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Appendix C

Naval Station Guantanamo Bay Human Health Risk Assessment

February 2017



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Abstract

ABSTRACT: Based on the results of the Naval Station Guantanamo Bay (NSGB) human health risk assessment (HHRA), cumulative cancer risks for all NSGB receptors were between or below $1\text{E-}06$ to $1\text{E-}04$ (i.e., 1 in 1,000,000 to 1 in 10,000)¹ and noncancer hazards² for all NSGB receptors³ were below 1 (see Table ES-1).⁴ The highest cancer risks and noncancer hazards were associated with living and working in modular buildings Inside Camp Justice. Inhalation of formaldehyde in the indoor air of modular buildings accounted for the majority of cumulative cancer risks (greater than 90% at some locations) and noncancer hazards (greater than 80% at some locations). Formaldehyde is frequently found in plywood, fiberboard, insulation, resins, glues, and other building materials in modular and stick-frame permanent buildings. The formaldehyde concentrations detected in the indoor air of buildings Inside Camp Justice were within the range of concentrations considered "Low" to "Mid" by the Center for Disease Control and Prevention (CDC) for typical concentrations observed in manufactured homes (CDC Fact Sheet 2016). Based on this comparison, the indoor air formaldehyde concentrations in Camp Justice were similar to typical indoor air formaldehyde concentrations (background) in the United States (US). Since formaldehyde was detected at typical US background concentrations, cancer risks and hazards were also calculated without formaldehyde concentrations. The cumulative risks Inside Camp Justice, when formaldehyde was removed from the calculations, significantly decreased for most exposure scenarios (see Table ES-2).

¹ The United States Environmental Protection Agency's (USEPA's) acceptable cancer risk range is $1.0\text{E-}04$ to $1.0\text{E-}06$ based on a reasonable maximum exposure (RME) scenario (USEPA 1991). In general, the USEPA considers cancer risks below $1\text{E-}06$ to be so small as to be negligible (i.e., below a level of regulatory concern). Conversely, cancer risks greater than $1\text{E-}04$ are undesirable and typically require remedial action (e.g., soil removal).

² The USEPA uses a hazard quotient (HQ) of 1 as the benchmark below which adverse, noncancer health effects are not expected and action generally is not warranted (USEPA 1991). An HQ greater than 1 shows that an exposure level exceeds a reference dose (RfD) or reference concentration (RfC), indicating that adverse health effects are possible.

³ Except Adult Resident/Workers Inside Camp Justice.

⁴ Adult Resident/Workers live and work inside Camp Justice (it was assumed that these receptors spend 16 hours a day at home and 8 hours a day at work).



Executive Summary

The purpose of the HHRA was to characterize current and future potential health risks related to contaminant sources inside Camp Justice and air curtain incinerators (ACIs), which are used to burn NSGB-generated municipal solid waste (MSW). The impact of the ACIs on receptors (service members, Department of Defense [DoD] and other government civilian employees, contract employees, and family members) living at NSGB was also assessed because ACI emissions could potentially impact locations inside and outside Camp Justice at NSGB.

Two types of data were used in this HHRA:

- Measured data from soil, tap water, and air samples collected in October 2015 and April 2016 Inside Camp Justice; and
- Modeled data from air dispersion and deposition modeling of ACI emissions.

Modeled air concentrations and deposition rates were calculated to account for chemicals detected in ACI emissions (e.g., dioxins/furans [dioxins]) and predict current and future risks from the ACIs.⁵ The air quality modeling analysis was performed in accordance with USEPA Human Health Risk Assessment Protocol for Hazardous Waste Combustion Facilities (USEPA Combustor Protocol [USEPA 2005b]). Modeling was performed using the AERMOD Modeling System (Version 15181).⁶

Exposure units (EUs) were defined to evaluate potential receptor risks based on where receptors live and/or work inside and outside Camp Justice (see Figures ES-1 and ES-2).

The conceptual site model (CSM) and complete exposure pathways for NSGB are summarized in Table ES-3. The following receptors were identified for NSGB:

Inside Camp Justice Exposure Scenarios

Inside Camp Justice exposure scenarios account for exposures to:

- **Adult Resident/Workers**
 - Live Inside Camp Justice in EU-1, EU-2, or EU-7 (16 hrs/day); and
 - Work Inside Camp Justice in EU-3, EU-4, EU-5, EU-6, EU-7, or EU-8 (8 hrs/day).
- **Adult Workers**
 - Live Outside Camp Justice in a residential area assumed to not be impacted by ACI emissions (i.e., no exposures at home); and

⁵ At this time, the ACIs are expected to operate for another 14 years (i.e., 30 years total).

⁶ https://www3.epa.gov/ttn/scram/dispersion_prefrec.htm#aermod



- Work Inside Camp Justice in EU-3, EU-4, EU-5, EU-6, EU-7, or EU-8.

Outside Camp Justice Exposure Scenarios

Outside Camp Justice exposure scenarios account for exposures to:

- **Child and Adult Residents**
Live Outside Camp Justice in a residential area (24 hrs/day)
- **Adult Workers**
Work Outside Camp Justice in a commercial/industrial area (8 hrs/day)

Combined Inside and Outside Camp Justice Exposure Scenario

The Combined Inside and Outside Camp Justice Exposure Scenario accounts for exposures to **Adult Resident/Workers:**

- Live Outside Camp Justice in a residential area (16 hrs/day)
- Work Inside Camp Justice at EU-3, EU-4, EU-5, EU-6, EU-7, or EU-8 (8 hrs/day)

The toxicity values used in this HHRA were based on the May 2016 USEPA regional screening level (RSL) tables (USEPA 2016a).⁷

Additional Evaluations:

In addition to calculating cancer risks and noncancer hazards, the following evaluations were also conducted:

- Modeled outdoor air concentrations were predicted for 2,021 receptor locations throughout NSGB and were compared to the National Ambient Air Quality Standards (NAAQS) to identify any exceedances of these standards at locations Inside and Outside Camp Justice;
- Infant exposures via breast milk were evaluated using methods described in the USEPA Combustor Protocol (USEPA 2005b); and
- Lead risks for children and adults were evaluated using the Integrated Exposure Uptake Biokinetic (IEUBK) model and Adult Lead Methodology (ALM) model.

The results of these additional evaluations indicated that:

- Modeled air concentrations exceeded NAAQS at three grid locations where no receptors live: three particulate matter (PM)_{2.5} locations, one PM₁₀ location, and one nitrogen oxide (NO_x) location;
- ACI-related infant exposures to dioxins via breastmilk were below background levels; and

⁷ The RSLs were the most current toxicity values available at the time the HHRA was developed.



- Lead risks for children and adults were below levels of concern (i.e., predicted blood lead levels were less than 5 $\mu\text{g}/\text{dL}$).



Sources of uncertainty and variability, which can influence the results of an HHRA, were also evaluated. The sensitivity analysis was performed to evaluate the impact of parameters or assumptions on the risk estimates. Based on this analysis, adjusting the parameters or assumptions did not change the conclusions of the HHRA.

Results:

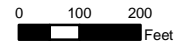
The results of the NSGB HHRA indicated that current and future potential health risks related to Camp Justice sources and the ACIs were primarily due to formaldehyde in the indoor air of modular buildings. Since formaldehyde is frequently found in building materials (and not NSGB sources), current and future cumulative risks and hazards were calculated without formaldehyde concentrations. The cumulative risks Inside Camp Justice, when formaldehyde was removed from the calculations, significantly decreased for most exposure scenarios. In addition, the impact of the ACI emissions to receptors living at NSGB was minimal.



Legend

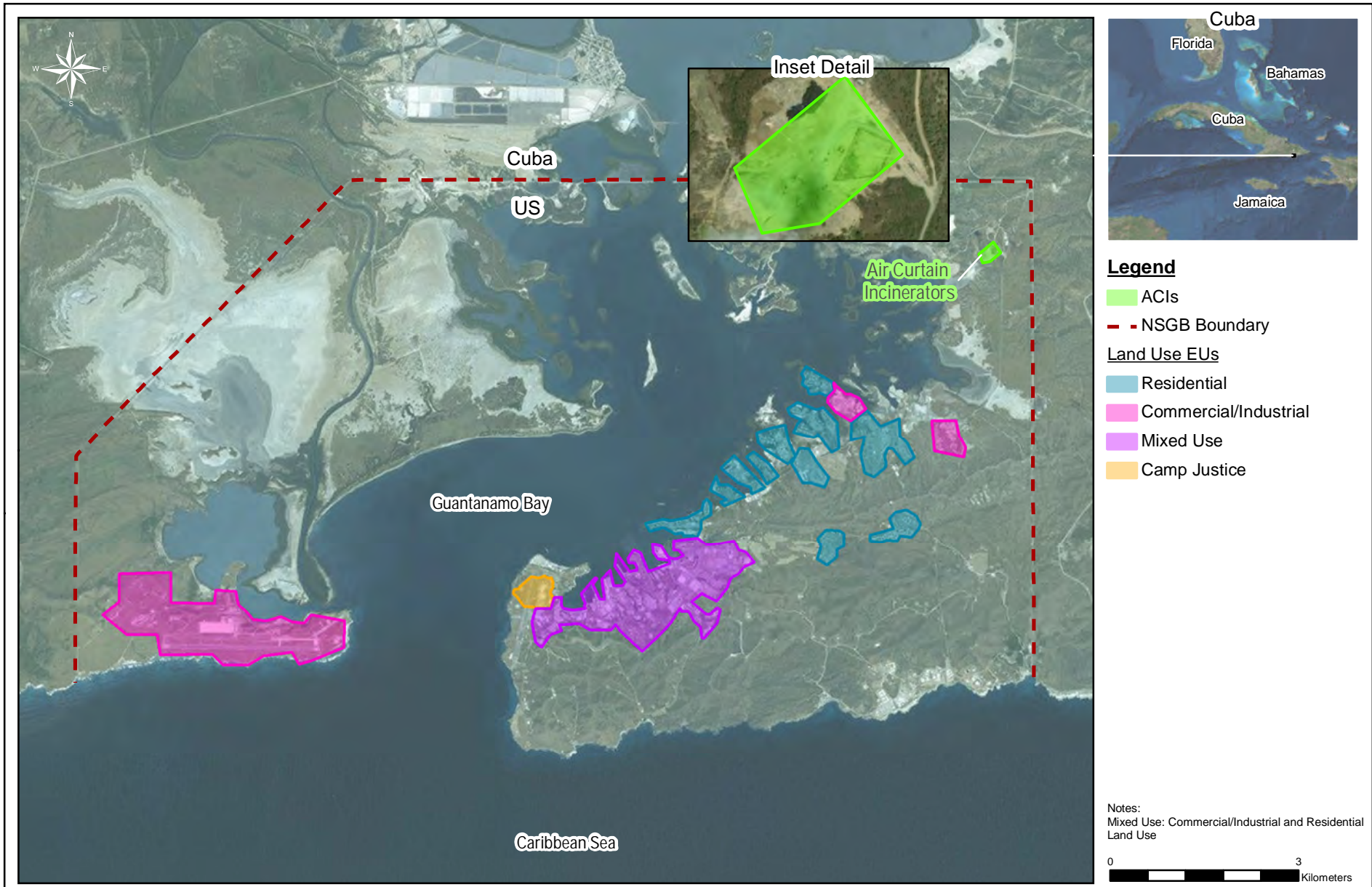
-  Camp Justice
-  EUs

Notes:
 -Building numbers are presented in parentheses.
 -Boundaries are approximate.



Inside Camp Justice EUs
 Naval Station Guantanamo Bay Human Health Risk Assessment
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Figure ES-1



Outside Camp Justice EUs
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Figure ES-2

Table ES-1: Summary of Cumulative Cancer Risk and Noncancer Hazard by Location for Each Receptor

Exposure Scenario/Location	hrs/day	Cancer Risk								Noncancer Hazard							
		ACI Lifetime 16 Years (Current)				ACI Lifetime 30 Years (Future)				ACI Lifetime 16 Years (Current)				ACI Lifetime 30 Years (Future)			
		Exposure Duration				Exposure Duration				Exposure Duration				Exposure Duration			
		9 months	3 years	6 years	25 years	9 months	3 years	6 years	25 years	9 months	3 years	6 years	25 years	9 months	3 years	6 years	25 years
Inside Camp Justice¹																	
Adult Resident/Workers																	
EU-1 (residence – Old Cuzcos)²	16																
+ EU-3 (work site ELC)	8	6.4E-06	1.9E-05	3.8E-05	--	6.4E-06	1.9E-05	3.8E-05	--	3.9	3.9	3.9	--	3.9	3.9	3.9	--
+ EU-4 (work site AV-34)	8	7.4E-06	2.2E-05	4.5E-05	--	7.4E-06	2.2E-05	4.5E-05	--	3.3	3.3	3.3	--	3.3	3.3	3.3	--
+ EU-5 (work site AV-31)	8	5.2E-06	1.6E-05	3.1E-05	--	5.2E-06	1.6E-05	3.1E-05	--	3.4	3.4	3.4	--	3.4	3.4	3.4	--
+ EU-6 (work site AV-32)	8	6.4E-06	1.9E-05	3.8E-05	--	6.4E-06	1.9E-05	3.8E-05	--	3.9	3.9	3.9	--	3.9	3.9	3.9	--
+ EU-8 (work site AV-29)	8	6.1E-06	1.8E-05	3.7E-05	--	6.1E-06	1.8E-05	3.7E-05	--	3.7	3.7	3.7	--	3.7	3.7	3.7	--
EU-2 (residence – New Cuzcos)²	16																
+ EU-3 (work site ELC)	8	8.7E-06	2.6E-05	5.2E-05	--	8.7E-06	2.6E-05	5.2E-05	--	5.1	5.1	5.1	--	5.1	5.1	5.1	--
+ EU-4 (work site AV-34)	8	9.8E-06	2.9E-05	5.9E-05	--	9.8E-06	2.9E-05	5.9E-05	--	4.5	4.5	4.5	--	4.5	4.5	4.5	--
+ EU-5 (work site AV-31)	8	7.5E-06	2.3E-05	4.5E-05	--	7.5E-06	2.3E-05	4.5E-05	--	4.6	4.6	4.6	--	4.6	4.6	4.6	--
+ EU-6 (work site AV-32)	8	8.7E-06	2.6E-05	5.2E-05	--	8.7E-06	2.6E-05	5.2E-05	--	5.1	5.1	5.1	--	5.1	5.1	5.1	--
+ EU-8 (work site AV-29)	8	8.5E-06	2.5E-05	5.1E-05	--	8.5E-06	2.5E-05	5.1E-05	--	4.9	4.9	4.9	--	4.9	4.9	4.9	--
EU-7 (residence – tents)²	16																
+ EU-3 (work site ELC)	8	2.2E-06	6.5E-06	1.3E-05	--	2.2E-06	6.5E-06	1.3E-05	--	1.3	1.3	1.3	--	1.3	1.3	1.3	--
+ EU-4 (work site AV-34)	8	3.3E-06	9.8E-06	2.0E-05	--	3.3E-06	9.8E-06	2.0E-05	--	0.7	0.7	0.7	--	0.7	0.7	0.7	--
+ EU-5 (work site AV-31)	8	1.0E-06	3.0E-06	6.0E-06	--	1.0E-06	3.0E-06	6.0E-06	--	0.8	0.8	0.8	--	0.8	0.8	0.8	--
+ EU-6 (work site AV-32)	8	2.2E-06	6.6E-06	1.3E-05	--	2.2E-06	6.6E-06	1.3E-05	--	1.3	1.3	1.3	--	1.3	1.3	1.3	--
+ EU-8 (work site AV-29)	8	2.0E-06	5.9E-06	1.2E-05	--	2.0E-06	5.9E-06	1.2E-05	--	1.1	1.1	1.1	--	1.1	1.1	1.1	--
Adult Resident/Workers																	
EU-7 (tents: residence + work site)	24	8.7E-07	--	--	--	8.7E-07	--	--	--	0.7	--	--	--	0.7	--	--	--
Adult Workers																	
EU-3 (ELC)	8	1.3E-06	3.8E-06	7.7E-06	3.2E-05	1.3E-06	3.8E-06	7.7E-06	3.2E-05	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
EU-4 (AV-34)	8	2.4E-06	7.1E-06	1.4E-05	5.9E-05	2.4E-06	7.1E-06	1.4E-05	5.9E-05	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
EU-5 (AV-31)	8	1.2E-07	3.6E-07	7.2E-07	3.0E-06	1.2E-07	3.6E-07	7.2E-07	3.0E-06	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
EU-6 (AV-32)	8	1.3E-06	4.0E-06	7.9E-06	3.3E-05	1.3E-06	4.0E-06	7.9E-06	3.3E-05	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
EU-8 (AV-29)	8	1.1E-06	3.2E-06	6.4E-06	2.7E-05	1.1E-06	3.2E-06	6.4E-06	2.7E-05	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Combined (Work Inside/Live Outside Camp Justice)																	
EU-3 (ELC)/outside Camp Justice	8/16	1.4E-06	4.1E-06	8.1E-06	3.4E-05	1.4E-06	4.1E-06	8.1E-06	3.4E-05	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
EU-4 (AV-34)/outside Camp Justice	8/16	2.4E-06	7.3E-06	1.5E-05	6.1E-05	2.4E-06	7.3E-06	1.5E-05	6.1E-05	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
EU-5 (AV-31)/outside Camp Justice	8/16	1.9E-07	5.8E-07	1.2E-06	4.8E-06	1.9E-07	5.8E-07	1.2E-06	4.8E-06	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3
EU-6 (AV-32)/outside Camp Justice	8/16	1.4E-06	4.2E-06	8.3E-06	3.5E-05	1.4E-06	4.2E-06	8.3E-06	3.5E-05	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
EU-8 (AV-29)/outside Camp Justice	8/16	1.1E-06	3.4E-06	6.8E-06	2.9E-05	1.1E-06	3.4E-06	6.8E-06	2.9E-05	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Outside Camp Justice³																	
Worker (Industrial location)	8	4.7E-08	1.4E-07	2.8E-07	1.2E-06	4.7E-08	1.4E-07	2.8E-07	1.2E-06	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Resident (adult)	24	9.8E-08	2.9E-07	5.9E-07	2.5E-06	9.8E-08	3.0E-07	5.9E-07	2.5E-06	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Resident (child)	24	--	3.5E-07	6.6E-07	--	--	3.5E-07	6.7E-07	--	--	0.1	0.1	--	--	0.1	0.1	--

Notes:

--: Not calculated

9-Month Exposure Duration = 270 days

¹ See Figure 1-2 for EU locations Inside Camp Justice

² These risks include the risks from exposures at the temporary residence and at work. The risks at the temporary residences are summarized below:

EU-1 (residence – Old Cuzcos)	16	5.1E-06	1.5E-05	3.0E-05	--	5.1E-06	1.5E-05	3.0E-05	--	3.1	3.1	3.1	--	3.1	3.1	3.1	--
EU-2 (residence – New Cuzcos)	16	7.4E-06	2.2E-05	4.4E-05	--	7.4E-06	2.2E-05	4.4E-05	--	4.3	4.3	4.3	--	4.3	4.3	4.3	--
EU-7 (residence – tents)	16	8.1E-07	2.4E-06	4.9E-06	--	8.1E-07	2.4E-06	4.9E-06	--	0.4	0.4	0.4	--	0.4	0.4	0.4	--

³ See Figure 2-23 for commercial/industrial and residential MPOI locations Outside Camp Justice

Table ES-2: Summary of Cumulative Cancer Risk and Noncancer Hazard by Location for Each Receptor (without Formaldehyde in Indoor Air)

Exposure Scenario/Location	hrs/day	Cancer Risk								Noncancer Hazard							
		ACI Lifetime 16 Years (Current)				ACI Lifetime 30 Years (Future)				ACI Lifetime 16 Years (Current)				ACI Lifetime 30 Years (Future)			
		Exposure Duration				Exposure Duration				Exposure Duration				Exposure Duration			
		9 months	3 years	6 years	25 years	9 months	3 years	6 years	25 years	9 months	3 years	6 years	25 years	9 months	3 years	6 years	25 years
Inside Camp Justice¹																	
Adult Resident/Workers																	
EU-1 (Residence – Old Cuzcos)²	16																
+ EU-3 (work site ELC)	8	3.0E-07	8.9E-07	1.8E-06	--	3.0E-07	8.9E-07	1.8E-06	--	0.6	0.6	0.6	--	0.6	0.6	0.6	--
+ EU-4 (work site AV-34)	8	2.4E-06	7.3E-06	1.5E-05	--	2.4E-06	7.3E-06	1.5E-05	--	0.6	0.6	0.6	--	0.6	0.6	0.6	--
+ EU-5 (work site AV-31)	8	2.0E-07	5.9E-07	1.2E-06	--	2.0E-07	5.9E-07	1.2E-06	--	0.7	0.7	0.7	--	0.7	0.7	0.7	--
+ EU-6 (work site AV-32)	8	5.0E-07	1.5E-06	3.0E-06	--	5.0E-07	1.5E-06	3.0E-06	--	0.7	0.7	0.7	--	0.7	0.7	0.7	--
+ EU-8 (work site AV-29)	8	5.5E-07	1.7E-06	3.3E-06	--	5.5E-07	1.7E-06	3.3E-06	--	0.6	0.6	0.6	--	0.6	0.6	0.6	--
EU-2 (Residence – New Cuzcos)²	16																
+ EU-3 (work site ELC)	8	2.9E-07	8.6E-07	1.7E-06	--	2.9E-07	8.6E-07	1.7E-06	--	0.5	0.5	0.5	--	0.5	0.5	0.5	--
+ EU-4 (work site AV-34)	8	2.4E-06	7.3E-06	1.5E-05	--	2.4E-06	7.3E-06	1.5E-05	--	0.5	0.5	0.5	--	0.5	0.5	0.5	--
+ EU-5 (work site AV-31)	8	1.9E-07	5.6E-07	1.1E-06	--	1.9E-07	5.6E-07	1.1E-06	--	0.6	0.6	0.6	--	0.6	0.6	0.6	--
+ EU-6 (work site AV-32)	8	4.9E-07	1.5E-06	3.0E-06	--	4.9E-07	1.5E-06	3.0E-06	--	0.6	0.6	0.6	--	0.6	0.6	0.6	--
+ EU-8 (work site AV-29)	8	5.4E-07	1.6E-06	3.2E-06	--	5.4E-07	1.6E-06	3.2E-06	--	0.6	0.6	0.6	--	0.6	0.6	0.6	--
EU-7 (Residence – tents)²	16																
+ EU-3 (work site ELC)	8	1.1E-06	3.3E-06	6.6E-06	--	1.1E-06	3.3E-06	6.6E-06	--	0.7	0.7	0.7	--	0.7	0.7	0.7	--
+ EU-4 (work site AV-34)	8	3.3E-06	9.8E-06	2.0E-05	--	3.3E-06	9.8E-06	2.0E-05	--	0.7	0.7	0.7	--	0.7	0.7	0.7	--
+ EU-5 (work site AV-31)	8	1.0E-06	3.0E-06	6.0E-06	--	1.0E-06	3.0E-06	6.0E-06	--	0.8	0.8	0.8	--	0.8	0.8	0.8	--
+ EU-6 (work site AV-32)	8	1.3E-06	3.9E-06	7.9E-06	--	1.3E-06	3.9E-06	7.9E-06	--	0.8	0.8	0.8	--	0.8	0.8	0.8	--
+ EU-8 (work site AV-29)	8	1.4E-06	4.1E-06	8.1E-06	--	1.4E-06	4.1E-06	8.1E-06	--	0.8	0.8	0.8	--	0.8	0.8	0.8	--
Adult Resident/Workers																	
EU-7 (tents: residence + work site)	24	8.7E-07	--	--	--	8.7E-07	--	--	--	0.7	--	--	--	0.7	--	--	--
Adult Workers																	
EU-3 (ELC)	8	2.2E-07	6.6E-07	1.3E-06	5.5E-06	2.2E-07	6.6E-07	1.3E-06	5.5E-06	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
EU-4 (AV-34)	8	2.4E-06	7.1E-06	1.4E-05	5.9E-05	2.4E-06	7.1E-06	1.4E-05	5.9E-05	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
EU-5 (AV-31)	8	1.2E-07	3.6E-07	7.2E-07	3.0E-06	1.2E-07	3.6E-07	7.2E-07	3.0E-06	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
EU-6 (AV-32)	8	4.3E-07	1.3E-06	2.6E-06	1.1E-05	4.3E-07	1.3E-06	2.6E-06	1.1E-05	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
EU-8 (AV-29)	8	4.7E-07	1.4E-06	2.8E-06	1.2E-05	4.7E-07	1.4E-06	2.8E-06	1.2E-05	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Combined (Work Inside/Live Outside Camp Justice)																	
EU-3 (ELC)/Outside Camp Justice	8/16	2.9E-07	8.6E-07	1.7E-06	7.2E-06	2.9E-07	8.6E-07	1.7E-06	7.2E-06	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
EU-4 (AV-34)/Outside Camp Justice	8/16	2.4E-06	7.3E-06	1.5E-05	6.1E-05	2.4E-06	7.3E-06	1.5E-05	6.1E-05	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
EU-5 (AV-31)/Outside Camp Justice	8/16	1.9E-07	5.6E-07	1.1E-06	4.7E-06	1.9E-07	5.6E-07	1.1E-06	4.7E-06	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
EU-6 (AV-32)/Outside Camp Justice	8/16	4.9E-07	1.5E-06	3.0E-06	1.2E-05	4.9E-07	1.5E-06	3.0E-06	1.2E-05	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
EU-8 (AV-29)/Outside Camp Justice	8/16	5.4E-07	1.6E-06	3.2E-06	1.4E-05	5.4E-07	1.6E-06	3.2E-06	1.4E-05	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Outside Camp Justice³																	
Worker (Industrial location)	8	4.2E-08	1.3E-07	2.5E-07	1.0E-06	4.2E-08	1.3E-07	2.5E-07	1.1E-06	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Resident (adult)	24	9.1E-08	2.7E-07	5.4E-07	2.3E-06	9.1E-08	2.7E-07	5.5E-07	2.3E-06	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Resident (child)	24	--	3.4E-07	6.4E-07	--	--	3.5E-07	6.6E-07	--	--	0.1	0.1	--	--	0.1	0.1	--

Notes:

--: Not calculated
 9-Month Exposure Duration = 270 days

¹ See Figure 1-2 for EU locations Inside Camp Justice

² These risks include the risks from exposures at the temporary residence and at work. The risks at the temporary residences are summarized below:

EU-1 (residence – Old Cuzcos)	16	7.6E-08	2.3E-07	4.5E-07	--	7.6E-08	2.3E-07	4.5E-07	--	0.4	0.4	0.4	--	0.4	0.4	0.4	--
EU-2 (residence – New Cuzcos)	16	6.6E-08	2.0E-07	3.9E-07	--	6.6E-08	2.0E-07	3.9E-07	--	0.3	0.3	0.3	--	0.3	0.3	0.3	--
EU-7 (residence – tents)	16	8.2E-07	2.4E-06	4.9E-06	--	8.1E-07	2.4E-06	4.9E-06	--	0.4	0.4	0.4	--	0.4	0.4	0.4	--

³ See Figure 2-23 for commercial/industrial and residential MPOI locations Outside Camp Justice

Table ES-3: Summary of the Conceptual Site Model

Primary Sources	Transport	Exposure Medium	Exposure Route	Exposure Scenarios (Current and Future Land Use)									
				Inside Camp Justice				Outside Camp Justice				Combination	
				Active Duty Military or Commercial/Industrial			Commercial/Industrial	Families of Active Duty Military or Commercial/Industrial		Active Duty Military or Commercial/Industrial	Commercial/Industrial	Active Duty Military or Commercial/Industrial	Commercial/Industrial
				9-month Adult Resident/Worker ¹	9-month, 3 & 6-year Adult Resident/Worker ²	9-month, 3 & 6-year Adult Worker ³	25-year Adult Worker ³	3 & 6-year Child Resident ⁴	9-month, 3, 6 & 25-year Adult Resident ⁴	9-month, 3 & 6-year Adult Worker ⁵	25-year Adult Worker ⁵	9-month, 3 & 6-year Adult Worker ⁵	25-year Adult Worker ⁵
Building Materials	Volatilization	Air/vapors	Inhalation	X	X	X	X	-	-	-	-	X	X
		Soil	Ingestion	X	X	X	X	-	-	-	-	X	X
Soil Releases	Volatilization	Soil	Dermal	X	X	X	X	-	-	-	-	X	X
		Air/vapors	Inhalation	X	X	X	X	-	-	-	-	X	X
		Wind	Air/particulate	Inhalation	X	X	X	X	-	-	-	-	X
Tap Water ⁷	Volatilization	Drinking Water	Ingestion	X	X	X	X	-	-	-	-	X	X
		Drinking Water	Dermal	X	X	X	X	-	-	-	-	X	X
		Drinking Water	Inhalation	X	X	X	X	-	-	-	-	X	X
ACIs	Erosion	Soil	Ingestion	X	X	X	X	X	X	X	X	X	X
		Soil	Dermal	X	X	X	X	X	X	X	X	X	X
		Air/vapors	Inhalation	X	X	X	X	X	X	X	X	X	X
		Air/particulate	Inhalation	X	X	X	X	X	X	X	X	X	X
		Fish/shellfish	Ingestion	X	X	-	-	X	X	-	-	X	X

Notes:

-: Not a complete exposure pathway. This pathway was not evaluated for the receptor indicated.

X: Complete exposure pathway. This pathway was evaluated for the receptor indicated.

¹ Inside Camp Justice Adult Resident/Worker (tents) – lives and works 24 hours/day inside of Camp Justice in tents.

² Inside Camp Justice Adult Resident/Worker (Old Cuzcos, New Cuzcos, tents) – lives in the Old Cuzcos, New Cuzcos, or tents 16 hours/day and works 8 hours/day inside of Camp Justice in buildings ELC, AV-29, AV-31, AV-32, AV-34.

³ Inside Camp Justice Adult Worker – works 8 hours/day inside of Camp Justice and lives 16 hours/day outside of Camp Justice.

⁴ Outside of Camp Justice Adult & Child Resident – lives at a residential location 24 hours/day outside of Camp Justice.

⁵ Outside of Camp Justice Adult Worker – works 8 hours/day at a commercial/industrial location outside of Camp Justice.

⁶ Workers are assumed to spend 26% of time at work inside Camp Justice and 74% of time at home outside of Camp Justice based on working 250 days/year (on weekdays) for 8 hours/day and being at home for 350 days/year (for 16 hours/day on weekdays and 24 hours/day on weekends).

⁷ Tap water was eliminated from further evaluation in the HHRA because concentrations were below MCLs at all but one location, which was in a portable men's latrine (see Appendix B).



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List of Acronyms

Acronym	Definition
2,3,7,8-TCDD	2,3,7,8-Tetrachlorodibenzo-p-dioxin
AASI	Ambient Air Services, Inc.
ACI	Air Curtain Incinerator
ADD	Average Daily Dose
ALM	Adult Lead Methodology
ATSDR	Agency for Toxic Substances and Disease Registry
BLL	Blood Lead Level
CDC	Center for Disease Control and Prevention
CFR	Code of Federal Regulations
cm/s	Centimeters per Second
CNRSE	Commander Navy Region Southeast
COPC	Chemical of Potential Concern
CR	Cancer Risk
CSF	Cancer Slope Factor
CSM	Conceptual Site Model
DEM	Digital Elevation Model
dioxins	Dioxins/furans
DNA	Deoxyribonucleic Acid
DoD	Department of Defense
EC	Engineering Control
ELC	Expeditionary Legal Complex
EPC	Exposure Point Concentration
EU	Exposure Unit
FWC	Florida Fish and Wildlife Conservation Commission
g/sec	Grams per Second
GIABS	Gastrointestinal Absorption
GUIDELINE	Guideline on Air Quality Models
Hcl	Hydrochloric Acid
HEAST	Health Effects Assessment Summary Table
HHRA	Human Health Risk Assessment
HI	Hazard Index
HQ	Hazard Quotient



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Acronym	Definition
HVAC	Heating, Ventilation, and Air Conditioning
IEUBK	Integrated Exposure Uptake Biokinetic
IG	Inspector General
IRIS	Integrated Risk Information System [USEPA's]
ISC	Industrial Source Complex
IUR	Inhalation Unit Risk
JTF	Joint Task Force
LADD	Lifetime Average Daily Dose
LOAEL	Lowest Observed Adverse Effect Level
Log 95% UCL	Logarithmic 95% Upper Confidence Limit
MCL	Maximum Contaminant Level
mg/kg-day	milligrams per kilogram of body weight per day
MPOI	Maximum Point of Impingement
MRL	Minimum Risk Level
MSW	Municipal Solid Waste
NAAQS	National Ambient Air Quality Standard
NAD	North American Datum
Ng/m ³ -yr	Nanogram per Meter Cubed per Year
NMCPHC	Navy and Marine Corps Public Health Center
NOAEL	No Observed Adverse Effect Level
NO _x	Nitrogen Oxide
NSGB	Naval Station Guantanamo Bay
OEHHA	Office of Environmental Health Hazard Assessment
OMC	Office of Military Commissions
OSHA	Occupational Safety and Health Administration
PAH	Polycyclic Aromatic Hydrocarbon
PCB	Polychlorinated Biphenyl
PEL	Permissible Exposure Limit
Pg/kg-day	Picogram per Kilogram of Body Weight per Day
PHR	Public Health Review
PM	Particulate Matter
PPRTV	Provisional Peer Reviewed Toxicity Value
RBA	Relative Bioavailability Factor
REL	Reference Exposure Level



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Acronym	Definition
RfC	Reference Concentration
RfD	Reference Dose
RME	Reasonable Maximum Exposure
RSL	Regional Screening Level
SL	Screening Level
SOUTHCOM	United States Southern Command
STSC	Superfund Technical Support Center
TEF	Toxic Equivalency Factors
TEQ	Toxic Equivalence
UCL	Upper Confidence Level
Ug/dl	Micrograms per Deciliter
Ug/m ³	Micrograms per Meters Cubed
US	United States
USACE	United States Army Corps of Engineers
USEPA	United States Environmental Protection Agency
USEPA Combustor Protocol	USEPA Human Health Risk Assessment Protocol for Hazardous Waste Combustion Facilities
USGS	United States Geological Survey
UTM	Universal Transverse Mercator
VF	Volatilization Factor
WHO	World Health Organization



Section 1: Introduction

This human health risk assessment (HHRA) was performed by PIONEER Technologies Corporation as part of the Public Health Review (PHR) being conducted by the Navy and Marine Corps Public Health Center (NMCPHC) for Camp Justice on Naval Station Guantanamo Bay (NSGB; see Figure 1-1). The PHR is being conducted in response to a hotline complaint received by the Department of Defense (DoD) Inspector General (IG) alleging that military and civilian members working for the Office of Military Commissions (OMC) have been exposed to carcinogens. This HHRA was performed to characterize current and future potential health risks related to sources within Camp Justice and air curtain incinerators (ACIs), which are used to burn municipal solid waste (MSW) generated at NSGB. Although the purpose of the PHR was to evaluate potential exposures at Camp Justice, the impact of the ACIs to receptors living at NSGB was also assessed because emissions from the ACIs could potentially impact locations at Camp Justice where OMC personnel live on NSGB. The purpose of this report is to summarize the HHRA process and document the HHRA results.

Preliminary Public Health Screening Risk Assessment Summary

Potential risks to human health at NSGB were initially investigated in a Preliminary Public Health Screening Risk Assessment (NMCPHC 2016). The screening assessment was conducted to determine if any immediate risk management actions were needed based on a screening of chemicals of potential concern (COPCs) for soil, water, indoor air, and outdoor air. The COPC concentrations were compared to United States Environmental Protection Agency (USEPA) screening levels (SLs; e.g., regional screening levels [RSLs], maximum contaminant levels [MCLs]), and Occupational Safety and Health Administration (OSHA) permissible exposure limits (PELs).

Nearly all detected COPC concentrations inside Camp Justice were less than SLs and did not require risk management actions because they posed a de minimis risk to human health. Mercury and formaldehyde concentrations in indoor air, and arsenic and benzo(a)pyrene concentrations in soil were of potential concern and warranted further evaluation.⁸ The chemicals that were of potential concern or identified as needing further evaluation are discussed below:

⁸ The mercury and formaldehyde concentrations in indoor air were below OSHA PELs for employee occupational exposure in the workplace; however, this comparison did not consider cumulative risks related to multiple chemicals and pathways of exposure.



Mercury in Indoor Air at Building AV-29

Mercury concentrations in indoor air, collected in October 2015 from immediately above the floor level of Building AV-29, exceeded the SL (see Figure 1-2 for the location of Building AV-29). Historically, Building AV-29 was used as a dental clinic. During historical operations, mercury from amalgam fillings may have been released. Although October 2015 mercury concentrations exceeded the indoor air SL, all mercury concentrations were less than the OSHA PEL of 100 $\mu\text{g}/\text{m}^3$. In response to these exceedances, additional mercury samples were collected from the breathing zone of Building AV-29 during an April 2016 sampling event. Breathing zone samples were collected because they are representative of potential occupational exposures. All sample results were not detected (and the detection limit was very sensitive [0.31 $\mu\text{g}/\text{m}^3$]) and were below the SL. No further action was recommended for indoor air at Building AV-29 and mercury was not included in the HHRA. However, if construction or remodeling occurs that disturbs flooring, indoor air mercury concentrations should be monitored to ensure that they remain below appropriate health-based levels.

Formaldehyde in Indoor Air of Modular Buildings

Formaldehyde concentrations in the indoor air of modular buildings (Old Cuzcos, New Cuzcos, Expeditionary Legal Complex [ELC] Satellite Buildings, AV-29 Satellite Building) exceeded the SL (see Figure 1-2 for the building locations). Indoor air samples were collected in modular buildings since formaldehyde is frequently found in plywood, fiberboard, insulation, resins, glues, and other building materials in modular and stick-frame permanent buildings. All formaldehyde concentrations were less than the OSHA PEL of 925 $\mu\text{g}/\text{m}^3$. The average and maximum detected formaldehyde concentrations in indoor air were 19 $\mu\text{g}/\text{m}^3$ and 75 $\mu\text{g}/\text{m}^3$, respectively (NMCPHC 2016). Although formaldehyde concentrations exceeded SLs, the concentrations were within the range of concentrations considered "Low" to "Mid" by the Center for Disease Control and Prevention (CDC) for typical concentrations observed in manufactured homes (CDC Fact Sheet 2016). The results indicate that NSGB receptors may be exposed to similar concentrations of formaldehyde in indoor air in buildings in the United States (US). To address these exceedances, OMC implemented the following heating, ventilation, and air conditioning (HVAC) modifications prior to the April 2016 indoor air sampling event. All Cuzcos modifications and recommendations were as follows:

- All bathroom exhaust fans were wired to run continuously (24 hours/day, 7 days/week)
- All air conditioner units coils were cleaned



- OMC notified occupants to keep bathroom doors shut during and immediately after showering and to leave air conditioners running at all times, set at no greater than 72 degrees Fahrenheit
- OMC notified occupants to use the economy setting so that outside air is brought through the air conditioner instead of just recirculating indoor air
- Signs were posted in the Cuzcos reminding occupants of these guidelines
- OMC ordered silicone caulk to be used to re-caulk the air gaps
- OMC requested that air conditioner/dehumidifier combination units be placed on the list of units that they can easily purchase

Formaldehyde was evaluated in this HHRA using the indoor air data collected in October 2015, prior to the modifications/recommendations, to determine if risk management actions are warranted based on cumulative/total risks which were not evaluated in the Preliminary Public Health Screening Risk Assessment.

Benzo(a)pyrene in Soil Proximate to Building AV-34

Benzo(a)pyrene concentrations in soil collected during the October 2015 sampling event exceeded the SLs. The highest concentrations (1.8 and 8.6 mg/kg) were detected near Building AV-34 (see Figure 1-2 for the Building AV-34 location; NMCPHC 2016). Although concentrations at this location exceeded SLs, concentrations were similar to typical US urban background benzo(a)pyrene concentrations (Electric Power Research Institute 2008 and Agency for Toxic Substances and Disease Registry [ATDSR] 1995). The concentrations near Building AV-34 may be due to minor petroleum product spills or the asphalt parking lot. To further evaluate benzo(a)pyrene concentrations, nine additional soil samples were collected near Building AV-34 during the April 2016 sampling event to ensure that concentrations in the area were also consistent with typical urban background. The results of the April 2016 sampling event indicated that the soil concentrations from the additional sample locations were also similar to typical US urban background. No immediate risk management actions were recommended based on the results of the Preliminary Public Health Screening Risk Assessment. However, benzo(a)pyrene in soil was evaluated in this HHRA to determine if risk management actions are warranted based on cumulative/total risks which were not evaluated in the Preliminary Public Health Screening Risk Assessment.

Arsenic in Soil Proximate to Building AV-32

Arsenic concentrations collected in October 2015 proximate to Building AV-32 exceeded the SL (see Figure 1-2 for the location of Building AV-32). Soil samples were collected throughout Camp Justice during the October 2015 sampling event. The majority of the arsenic exceedances slightly-



to-moderately exceeded background arsenic levels at NSGB.⁹ No immediate risk management actions were recommended based on the results of the Preliminary Public Health Screening Risk Assessment. However, arsenic in soil was evaluated in this HHRA to determine if risk management actions are warranted based on cumulative/total risks which were not evaluated in the Preliminary Public Health Screening Risk Assessment.

Final HHRA

The results from the Preliminary Public Health Screening Risk Assessment were integrated into this HHRA (i.e., the final HHRA) and were used to calculate cumulative cancer risks and/or noncancer hazard indices for all COPCs and all pathways (e.g., inhalation of indoor air, inhalation of outdoor air, ingestion of soil, and dermal contact with soil; NMCPHC 2016). The number of samples collected by medium were as follows:

October 2015 Samples	April 2016 Samples
60 Soil Samples	23 Soil Samples (includes 14 background samples for metals)
32 Indoor Air Samples (summa canister)	0 Indoor Air Samples
2 Outdoor Air Samples (summa canister)	0 Outdoor Air Samples
18 Tap Water Samples	0 Tap Water Samples
28 Indoor Air Samples (formaldehyde)	31 Indoor Air Samples (formaldehyde) ¹⁰

Key, site-specific decisions were made in order to complete this HHRA (e.g., determine whether or not subsistence farmers should be included in the HHRA, the size of the receptor grid used in the modeling, and the receptor boundary). Issue summaries were developed and used as a basis for discussion and to facilitate decision-making. The issue summaries are presented in Appendix A.

Site Background

NSGB is approximately 45 square miles and is comprised of two distinct areas (the windward side and the leeward side), which are divided by the 2.5-mile-wide Guantanamo Bay (see Figure 1-1). The main base (including Camp Justice) is located on the windward side of NSGB and an active

⁹ Arsenic is a naturally-occurring element that is widely distributed in the Earth’s crust. Due to its geochemical characteristics, Cuban soils can be naturally high in heavy metals, including arsenic. Arsenic background levels for Cuba were determined to be approximately 19 mg/kg (Alfaro et al. 2015), and site-specific (NSGB) background levels range from 1.1 mg/kg to 2.7 mg/kg.

¹⁰ An additional 31 indoor air samples were collected and analyzed for formaldehyde in April 2016 after OMC had implemented HVAC modifications to reduce indoor air concentrations of formaldehyde. These additional 31 samples were not evaluated in the HHRA because these samples do not represent conditions from 2000 to 2016.



airfield (Guantanamo Leeward Point Airport) is located on the leeward side of NSGB. A ferry service provides transportation between the windward and leeward sides. The land portion of NSGB is enclosed by a 17.4-mile-long wire perimeter fence which is patrolled by the US Marine Corps Security Force Company Guantanamo Bay.

As the center of US military operations in the Caribbean Theater of Operations, NSGB provides logistics support to the US Navy, US Coast Guard, authorized air operations, and Joint Task Force (JTF) Guantanamo. Nearly 6,000 US service members, DoD and other government civilian employees, contract employees, and family members work and live at NSGB. Land uses at NSGB include commercial/industrial, military operations, and residential.¹¹ NSGB supports multiple operations, including Camp Justice, a naval station, and a main anchorage. Guantanamo Leeward Point Airport (an active air facility) is located on the leeward side of Guantanamo Bay.

Approximately 150 structures, including an expeditionary lodging facility, the ELC, and the OMC are located at Camp Justice (see Figure 1-2). Up to 500 people (military workers assigned to the OMC: security guards, journalists, and logistics, operations, and maintenance staff) can be housed at Camp Justice.

Exposure Units

For the HHRA, exposure units (EUs) were defined for people who live and/or work at Camp Justice (hereafter referred to as Inside Camp Justice), people who live and/or work at NSGB outside of Camp Justice (hereafter referred to as Outside Camp Justice), and people who live Outside Camp Justice and work Inside Camp Justice. In addition, the two areas (Inside Camp Justice and Outside Camp Justice) were conceptually divided into EUs to evaluate potential risks to receptors (service members, DoD and other government civilian employees, contract employees, and family members) based on where they live and work. Inside Camp Justice was divided into eight EUs (see Figure 1-2); Outside Camp Justice was divided into EUs based on land use (commercial/industrial, mixed use, residential; see Figure 1-3).¹² General site features and building uses inside Camp Justice are described by EU in the following table:

EU	Building(s)	Description
1	Old Cuzcos	EU-1 is located in the northern portion of Camp Justice (see Figure 1-2). This EU is comprised of paved and grassed surfaces and old cuzcos (modular buildings with one bedroom and a shared bathroom adjoining the buildings). (b) (3) (B)

¹¹ NSGB is not used for private or public agricultural uses, nor will it be in the future.

¹² Not all residential and commercial/industrial EUs were used to characterize risk. Rather, the residential and commercial/industrial EUs with the highest dispersion and deposition points (referred to as maximum points of impingement [MPOIs]) were evaluated in the HHRA.



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EU	Building(s)	Description
2	New Cuzcos	EU-2 is located in the northwestern portion of Camp Justice (see Figure 1-2). This EU is comprised of paved and grassed surfaces and new cuzcos (modular buildings with one bedroom and a shared bathroom adjoining the buildings). (b) (3) (B)
3	ELC and Modular Buildings	EU-3 is located in the northern portion of Camp Justice (see Figure 1-2). This EU is comprised of primarily paved and some grassed surfaces and modular buildings. (b) (3) (B)
4	AV-34	EU-4 is located in the northeastern portion of Camp Justice (see Figure 1-2). This EU is comprised of primarily grassed and some paved surfaces and a stick-frame permanent building (AV-34). (b) (3) (B)
5	AV-31	EU-5 is located in the eastern portion of Camp Justice (see Figure 1-2). This EU is comprised of primarily grassed and some paved surfaces and a concrete building (AV-31). (b) (3) (B)
6	AV-32 and Modular Buildings	EU-6 is located in the southern portion of Camp Justice (see Figure 1-2). This EU is comprised of primarily paved and some grassed surfaces and a hangar (AV-32). Three modular buildings are located within the hangar and multiple modular buildings are located outside of the hangar. (b) (3) (B)
7	Tents	EU-7 is located in the southwestern portion of Camp Justice (see Figure 1-2). This EU is comprised of paved and grassed surfaces and tents. The tents, which have wood floors and are air conditioned (b) (3) (B)
8	AV-29 and Modular Buildings	EU-8 is located in the southeastern portion of Camp Justice (see Figure 1-2). This EU is comprised of primarily grassed and some paved surfaces and a permanent building (AV-29) with a modular building next to it. (b) (3) (B)

Potential Contaminant Sources

The potential contaminant sources on NSGB were identified Inside Camp Justice and Outside Camp Justice. Potential contaminant sources Inside Camp Justice include building materials, and spills and releases associated with the former air strip and military activities. Potential contaminant sources Outside Camp Justice include emissions from the three ACIs located in the northeastern portion of NSGB (see Figure 1-1). The ACIs typically burn approximately 13,000 tons of MSW per year (see Appendix D). They are only loaded with MSW Monday through Saturday during business hours but burn waste all day and night. Emissions from the ACIs may be dispersed or deposited throughout NSGB, including Inside Camp Justice.

Overview of the Risk Assessment Process

Risk assessment is an established scientific approach used to evaluate the potential for impacts to human health and the environment associated with exposure to chemicals in contaminated media (e.g., soil, water, and air). Risk assessment is a management decision tool; risk assessment does not provide absolute statements about health and environmental impacts, and typically



focuses on chemicals and exposure pathways (e.g., inhalation, ingestion, and dermal contact) directly related to a site. Risk assessments generally do not address risks from other sources of exposure (e.g., dietary exposures, unless associated with food that might be contaminated from the site) or risks from other chemicals not associated with the site. Risk managers use the results of risk assessments to determine if a site, or a portion thereof, requires further investigation or action (e.g., mitigation and remediation).

This risk assessment was performed in accordance with:

1. USEPA Human Health Risk Assessment Protocol for Hazardous Waste Combustion Facilities (USEPA Combustor Protocol; USEPA 2005b);
2. US Navy Human Health Risk Assessment Guidance (PIONEER 2008); and
3. USEPA Risk Assessment Guidance for Superfund (USEPA 1989).

The HHRA process is comprised of the following steps:

1. **Data Evaluation and Reduction.** In this step, COPCs were identified in soil, tap water, indoor air, and outdoor air inside Camp Justice and the amount of the COPCs that were emitted from the ACIs, the air concentrations at different receptor locations, and the amount of wet and dry deposition were predicted. Data evaluation and reduction tasks are presented in Section 2.
2. **Exposure Assessment.** In this step, potentially exposed populations (i.e., receptors), exposure scenarios, complete exposure pathways, and exposure factors were identified. The algorithms used to calculate media concentrations and daily doses were also identified. Exposure assessment tasks are presented in Section 3.
3. **Toxicity Assessment.** In this step, toxicity values for the COPCs identified in Step 1 were identified. Toxicity values included carcinogenic slope factors (where applicable) and noncarcinogenic reference doses (RfDs) and/or reference concentrations (RfCs), where applicable. Toxicity assessment tasks are presented in Section 4.
4. **Risk Characterization.** In this step, health risks associated with exposure to the COPCs were calculated using the information developed in Steps 1 through 3. The health risks are summarized in Section 5.
5. **Uncertainty and Sensitivity Analysis.** In this step, key uncertainties, either inherent in the evaluation or from site-specific analyses, which should be considered when interpreting the risks presented in this document were identified. In addition, the results of the risk assessment were evaluated to determine sensitivity to modifications of specific input parameters. Uncertainty and sensitivity analysis tasks are presented in Section 6.



Report Organization

This report is organized as follows:

- Section 1: Introduction
- Section 2: Data Evaluation and Reduction
- Section 3: Exposure Assessment
- Section 4: Toxicity Assessment
- Section 5: Risk Characterization
- Section 6: Uncertainty and Sensitivity Analysis
- Section 7: Conclusions
- Section 8: References



Section 2: Data Evaluation and Reduction

The purpose of the data evaluation and reduction step is to identify the data that will be evaluated in the HHRA. Two sources of data were used in this HHRA:

- Measured data from soil, air, and tap water samples collected in October 2015 and April 2016 Inside Camp Justice; and
- Modeled data from air dispersion and deposition modeling of ACI emissions.

Measured chemical concentrations in soil, tap water, indoor air, and outdoor air were screened to determine if they should be evaluated further in the HHRA and to identify COPCs. Modeled chemical concentrations for soil and outdoor air were calculated using a model (AERMOD) recommended by the USEPA for this type of assessment.

Three ACIs (Air Burners Fire Box Model S-327) burn MSW at NSGB (northeast of Camp Justice) 24-hours per day, six days per week and have been in operation since 2000. The firebox is a self-contained, aboveground air curtain with a refractory-lined burn-container for portable and permanent (stationary) applications. According to the manufacturer, these units operate by burning the combustible material in an enclosed space with an open top, over which a high velocity curtain of air is directed to reduce the escape of large particles and to improve air circulation into the burning debris. Generally, the air flow inside the firebox provides circulation of air into the combustion zone and recirculates at least a portion of combustion byproduct back into the high temperature combustion region surrounding the debris. This combination of higher air flow into the combustion zone and recirculation of the combustion products is designed to reduce visible particulate matter (PM) emissions and provide increased gas phase residence times compared to open-pile burning.

Typical operation when burning MSW at NSGB is summarized below:

- The initial charge of MSW is loaded into the unit in the morning (typically before 8 AM, Monday through Saturday) and ignited, usually with diesel fuel or kerosene. The ignition process can generate a temporary puff of black smoke as the diesel fuel ignites, and smoke typically increases as subsequent loads of wastes are loaded.
- Once the MSW has ignited, the blower is started and additional waste is loaded into the unit as needed throughout the day to maintain combustion. The MSW consists of a mixture of wood, household garbage, yard waste, and other typical wastes. Generally, no auxiliary fuel is used to maintain good combustion within the unit. Burning occurs continuously and waste charging stops around 4-5 PM. The blower is turned off and the ACI is left to smolder overnight.

FIRE BOX SPECIFICATIONS

S-327

General: A self-contained, completely assembled above ground Air Curtain Burner (air curtain incinerator or FireBox) with a refractory lined burn-container for portable and permanent (stationary) applications. Designed for the high temperature burning of forest slash, land clearing debris, green waste, storm debris, and other waste streams in compliance with the requirements of US EPA 40CFR600.

Shipped from the factory completely assembled ready for immediate use and does not require disassembly for relocation. The firebox is also used for disaster recovery and Homeland Security contingencies and for certain MSW disposal applications. Electrically powered version available for permanent (stationary) installations.

1 Power	Four cylinder Turbo Diesel Engine 85 HP (Kubota V3600-TE or equivalent engine); full enclosure; security locks; Emission certified US EPA Tier4 compliant; Engine mounted PTO	
2 Burn Container (Firebox)	4" (102 mm) thick refractory panels filled with proprietary thermal ceramic material; Two full height rear doors; Two ignition holes	
3 Safety Systems	Engine over temperature shut down; Loss of cooling fluid shutdown; Loss of oil pressure shutdown	
4 Instrument Panel	Key switch, tachometer, hour meter, fuel gauge, oil pressure and water temperature indicators with safety shutdown feature and throttle; Lockable instrument panel	
5 Air Supply	Custom heavy duty fan	
6 Fuel Tank	65 Gallon (246 L) minimum fuel tank capacity	
7 Transportation & Set-up	Shipped completely assembled; Ready for immediate use; Lifting pads provided for crane lifting	
8 Options	Ash clean-out rake; Front deck security enclosure; Ember screen; Electric motor; Heat recovery; Rough-terrain removable dolly; Electric power generation (PG FireBox Series)	
9 Average Through-put	6-10 Tons per Hour (Average - See Note)	
10 Fuel Consumption	Approx. 3.5 Gal/Hr (13.3 L/Hr)	
11 Weight	54,600 lbs (24,800 kg)	
13 Dimensions	Overall Size L x W x H	Fire Box L x W x H
	37' 4" x 11' 10" x 9' 7" (11.40m x 3.6m x 2.9m)	27' 2" x 8' 5" x 8' 1" (8.3m x 2.6m x 2.46m)

Note: Achievable through-put depends on several variables, especially the nature of the waste material, the burn chamber temperature and the loading rate. All weights and dimensions are approximate and metric conversions are rounded. Subject to change without notice.

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Measured Data

A multimedia (soil, tap water, outdoor air, and indoor air) sampling event and a soil and air sampling event were conducted in October 2015 and April 2016, respectively. The soil, tap water, indoor air, and outdoor air data were evaluated to determine if they should be included in this HHRA. The October 2015 and April 2016 sample locations are presented in Figures 2-1 through 2-9. Statistical summaries for soil, outdoor air, indoor air, and tap water are presented in Tables 2-1 through 2-4, respectively.

The multimedia sampling event was conducted in October 2015 to characterize the nature and extent of chemical concentrations in soil, tap water, indoor air, and outdoor air at Camp Justice.¹³ Samples were collected in accordance with the Work/Sampling Plan (Resolution Consultants 2015b) and the results were documented in Overseas Baseline Environmental Assessment Report (Resolution Consultants 2015a).

An additional sampling event was conducted in April 2016 to evaluate mercury and formaldehyde concentrations in air, and polycyclic aromatic hydrocarbon (PAH) concentrations in soil detected above SLs in the October 2015 sampling event. Indoor air samples were collected in building AV-29 (in EU-8) to acquire data representative of breathing zone mercury concentrations.¹⁴ Additional air samples were collected to determine if engineering controls (ECs; e.g., wiring bathroom fans to run 24/7) implemented at the Cuzcos (EU-1 and EU-2) were reducing formaldehyde concentrations in indoor air. Additional soil samples were collected in EU-4 to better characterize PAH concentrations in EU-4 soil. The April 2016 mercury and PAH data were included in this HHRA because the data were considered representative of conditions on NSGB. The April 2016 formaldehyde data were not included in the HHRA because the data were not representative of historical indoor air concentrations. A summary of the October 2015 and April 2016 samples is presented in Table 2-5.

¹³ Asbestos, paint chips, and ionizing radiation samples were also collected during the October 2015 multimedia event. These samples were not included in this HHRA but will be addressed in the Final Public Health Review Report for Camp Justice.

¹⁴ The October 2015 mercury samples were collected at floor level along the cracks/seams, which are not representative of worker breathing zone exposures. In April 2016, 19 mercury samples were collected from the breathing zone. All sample results were not detected (and the detection limit was very sensitive [$0.31 \mu\text{g}/\text{m}^3$]) and concentrations were below the SL; therefore, mercury was not included in the risk assessment. No further action was recommended for the indoor air in Building AV-29. However, if construction or remodeling occurs that disturbs flooring, indoor air mercury concentrations should be monitored to ensure that they remain below appropriate health-based levels.



All analytical data packages were reviewed independently from the laboratory to assess data quality. The data were reviewed for conformance to the analytical methods and requirements of the July 2013 DoD Quality Systems Manual for Environmental Laboratories, Version 5.0. When the quality control parameters did not fall within the specific method or data review guidelines, the data reviewer qualified (flagged) the corresponding chemicals in accordance with the relevant standards in the following USEPA guidelines (Resolution Consultants 2015a, Resolution Consultants 2016):

- USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review. August 2014.
- USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review. August 2014.

Identification of Chemicals of Potential Concern for Measured Data

Measured data COPCs were identified by medium by comparing measured maximum detected soil, indoor air, and outdoor air concentrations to one-tenth of the USEPA default 26-year residential RSLs, which corresponds to a cancer risk of 1E-07 and noncancer hazard quotient (HQ) of 0.1 using generic, risk-adverse, exposure assumptions (USEPA 2016a). All tap water is provided by the NSGB Drinking Water Plant. Tap water concentrations were compared to USEPA MCLs, which are regulatory standards. The approach used to identify measured data COPCs is presented in Appendix B. The COPCs for Camp Justice (based on measured data only) are presented by medium below (ACI COPCs were evaluated separately):

Media	Measured Data COPC			
Soil	2,4-Dinitrotoluene 2,6-Dinitrotoluene Aluminum Antimony (metallic) Arsenic, Inorganic Benz[a]anthracene Benzo[a]pyrene	Benzo[b]fluoranthene Benzo[k]fluoranthene Chlordecone (Kepone) Chrysene Cobalt DDE DDT	Dibenz[a,h]anthracene Dieldrin Indeno[1,2,3-cd]pyrene Iron Lead and Compounds Mercury (elemental) Naphthalene	Nickel Soluble Salts p-Chloroaniline Thallium (Soluble Salts) Total Carcinogenic PAHS (BaP TEQs)
Indoor Air	1,2-Dichloroethane 1,3-Butadiene 1,4-Dioxane Benzene	Bromodichloromethane Bromoform Carbon Tetrachloride Chloroform	Ethylbenzene Formaldehyde Isopropanol	Mercury (elemental) Trichloroethylene Vinyl Chloride
Outdoor Air	1,2-Dichloroethane Benzene Carbon Tetrachloride Chloroform			



No COPCs were identified for tap water. One chemical concentration slightly exceeded the MCL in a portable men’s latrine (total trihalomethanes were detected at 81 µg/L, [the MCL is 80 µg/L] in one of 18 tap water samples).

Emission Rates

ACI emission rates were calculated using the data collected during the April 2016 emissions sampling event and are presented in Table 2-6. The three ACIs are identical; therefore, the emission source tests were performed on a single ACI (i.e., it was assumed that results from one ACI were representative of emissions from all of the ACIs). Sampling was conducted over 10 days; daytime samples were collected during the first five days and nighttime samples were collected during the last five days. Separate daytime and nighttime samples were collected because the operating parameters for ACIs were different in the day and night and may have resulted in different particle size distributions and different emission rates for chemicals. MSW is only loaded into the ACIs during the day and the ACI fans only operate during the day. No MSW is loaded into the ACIs at night and the ACI fans do not operate at night, which likely results in less efficient combustion and potentially smoldering conditions. The emission rate for each sampled chemical was used to calculate the arithmetic-average exhaust concentration for the chemical. The emission rate summary statistics used to develop emissions estimates are presented in Appendix F.

The ACIs’ locations and configurations were input into AERMOD. A Cartesian coordinate system was used to input the ACIs’ locations into AERMOD. Since the earth is not flat, any Cartesian coordinate system is the result of a projection of a non-flat surface onto a flat map plane. For short distances (e.g., few kilometers), the curvature of the earth is insignificant, but for distance as large as NSGB, it is important to use a consistent approach. For the current analysis, the Universal Transverse Mercator (UTM) system was used. The UTM system is widely used by the United States Geological Survey (USGS) and is the standard system for most large-scale air modeling analyses. The use of UTM coordinates also requires the specification of a "datum" or reference point. For this HHRA, the North American Datum (NAD) for 1983 was used. UTM coordinates are typically in units of meters or kilometers. The ACIs’ coordinates in UTM units are presented on the table below:

ACI Coordinates: UTM; NAD 1983		
ACI	X Coordinate (meters)	Y Coordinate (meters)
1	490,201.9	2,207,351.2
2	490,229.34	2,207,373.2
3	490,255.47	2,207,378.0



The ACIs' configurations (stack height and stack diameter) were determined using specification sheets obtained from the ACI manufacturer and were verified in the field. Exhaust temperatures and actual flow rates were determined during the sampling event and were entered into a database for each test run. Several hundred actual flow rates (i.e., exit velocities) and exhaust temperatures were averaged and the averaged values are presented in Table 2-7.

Modeled Data for ACIs

Modeled air concentrations and deposition rates were calculated to account for chemicals detected in ACI emissions (e.g., dioxins) and predict current and future risks as the ACIs are currently expected to operate for another 14 years (i.e., 30 years total). An air quality model is a mathematical characterization of the atmospheric transport processes of dispersion and deposition, and is generally implemented using complex computer programs. The air dispersion and deposition model used for this HHRA (i.e., AERMOD) incorporated chemical air emissions source information, area meteorology, and topography to estimate airborne concentrations and deposition rates for locations where receptors could potentially be exposed (see Figure 1-3).

Deposition rates are classified into two processes: *wet deposition* and *dry deposition*. Wet deposition is the process of removing chemicals from the air via all forms of precipitation (e.g., rain, snow, and fog). Dry deposition is the process of removing chemicals from the air via direct contact with the earth's surface. One process that causes dry deposition is gravity. Larger particles are drawn to the earth's surface by the force of gravity. However, gravity is not the only mechanism for dry deposition. Smaller particles and gases are mostly unaffected by gravity, and the primary dry deposition mechanism for them is turbulent motions within the atmosphere which bring them in contact with the earth's surface.

Modeling was used in the HHRA in lieu of direct measurements due to the limitations associated with direct measurements. In addition to being more expensive and time consuming than air quality models, direct measurements have limitations which preclude their use in most risk assessments. In particular, direct measurements:

- Cannot discriminate the source of a COPC, which is the goal of air modeling.
- Can be very limited in time and space and essentially are "snapshots" of the conditions at a particular time and location, while an air quality model can be used to estimate concentrations at any desired location, for any specified time over multiple years (including changes in weather).
- Can be limited by analytical detection limits, while air quality models use the higher values closer to the source to estimate distant values.
- Cannot be used to estimate conditions in the future or in the past, while air quality models can be used to estimate (within the uncertainties of the assumptions of the model) conditions when no measurements were taken.



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The air dispersion and deposition modeling for this HHRA was performed in accordance with USEPA Combustor Protocol to determine potential outdoor air concentrations, dry deposition rates, wet deposition rates, and total deposition rates (USEPA 2005b).

An ACI emission sampling event was performed in April 2016. The sampling event was performed over 10 days (during the day for the first five days of sampling and at night for the last five days of sampling). The sampling was performed in accordance with the Sample Plan: Air Curtain Incinerator (presented in Appendix C) and USEPA Combustor Protocol (USEPA 2005b). All stack samples collected during the April 2016 ACI emissions sampling event were included in the HHRA and the analytical data are presented in the April 2016 ACI Emission Test Report (Ambient Air Services, Inc. [AASI] 2016). All analytical data packages were reviewed independently from the laboratory to assess data quality. The data were reviewed for conformance to the analytical methods. When the quality control parameters did not fall within the specific method or data review guidelines, the data reviewer qualified (flagged) the corresponding chemicals in accordance with the relevant standards (AASI 2016):

- USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review. August 2014.
- USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review. August 2014.
- The US Army Corps of Engineers (USACE) Chemical Quality Assurance for Hazardous, Toxic, Radioactive Waste Projects Engineer's Manual (USACE 1997).

The typical types of waste (load composition) for the ACIs are presented below and described in more detail in Appendix D.

Waste Type	Annual Total Weight (tons)	Annual Percent Composition (%)
Trash	1,337	9.99
Yard Waste	1,060	7.92
Tires	109	0.81
Tire Stockpile	110	0.82
Construction and Demolition Wood	2,025	15.13
Household Garbage	5,422	40.5
Grease Trap Waste	3,176	23.72
Cooking Grease/Sewage Sludge	10	0.07
Rubber	24	0.18
Telephone Pole	62	0.47
Telephone Pole Stockpile	15	0.11
Waste Oil	37	0.27



Waste Type	Annual Total Weight (tons)	Annual Percent Composition (%)
Total	13,387	100

Air Quality Model Selection

Modeling was performed using the AERMOD Modeling System (Version 15181).¹⁵ The USEPA recommends using AERMOD for this type of air modeling assessment (i.e., an ACI emission source).¹⁶ AERMOD is generally considered a conservative model (i.e., the algorithm and assumptions incorporated into the model are intended to overestimate concentrations versus underestimate concentrations). The Gaussian Plume analytical solution is used in AERMOD to compute concentrations throughout the model domain (i.e., the area where concentrations and deposition are predicted by the model). The Gaussian Plume solution for the complex differential equations, which govern atmospheric dispersion in the lower layers of the atmosphere, assumes that conditions are in a steady state.

Air Quality Model Inputs

The AERMOD model requires extensive input information which can be grouped into three general categories:

- **Emission Source Data:** Emission information, including the emission rates and the conditions of release
- **Meteorological Data:** Atmospheric motions and other conditions that affect the transport, dispersion, and deposition of COPCs
- **Receptor Data:** The locations (receptors) for which the model will compute air concentrations and deposition rates

An overview of the major input data groups used in the air quality model are discussed in the following subsections. All of the inputs used in the air quality model are presented in Appendix E.

¹⁵ https://www3.epa.gov/ttn/scram/dispersion_prefrec.htm#aermod

¹⁶ The Guideline on Air Quality Models (GUIDELINE) is produced and regularly updated by the USEPA and provides direction on selecting air quality models to use for specific applications (40 CFR, Part 51). For the current modeling analysis, the GUIDELINE and USEPA Combustor Protocol indicate that AERMOD is the appropriate model to use for the ACIs.



Emission Source Data

The emission source data input into AERMOD (i.e., the ACI locations and model configurations), including emission rates, exhaust flow rates, and temperatures are discussed in this section.¹⁷ In addition, a discussion of how chemicals emitted from the ACIs are categorized is discussed in this section.

Chemical Categorization for Air Dispersion and Deposition Modeling

The COPCs identified for the ACIs include all chemicals detected in emission testing. The COPCs emitted from the ACIs fall into several categories and are listed in the table below. Some COPCs are simple gases (e.g., oxides of nitrogen, sulfur dioxide, carbon monoxide). Some COPCs exist in particulate form, or may initially be gases and then condense onto other particles or attach to particles in the atmosphere.

	ACI COPCs			
Metals/ Elements	Antimony Arsenic, Inorganic Barium Beryllium Cadmium	Chromium Cobalt Copper Lead Manganese	Mercury (+2) Mercury (elemental) Mercury (methyl) Nickel Phosphorus	Selenium Silver Titanium Zinc
Gases/ Particulates	Hydrogen cyanide Nitrogen oxides Hydrogen sulfide	Hydrogen chloride Carbon monoxide Total reduced sulfur	Carbon dioxide Sulfur dioxide Total suspended particulates	PM ₁₀ PM _{2.5}
PAHs	1-Methylnaphthalene 1-Methylphenanthrene 2,3,5-Trimethylnaphthalene 2,6-Dimethylnaphthalene 2-Methylnaphthalene Acenaphthylene	Acenaphthene Anthracene Benz[a]anthracene Benzo[a]pyrene Benza[e]pyrene Benzo[b]fluoranthene	Benzo[g,h,i]perylene Benzo[k]fluoranthene Biphenyl Chrysene Dibenz[a,h]anthracene Fluoranthene	Fluorene Indeno[1,2,3-cd]pyrene Naphthalene Perylene Phenanthrene Pyrene
Polychlorinated Biphenyls (PCBs)	Dichlorobiphenyl Trichlorobiphenyl Heptachlorobiphenyl	Hexachlorobiphenyl Monochlorobiphenyl	Nonachlorobiphenyl Octachlorobiphenyl	Pentachlorobiphenyl Tetrachlorobiphenyl
Dioxins	1,2,3,4,6,7,8-HpCDD	1,2,3,6,7,8-HxCDD	2,3,4,6,7,8-HxCDF	2,3,7,8-TCDD

¹⁷ Information about buildings and other structures near the emission source are also typically included in the model to determine the aerodynamic effects (wakes) these structures create. Aerodynamic wakes can affect the transport and dispersion of COPCs in air in a process generally referred to as “downwash.” However, there are no buildings located proximate to the ACIs, consequently; building downwash was not included in the air model.



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	ACI COPCs			
	1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF 1,2,3,4,7,8-HxCDD 1,2,3,4,7,8-HxCDF	1,2,3,6,7,8-HxCDF 1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF	2,3,4,7,8-PeCDF 1,2,3,7,8-PeCDD 1,2,3,7,8-PeCDF	2,3,7,8-TCDF OCDD OCDF
Semi-volatile Organic Compounds	1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,4-Dimethylphenol 2-Chlorophenol	2-Methylphenol 2-Nitrophenol 3-Methylphenol 4-Methylphenol 4-Nitrophenol Acetophenone	Benzoic Acid Benzyl alcohol Bis(2-ethylhexyl) phthalate Butyl benzyl phthalate Carbazole Dibenzofuran	Dimethyl phthalate Di-n-butyl phthalate Di-n-octyl phthalate Hexachlorobutadiene Phenol Pyridine
Volatile Organic Compounds	1,1,1,2-Tetrachloroethane 1,1,1-Trichloroethane 1,1-Dichloroethane 1,2,3-Trichlorobenzene 1,2,3-Trichloropropane 1,2,4-Trimethylbenzene 1,2-Dibromoethane 1,2-Dichloroethane 1,3,5-Trimethylbenzene 1,3-Dichloropropane 2-Butanone 2-Chlorotoluene 2-Hexanone	Benzene Bromobenzene Bromochloromethane Bromodichloromethane Bromomethane Carbon disulfide Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroethane Chloroform Chloromethane Cis-1,2-Dichloroethene	Cis-1,3-Dichloropropene Dibromomethane Dichlorodifluoromethane Ethylbenzene Isopropylbenzene Methyl isobutyl ketone Methylene chloride n-Butylbenzene Xylene (m- & p-) o-Xylene p-Chlorotoluene p-Isopropyltoluene	n-Propylbenzene sec-Butylbenzene Styrene Tert-Butylbenzene Tetrachloroethene Toluene Trans-1,2-Dichloroethene Trans-1,3-Dichloropropene Trichloroethene Trichlorofluoromethane Vinyl chloride
Aldehydes	Acetaldehyde	Formaldehyde	Propionaldehyde	
Dinitro Toluenes	2,4-Dinitrotoluene	2,6-Dinitrotoluene		

The emission test protocols for PM smaller than a certain size follow USEPA’s Method 5 (40 Code of Federal Regulations [CFR], Part 60). The particle measurement methods distinguish between the solid-phase solid matter particles found in an exhaust stack with elevated temperatures and the particles that will condense in the atmosphere after emission. The terms used to distinguish these two types of particles are “front half” and “back half,” referring to the measurement method where latter stages of the emission measurement train condense out the material in gaseous form (the back half).¹⁸ PM is addressed in the HHRA as PM and as individual chemicals

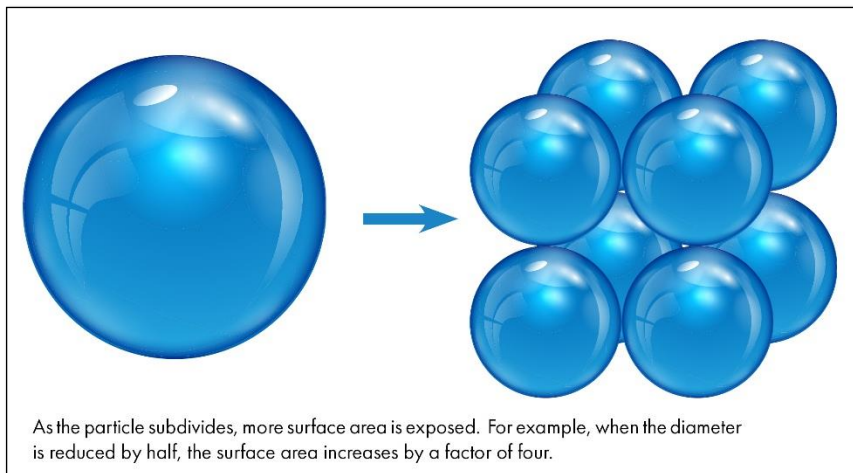
¹⁸ The PM emissions in this HHRA include both the front half and the back half.



contained within or bound to the particles emitted by the ACIs. The emission rates presented in Table 2-6 show PM as total and as individual COPCs.

The process of condensation onto the surface of particles is important. COPCs exhibit unique behaviors in combustion systems; some are formed as gases and stay as gases and others enter as solid matter, are volatilized by the high temperatures of combustion, and remain as gases until exiting the exhaust stack. These unique behaviors are addressed in the USEPA Combustor Protocol by assigning chemicals to one of the following classes:

- **Particle Bound:** The COPC is volatilized in the combustion chamber and completely condensed on the available surface area of the particles in the exhaust stream (also called



surface distributed in some references)

- **Particle Phase:** The quantity of the COPC is distributed throughout the mass of the particle (also called mass distributed in some references)

- **Gases:** The COPC exists solely as a gas after combustion

An analysis method for determining each COPC's class is presented in the USEPA Combustor Protocol (USEPA 2005b). The class is important for determining how a chemical will be distributed within the various sizes of particles in the flue gases. Chemicals that volatilize and condense will condense on the available surface area, thus it is important to consider surface area as a function of particle size. The surface area to mass ratio of a particle increases as the particle size gets smaller; hence, smaller particles have more available surface area than larger particles compared to mass. For example, consider two spherical particles, one with a diameter of 1 micrometer and one with a diameter of 10 micrometers. The 10 micrometer particle has 1000 times as much mass, but only 100 times as much surface area. In the case where an emitted chemical were to be contained entirely on these two particles, if it did not volatilize, only 1/1000 of it would be on the small particle. Conversely, if it were to volatilize and re-condense on the available surface area, 1/100 of the chemical would be on the small particle. As a result, the volatilization and re-condensation process in the combustion system for particle-bound chemicals results in more of the chemical mass being found on the small particles. The class assignment for each modeled chemical is presented in Table 2-6.



AERMOD addresses particle deposition by assigning each PM source a particle-size distribution, which specifies the mass-fraction of the total emitted chemical contained in each of a series of particle-size classes. The above phenomenon is addressed in the air quality modeling by using a different particle-size distribution for a chemical that volatilizes than for a chemical that does not volatilize. Particle-size distributions were measured at the ACIs during an April 2016 sampling event and were used to determine the particle-size distributions for the HHRA. For particle-bound chemicals, the surface area distributions were computed from the particle-phase size distributions based on the surface areas to mass ratios for spherical particles of the same diameter.

The particle-size distributions used in the air quality modeling are presented below:

Particle-Size Distributions (Based on Cascade Impactor Results) Used in the Air Quality Modeling		
Average Cut Diameter (μm)	Emission Rates (g/sec)	
	Day	Night
9.2	0.56	0.38
3.6	0.14	0.20
1.8	0.20	0.30
1.0	0.26	0.61
0.5	0.65	0.90
0.2	1.28	2.45

Meteorological Data

Meteorological data from the Guantanamo Leeward Point Airport from 2008 through 2012 (i.e., the most current 5-year period) were included in this HHRA. Guantanamo Leeward Point Airport is a Class A National Weather Service site (Class A sites are attended by an operator 24 hours per day) which means it collects very high quality meteorological data. A five-year data set is recommended for air modeling in the USEPA Combustor Protocol and is considered representative of the range of conditions that an area can experience (USEPA 2005b).

Raw meteorological data must be processed before being input into AERMOD. The USEPA provides a separate computer program (AERMET) for processing the raw National Weather Service meteorological data into a format that can be used in AERMOD.¹⁹ The meteorological variables used in the model are presented below:

¹⁹ <http://www.epa.gov/ttn/scram/>



Meteorological Processing Variables	
Parameter	Value
Station Latitude (decimal degrees)	19.900 degrees N
Station Longitude (decimal degrees)	75.133 degrees W
Station Time Zone	5
Anemometer Height	10 meters

The wind direction and speed from 2008 through 2012 were primarily from the north and northwest (to the south and southeast); however, the strongest winds were from the southeast (see Figure 2-10). The wind frequency distribution on Figure 2-10 shows each spoke of wind blowing towards the center of the figure and the relative frequency of the wind from each direction. The length of the bar indicates the relative frequency of each wind speed and direction.

Receptor Data

The area for which data were modeled was determined primarily by the receptors being evaluated. Models are only valid a certain distance from the emission source; thus, it was important not to extend the model predictions beyond the range of applicability of the model being used. For AERMOD, the applicable range is approximately 50 kilometers. Therefore, receptors were extended out to the NSGB boundary.²⁰

A nested grid system was used for NSGB (see Figure 2-11). The outer (coarse) grid node spacing was set at two kilometers (this applied to receptor points in the Caribbean Sea only). For the area within one square kilometer of the ACIs, a grid note spacing of 100 meters was used. For the remaining area within the NSGB boundary (outside of the one square kilometer grid and the Caribbean Sea), a grid spacing of 250 meters was used. After eliminating duplicate receptors in the grid system, a total of 2,021 receptor locations (grid nodes) were included in the grid system.

Topographic elevations for the receptors were determined from USGS digital elevation model (DEM) data for the area (see Figure 2-12).²¹ A commercial software program (Surfer™ 7) was used to extract data to interpolate topographic elevations at the receptor locations. As with the emission sources, the UTM system was used for identifying receptor locations.

²⁰ Receptors in Cuba outside the NSGB perimeter were not included in the HHRA.

²¹ <http://edc.usgs.gov/doc/edchome/ndcdb/ndcdb.html>



Air Modeling Results

Since the three NSGB ACIs were assumed to be different only in their locations, modeling was performed using normalized emission rates. In a normalized approach, model runs are made for a hypothetical chemical emitted at a rate of 1 gram per second (g/sec). In the Gaussian Plume formulation, the concentration and deposition rate are directly proportional to emission rate, so the concentration and deposition rate for a chemical species can be computed by multiplying the normalized concentration by the emission rate of the specific chemical in g/sec. Normalized runs were made for the three chemical classes (particle-bound, particle-phase, and gases). During each run, annual average concentrations and deposition rates were computed.

In accordance with the USEPA Combustor Protocol, five years of modeled data were used to calculate the average annual concentration and deposition rate for each receptor location (USEPA 2005b). Both daytime and nighttime average annual concentrations and total depositions were calculated since daytime and nighttime emission rates were different. The maximum annual average concentrations and deposition rates were primarily in the eastern portion of NSGB, proximate to the ACIs. The average annual particle-bound and particle-phase chemical outdoor air concentration and total deposition contours are presented on Figures 2-13 through 2-20. The average annual concentration contours for gases are presented on Figures 2-21 and 2-22.²²

The maximum point of impingement (MPOI) for each land use EU (i.e., Residential, Commercial/Industrial/Mixed Use, and Camp Justice) is presented in Figure 2-23.²³ The MPOI represents the location on the receptor grid (with the exception of the ACI area, Guantanamo Bay, or Caribbean Sea) where the highest concentration/deposition is predicted to occur. The maximum five-year average normalized²⁴ results from the modeling analysis are presented in Table 2-8 by land use EU. The maximum concentration and total deposition rate were multiplied by the emission rate for each chemical to show the chemical-specific predicted impact (see Table 2-9).

²² The values presented in the figures are normalized and were used to show the spatial distribution of modeled results only. Each value must be multiplied by the actual measured ACI emission rate for each chemical in grams per second to compute an actual concentration or deposition rate for a specific chemical.

²³ The maximum point of impingement for commercial/industrial and mixed land use is the same.

²⁴ In a normalized approach, model runs are made separately for a hypothetical particle-bound chemical, particle-phase chemical, and gases emitted at a rate of 1 gram per second. The normalized concentration and deposition rate predicted by the model must be multiplied by the actual measured ACI emission rate for each chemical in grams per second to compute an actual concentration or deposition rate for a specific chemical. This approach simplifies the air dispersion and deposition modeling because only a single model run is required for each chemical class (i.e., particle-bound, particle-phase, or gases).



Section 3: Exposure Assessment

The purpose of this exposure assessment is to present the conceptual site model (CSM) for NSGB and identify complete exposure pathways for each receptor evaluated in the HHRA. A COPC poses a risk to human health only if the exposure pathway is complete. A complete exposure pathway consists of the following elements:

- A source and mechanism of COPC release to the environment (e.g., ACI)
- An environmental transport medium for the released COPC (e.g., particulates released to the air from ACI emissions)
- An exposure point (e.g., a point of potential human contact with the impacted medium) which includes a location where humans are present and where there is an activity that results in exposure, referred to as the exposure scenario
- An exposure route (e.g., inhalation, dermal contact) at the exposure point

In order for a COPC to pose a risk to human health, a complete exposure pathway must be present. A complete exposure pathway may result in possible health effects and is evaluated further in the HHRA. An incomplete exposure pathway results in no exposure, no health effects, and is not evaluated further in the HHRA. An exposure scenario is the combination of complete exposure pathways to which a single receptor may be subjected. Daily doses (i.e., the amount of COPCs that an individual would be exposed to each day [mg/kg-day]) for each exposed population (e.g., children and adults) are calculated using exposure factors that apply to each population evaluated. The results of the exposure assessment are combined with toxicity information (see Section 4) to characterize potential risks (see Section 5).

Conceptual Site Model

The CSM provides an understanding of the potential for exposure to COPCs, under current and future land uses, within an area based on contamination sources, release mechanisms, exposure pathways, and receptors. A CSM was developed for NSGB based on potential exposure to COPCs associated with sources Inside Camp Justice and potential exposure to COPCs with ACI emissions Inside and Outside Camp Justice. Due to the complexity of this HHRA (the number and combination of locations where receptors can be exposed), the CSM is presented in three figures:

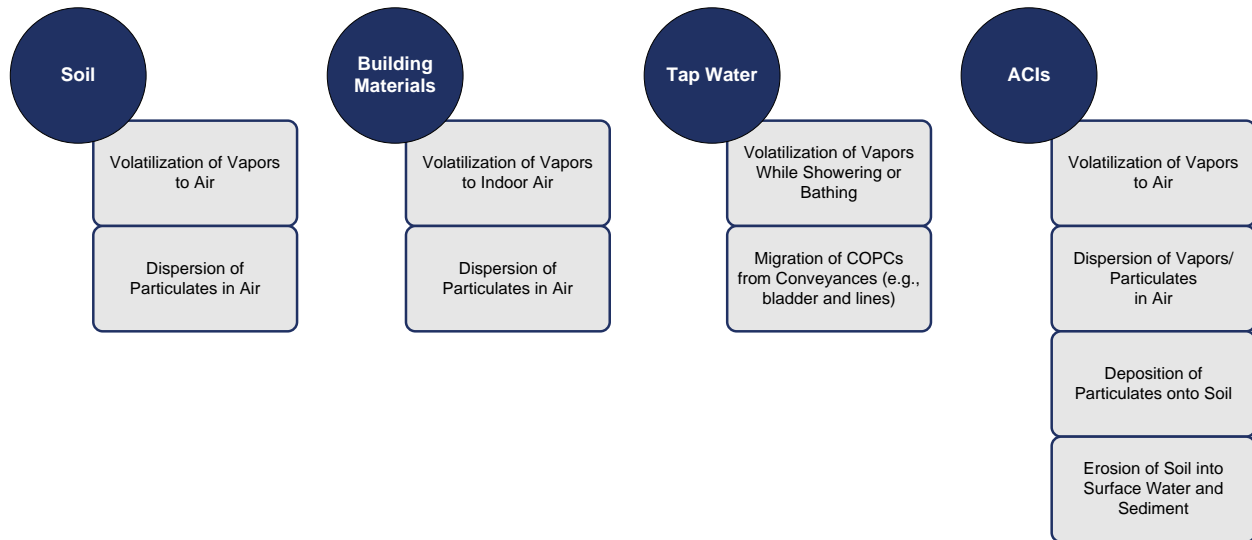
1. Receptors who live and work Inside Camp Justice or only work Inside Camp Justice (see Figure 3-1)
2. Receptors who live and work Outside Camp Justice (see Figure 3-2)



3. Receptors who live Outside Camp Justice and who work Inside Camp Justice (see Figure 3-3)

The CSM is also summarized on Table 3-1.

The contamination sources and transport mechanisms to be evaluated in the HHRA are as follows:



Three ACIs have been used to burn MSW at NSGB (northeast of Camp Justice) 24-hours per day, six days per week since 2000 (see Section 2). The maximum operational life of the ACIs is predicted to be 30 years; therefore, it was assumed that the ACIs will continue to function at current capacity from 2016 – 2030 and the remaining operational lifetime for the ACIs after data collection for this HHRA is 14 years. The planned future use of the ACIs is to continue to operate the ACIs through 31 January 2021.²⁵

The components of the CSM (e.g., Current and Future Land Use and Exposure Scenarios) are presented in the following sections.

²⁵ On 28 October 2016, NSGB (CO NSGB ltr 5090 N00 28 Oct 16) requested renewal of the waiver to the Final Governing Standards to continue to operate the incinerators through 31 January 2021. This was endorsed by Commander Navy Region Southeast (CNRSE) on 3 November 2016 and by US Naval Forces Southern Command on 10 November 2016 and is now under consideration by United States Southern Command (SOUTHCOM).



Current and Future Land Uses

Current and future land uses at NSGB were evaluated to determine how, when, and where a receptor may be exposed to COPCs. The current and future uses of the ACIs were also evaluated to determine receptor exposure to COPCs due to ACI emissions at NSGB.

Summary of Current and Future Land Use Inside Camp Justice

Current land use Inside Camp Justice is limited to military operations by active duty military²⁶ and commercial/industrial uses by workers including US government employees, civil service employees, and contractors. The existing buildings and infrastructure Inside Camp Justice are expected to remain the same in the future. Families are not permitted to live Inside Camp Justice. In addition, children are not allowed Inside Camp Justice on a regular basis (although they may visit occasionally). Due to their very limited access (and limited potential for exposure), children were not evaluated for exposures Inside Camp Justice. Some receptors live and work Inside Camp Justice. Limited housing opportunities are available Inside Camp Justice and include the EU-1 (Old Cuzcos), EU-2 (New Cuzcos), and EU-7 (Tents) for unaccompanied individuals. Most receptors who work Inside Camp Justice live Outside Camp Justice. Typical military tour lengths at Camp Justice are 9 months, 3 years, and 6 years. Civilians may be at Camp Justice 9 months, 3 years, 6 years, and up to 25 years. For the purposes of the HHRA, future land use was assumed to be consistent with current land use.

Summary of Current and Future Land Use Outside Camp Justice

Current land use Outside Camp Justice is residential, commercial/industrial, and military operational or mixed use (or a combination of these uses). Commercial/industrial workers, active duty military, and their families (including children) live and work Outside Camp Justice. Subsistence farming and subsistence fishing are not permitted at NSGB. Recreational fishing, including spear-fishing, is a popular activity at NSGB. Typical military tour lengths at NSGB are 9 months, 3 years, and 6 years. Civilians may be at NSGB 9 months, 3 years, 6 years, and up to 25 years. For the purposes of the HHRA, future land use was assumed to be consistent with current land use.

²⁶ In this report, the term active duty military includes both active duty military and active duty reserve military.



Exposure Scenarios Evaluated in the HHRA

The exposure scenarios that were evaluated in the HHRA are discussed in this section. An exposure scenario is the combination of complete exposure pathways to which a single receptor may be subjected.

Receptors can be exposed to COPCs via ingestion, inhalation, or dermal contact depending on the COPCs and where they are found in the environment. Receptors can be exposed directly to COPCs originating from a source (e.g. inhaling vapors or particles released into the air by ACIs) or indirectly to COPCs when COPCs are released from a source and distributed in the environment where they can ultimately result in human exposures (e.g. contacting soil on which ACI emissions have deposited).

Complete and incomplete exposure pathways were determined based on current and future land uses for NSGB. Complete exposure pathways are those that are expected to occur for a receptor (only complete exposure pathways were evaluated in this HHRA). Incomplete pathways result in no exposure and no health effects and do not require further evaluation in this HHRA. Complete and incomplete pathways are presented on Figures 3-1, 3-2, 3-3, and summarized in Table 3-1.²⁷

Tap water was screened out of the HHRA due to very low risk (see Section 2 and Appendix B). Bottled water is used for ingestion at Camp Justice.

Inside Camp Justice Exposure Scenarios

The Inside Camp Justice exposure scenarios account for exposures to adults who (1) live and work inside of Camp Justice (Adult Resident/Workers) or (2) work inside of Camp Justice only (Adult Workers). Inside Camp Justice Adult Resident/Workers and Adult Workers were evaluated using exposure durations representative of the tour or job lengths inside of Camp Justice. Adult Resident/Workers were assumed to be exposed to COPCs inside of Camp Justice for 24 hours/day. Adult Workers were assumed to be exposed to COPCs inside of Camp Justice for 8 hours/day (consistent with typical occupational exposures). Adult Workers were assumed to spend non-work hours (16 hours/day) outside of Camp Justice in an area *unaffected by ACI emissions* (i.e., an area with no exposures).

Adult Workers who work Inside Camp Justice 8 hours/day and spend non-work hours (16 hours/day) Outside Camp Justice in an area **affected** by ACI emissions were also evaluated in the HHRA. See the Combined Inside and Outside Camp Justice Exposure Scenario discussion on page 3-6.

²⁷ Although identified as a complete exposure pathway, ingestion of tap water was screened out of the HHRA due to very low risk (see Section 2 and Appendix B). Bottled water is used for ingestion at Camp Justice.



Receptors Who Live and Work Inside Camp Justice or Only Work Inside Camp Justice.

The following receptors were evaluated for exposures Inside Camp Justice:

- **Adult Resident/Workers**
 - Live and work Inside Camp Justice
 - Live Inside Camp Justice in EU-1 (Old Cuzcos), EU-2 (New Cuzcos), or EU-7 (Tents)
 - 16 hour/day exposures at home
 - Work Inside Camp Justice in EU-3 (ELC), EU-4 (AV-34), EU-5 (AV-31), EU-6 (AV-32), EU-7 (Tents), or EU-8 (AV-29)
 - 8 hour/day exposures at work
 - Complete exposure pathways evaluated in the HHRA (see Figure 3-1)
 - Ingestion of Soil
 - Dermal Contact with Soil
 - Inhalation of Particulates/Vapors
 - Ingestion of Fish/Shellfish

} Impacted by sources at Camp Justice and by emissions from the ACIs

} Impacted by emissions from the ACIs only
- **Adult Workers**
 - Work Inside Camp Justice only (live Outside Camp Justice)
 - Live Outside Camp Justice in a residence that is not impacted by emissions from the ACIs (i.e., no exposures while at home)
 - Work Inside Camp Justice in EU-3 (ELC), EU-4 (AV-34), EU-5 (AV-31), EU-6 (AV-32), EU-7 (Tents), or EU-8 (AV-29)
 - 8 hour/day exposures at work
 - Complete exposure pathways evaluated in the HHRA (see Figure 3-1)
 - Ingestion of Soil
 - Dermal Contact with Soil
 - Inhalation of Particulates/Vapors

} Impacted by sources at Camp Justice and by emissions from the ACIs

Outside Camp Justice Exposure Scenarios

Outside Camp Justice exposure scenarios account for exposures to children and adults who live Outside Camp Justice (Child and Adult Residents) and adults who work Outside Camp Justice (Adult Workers). Outside Camp Justice Child and Adult Residents were evaluated using exposure durations representative of the tour or job lengths outside of Camp Justice. Child and Adult Residents were assumed to be exposed to COPCs outside of Camp Justice for 24 hours/day. Adult Workers were

Adult Workers who work at Inside Camp Justice 8 hours/day and spend non-work hours (16 hours/day) Outside Camp Justice in an area **affected** by ACI emission were also evaluated in the HHRA. See the Combined Inside and Outside Camp Justice Exposure Scenario discussion on page 3-6.



assumed to be exposed to COPCs outside of Camp Justice for 8 hours/day (consistent with typical occupational exposures). Adult Workers were also assumed to spend non-working hours (16 hours/day) outside of Camp Justice an area *unaffected by ACI emissions* (i.e., an area with no exposures). For these receptors, COPC exposures were exclusively from emissions from the ACIs.

Receptors Who Live and Work Outside Camp Justice

The following receptors were evaluated for exposures outside Camp Justice:

- **Child and Adult Residents**
 - Live Outside Camp Justice in a residential area
 - 24-hour/day exposures at home
 - Complete exposure pathways evaluated in the HHRA (see Figure 3-2)
 - Ingestion of Soil
 - Dermal Contact with Soil
 - Inhalation of Particulates/Vapors
 - Ingestion of Fish/Shellfish
- **Adult Workers**
 - Work Outside Camp Justice
 - 8 hour/day exposures at work
 - Live Outside Camp Justice in a residence that is not impacted by emissions from the ACIs (i.e., no-exposures while at home)
 - Complete exposure pathways evaluated in the HHRA (see Figure 3-2)
 - Ingestion of Soil
 - Dermal Contact with Soil
 - Inhalation of Particulates/Vapors

Impacted by emissions from the ACIs only

Impacted by emissions from the ACIs only

Combined Inside and Outside Camp Justice Exposure Scenario

The Combined Inside and Outside Camp Justice exposure scenario accounts for exposures to receptors who live outside of Camp Justice and work inside Camp Justice (Adult Resident/Workers).²⁸ This scenario accounts for a combination of residential exposures (Outside Camp Justice) and occupational exposures (Inside Camp Justice). For the Adult Resident/Workers, it was assumed that these receptors live at a location that is impacted by emissions from the ACIs. Occupational exposures for these receptors originate from sources inside Camp Justice and from ACI emissions that reach Camp Justice.

²⁸ Exposures to COPCs were evaluated for both locations (home and work).



Receptors Who Live Outside Camp Justice and Work Inside Camp Justice (Combined)

The following receptors were evaluated for exposures while living outside Camp Justice and while working inside Camp Justice:

- **Adult Resident/Workers**
 - Live Outside Camp Justice in a residential area
 - 16 hour/day exposures at home
 - Work Inside Camp Justice in EU-3 (ELC), EU-4 (AV-34), EU-5 (AV-31), EU-6 (AV-32), EU-7 (Tents), or EU-8 (AV-29)
 - 8 hour/day exposures at work
 - Complete exposure pathways evaluated in the HHRA (see Figure 3-3)
 - Ingestion of Soil
 - Dermal Contact with Soil
 - Inhalation of Particulates/Vapors
 - Ingestion of Fish/Shellfish

} Impacted by sources at Camp Justice and by emissions from the ACIs

} Impacted by emissions from the ACIs only

Quantifying Exposure

Quantifying the magnitude, frequency, and duration of exposure for the complete exposure pathways identified for each exposure scenario is the last step in the exposure assessment. The basic equation used to calculate daily dose of a chemical is:

$$DD = C \times HIF \times MF$$

where,

Parameter	Definition
DD	Daily dose in mg/kg-day (mg of COPC per kg of body weight per day)
C	Concentration of the COPC in soil or fish (mg/kg) or air (mg/m ³)
HIF	Human intake factor (product of all intake factors necessary to quantify exposure) in units per day ⁻¹
MF	Exposure pathway and chemical specific modifying factors (e.g., gastrointestinal absorption rate) with variable units

Each variable in this equation has a range of possible values. The intake variables for each pathway were selected so that the combination of all intake variables resulted in a realistic upper-bound estimate (referred to by USEPA as a reasonable maximum exposure [RME]) for that pathway.

Quantitative characterization of carcinogenic and noncarcinogenic effects required estimating the potential human exposure level for each COPC. The daily dose for carcinogens were averaged over the lifetime of the exposed individual (i.e., 70 years) and is referred to as lifetime average



daily dose (LADD). The daily dose for noncarcinogens were averaged over the duration of exposure and are referred to as average daily dose (ADD).

The daily dose of a COPC was estimated from at least six basic exposure factors: exposure point concentration (EPC), exposure frequency, exposure duration, contact rate, body weight and averaging time. In this assessment, daily dose was normalized for time and body weight, and was expressed in milligrams of COPC per kilogram of body weight per day (mg/kg-day). The EPCs evaluated in the HHRA varied depending on the EU, the operational time frame of the ACIs, and exposure duration being evaluated (EPCs are discussed in the following section). The exposure factors and algorithms used in this assessment to quantify exposure are presented in Tables 3-2 through 3-13.

Exposure Point Concentrations

An EPC is the concentration of a COPC in soil, indoor air, or outdoor air at the location of potential contact with a receptor. The EPC represents the upper-bound estimate of the COPC concentration that a receptor could potentially be exposed to over an entire EU. An EPC was calculated for each COPC for each EU Inside Camp Justice (EU-1 through EU-8) and each EU Outside Camp Justice (i.e., Residential, Commercial/Industrial, Mixed Use, and Camp Justice).

An EPC was calculated for each COPC in each EU based on:

1. **Measured Data:** Data from samples collected during the October 2015 and April 2016 field investigations at Camp Justice.
2. **Modeled Data:** Data from the air dispersion/deposition model that was developed based on the April 2016 samples collected from the ACIs.

EPCs Based on Measured Data from Inside Camp Justice

An EPC was calculated for each COPC and each EU using data collected during the October 2015 and April 2016 sampling events. The EPCs are presented in Appendix G.

Soil EPCs Based on Measured Data from Inside Camp Justice

Soil EPCs were calculated using the following decision rule, listed in order of precedence (see Tables G-1 through G-8 in Appendix G):

1. Logarithmic 95% Upper Confidence Limit (UCL) on the mean (Log 95% UCL)
2. 95% UCL on the Arithmetic Mean if the underlying distribution was determined to be Normal assuming a significance level of 5%
3. The maximum detected concentration if the Log 95% UCL and/or the 95% UCL exceeded the maximum detected concentration.



4. Zero if the chemical was not detected in any sample within the EU.

Indoor Air EPCs Based on Measured Data from Inside Camp Justice

Indoor air EPCs were calculated based on maximum detected concentrations from the October 2015 and April 2016 sampling events. The maximum concentration was used because too few data points were available to calculate a representative 95% UCL. The number of samples varies by EU (see Tables G-9 through G-16 in Appendix G).

Outdoor Air EPCs Based on Measured Data from Inside Camp Justice

Outdoor EPCs were calculated based on maximum detected concentrations from the October 2015 and April 2016 sampling events (see Table G-17 in Appendix G).

EPCs Based on Modeled Data

To calculate soil and air EPCs based on ACI emissions, the MPOI (i.e., the location with the highest COPC concentration and deposition rate within Camp Justice, the residential area outside of Camp Justice, or the commercial/industrial area outside of Camp Justice) was selected (see Figure 1-3). The COPC chemical and physical properties and constants used in the modeling (e.g., Henry's Law, diffusivity in air, diffusivity in water) are presented in Appendix G (see Table G-24).

Chemical and physical properties were obtained from the following USEPA references which are listed in order of precedence:

1. USEPA RSL Tables (USEPA 2016a)
2. USEPA Combustor Protocol (USEPA 2005b)

Soil EPCs Based on Modeling of ACI Emissions/Deposition

Modeled soil EPCs (based on ACI emissions and subsequent deposition) were calculated assuming 16-year (current exposures and risks) and 30-year (future exposures and risks) ACI operational time frames, consistent with the methodology presented in Appendix B of the USEPA Combustor Protocol (USEPA 2005b). Soil EPCs for the 16-year and 30-year ACI operational time frames are presented in Appendix G (see Tables G-18 and G-19, respectively). The modeled soil EPCs were calculated by summing the particle-phase and particle-bound COPC deposition rates.

Soil concentrations may require many years to reach steady state and are dependent on the exposure duration and operational time frame of the ACI.²⁹ For carcinogenic COPCs, the USEPA

²⁹ The exposure durations for adults, children, and active duty military are different; different exposure durations result in different modeled soil concentrations.



recommends evaluating the average soil concentration over the exposure durations (to account for accumulation via deposition and loss via multiple mechanisms). For noncarcinogenic COPCs, the USEPA recommends evaluating the highest 1-year average soil concentration over the exposure duration, which typically occurs at the end of the operational lifetime of the emission source. The equations for calculating soil concentrations are described in detail in Appendix B of the USEPA Combustor Protocol (USEPA 2005b).

Air EPCs Based on Modeling of ACI Emissions/Deposition

Modeled air EPCs (based on ACI emissions and subsequent deposition) were calculated assuming 16-year (current exposures and risks) and 30-year (future exposures and risks) ACI operational time frames, consistent with the methodology presented in the USEPA Combustor Protocol (USEPA 2005b). For the purposes of this risk assessment, modeled indoor and outdoor air concentrations were assumed to be the same for predicting exposures, which is a conservative assumption. Air EPCs for the 16-year and 30-year ACI operational time frames are presented in Appendix G (see Table G-20).

Fish Tissue EPCs Based on Modeling of ACI Emissions/Deposition

Fish tissue concentrations were not sampled as part of the HHRA; however, watershed runoff modeling was performed to estimate chemical concentrations in fish tissue associated with emissions from the ACIs (see Appendix G). The fish tissue evaluation was performed using the methodology described in the USEPA Combustor Protocol since ingestion of fish tissue can be a significant exposure pathway for combustor sources such as the ACIs (USEPA 2005b). The USEPA Combustor Protocol default values were used as input variables in the absence of site-specific data.

Guantanamo Bay was assumed to be impacted directly through stack emission deposition to the water body and indirectly through surface water runoff and sediment runoff (see Appendix G, Figure G-1). The average deposition over the watershed was used to model the fish tissue concentrations.

Calculated fish tissue concentrations represent the estimated COPC concentrations in fish that may be caught in Guantanamo Bay during the ACIs' operational time frame. Two fish tissue concentrations were calculated for each receptor: one concentration was calculated for evaluating exposures to carcinogens and one concentration was calculated for evaluating exposures to noncarcinogens (see Appendix G). For carcinogenic COPCs, the USEPA recommends evaluating the average fish tissue concentrations over the exposure durations to account for accumulation via deposition and loss via multiple mechanisms (USEPA 2005b). For noncarcinogenic COPCs, the USEPA recommends evaluating the highest one-year average fish



tissue concentration over the exposure duration, which typically occurs at the end of the operating lifetime of the emission source (USEPA 2005b).

EPCs Evaluated in the HHRA

Because measured and modeled data were available for different receptor locations and ACIs’ operational time frames, the following decision criteria were used to select the EPCs for each exposure medium:³⁰

	Inside Camp Justice		Outside Camp Justice	
	Current Land Use	Future Land Use	Current Land Use	Future Land Use
Indoor Air ³¹	<ul style="list-style-type: none"> Maximum measured indoor air concentration by EU, and Maximum modeled air concentration from the ACIs (only for chemicals not measured) at the selected receptor locations 	Highest of: <ul style="list-style-type: none"> Maximum (building-specific) measured indoor air concentration, or Maximum modeled air concentration from the ACIs (all chemicals modeled) at the selected receptor locations 	Maximum modeled air concentration at the selected receptor locations	Maximum modeled air concentration from the ACIs at the selected receptor locations
Outdoor Air	<ul style="list-style-type: none"> Maximum measured outdoor air concentration, and Maximum modeled air concentration from the ACIs (only for chemicals not measured) at the selected receptor locations 	Highest of: <ul style="list-style-type: none"> Maximum measured outdoor air concentration, or Maximum modeled air concentration from the ACIs (all chemicals modeled) at the selected receptor locations 	Maximum modeled air concentration from the ACIs at the selected receptor locations	Maximum modeled air concentration from the ACIs at the selected receptor locations
Soil	<ul style="list-style-type: none"> 95% UCL on the mean measured soil concentration (October 2015), and Maximum modeled soil concentration from the ACIs (only for chemicals not measured) at the selected receptor locations 	Highest of: <ul style="list-style-type: none"> 95% UCL on the mean measured soil concentration (October 2015), or Maximum modeled soil concentration based on total deposition from the ACIs (all chemicals modeled) at the selected receptor 	Maximum modeled soil concentration based on total deposition from the ACIs at the selected receptor locations	Maximum modeled soil concentration based on total deposition from the ACIs at the selected receptor locations from 2000 until 2030 (30 years)

³⁰ Measured soil and air data at locations Inside Camp Justice were collected in October 2015 and April 2016 (see Appendix B).

³¹ Maximum measured indoor air concentration for the building in which the COPC was detected.



	Inside Camp Justice		Outside Camp Justice	
	Current Land Use	Future Land Use	Current Land Use	Future Land Use
		locations from 2000 until 2030 (30 years)		
Tap Water	**	**	**	**
Fish Tissue	Modeled fish tissue concentration based on the average deposition from the ACIs. Evaluated for Adult Resident/Workers only.	Modeled fish tissue concentration based on the average deposition from the ACIs. Evaluated for Adult Resident/Workers only.	Modeled fish tissue concentration based on the average deposition from the ACIs	Modeled fish tissue concentration based on the average deposition from the ACIs

**Tap water was not evaluated further in the HHRA. Tap water was screened out due to low risk (see Section 2 and Appendix B). Bottled water is used for ingestion at Camp Justice.

Fish Consumption Rates Evaluated in the HHRA

Florida fish consumption rates were selected for this HHRA using the USEPA’s *Fish Consumption in Connecticut, Florida, Minnesota, and North Dakota (Final Report)* in which per capita fish consumption rates from the four states were summarized (USEPA 2013). An adult fish consumption rate of 34 g/day was used in this HHRA based on the mean consumption rate for an adult in Florida (0.442 g/kg-day) and adult body weight (80 kg).^{32,33} A child fish consumption rate of 8.4 g/day was used in this HHRA based on the mean consumption rate for a child (0.557 g/kg-day) and a child body weight (15 kg).

The per capita fish consumption rate was used to represent both consumers and non-consumers of fish. The estimated average per capita intake for all age groups in the Florida survey data was 27.10 g/day for consumption of fish and shellfish, which was higher than the average per capita intake for all age groups reported for the other three states in the USEPA report (26.46 g/day in Connecticut, 18.06 g/day in Minnesota, and 18.99 g/day in North Dakota).

Florida was chosen as the source for fish consumption rates due to its proximity to NSGB and similarities to NSGB in terms of having an abundance of saltwater recreational fishing areas including the Atlantic coast and the Gulf of Mexico (Florida Fish and Wildlife Conservation Commission 2016). A telephone survey was used to collect the fish consumption information for Florida and respondents were asked about their fish consumption during the seven days prior to the telephone interview. Florida survey participants were selected randomly from the state’s general population. Rates included store-bought fish and recreationally-caught fish. The Florida

³² Mean consumption rates are from Table E-6 from the USEPA’s *Fish Consumption in Connecticut, Florida, Minnesota, and North Dakota (Final Report; USEPA 2013)*.

³³ Adult and child fish consumption rates are from Table E-54 from the USEPA’s *Fish Consumption in Connecticut, Florida, Minnesota, and North Dakota (Final Report; USEPA 2013)*.



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fish consumption rates were reported as consumer-only rates and rates for the entire population (per capita).



Section 4: Toxicity Assessment

The purpose of the toxicity assessment is to identify the chemical- and route-specific health criteria that were used to evaluate potential health concerns and/or risks associated with the COPCs. For this HHRA, three types of health criteria were used in the evaluation: toxicity values, air pollution standards, and USEPA lead models. Toxicity values were used with calculated daily dose (exposure) estimates (from Section 3) to calculate cancer risks and noncancer hazards. Toxicity values were used to evaluate health impacts from different exposure pathways including ingestion, inhalation, and dermal contact. Estimated modeled air concentrations were compared to air pollution standards to determine if standards were exceeded. USEPA lead models were used to identify whether or not blood lead levels (BLLs) exceeded health-protective thresholds.

Toxicity Values

Toxicity values are developed and published by the USEPA and other agencies and are used to evaluate potential health impacts from exposures to COPCs. Toxicity values are used to quantitatively estimate health effects based on how much people are exposed. Both cancer and noncancer health effects are considered when evaluating exposure estimates and human health impacts. Toxicity values are available for both cancer and noncancer health endpoints depending on the COPC. Cancer slope factors (CSFs) and inhalation unit risks (IURs) are used to evaluate potential cancer health impacts and estimate potential cancer risks from exposures to cancer-causing chemicals (carcinogens). The RfDs and RfCs are used to evaluate potential noncancer health impacts and potential noncancer health effects from oral and inhalation exposures, respectively.

The toxicity values used in this HHRA were based on the May 2016 USEPA RSL tables (USEPA 2016a).^{34,35} The toxicity of any chemical depends on the amount of exposure as well as how it enters the body. In some cases, a chemical may produce toxic effects only through a specific

³⁴ The RSLs were the most current toxicity values available at the time the HHRA was developed.

³⁵ The USEPA released its toxicological review of benzo(a)pyrene on January 20, 2017 which presented revised CSFs, IURs, RfDs, and RfCs for benzo(a)pyrene (USEPA 2017). Due to the timing of the release of this report, the new toxicity values for benzo(a)pyrene could not be included. However, based on a review of the new toxicity values the carcinogenic risks presented in this report would be lower for benzo(a)pyrene (and other carcinogenic PAHs) had the updated toxicity values been used to calculate risk. The oral CSF decreased from 7.3 milligrams per kilogram body weight per day (mg/kg-day)⁻¹ to 1 (mg/kg-day)⁻¹. The IUR decreased from 0.0011 (µg/m³)⁻¹ to 0.0006 (µg/m³)⁻¹. A new RfD of 0.0003 mg/kg-day was added and a new RfC of 0.000002 mg/m³ was added.



route of entry into the body and may not be toxic through other routes. Route-specific toxicity values (i.e., oral and inhalation) were used in this evaluation as appropriate.

Toxicity values for some chemicals may be available from several sources (e.g. USEPA and California Environmental Protection Agency). The following is the hierarchy of toxicity values used in this evaluation when multiple toxicity values exist for a given COPC. This hierarchy is based on the toxicity value order used in USEPA's RSL table.

1. USEPA's Integrated Risk Information System (IRIS).
2. The Provisional Peer Reviewed Toxicity Values (PPRTVs) derived by USEPA's Superfund Technical Support Center (STSC) for the USEPA Superfund program.
3. The Agency for Toxic Substances and Disease Registry minimal risk levels (MRLs).
4. The California Environmental Protection Agency, Office of Environmental Health Hazard Assessment's (OEHHA's) Chronic Reference Exposure Levels (RELs).
5. Screening toxicity values in appendices for certain PPRTV assessments.
6. The USEPA Superfund program's Health Effects Assessment Summary Table (HEAST).

Toxicity values used in this assessment are listed in Table 4-1.

Cancer Toxicity Values

The USEPA describes the mechanism for how some chemicals produce cancer as being a “non-threshold” process, meaning any level of exposure to a carcinogen carries some probability of causing cancer. Risks at low exposure levels cannot feasibly be measured directly either by animal experiments or by epidemiological studies; therefore, a number of mathematical models and procedures have been developed to extrapolate risks from high to low doses. Extrapolation models or procedures may reasonably fit the observed data but may also lead to large differences in the projected risk at low doses. The USEPA assumes that the risk of cancer is linearly related to dose for calculating cancer toxicity values (CSFs and IURs). This means that relatively high doses, which are often used in animal studies, can be extrapolated downward to extremely small doses assuming that even a small number of molecules (possibly a single molecule) of a carcinogen may cause changes in a single cell which could ultimately lead to cancer.

There is some dispute as to whether or not extrapolation from high to low doses is a valid approach biologically. It has been argued that cells have the ability to detoxify carcinogens or repair cellular damage from exposures to very low doses. Therefore, it is important to recognize the possibility that some carcinogens may have a threshold for toxicity where low doses would not lead to cancer.

The CSFs are numerical estimates of the potency of a chemical. When multiplied by an estimated daily dose, CSFs yield a probability (e.g., 1 in a million) of an individual developing cancer due to



exposure to the specific chemical over a lifetime. The CSFs are usually derived by the USEPA using a linearized multistage model and reflect the upper-bound limit of cancer potency for a carcinogenic chemical. As a result, the calculated risk is likely to represent a plausible upper limit of the risk. The actual risk for a specific chemical is unknown but is likely lower than the predicted risk, and may be as low as zero (USEPA 1989). The CSFs are in units of mg/kg-day^{-1} and are applied to dermal exposures after adjusting for appropriate chemical-specific parameters.

The IURs were used in this assessment to calculate cancer risks related to inhalation exposures (i.e., inhalation of indoor air). The IURs provide a cancer risk estimate associated with an air concentration and are in units of micrograms per meter cubed ($\mu\text{g}/\text{m}^3$)⁻¹.

The CSFs and IURs used in the risk assessment are listed in Table 4-1.

Noncancer Toxicity Values

Chemicals that produce noncancer health effects are thought to act through threshold mechanisms, (i.e., not cause health effects below a certain level). The assumption of a threshold for toxicity is based on the concept that the body has protective mechanisms that eliminate or detoxify chemicals at low levels. The threshold concept is important because it assumes that people can tolerate a certain amount of exposure without experiencing harmful health effects.

The RfDs and RfCs are toxicity values used to assess the likelihood of noncancer health effects from a given exposure. An RfD is defined as “an estimate (with uncertainty spanning perhaps an order of magnitude or greater) of a daily oral exposure level for a human population, including sensitive subgroups, that is likely to be without an appreciable risk of deleterious effects during a portion of the lifetime” (USEPA 1989). An RfD sets a daily oral intake level (in units of mg/kg-day) below which harmful noncancer health effects are not expected. The RfDs are also used to evaluate dermal exposures after any difference in oral and dermal absorption has been accounted.

An RfC is defined as “an estimate (with uncertainty spanning perhaps an order of magnitude) of a continuous inhalation exposure to the human population (including sensitive subgroups) that is likely to be without an appreciable risk of deleterious effects during a lifetime” (USEPA 2016b). An RfC is a concentration of a chemical in air (in units of mg/m^3) which is compared to an estimated chemical air concentration to determine if noncancer health effects are expected. The USEPA develops RfCs to assess inhalation exposures to noncarcinogens.

The RfDs and RfCs are calculated based on no observed adverse effect levels (NOAELs) or lowest observed adverse effect levels (LOAELs) in animal toxicity studies, or occasionally, from human studies. A NOAEL is an experimentally-determined dose at which there was no statistically or



biologically-significant indication of a toxic effect. A study chosen to establish a NOAEL represents the most sensitive target organ or tissue (i.e., critical organ) for that chemical. In an experiment with several NOAELs, generally the lowest one is chosen as the critical NOAEL upon which an RfD or RfC is based. Since many chemicals can produce toxic effects in several organ systems, with each toxic effect possibly having a separate threshold dose, the distinction of the critical toxic effect provides added confidence that the NOAEL is protective of a range of harmful health effects. Uncertainty factors (ranging from 1 to not more than 3,000) are also incorporated in the calculation of RfDs and RfCs. The equation below shows how an RfD is calculated:

$$RfD \text{ (average daily human dose)} = \frac{NOAEL_{\text{Experimental Dose}}}{\text{Safety Factors} + \text{Modifying Factor}}$$

Each safety factor represents a specific area of uncertainty inherent in the available data and is meant to account for these uncertainties (USEPA 2002, 2016d; Dourson et al. 1996). The types of uncertainties accounted for in developing the RfD include:

- Uncertainty in extrapolating animal toxicity data to humans (i.e., interspecies variability [factor of 10]).
- Variation in sensitivity or susceptibility among individuals in the human population (factor of 10).
- Uncertainty in extrapolating data from a study with less-than-lifetime exposure to lifetime exposure (i.e., using subchronic studies to predict chronic exposures [factor of 10]).
- Uncertainty when deriving an RfD from a LOAEL instead of a NOAEL [factor of 10].³⁶
- Uncertainty in extrapolating from valid results in experimental animals when data are “incomplete” (accounts for the inability of any single study to adequately address all possible adverse outcomes [factor of 10]).³⁷

In addition to the safety factors, USEPA applies a modifying factor in some instances. Modifying factors range from 0 to 10 and are included to reflect a qualitative professional assessment of additional uncertainties in the critical study and in the entire database for the chemical not explicitly addressed by the uncertainty factors. The default value for the modifying factor is one (USEPA 2002).

³⁶ <http://www.tera.org/Publications/UF%20in%20Noncancer.pdf>

³⁷ <http://www.tera.org/Publications/UF%20in%20Noncancer.pdf>



The USEPA's IRIS profiles identify the target organ and critical effects from the study or studies used to develop an RfD or RfC. Noncancer toxicity values can be developed for different exposure lengths and time periods such as short-term, chronic (long-term), and developmental exposures (short-term exposures during pregnancy). Further, RfDs and RfCs are developed to be protective of the most sensitive members of the population, thereby providing added protection for everyone else (USEPA 2002). The RfDs and RfCs used in this HHRA are listed in Table 4-1.

Adjustment of Toxicity Values for Certain COPCs

Dermal Toxicity

As described in the USEPA Dermal Risk Assessment Guidance (USEPA 2004), oral toxicity values can be used to evaluate toxicity from dermal exposures by adjusting for chemical-specific gastrointestinal absorption (GIABS). GIABS factors are used to account for differences in absorbed doses between gastrointestinal and dermal routes of exposure. GIABS factors are unitless and range from below 0.01 to 1.0 (1.0 is used as the default value). The following equations show how this adjustment is calculated:

$$\text{Dermal CSF} = \text{Oral CSF} \div \text{GIABS}$$

$$\text{Dermal RfD} = \text{Oral RfD} \times \text{GIABS}$$

GIABS factors for chemicals were obtained from the May 2016 RSL tables and are listed in Table 4-1 (USEPA 2016a).

Toxic Equivalency Factors

Toxic equivalency factors (TEFs) are used to assess the toxicity of a mixture of similar chemicals relative to the toxicity of an index, or reference chemical (USEPA 2010b). The TEF approach has been applied to mixtures of chlorinated dioxins and to PAHs, both of which are included in this risk assessment. For a mixture of chlorinated dioxins, TEFs are used to estimate the toxicity of the mixture relative to the most toxic congener, 2,3,7,8-Tetrachlorodibenzo-p-dioxin (2,3,7,8-TCDD). For a mixture of carcinogenic PAHs, TEFs are used to estimate the toxicity of the mixture relative to benzo(a)pyrene.

The use of TEFs is based on the assumption that similar chemicals produce toxicity via the same mechanism. For some chlorinated dioxin, the Ah receptor has been shown to mediate the dioxin-like toxic effects (USEPA 2010b).

The table below lists the TEFs for the different chlorinated dioxin and furan congeners (USEPA 2010b).



Dioxin/Furan Congener	TEF
2,3,7,8-TCDD	1.0
1,2,3,7,8-PeCDD	1.0
1,2,3,4,7,8-HxCDD	0.1
1,2,3,6,7,8-HxCDD	0.1
1,2,3,7,8,9-HxCDD	0.1
1,2,3,4,6,7,8-HpCDD	0.01
OCDD	0.0003
2,3,7,8-TCDF	0.1
1,2,3,7,8-PeCDF	0.03
2,3,4,7,8-PeCDF	0.3
1,2,3,4,7,8-HxCDF	0.1
1,2,3,6,7,8-HxCDF	0.1
1,2,3,7,8,9-HxCDF	0.1
2,3,4,6,7,8-HxCDF	0.1
1,2,3,4,6,7,8-HpCDF	0.01
1,2,3,4,7,8,9-HpCDF	0.01
OCDF	0.0003

The table below lists the TEFs for carcinogenic PAHs (USEPA 2016a).

PAH	TEF
Benzo(a)pyrene	1.0
Benz(a)anthracene	0.1
Benzo(b)fluoranthene	0.1
Benzo(k)fluoranthene	0.01
Chrysene	0.001
Dibenz(a,h)anthracene	1.0
Indeno(1,2,3-c,d)pyrene	0.1

Individual chlorinated dioxin or furan and carcinogenic PAH exposure concentrations are multiplied by the TEF to derive an adjusted concentration. The adjusted concentration for each chemical was evaluated individually in this HHRA (due to the different fate and transport characteristics) to calculate risk using the following equation:

$$TEQ = \sum_{i=1}^n (C_i \times TEF_i)$$



Where C_i = media concentration and TEF_i is the TEF for a given chemical i .

The Toxic Equivalence (TEQ) concentration is then used to calculate the cancer risk and noncancer hazard using the toxicity value for the index chemical.

Mutagenic Mode of Action

Some carcinogens act via a mutagenic mode of action, meaning that they or their metabolites react directly with deoxyribonucleic acid (DNA) or have the ability to bind to DNA. Infants and children are more susceptible to cancer effects from mutagens because they are undergoing rapid growth and development. The USEPA recommends that age-dependent adjustment factors be applied when evaluating cancer risks for mutagens to account for greater susceptibility during early-life exposures (USEPA 2005a). Below is a list of the 11 COPCs evaluated in this assessment, which the USEPA identified as mutagenic (USEPA 2016a).

The following carcinogenic COPCs are mutagens:

- 1,2,3-Trichloropropane
- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Benzo(k)fluoranthene
- Chrysene
- Dibenz(a,h)anthracene
- Indeno(1,2,3-cd)pyrene
- Methylene chloride
- Trichloroethene
- Vinyl chloride

To account for mutagenic modes of action, cancer potency factors or IURs are multiplied by age-dependent adjustment factors for the following age groups.

- A factor of 10 is used for exposures between birth and up to 2 years;
- A factor of 3 is used for exposures between the ages of 2 through 15 years; and
- No adjustment is used for exposures at 16 years and older.

Arsenic Relative Bioavailability

Per USEPA guidance, arsenic exposures associated with incidental soil ingestion were calculated using a relative bioavailability factor (RBA) of 0.6 (USEPA 2016a). This factor accounts for the



difference in absorption of arsenic from soil compared to drinking water, on which the arsenic toxicity values are based.

National Ambient Air Quality Standards

The USEPA, under the Clean Air Act, sets National Ambient Air Quality Standards (NAAQS) in the US for six air pollutants that are considered harmful to public health and the environment. These six pollutants (referred to as Criteria Air Pollutants) include:

- Carbon monoxide;
- Nitrogen dioxide;
- Ozone;
- PM;
- Sulfur dioxide; and
- Lead.

The NAAQS are in the form of concentrations of air pollutants allowable in outdoor air for a given time frame (referred to as averaging time; USEPA 2016c). Primary NAAQS are developed to protect public health including protecting sensitive sub-populations such as asthmatics, children, and the elderly. Secondary NAAQS are developed to protect public welfare including protecting against decreased visibility (e.g. from smog and haze) and damage to animals, crops, vegetation, and buildings. Current NAAQS are presented in Table 4-2.

Blood Lead Evaluation

Lead is not evaluated using toxicity values. Instead, two USEPA lead models are available to assess whether or not environmental lead levels at NSGB pose a risk to human health:

- The Integrated Exposure Uptake Biokinetic (IEUBK) model evaluates lead risk in children (USEPA 2010a); and
- The Adult Lead Methodology (ALM) model evaluates lead risk in adult workers and also predicts fetal exposures for pregnant workers (USEPA 1996).

These models predict BLLs based on site-specific exposure parameters and USEPA default values. Evaluation of lead hazards is based on identifying whether or not BLLs exceed action levels (5 and 10 μg lead/dL blood; ATSDR 2016). Please see Section 5 and Appendix I for details regarding the blood lead evaluation.



Section 5: Risk Characterization

The purpose of the risk characterization is to combine the quantitative exposure estimates (daily doses) derived in the Exposure Assessment (Section 3) with the toxicity values described in the Toxicity Assessment (Section 4) to develop numerical estimates of cancer risks and noncancer hazards for all exposure scenarios (Inside Camp Justice, Outside Camp Justice and a combination of Inside and Outside Camp Justice). Cancer risks and noncancer hazards associated with

On January 20, 2017, the USEPA released a benzo(a)pyrene toxicological review with revised CSFs, IURs, RFDs, and RfCs (USEPA 2017). In the revised toxicological review, the oral CSF decreased from 7.3 kg-day/mg to 1 kg-day/mg; the IUR decreased from 0.0011 ($\mu\text{g}/\text{m}^3$)⁻¹ to 0.0006 ($\mu\text{g}/\text{m}^3$)⁻¹; and a new RfD (0.0003 mg/kg-day) and new RfC (0.000002 mg/m³) were added.

Due to the timing of this report, the revised benzo(a)pyrene toxicity values could not be included. However, a review of the toxicity values was performed. Based on the results of this review, the carcinogenic risks presented in this report would be lower (approximately 7 times lower) for benzo(a)pyrene (and other carcinogenic PAHs) had the revised toxicity values been used. The noncancer hazards would have been slightly higher due to the new noncarcinogenic toxicity values but would not have significantly impacted the results.

COPCs and exposure pathways were summed to yield cumulative risks and hazards for receptors (i.e., 9-month, 3-year, 6-year and 25-year active duty military or commercial/industrial workers, and child and adult family members of 3-year, 6-year and 25-year active duty military and commercial/industrial workers).

Cumulative cancer risks and noncancer hazards were calculated for the eight EUs Inside Camp Justice (see EU locations on Figure 1-2):³⁸

- EU-1: Old Cuzcos
- EU-2: New Cuzcos
- EU-3: ELC and Modular Buildings
- EU-4: AV-34
- EU-5: AV-31
- EU-6: AV-32 and Modular Buildings
- EU-7: Tents
- EU-8: AV-29 and Modular Buildings

³⁸ Risks and hazards were calculated for adult resident/workers and non-resident occupational exposure scenarios using assumptions about how much time could be spent in each EU.



Cumulative cancer risks and noncancer hazards were also calculated for the commercial/industrial-MPOI and residential-MPOI locations Outside Camp Justice resulting from ACI emissions (see Figure 5-1).

In addition to calculated cancer risks and noncancer hazards, the following evaluations were also conducted:

- Modeled outdoor air concentrations were compared to NAAQS to identify any exceedances of the standards at locations Inside and Outside Camp Justice;
- Infant exposures via breast milk were evaluated using methods described in the USEPA Combustor Protocol (USEPA 2005b); and
- Lead risks for children and adults were evaluated using the IEUBK model and the ALM model.

The methods for calculating and evaluating cancer risks and noncancer hazards, generating modeled air concentrations to compare to NAAQS, and evaluating infant exposures via breast milk and lead risks for children and adults are presented below.

Calculating Cancer Risks

Cancer risks associated with exposure to chemicals are described as the probability of developing cancer during a lifetime (e.g., 1 in a million risk or 1.0E-06). Risk estimates for ingestion and dermal routes are calculated by multiplying the estimated LADD for each carcinogenic COPC by the chemical-specific CSF (see Appendix H). Inhalation risk estimates for each carcinogenic COPC are derived by multiplying the estimated air concentration by the IUR. The sum of the risks for ingestion of soil, dermal contact with soil, inhalation of air, and ingestion of fish yields the total risk for a COPC, as described below:

$$CR_1 (\text{Ingestion of Soil}) = \text{Ingestion LADD} \times CSF_{oral}$$

$$CR_2 (\text{Dermal Contact with Soil}) = \text{Dermal LADD} \times CSF_{dermal}$$

$$CR_3 (\text{Inhalation of Air}) = \text{Inhalation Exposure Concentration} \times IUR$$

$$CR_4 (\text{Ingestion of Fish}) = \text{Ingestion LADD} \times CSF_{oral}$$

$$CR_{COPC} = CR_1 + CR_2 + CR_3 + CR_4$$

Where,

Parameter	Definition
CR	Cancer risk; Lifetime probability of cancer from exposure to COPC
LADD	Estimated lifetime daily dose for ingestion and dermal absorption (mg/kg-day)
CSF	Cancer Slope Factor (mg/kg-day) ⁻¹
Inhalation Exposure Concentration	Concentration in air (mg/m ³)



IUR	Inhalation unit risk (mg/m ³) ⁻¹
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The cumulative cancer risk was calculated for each receptor by summing the total cancer risk for each COPC associated with the receptor:

$$Cumulative CR_{receptor} = \sum_{i=1}^n (CR(COPC_1 + COPC_2 + COPC_3 \dots + COPC_n))$$

Calculating Noncancer Hazards

The potential for noncancer health impacts is quantitatively expressed as an HQ. The HQ for an ingestion and a dermal exposure route is the ratio of the calculated ADD to the RfD (see Appendix H). The HQ for an inhalation exposure route is the ratio of the estimated air concentration to the inhalation RfC. The sum of the HQs for ingestion of soil, dermal contact with soil, inhalation of air, and ingestion of fish yields a hazard index (HI) for a COPC, as described below:

$$HQ_1 (Ingestion of Soil) = Ingestion ADD \div RfD_{oral}$$

$$HQ_2 (Dermal Contact with Soil) = Dermal ADD \div RfD_{dermal}$$

$$HQ_3 (Inhalation of Air) = Air Concentration \div RfC$$

$$HQ_4 (Ingestion of Fish) = Ingestion ADD \div RfD_{oral}$$

$$HI_{COPC} = HQ_1 + HQ_2 + HQ_3 + HQ_4$$

Where,

Parameter	Definition
HQ	Ratio of the calculated ADD to the RfD
HI	Sum of the HQs for all pathways
ADD	Average daily dose (mg/kg-day)
Air Concentration	Concentration in air (mg/m ³)
RfD	Estimate of a daily absorbed dose unlikely to produce harmful health impacts (mg/kg-day)
RfC	Estimate of an air concentration unlikely to produce harmful health effects (mg/m ³)

The cumulative noncancer hazard was calculated for each receptor by summing the hazard indices for the COPCs associated with the receptor:

$$Cumulative HI_{receptor} = \sum_{i=1}^n (HI(COPC_1 + COPC_2 + COPC_3 \dots + COPC_n))$$



USPA Acceptable Risk Range and USEPA Risk Benchmarks

Risk managers use risk ranges and risk benchmarks to evaluate the significance of risks to people exposed to COPCs. Risk ranges and risk benchmarks provide perspective on whether or not environmental levels are potentially harmful and help risk managers determine which areas and media may require further evaluation or actions.



USEPA Acceptable Cancer Risk Range

For carcinogenic risks, the USEPA recommends using an acceptable cancer risk range of 1.0E-04 (1×10^{-4} or 1 in 10,000) to 1.0E-06 (1×10^{-6} or 1 in 1,000,000), based on an RME scenario (USEPA 1991). In general, the USEPA considers cancer risks below 1E-06 to be so small as to be negligible (i.e., below a level of regulatory concern; USEPA 1991). Conversely, cancer risks greater than 1E-04 are undesirable and typically require remedial action (e.g., soil removal).

USEPA Noncancer Hazard Benchmark

The USEPA uses an HQ of 1 as the benchmark below which adverse, noncancer health effects are not expected and action generally is not warranted (USEPA 1991). An HQ greater than 1 shows that exposure levels exceed an RfD or RfC, indicating that adverse health effects are possible.

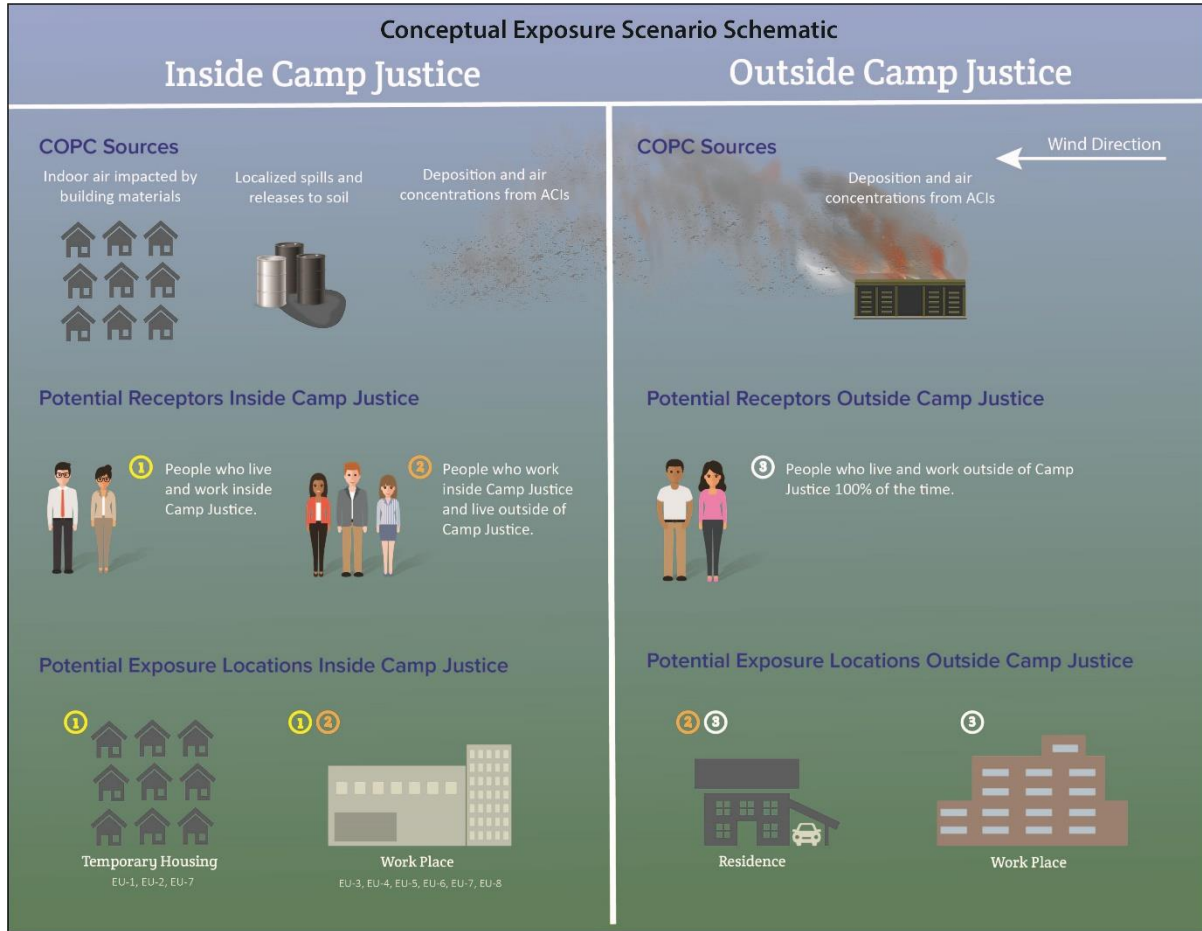
Cumulative Cancer Risks and Noncancer Hazards

Cumulative cancer risks and noncancer hazards were calculated for each EU and exposure scenario evaluated in this assessment (see the conceptual exposure scenario schematic below and Table 5-1).

Formaldehyde is frequently found in plywood, fiberboard, insulation, resins, glues, and other building materials in buildings (modular and stick-frame buildings). The concentrations of formaldehyde detected in indoor air at Camp Justice were within the range of concentrations considered "Low" to "Mid" by the CDC for typical (background) concentrations observed in manufactured homes; therefore, people may be exposed to similar concentrations of formaldehyde in indoor air in buildings in the US (CDC Fact Sheet 2016). Since formaldehyde was detected at typical US background concentrations, cancer risks and hazards were also calculated



without formaldehyde concentrations (see Table 5-2). Modular buildings are present in



temporary residences EU-1, EU-2 and workplaces EU-3, EU-6, and EU-8 (see Figure 5-2). Table 5-3 presents a summary of chemicals with a cancer risk greater than 1E-06 and/or hazard quotient of one by location. The cancer risks and noncancer hazards for all receptors are provided in Appendix H. Cancer risk and hazard index risk drivers by exposure pathway and chemical are presented in Appendix K.



Cancer Risks and Noncancer Hazards for Exposures Inside Camp Justice

Adult Resident/Workers (live in EU-1, EU-2, or EU-7 and work inside of Camp Justice)

Cancer risks and noncancer hazards were calculated for Adult Resident/Workers who live and work in two locations for 9 months, 3 years, or 6 years (see Table 5-1):

- Live in: EU-1 (Old Cuzcos), EU-2 (New Cuzcos), or EU-7 (tents); and
- Work in: EU-3, EU-4, EU-5, EU-6, or EU-8.

The Adult Resident/Workers were assumed to spend 16 hours/day at home and 8 hours/day at work.

Cumulative cancer risks for Adult Resident/Workers for the 9-month exposure duration were below $1.0E-05$ for all locations (see Table 5-1). Cumulative cancer risks for Adult Resident/Workers for the 3-year or 6-year exposure durations ranged from $3.0E-06$ to $5.9E-05$ and were highest at the EU-4. For receptors that live in EU-1 or EU-2, inhalation of formaldehyde in indoor air accounted for the largest percentage of the cumulative cancer risks (see Table 5-3 and Appendix K).

Cancer risks for Adult Resident/Workers at all locations (except EU-4) were below $1.0E-05$ when formaldehyde was removed from the calculation (see Table 5-2). Cancer risks for Adult Resident/Workers at EU-4 did not change significantly when formaldehyde risks were removed from the calculation (see Tables 5-1 and 5-2) because there are no modular buildings at this location. PAHs in soil contributed the majority of cancer risks at EU-4 (see Table 5-3).

Cumulative noncancer HIs for Adult Resident/Workers ranged from 0.7 to 5.1 and were highest at the EU-6. For receptors that live in EU-1 or EU-2, inhalation of formaldehyde in indoor air accounted for the largest percentage of the noncancer HIs (see Table 5-3 and Appendix K).

The HIs for all Camp Justice Adult Resident/Workers were below 1 when formaldehyde was removed from the calculation (Table 5-2).

Cumulative cancer risks and noncancer hazards were the same for current and future Adult Resident/Workers whether formaldehyde was included or excluded from the calculations. In addition, all indoor air formaldehyde concentrations were less than OSHA PELs³⁹ for employee occupational exposure in the workplace.

³⁹ All formaldehyde concentrations were less than the OSHA PEL of $925 \mu\text{g}/\text{m}^3$ (753 ppb). The average and maximum detected concentrations of formaldehyde in indoor air was $19 \mu\text{g}/\text{m}^3$ (15.4 ppb) and $75 \mu\text{g}/\text{m}^3$ (61 ppb), respectively.



Adult Resident/Workers (live and work in EU-7 [Tents])

Adult Resident/Workers who live and work in EU-7 (tents) were evaluated for a 9-month exposure duration and were assumed to spend 24 hours per day at this location.

Cumulative cancer risks and noncancer hazards for Adult Resident/Workers were below a cumulative cancer risk of 1.0E-05 and a hazard index of 1 (see Table 5-1). Cancer risks and noncancer hazards were the same for both current and future exposure scenarios.

Adult Workers (assumes that no exposure occurs at their residence)

Cancer risks and noncancer hazards were calculated for Adult Workers who live Outside Camp Justice (in an area **unaffected** by ACI emissions) and work Inside Camp Justice for 9 months, 3 years, 6 years, and 25 years. Adult Workers were assumed to spend 8 hours/day at work Inside Camp Justice at EU-3, EU-4, EU-5, EU-6, or EU-8, and 16 hours/day at home Outside Camp Justice, where ACI exposures were assumed to be zero for calculation purposes (i.e., ACI exposures were accounted for in the combined exposure scenario).

Adult Workers who work Inside Camp Justice (8 hours/day) and live Outside Camp Justice (16 hours/day) in an area **affected** by ACI emissions were evaluated in the HHRA in a different scenario.

See the [Cancer Risks and Noncancer Hazards Inside Camp Justice and Outside Camp Justice \(Combined\)](#) scenario discussion on page 5-9.

Cumulative cancer risks calculated for Adult Workers were below 1.0E-05 for all locations for the 9-month and 3-year exposure durations (see Table 5-1). The cumulative cancer risk at all EUs (except EU-04) were below 1.0E-05 for the 6-year exposure duration. The cumulative cancer risks at four of the five EUs were above 1.0E-05 for the 25-year exposure duration (the cumulative cancer risk at EU-5 was below 1.0E-05 for the 25-year exposure duration). The highest cancer risk (5.9E-05) was for EU-4. PAHs in soil contributed the majority of cancer risks at EU-4 (see Table 5-3).

Cumulative noncancer HIs for Camp Justice workers were below 1 for all locations and for all exposure durations (Table 5-1).

Formaldehyde from inhalation of indoor air accounted for the majority of the cumulative cancer risks at EU-3, EU-6 and EU-8 (see Table 5-3 and Appendix K). The formaldehyde concentrations in the three EUs (EU-3, EU-6, and EU-8) were all collected from the indoor air of modular buildings (see Figure 5-2). Cumulative cancer risks for EU-3, EU-6, and EU-8 decreased when formaldehyde indoor air concentrations were removed from the calculations; however, the cumulative cancer



risks in EU-6 and EU-8 remained marginally greater than $1.0E-05$. Arsenic⁴⁰ and chlordecone⁴¹ in soil contributed the most to cancer risk at EU-6 and EU-8, respectively, after formaldehyde concentrations were removed from the calculations. Dermal contact with and ingestion of PAHs in soil accounted for the majority of the cumulative cancer risks for EU-4 (see Table 5-3 and Appendix K). Cancer risks for EU-4 did not change after removing formaldehyde (see Table 5-2). Cumulative cancer risks were the same for current and future Adult Worker exposure scenarios.

Cancer Risks and Noncancer Hazards for Exposures Outside Camp Justice

Child and Adult Residents

Cancer risks and noncancer hazards were calculated for Child and Adult Residents who live Outside Camp Justice at the residential MPOI location (see Figure 5-1). This exposure scenario represents families of active duty military and commercial/industrial workers at NSGB. Exposures were calculated based on 24 hours/day at a residential location outside of Camp Justice for 9-month, 3-year, 6-year, and 25-year exposure durations.

Cumulative cancer risks were below $1.0E-05$ for Child and Adult Residents for all exposure durations (see Table 5-1). Cumulative noncancer HIs were below 1 for Child and Adult Residents for all exposure durations. Cumulative cancer risks and noncancer hazards were the same for current and future exposure scenarios.

⁴⁰ Arsenic is a naturally-occurring element that is widely distributed in the Earth's crust. Due to its geochemical characteristics, Cuban soils can be naturally high in heavy metals, including arsenic. Arsenic background levels for Cuba were determined to be approximately 19 mg/kg (Alfaro et al. 2015), and site-specific (NSGB) background levels range from 1.1 mg/kg to 2.7 mg/kg.

⁴¹ Only one chlordecone sample (out of 60) was detected at Camp Justice; however, due to the elevated concentration, chlordecone was evaluated in the HHRA. The detected sample was collected from EU-8 (five other samples were collected in EU-8 and were not detected). The chlordecone risks presented in the HHRA are overestimated because the maximum detected concentration was used in the risk calculation (rather than the logarithmic 95% UCL; see the decision rule in Section 3). Since NSGB receptors do not remain in a single location 24-hours a day, their exposure (and risk) to chlordecone is much lower than calculated because chlordecone was not detected in the other five soil samples collected from EU-8.



Adult Workers

Cancer risks and noncancer hazards were calculated for Adult Workers who work Outside Camp Justice at the commercial/industrial MPOI location (see Figure 5-1). This exposure scenario represents workers who live at a residential location Outside Camp Justice

Adult Workers who work Inside Camp Justice (8 hours/day) and live Outside Camp Justice (16 hours/day) in an area **affected** by ACI emission were evaluated in the HHRA in a different scenario.

See the [Cancer Risks and Noncancer Hazards Inside Camp Justice and Outside Camp Justice \(Combined\)](#) scenario discussion on Page 5-9.

unaffected by ACI emissions. Exposures were calculated based on 8 hours/day at a location Outside Camp Justice for 9-month and 3-, 6- and 25-year durations.

Cumulative cancer risks were below 1.0E-05 for all exposure durations (see Table 5-1). Cumulative noncancer HIs were below 1 for all exposure durations. Cumulative cancer risks and noncancer hazards were the same for current and future exposure scenarios.

Cancer Risks and Noncancer Hazards Inside Camp Justice and Outside Camp Justice (Combined)

Cancer risks and noncancer hazards were calculated for Adult Resident/Workers who work Inside Camp Justice at EU-3, EU-4, EU-5, EU-6, or EU-8 and live Outside Camp Justice at the residential MPOI location for 9-month, 3-year, 6-year, and 25-year exposure durations (see Figure 5-1). Exposures were assumed to occur 8 hours/day five days a week (weekdays) Inside Camp Justice and 16 hours/day five days a week (weekdays) and 24 hours/day two days a week (weekends) Outside Camp Justice.

Cumulative cancer risks calculated for Adult Resident/Workers were similar to those calculated for the Adult Workers Inside Camp Justice only (see Table 5-1). Cumulative cancer risks calculated for the Adult Resident/Workers were below 1.0E-05 for all EUs for the 9-month and 3-year exposure durations. The cumulative cancer risk at all EUs (except EU-04) were below 1.0E-05 for the 6-year exposure duration. The cumulative cancer risks at four of the five EUs were above 1.0E-05 for the 25-year exposure duration (the cumulative cancer risk at EU-5 was below 1.0E-05). The highest cancer risk (6.1E-05) was for EU-4. Dermal contact with and ingestion of PAHs in soil accounted for the majority of the cumulative cancer risks in EU-04 (see Table 5-3 and Appendix K).

Formaldehyde from inhalation of indoor air in EU-3, EU-6, and EU-8 accounted for the majority of the cumulative cancer risks (see Table 5-3 and Appendix K). The formaldehyde concentrations in EU-3, EU-6, and EU-8 were all collected from the indoor air in modular buildings (the formaldehyde concentration in EU-8 was collected in a modular building northeast of Building



AV-29; see Figure 5-2). Cancer risks decreased for EU-3, EU-6, and EU-8 when formaldehyde concentrations were removed from the calculations, similar to the Adult Worker scenario (see Table 5-2).

Cumulative noncancer hazard indices for Adult Resident/Workers were below 1 for all exposure durations (Table 5-1).

Comparison to Criteria Pollutant Air Concentrations

Emission rates (in g/sec) were converted to air concentrations (in $\mu\text{g}/\text{m}^3$) for the six criteria air pollutants (carbon monoxide, lead, sulfur dioxide, PM [PM₁₀ and PM_{2.5}], and NO₂) for relevant time frames (i.e., 1-hour, 8-hours, or 24-hours) to compare to NAAQS. Air concentrations were calculated for all NSGB receptor grid locations (see Figure 5-3). The air concentration was calculated for each grid node by summing the daytime modeled concentration and the nighttime modeled concentration. The air concentrations were compared to the NAAQS. Future air concentrations were assumed to be the same as current air concentrations.

Air concentrations exceeded primary NAAQS at three grid node locations where no receptors live: immediately next to the ACIs, in Guantanamo Bay, and on land south of the ACI area (see Figure 5-3). The 24-hour PM_{2.5} standard was exceeded most frequently. The greatest NAAQS exceedances occurred on land south of the ACI area. The table below summarizes NAAQS exceedances and the locations are presented on Figure 5-3.

Location (No One Lives at These Locations)	NAAQS ($\mu\text{g}/\text{m}^3$)	Modeled Air Concentration ($\mu\text{g}/\text{m}^3$)
ACI Area	35 PM _{2.5} (24-hour average)	60 PM _{2.5} (24-hour)
Guantanamo Bay	35 PM _{2.5} (24-hour average)	42 PM _{2.5} (24-hour)
On land South of ACI Area	35 PM _{2.5} (24-hour average) 12 PM _{2.5} (annual average) 150 PM ₁₀ (24-hour average) 188 NO _x (1-hour average)	570 PM _{2.5} (24-hour average) 17 PM _{2.5} (annual average) 668 PM ₁₀ (24-hour average) 308 NO _x (1-hour average)

Evaluation of Infant Exposures via Breast Milk

As recommended in the USEPA Combustor Protocol, the potential risk to an infant via ingestion of dioxins in breast milk was evaluated by comparing the estimated dioxins ADD for a nursing infant to the US national average background level of 93 picograms per kilogram body weight per day (pg/kg-day; USEPA 2005a). If ACI emission exposures are low compared to background exposures, then the emissions would not be expected to cause an increase in noncancer effects.



The dioxins⁴² ADD was calculated as 0.1 in pg/kg-day, which is several orders of magnitude lower than the US background level of 93 pg/kg-day; therefore, the potential risk to an infant via ingestion of dioxins in breast milk should not cause an increase in noncancer effects. Since the calculated ADD is for a maximum exposure scenario, ADDs for other exposure scenarios would be lower. The methods and equations used to evaluate exposures to infants via breast milk are described and presented in Appendix L.

Evaluation of Lead Exposures

To assess whether or not lead levels at NSGB pose a risk to human health, two USEPA lead models were used:

- The IEUBK model was used to evaluate lead risk in children (USEPA 2010a); and
- The ALM model was used to evaluate lead risk (represented by BLL) in adult workers, while also estimating the probability of a pregnant worker's fetus having a BLL above a specified target value (USEPA 1996).

The modeled adult and fetal BLLs were compared to the threshold values of 10 micrograms of lead per deciliter of blood ($\mu\text{g}/\text{dL}$; the USEPA level of action) and 5 $\mu\text{g}/\text{dL}$ (recommended by the CDC), respectively. All predicted BLLs were less than 5 $\mu\text{g}/\text{dL}$. Based on available data and the results from the USEPA IEUBK and ALM models, the lead risk to children and the unborn fetus in pregnant women do not exceed the USEPA lead action levels for blood. The model parameters, lead evaluation, and results are presented in Appendix I.

A BLL of 10 micrograms per deciliter (10 $\mu\text{g}/\text{dL}$) has been the USEPA threshold level of concern, requiring intervention if a child's BLL reached or exceeded this concentration. The USEPA set a post-remediation goal that the likelihood of a child having an elevated BLL (10 $\mu\text{g}/\text{dL}$ or greater) should be no more than five percent (USEPA 2016e). More recently, researchers have found that harmful health effects can occur at lower BLLs, leading the CDC and other organizations to recommend five micrograms per deciliter (5 $\mu\text{g}/\text{dL}$) as the new BLL of concern in adults and children (ATSDR 2016).

Toxicity Summaries for Selected COPCs

Toxicity summaries for formaldehyde, PAHs, and arsenic are presented in Appendix J.

⁴² As 2,3,7,8-TCDD TEQs.



Section 6: Uncertainty and Sensitivity Analysis

The purpose of the uncertainty and sensitivity analysis is to evaluate sources of uncertainty and variability that can influence the results of the HHRA. The results reported in this HHRA depend on a number of factors including the confidence in how well the environmental monitoring and modeling data represent actual exposures, the availability of relevant scientific information, USEPA policy decisions and risk assessment methodology, and exposure and toxicity assumptions.

Uncertainty refers to a lack of data or an incomplete understanding of factors used in a risk assessment (e.g., lack of information about environmental concentrations). Uncertainty in estimating exposures can be reduced or eliminated with additional, more comprehensive data (USEPA 2016a).

Variability refers to the inherent variation of data used in a risk assessment. Variability cannot be reduced with more sampling or data; however, it can be characterized or described qualitatively or quantitatively. Sources of variability include changes of environmental concentrations over time or under different conditions, human behaviors that influence exposures (e.g. how much time people spend at a location), and individual susceptibilities which could impact health outcomes.

Risk assessment is not meant to accurately predict actual health risks for specific individuals; rather, it is a tool for understanding where potentially harmful exposures may potentially exist and deciding what, if any, actions are needed. The purpose of this section is to describe some of the uncertainty and variability associated with the data used in this HHRA in order to provide decision makers, and other users, information about how specific assumptions and parameters influence the risk results. This section provides information about the general uncertainties inherent in the risk assessment process as well as site-specific uncertainties associated with estimating exposures at different locations on NSGB. A sensitivity analysis is also provided to show how changing certain parameters and assumptions affect the risk results.

Key Sources of Uncertainty

The key sources of uncertainty and the possible impact of the uncertainty on risk estimates presented in this HHRA are presented in the following table. In general, the parameters and assumptions used in this HHRA were meant to represent RMEs, which result in upper-bound estimates of possible health impacts.



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Source of Uncertainty	Impact on Risk Estimates or Health Evaluation ¹	Comment
Environmental Samples (Camp Justice)		
Time of sample collection	Could over or under estimate risks	Environmental data were collected during 1 or 2 sampling events (October 2015 and April 2016). COPC concentrations measured during these events may not represent concentrations over time.
Sample locations	Likely overestimates risks for some media	Indoor air samples were collected from worst case locations based on known or suspected sources. Concentrations at other locations are likely lower. Soil sample locations were collected on a grid and are likely representative of the range of concentrations at NSGB.
ACI Emissions		
Time of sampling	Could over or under estimate risks	Emissions of COPCs collected over 10 days in April 2016 but is expected to be representative of emissions for typical MSW at NSGB. However, ACI emissions could vary during different times of the year.
Sampling methods	Could over or underestimate risks	There are currently no standard methods for sampling ACI emissions. Therefore, standard USEPA methods for stack sampling were followed where possible. However, sampling did not strictly adhere to USEPA methods because of ACI design and operation features (e.g. they do not have a stack for emission testing). Use of modified sampling methods could have impacted sampling results.
AERMOD model	Likely overestimates risks	The USEPA air model and assumptions used are conservative (i.e. meant to be protective) and likely overestimate actual environmental concentrations.
Particle size distribution	Could over or underestimate risks	Particle size distribution is a key input parameter for the AERMOD model. Initial particle-size distribution may have been affected by extremely high particulate loading of the cascade impactor.
Meteorological data	Likely represents actual conditions	The most recent 5 years of high quality meteorological data were used from the Guantanamo Leeward Point Airport, and are considered representative of conditions at NSGB.
Exposure Assessment		



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Source of Uncertainty	Impact on Risk Estimates or Health Evaluation ¹	Comment
EPCs	Likely overestimates risks	Upper-bound (i.e., Logarithmic 95% UCL, 95% UCL, or maximum detected) measured media concentrations were used to calculate exposures at Camp Justice. The MPOIs were used to calculate exposures associated with ACI emissions. People are expected to encounter a range of concentrations during their daily activities at different locations on NSGB and using maximum concentrations associated with a single location is expected to overestimate risks.
Exposure frequencies	Likely overestimates risks	Exposure frequencies of 8 hours/day or 24 hours/day at a single location associated with maximum concentrations were used to calculate exposures. It is unlikely that people work or live at a single location for 8 hours/day or 24 hours/day for up to 25 years.
Emission rates	Could over or underestimate risks.	Average COPC emission rates were used in air modeling and could underestimate emissions for some time frames.
Toxicity Assessment		
Toxicity values	Overestimates risks	Toxicity values from high dose animal studies or human occupational studies are used to extrapolate lower doses. USEPA's protective approach for developing toxicity values incorporates safety factors and upper-bound estimates which likely result in an overestimation of actual risks.
Risk Characterization		
Adding risks from all COPCs	Could over or underestimate risks	Risks from all COPCs are added together to calculate cumulative cancer risks and noncancer hazards. Health effects from multiple chemicals are assumed to be additive even if the chemicals may not act similarly in the body or affect the same organ system. Chemical mixtures may be more or less toxic than individual chemicals.

¹ Risk estimates refer to numeric cancer risks or noncancer hazards calculated in the risk assessment. Health evaluation refers to the comparison of measured or modeled outdoor air concentrations to USEPA NAAQS or the evaluation of lead hazards using USEPA's blood lead models.

Site-Specific Sources of Variability

Sources of variability in this HHRA include possible changes in measured COPC concentrations over time. Environmental sampling was conducted at Camp Justice during just two time periods (in October 2015 and April 2016). Additional sampling could reveal variability in concentrations by season or other factor associated with Camp Justice operations (e.g., building maintenance or heating, ventilating, air conditioning system replacement).



Additional sources of variability include differences in people's behaviors and activity patterns on NSGB. Within a population, a range of exposures is expected based on movement around NSGB, including traveling to and from work and home. For example, for the Outside Camp Justice Child and Adult Resident exposure scenario, it was assumed that child and adult family members remain at a single location (i.e., the residential MPOI) for 24 hours/day, 350 days/year. In reality, exposures would vary by the time spent at different locations during normal daily activities on NSGB.

Sensitivity Analysis

The purpose of the sensitivity analysis is to quantitatively evaluate the impact of certain parameters or assumptions on the risk estimates. Below is a discussion of four parameters selected for this evaluation:

1. Risks Calculated Using an Alternative Particle Size Distribution for ACI Emissions.
2. Risks Calculated Using Emissions from the ACIs Only.
3. Risks Calculated Including Vapor Deposition.
4. Risks Calculated Including Dioxin-Like PCB Congeners.

Risks Calculated Using an Alternative Particle Size Distribution for ACI Emissions

Particle size distribution is a key input parameter used in the AERMOD air dispersion and deposition modeling. The size of particles emitted from the ACIs affects how far they will travel in air before being deposited on the ground. In addition, the particle size distribution is used by AERMOD (along with other parameters such as temperature, wind speed, and precipitation) to determine the rate of particle deposition at locations modeled on the receptor grid. The particle deposition rate was used to determine soil concentrations and also fish tissue concentrations in the HHRA.

During the ACI emission sampling conducted in April 2016, a cascade impactor (i.e. CARB Method 501) was used to measure the particle size distribution. CARB Method 501 specifies that PM be withdrawn isokinetically from the source and segregated by size in a cascade impactor at a sampling point which is representative of exhaust conditions (e.g., temperature and pressure). Cascade impactors use the principle of inertial separation to segregate particles by size in a particle laden gas stream. The mass of each size fraction is determined gravimetrically. Due to high particulate loading during ACI emission sampling, the two hour test run recommended in CARB Method 501 was not achieved before the collection device was completely impacted by particulate. Therefore, testing time was reduced to one hour or as long as an acceptable sample rate could be maintained. Despite this change in run time, size distribution results were not expected to be affected (AASI 2016). In addition, following the sample runs, a discoloration of



the impinger train (located behind the cascade impactor) was found, suggesting that some particles broke through the impactor and were not included in the particle size results (AASI 2016).

An alternative particle size distribution for ACI emissions was developed (using USEPA Method 5, MVA SOP 310 & 316) because of the uncertainty associated with the particle size distribution, the results of the CARB Method 501 modifications, and field observations. The USEPA Method 5 uses scanning electronic microscopy to analyze particle size distribution from particulate filters which were collected as part of the hydrogen cyanide sampling train. This method counts the number of particles on a filter. A particle mass distribution was determined based on the assumption that particles were of similar density.

Differences between the cascade impactor method and scanning electronic microscopy method are listed in the following in-text table:

Process	Cascade Impactor Method (CARB Method 501)	Scanning Electronic Microscopy (USEPA Method 5)
Gas Stream Temperature at the Point of Sample Collection	<ul style="list-style-type: none"> Temperature is controlled by the “stack.” Temperatures varied from outdoor temperature to over 500 °F but was often significantly below 248 ± 25 °F. 	Temperature was maintained at 248 ± 25 °F.
Condensable Particle Matter	Does not handle condensable PM in a uniform way; therefore, this phase may be included with results. ¹	Excludes condensable PM.
Sample Handling Prior to Analysis	<ul style="list-style-type: none"> Separates the particles by size at the time of collection. The samples were extracted and stored by size until the particle size distribution analysis was performed by the laboratory. 	Samples were stored by the laboratory until the particle size analysis was performed approximately 6 months after collection. ²

Notes:

¹ Condensable PM exists as a gas in an exhaust stream and condenses to form particulate once the gas enters the air. Condensable PM consists of organic and inorganic substances.

² The physical characteristics of the particles have the potential to change during storage of the filters used to determine the alternative particle size prior to analysis through mechanisms such as coagulation, evaporation, and oxidation.

A comparison of the particle size distribution from the two methods is presented in Table 6-1. The AERMOD air dispersion and deposition model was rerun using the alternative particle size distribution derived from the scanning electronic microscopy method. A comparison of the normalized modeling results (i.e., air modeling results based on 1 g/sec emission rate) is presented in Table 6-2. In general, the particle-phase and particle-bound deposition rates were an order of magnitude higher for the scanning electronic microscopy method than the cascade



impactor method. However, the air concentrations were slightly lower for the scanning electronic microscopy method, which was expected. When deposition increases, the air concentration decreases because less particles remain in the air (i.e., when particles are deposited, those particles are not contributing to airborne particulate concentrations).

The cumulative cancer risks and noncancer hazards calculated using the alternative particle size distribution derived from the scanning electronic microscopy method are presented in Table 6-3. All other modeling parameters, exposure pathways, exposure parameters, toxicity values, et cetera were identical to those used to calculate the risks and hazards presented in Section 5. The cancer risks and noncancer hazards presented in Section 5 of the HHRA were compared to the cancer risks and noncancer hazards calculated using the alternative particle size distribution (assuming an ACI operational time frame of 16 years and an exposure duration of 6 years) in Table 6-4. The cancer risks and noncancer hazards were similar to those presented in Section 5 of the HHRA. This analysis indicates that using the alternative particle distribution to re-calculate the cumulative cancer risks and noncancer hazards from Section 5 would not change the conclusions and recommendations presented in the HHRA.

Risk Calculated Based on ACI Emissions Only

Cancer risks and noncancer hazards were calculated based on ACI emissions only (i.e., sources of COPCs in soil, indoor air, and outdoor air samples collected Inside Camp Justice were not included in the risk calculations). This sensitivity analysis was conducted to evaluate the potential health impacts on receptors solely from ACI emissions.

The cancer risks and noncancer hazards calculated solely from ACI emissions are presented in Table 6-5. All other modeling parameters, exposure pathways, exposure parameters, toxicity values, et cetera were identical to those used to calculate risks presented in Section 5. A comparison of the calculated cancer risks and noncancer hazards presented in Section 5 of the HHRA to the cancer risks and noncancer hazards based on ACI emissions only, assuming an ACI operational time frame of 16 years and an exposure duration of 6 years, is presented in Table 6-6. The calculated cancer risks and noncancer hazards based on ACI emissions only were substantially lower than those calculated for Camp Justice sources. The cancer risks and noncancer hazards presented in Section 5 were reduced by 95-99% for receptors living and working Inside Camp Justice. Cancer risks and noncancer hazards were also reduced (by 60-97%) for combined scenarios of Camp Justice workers who live Outside Camp Justice. As expected, cancer risks and noncancer hazards were unchanged for exposure scenarios exclusively outside of Camp Justice (commercial/industrial and residential MPOI locations) because these scenarios were based on ACI emissions only. This analysis indicated that:



1. The ACI emissions contribute a de minimis amount of cancer risks and noncancer hazards for Camp Justice exposure scenarios; and
2. ACI emissions primarily impacted the Outside Camp Justice Adult Worker who could work at NSGB for 25-years (i.e., cancer risks were above 1E-06 for this receptor).

Risks Calculated Including Vapor Deposition

Although the USEPA Combustor Guidance recommends including dry and wet vapor deposition into the air dispersion and deposition modeling for combustor projects, site-specific vapor deposition is inherently uncertain and difficult to calculate. As stated in the USEPA Combustor Guidance "A recent review of dry deposition (Wesely and Hicks 2000) demonstrates considerable uncertainty about dry deposition even for well-measured species such as ozone and sulfur dioxide. Uncertainty is greater for organic compounds, with very few measurements available to support defensible values..." (USEPA 2005b). Dry and wet vapor deposition were not included in the risk calculations presented in Section 5 of the HHRA due to this uncertainty. Instead, dry and wet vapor deposition were included in this sensitivity analysis in order to evaluate the potential impact of excluding dry and wet vapor deposition from the risks presented in Section 5. Per the USEPA Combustor Guidance, dry and wet vapor deposition were included in the air dispersion and deposition modeling (along with all other modeling assumptions presented in Section 5) as follows:

- A dry vapor deposition velocity of 0.5 centimeter per second (cm/s) was assumed for organic contaminants, chlorine, and hydrochloric acid. The dry vapor deposition velocity value of 0.5 cm/s for organic contaminants is consistent with the range specified for pesticides (0.01 – 1.1 cm/s) and dioxins (0.27 – 0.78 cm/s) (USEPA 2005b).
- A dry vapor deposition velocity of 2.9 cm/s was assumed for divalent mercury. The modeling reported in the Mercury Study Report to Congress (USEPA 2005b) used a value of 0.3 cm/s for nighttime dry deposition of divalent mercury, but used daytime values ranging from 0.20 to 4.83 cm/s depending upon atmospheric stability and land-use category. The daytime values were based on data developed from nitric acid data, not from measurements of divalent mercury. The USEPA used an average Industrial Source Complex (ISC) model-calculated dry deposition velocity of 2.9 cm/s for divalent mercury vapor and 0.06 cm/s for elemental mercury (USEPA 2005b). Higher values were expected for chemicals with greater reactivity than acetic acid or formic acid, but no measured values were identified for any organic compounds higher than 1.1 cm/s. As a result, the USEPA Combustor Guidance recommends the default of 2.9 cm/s for divalent mercury.
- For vapors, wet scavenging depends on the properties of the COPCs. However, not enough data were available to adequately develop COPC-specific scavenging coefficients. Per the USEPA Combustor Guidance, it was assumed that vapors were scavenged at the



rate of the smallest particles, with behavior in the atmosphere that is influenced more by the molecular processes that affect vapors than by the physical processes that may dominate the behavior of larger particles (USEPA 2005b). For wet deposition of vapors, the USEPA Combustor Guidance suggests using a scavenging coefficient for a 0.1- μm particle to simulate wet scavenging of very small (molecular) particles.

The cancer risks and noncancer hazards calculated including vapor deposition are presented in Table 6-7. All other modeling parameters, exposure pathways, exposure parameters, toxicity values, et cetera were identical to those used to calculate the risks presented in Section 5. A comparison of the cancer risks and noncancer hazards presented in Section 5 of the HHRA to the cancer risks and noncancer hazards calculated including vapor deposition, assuming an ACI operational time frame of 16 years and an exposure duration of 6 years is presented in Table 6-8. The cancer risks and noncancer hazards were similar to those presented in Section 5 of the HHRA. This analysis indicates that vapor deposition does not contribute substantially to the overall risks. In addition, including vapor deposition in the risks presented in Section 5 would not change the conclusions and recommendations presented in the HHRA.

Risks Calculated Including Dioxin-Like Congeners

Some PCB congeners can have dioxin-like toxic effects. These PCBs generally include congeners with four or more chlorine atoms and few substitutions in the ortho positions (positions designated 2, 2', 6, or 6'). These PCB congeners are often referred to as coplanar PCBs because the individual PCB rings can rotate into the same plane if not blocked from rotation by ortho-substituted chlorine atoms. Studies have shown that these dioxin-like congeners can react with the aryl hydrocarbon receptor, the same reaction believed to initiate the adverse carcinogenic effects of dioxins/furans (USEPA 2005b). Consequently, the USEPA Combustor Guidance recommends evaluating coplanar PCBs with PCB toxicity values (as was done in Section 5 of this HHRA) and also with dioxin toxicity values (which was done in this sensitivity analysis). The results of the cancer risk calculations presented in Section 5 of this HHRA (where coplanar PCBs were assumed not to have dioxin-like toxicity) were compared with cancer risks (where coplanar PCBs were assumed to have dioxin-like toxicity). All other assumptions used to calculate risk were the same except for including the risks from coplanar PCBs.

The World Health Organization (WHO) has identified the following TEFs for coplanar PCBs (USEPA 2005b).

PCB #	Coplanar PCB	WHO 1998 2,3,7,8-TCDD TEFs
77	3,3',4,4'-tetrachlorobiphenyl	0.0001



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PCB #	Coplanar PCB	WHO 1998 2,3,7,8-TCDD TEFs
81	3,4,4',5-tetrachlorobiphenyl	0.0001
105	2,3,3',4,4'-pentachlorobiphenyl	0.0001
114	2,3,4,4',5-pentachlorobiphenyl	0.0005
118	2,3',4,4',5-pentachlorobiphenyl	0.0001
123	2',3,4,4',5-pentachlorobiphenyl	0.0001
126	3,3',4,4',5-pentachlorobiphenyl	0.1
156	2,3,3',4,4',5-hexachlorobiphenyl	0.0005
157	2,3,3',4,4',5'-hexachlorobiphenyl	0.0005
167	2,3',4,4',5,5'-hexachlorobiphenyl	0.00001
169	3,3',4,4',5,5'-hexachlorobiphenyl	0.01
189	2,3,3',4,4',5,5'-heptachlorobiphenyl	0.0001

The emission rates for coplanar PCBs were converted to 2,3,7,8-TCDD equivalents by multiplying the daytime average emission rate and nighttime average emission rate by the TEF as summarized below.

			NSGB — April 2016 ACI Stack Test Results			
PCB #	Coplanar PCB	WHO 1998 2,3,7,8- TCDD TEFs	Measured Daytime Average Emission Rate (g/sec)	Measured Nighttime Average Emission Rate (g/sec)	Daytime 2,3,7,8- TCDD TEF (g/sec)	Nighttime 2,3,7,8- TCDD TEF (g/sec)
77	3,3',4,4'-tetrachlorobiphenyl	0.0001	9.1E-08	1.8E-07	9.1E-12	1.8E-11
81	3,4,4',5-tetrachlorobiphenyl	0.0001	2.6E-08	7.1E-08	2.6E-12	7.1E-12
105	2,3,3',4,4'-pentachlorobiphenyl	0.0001	5.8E-08	1.1E-07	5.8E-12	1.1E-11
114	2,3,4,4',5-pentachlorobiphenyl	0.0005	1.1E-08	2.1E-08	5.4E-12	1.0E-11
118	2,3',4,4',5-pentachlorobiphenyl	0.0001	1.3E-07	2.1E-07	1.3E-11	2.1E-11
123	2',3,4,4',5-pentachlorobiphenyl	0.0001	6.5E-09	1.4E-08	6.5E-13	1.4E-12
126	3,3',4,4',5-pentachlorobiphenyl	0.1	4.7E-08	9.7E-08	4.7E-09	9.7E-09
156	2,3,3',4,4',5-hexachlorobiphenyl	0.0005	3.1E-08	7.0E-08	1.5E-11	3.5E-11
157	2,3,3',4,4',5'-hexachlorobiphenyl	0.0005	3.1E-08	7.0E-08	1.5E-11	3.5E-11
167	2,3',4,4',5,5'-hexachlorobiphenyl	0.00001	4.2E-09	1.1E-08	4.2E-14	1.1E-13
169	3,3',4,4',5,5'-hexachlorobiphenyl	0.01	8.0E-09	2.1E-08	8.0E-11	2.1E-10
189	2,3,3',4,4',5,5'-heptachlorobiphenyl	0.0001	9.5E-09	1.9E-08	9.5E-13	1.9E-12
Total 2,3,7,8-TCDD TEQ (for Coplanar PCBs Only)					4.9E-09	1.0E-08



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PCB #	Coplanar PCB	WHO 1998 2,3,7,8- TCDD TEFs	NSGB — April 2016 ACI Stack Test Results			
			Measured Daytime Average Emission Rate (g/sec)	Measured Nighttime Average Emission Rate (g/sec)	Daytime 2,3,7,8- TCDD TEF (g/sec)	Nighttime 2,3,7,8- TCDD TEF (g/sec)
			2,3,7,8-TCDD only (No Coplanar PCB TEQs)		9.3E-09	6.1E-09
			2,3,7,8-TCDD TEQ (Sum of TCDD + Coplanar PCB TEQs)		1.4E-08	1.6E-08

Cancer risks were calculated by incorporating the emission rates for coplanar PCBs assuming a 16-year ACI operational time frame. The cancer risks for 2,3,7,8-TCDD (from Section 5) and 2,3,7,8-TCDD + coplanar PCB congeners are presented below. The cumulative cancer risks from Section 5 are also compared to the cumulative cancer risks including 2,3,7,8-TCDD + coplanar PCB congeners.

Sensitivity Analysis Results	Cancer Risks at the Residential MPOI Location Outside Camp Justice (Assuming a 16-year ACI Operational Time Frame)				
	Child 3- Year Exposure Duration	Adult 3- Year Exposure Duration	Child 6- Year Exposure Duration	Adult 6- Year Exposure Duration	Adult 25- Year Exposure Duration
2,3,7,8-TCDD Risk Only (from Section 5)	5.3E-09	5.2E-09	1.1E-08	1.0E-08	4.3E-08
2,3,7,8-TCDD + Coplanar PCB Congeners Risk (Sensitivity Analysis)	1.3E-08	1.2E-08	2.5E-08	2.4E-08	1.0E-07
Ratio of 2,3,7,8-TCDD Risks (All Exposure Pathways)	2.4	2.4	2.4	2.4	2.4
Cumulative Risk (2,3,7,8-TCDD only) + All Other chemical (from Section 5)	3.5E-07	2.9E-07	6.6E-07	5.9E-07	2.5E-06
Cumulative Risk (2,3,7,8-TCDD + Co-Planer PCB Congeners) + All Other Chemicals (Sensitivity Analysis)	3.5E-07	3.0E-07	6.7E-07	6.0E-07	2.5E-06
Ratio of Cumulative Risks (All Chemicals/All Exposure Pathways)	1.0	1.0	1.0	1.0	1.0

The results of this sensitivity analysis indicate that the 2,3,7,8-TCDD cancer risks are approximately 2.4 times higher when coplanar PCBs are included in the risk calculation. However, the impact of incorporating coplanar PCBs in the cumulative cancer calculations is negligible as the ratio of cumulative cancer risks (calculated with and without coplanar PCBs) is approximately one which indicates no change in the risks.



Section 7: Conclusions

Cumulative cancer risks were within or below the USEPA acceptable risk range of 1E-06 to 1E-04 (i.e., 1 in 1,000,000 to 1 in 10,000) and cumulative noncancer hazards benchmark of one was exceeded for Adult Resident/Workers Inside Camp Justice (these receptors were assumed to spend 16 hours/day at home and 8 hours/day at work). The highest cumulative cancer risks and noncancer hazards were associated with living in EU-1 (Old Cuzcos) or EU-2 (New Cuzcos). Cumulative cancer risks were less than 1E-06 and cumulative noncancer hazard were less than one for receptors living and working in the EU-7 (Tents).

The impact of ACI emissions to risks and hazards associated with living Outside Camp Justice were negligible. Cancer risks for receptors who work Inside Camp Justice and live Outside Camp Justice (the combined scenario) were lower than the risks for receptors who live and work Inside Camp Justice (Adult Resident/Workers Inside Camp Justice) and similar to receptors who only work Inside Camp Justice (Adult Workers Inside Camp Justice).

Inhalation of formaldehyde in indoor air accounted for the majority of cumulative cancer risks and noncancer hazards associated with residential areas EU-1 and EU-2 and with work sites EU-3, EU-6, and EU-8 (see Table 5-3). Formaldehyde is frequently found in plywood, fiberboard, insulation, resins, glues, and other building materials in buildings (modular and stick-frame buildings). The concentrations of formaldehyde detected in indoor air at Camp Justice were within the range of concentrations considered "Low" to "Mid" by the CDC for typical (background) concentrations observed in manufactured homes; therefore, people may be exposed to similar concentrations of formaldehyde in indoor air in buildings in the US (CDC Fact Sheet 2016). Since formaldehyde was detected at typical US background concentrations, cancer risks and hazards were also calculated without formaldehyde concentrations. The cumulative risks Inside Camp Justice, when formaldehyde was removed from the calculations, significantly decreased for most exposure scenarios (see Tables 5-1 and 5-2).

Three ACIs burn MSW at NSGB (northwest of Camp Justice) 24-hours per day, six days per week (see Section 2). The ACIs have been in operation since 2000. The maximum operational life of the ACIs is predicted to be 30 years; therefore, it was assumed that the ACIs will continue to function at current capacity from 2016 – 2030 (the remaining operational lifetime for the ACIs after data collection for this HHRA is 14 years). Planned future use of the ACIs is to continue to operate the ACIs through 31 January 2021. On 28 October 2016, NSGB (CO NSGB ltr 5090 NOO 28 Oct 16) requested renewal of the waiver to the Final Governing Standards to continue to operate the incinerators through 31 January 2021. This was endorsed by CNRSE on 3 November 2016 and by US Naval Forces Southern Command on 10 November 2016 and is now under consideration by SOUTHCOM.



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Cancer risks and noncancer hazards calculated for Child and Adult Residents and Adult Workers Outside Camp Justice, which are attributed to ACI emissions only, were below $1E-06$ and an HI of 1 for all exposure durations except 25 years. The cancer risk for the 25 year exposure was less than $1E-06$. Cancer risks and noncancer hazards for current (16-year ACI lifetime) and future (30-year ACI lifetime) exposures were equivalent for all scenarios. This result indicates that COPCs associated with ACI emissions are not expected to add to cancer risks and noncancer hazards in the future.



Section 8: References

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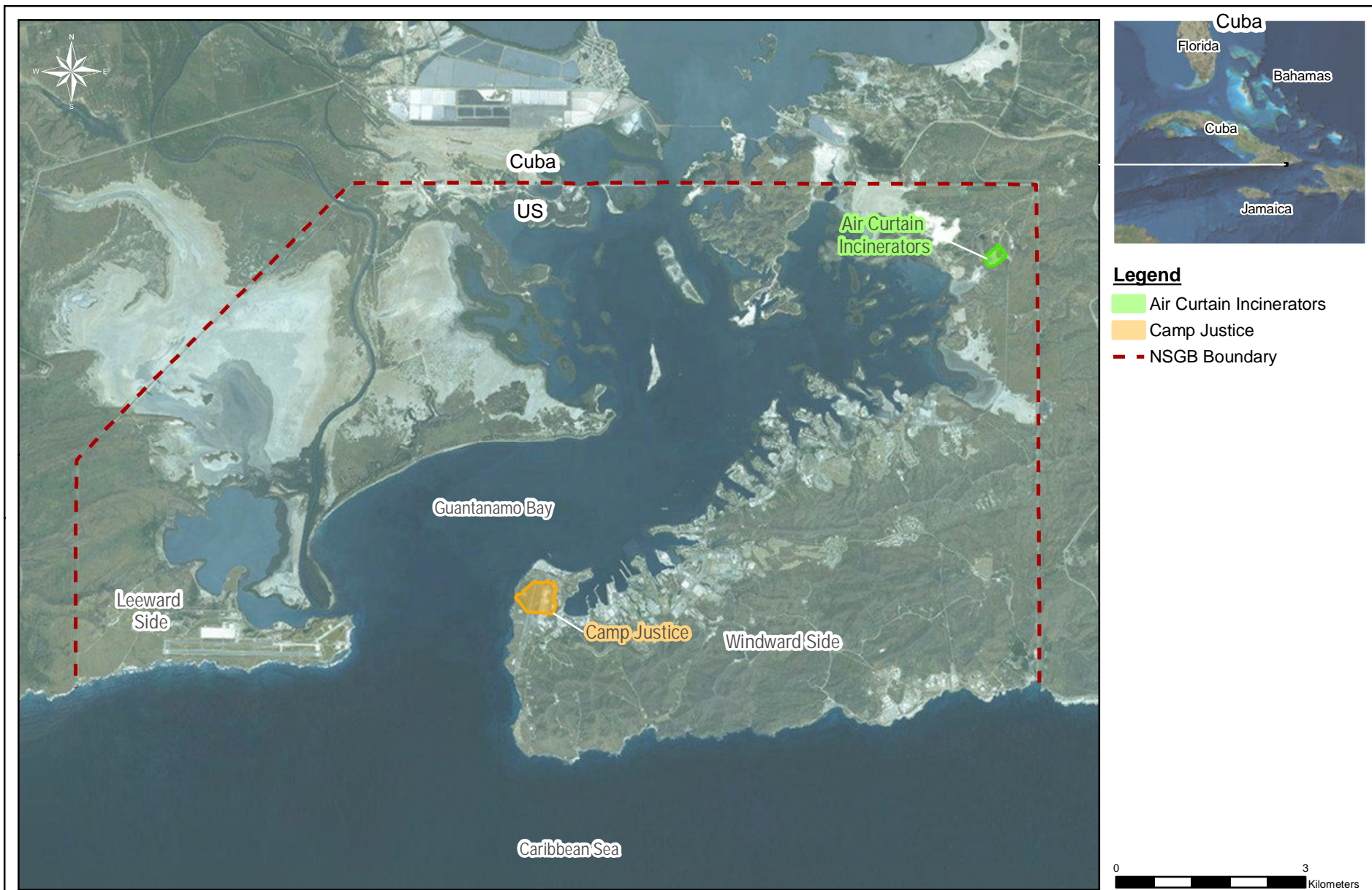
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USEPA 2016e. Lead at Superfund Sites: Risk Assessment. <https://www.epa.gov/superfund/lead-superfund-sites-risk-assessment>. Accessed 8 Dec. 2016.

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Figures





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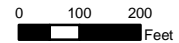
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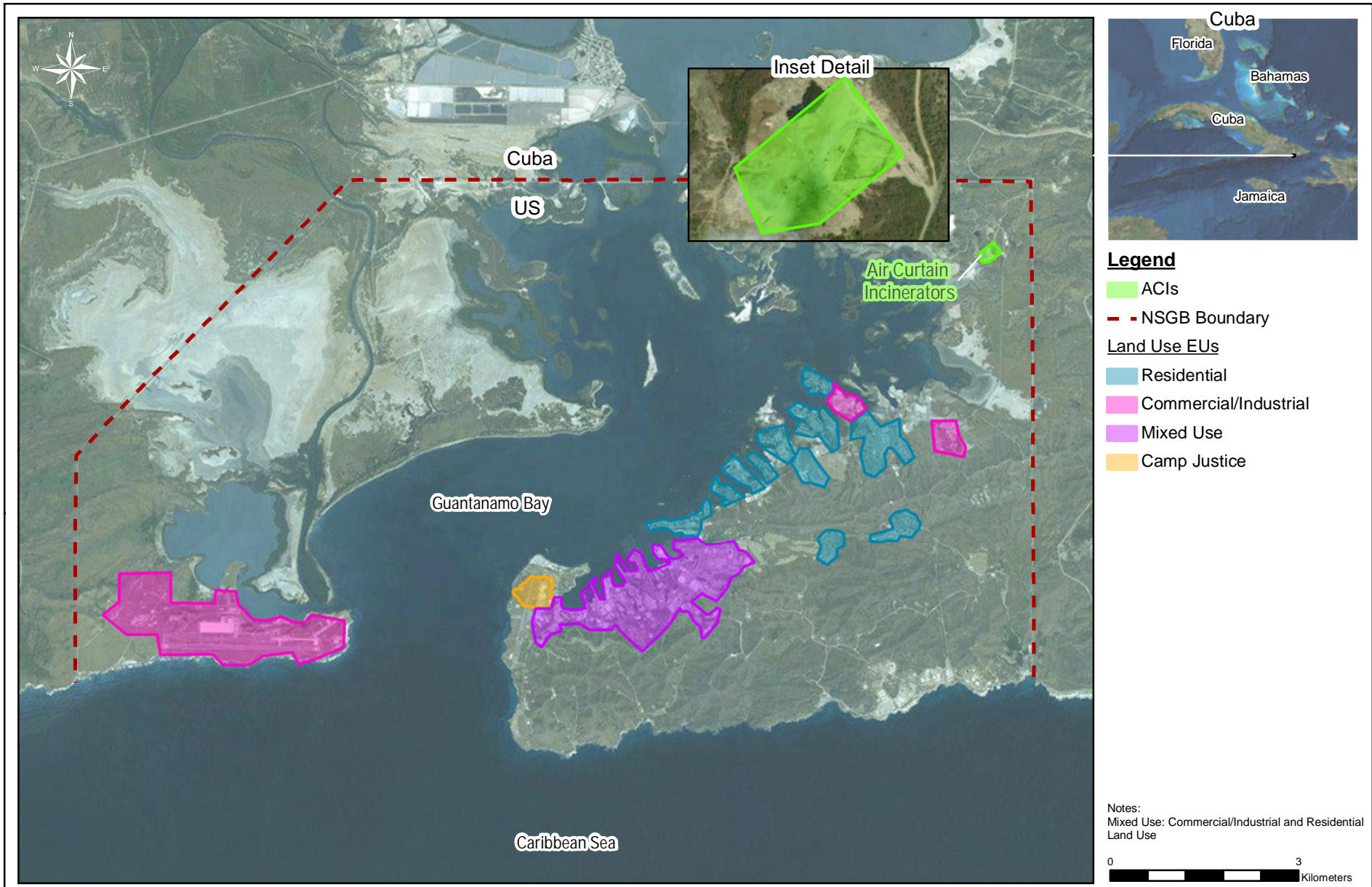
-  Camp Justice
-  EUs

Notes:
 -Building numbers are presented in parentheses.
 -Boundaries are approximate.



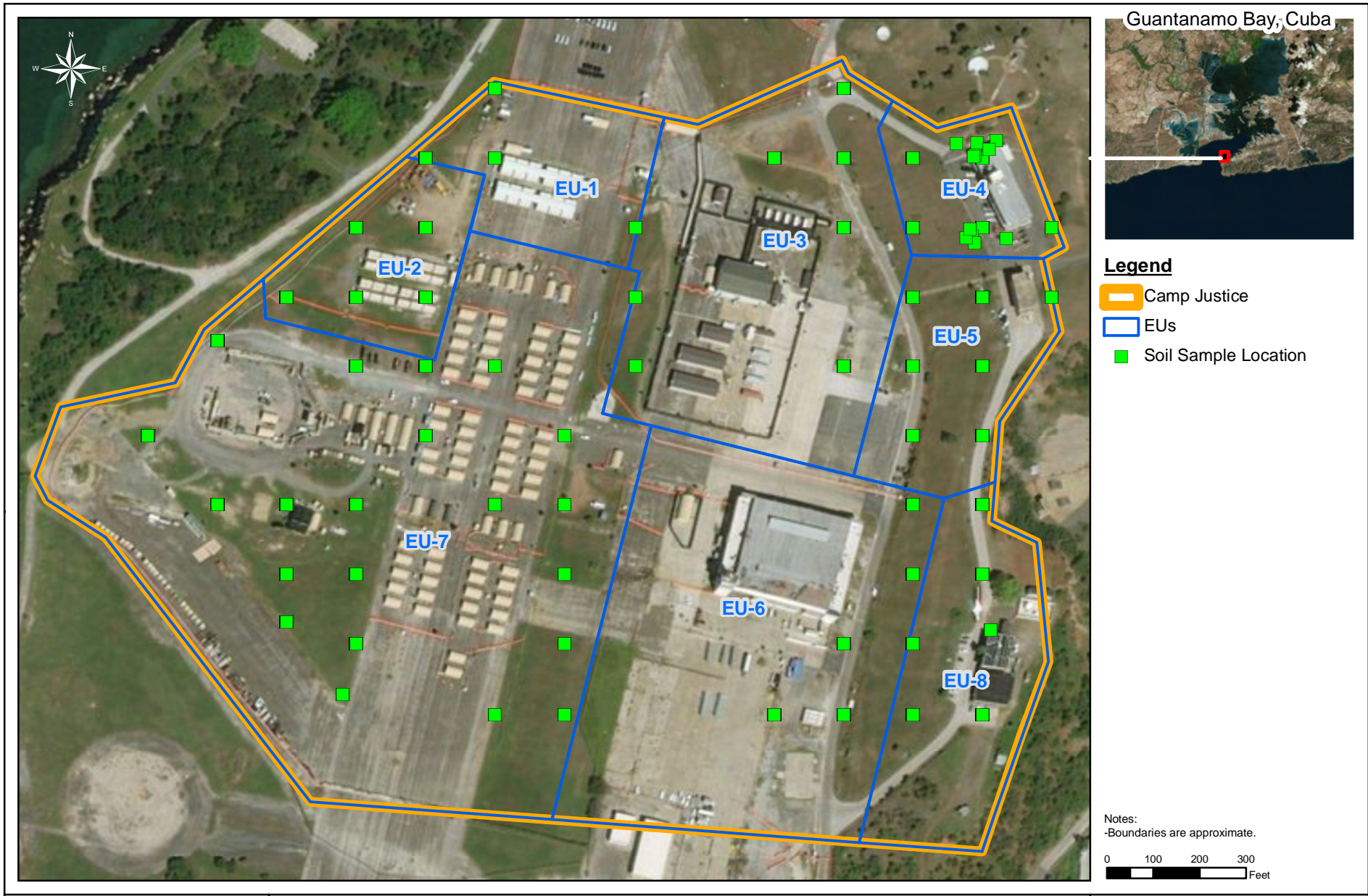
Inside Camp Justice EUs
 Naval Station Guantanamo Bay Human Health Risk Assessment
 Navy and Marine Corps Public Health Center

Figure 1-2



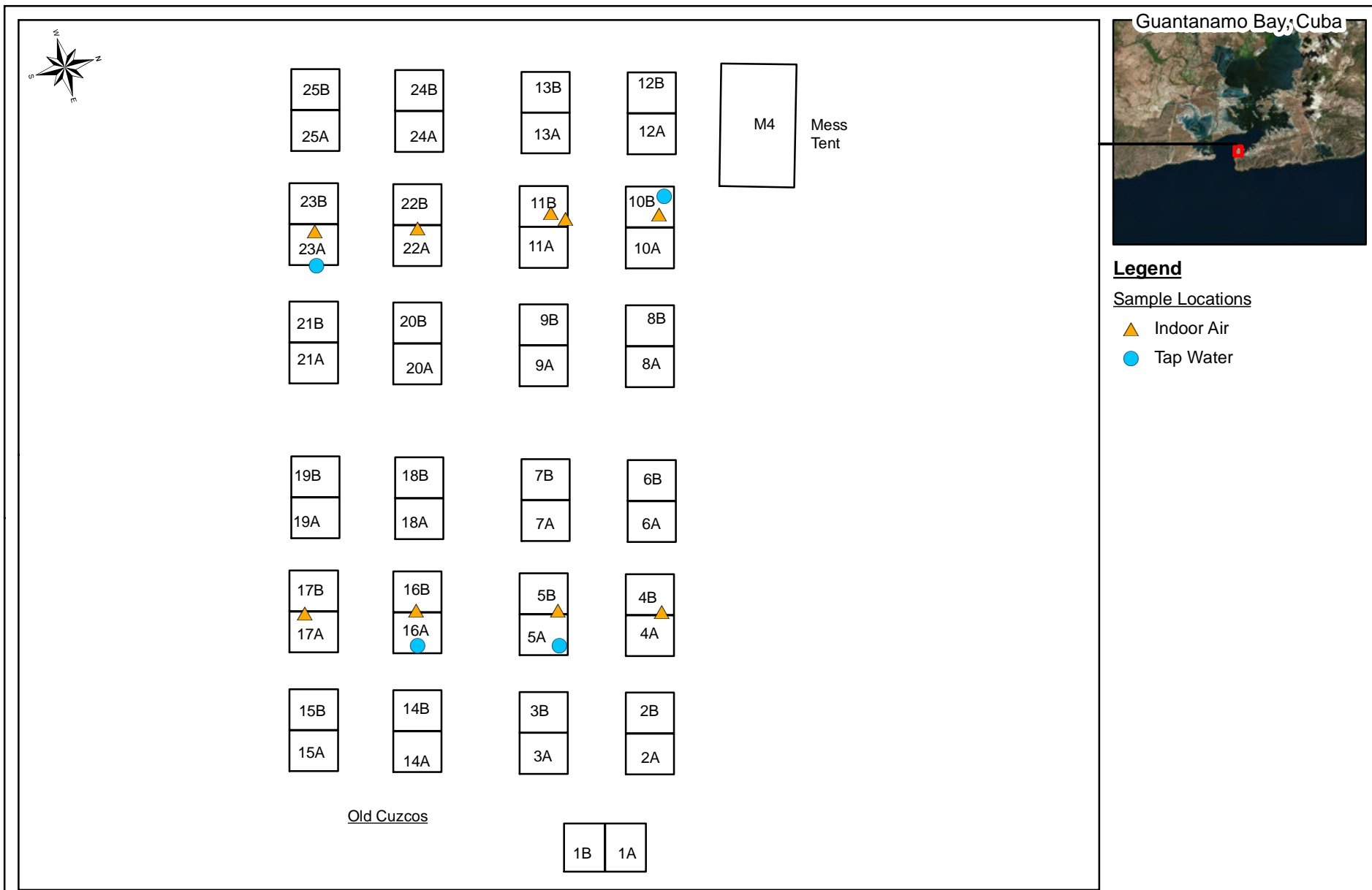
Outside Camp Justice EUs
Naval Station Guantanamo Bay Human Health Risk Assessment
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Figure 1-3



Soil Sample Locations
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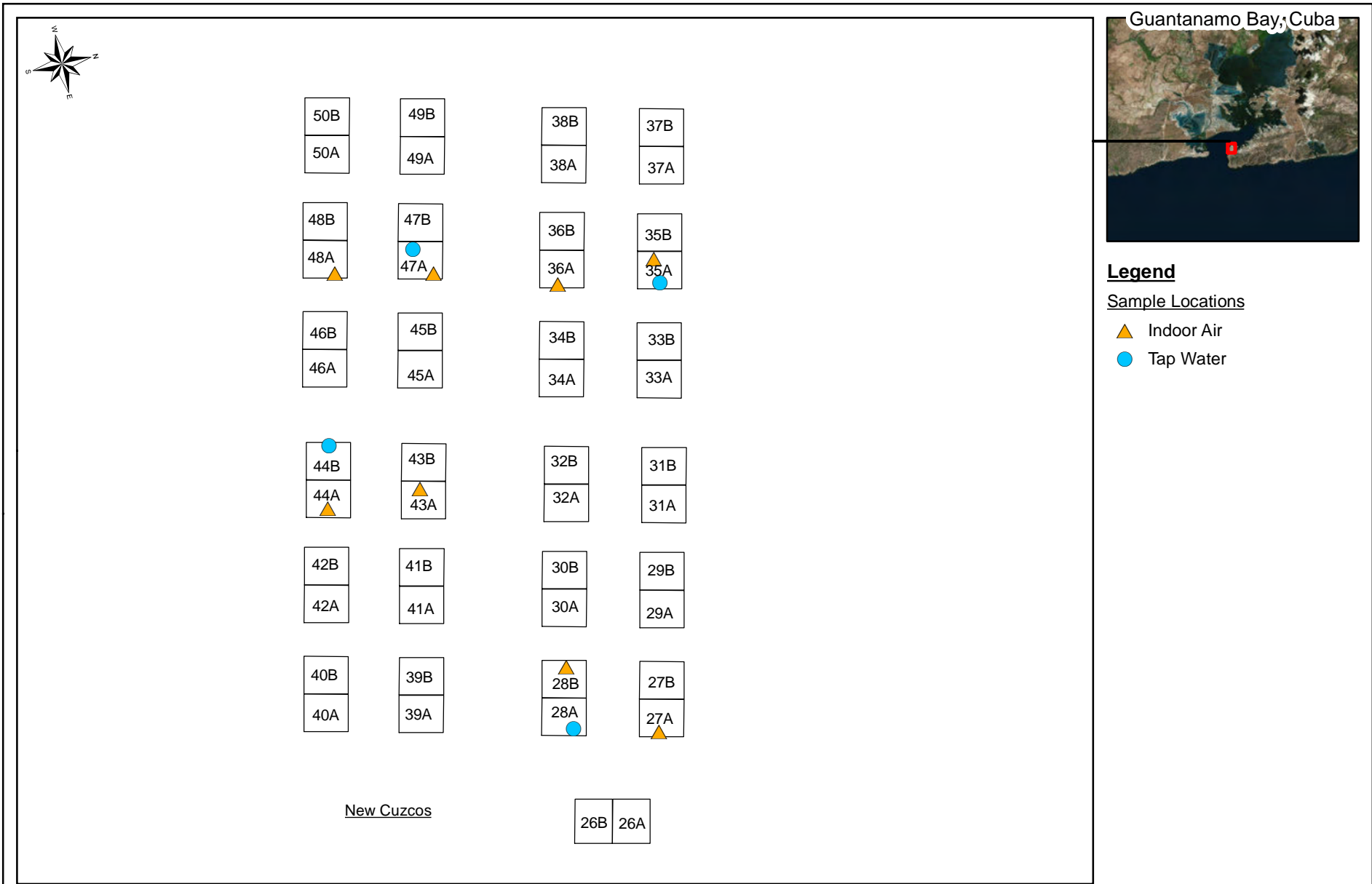
Figure 2-1



Legend
Sample Locations
▲ Indoor Air
● Tap Water

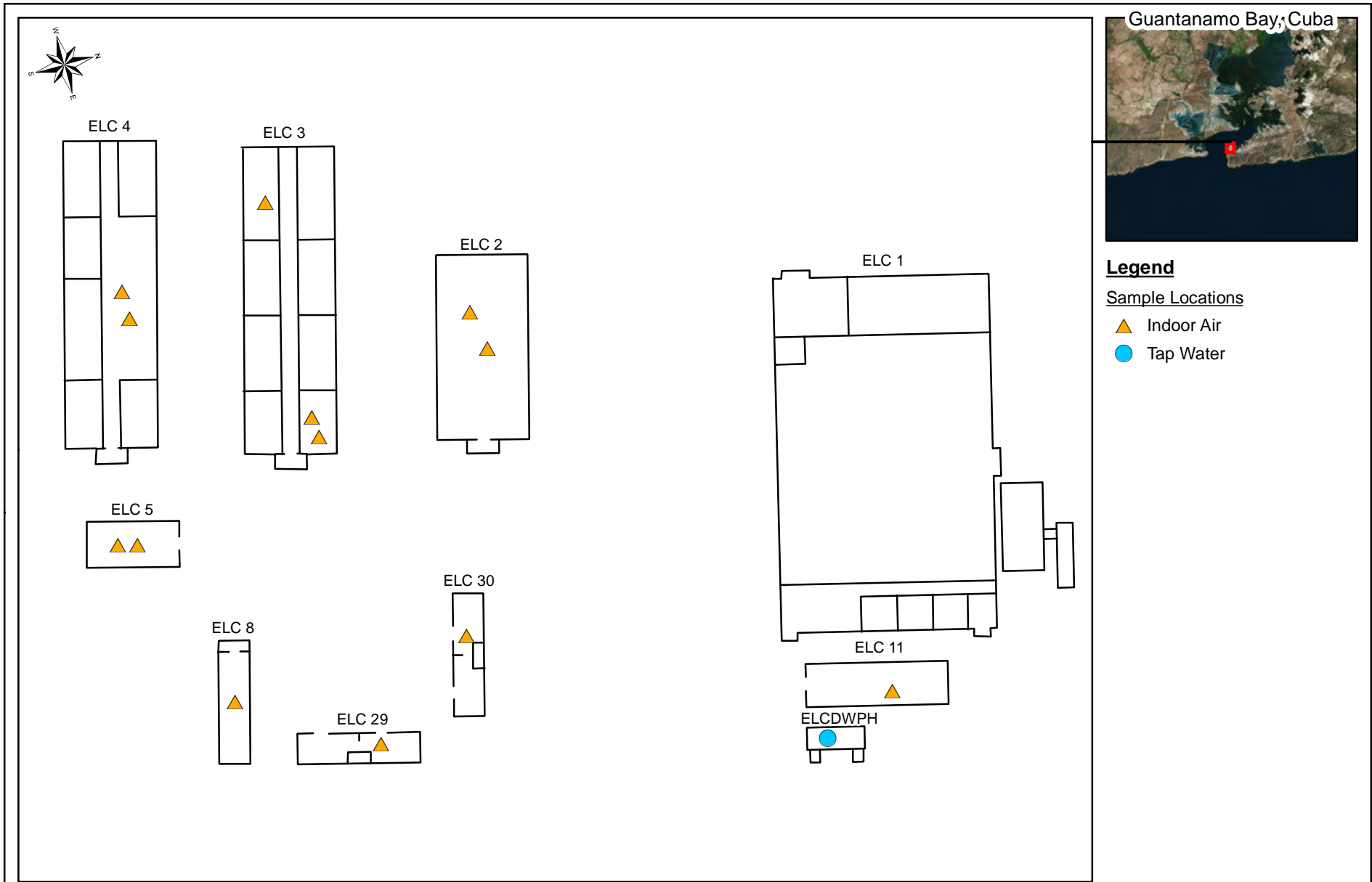
Indoor Air and Tap Water Sample Locations in the Old Cuzcos (EU-1)
Naval Station Guantanamo Bay Human Health Risk Assessment
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Figure 2-2



Indoor Air and Tap Water Sample Locations in the New Cuzcos (EU-2)
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Figure 2-3



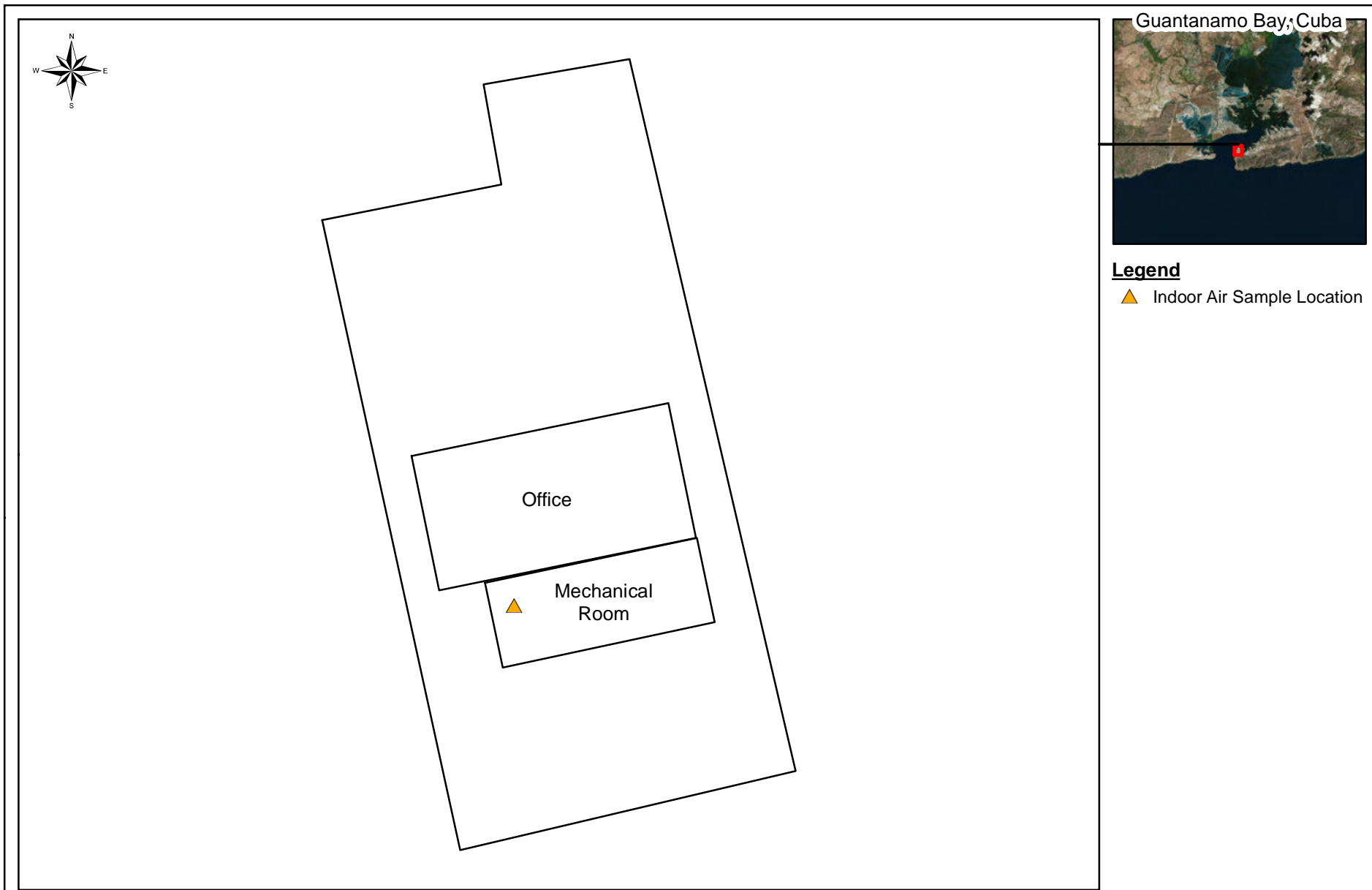
Indoor Air and Tap Water Sample Locations in the ELC (EU-3)
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Figure 2-4



Indoor Air, Outdoor Air, and Tap Water Sample Locations in AV-34 (EU-4)
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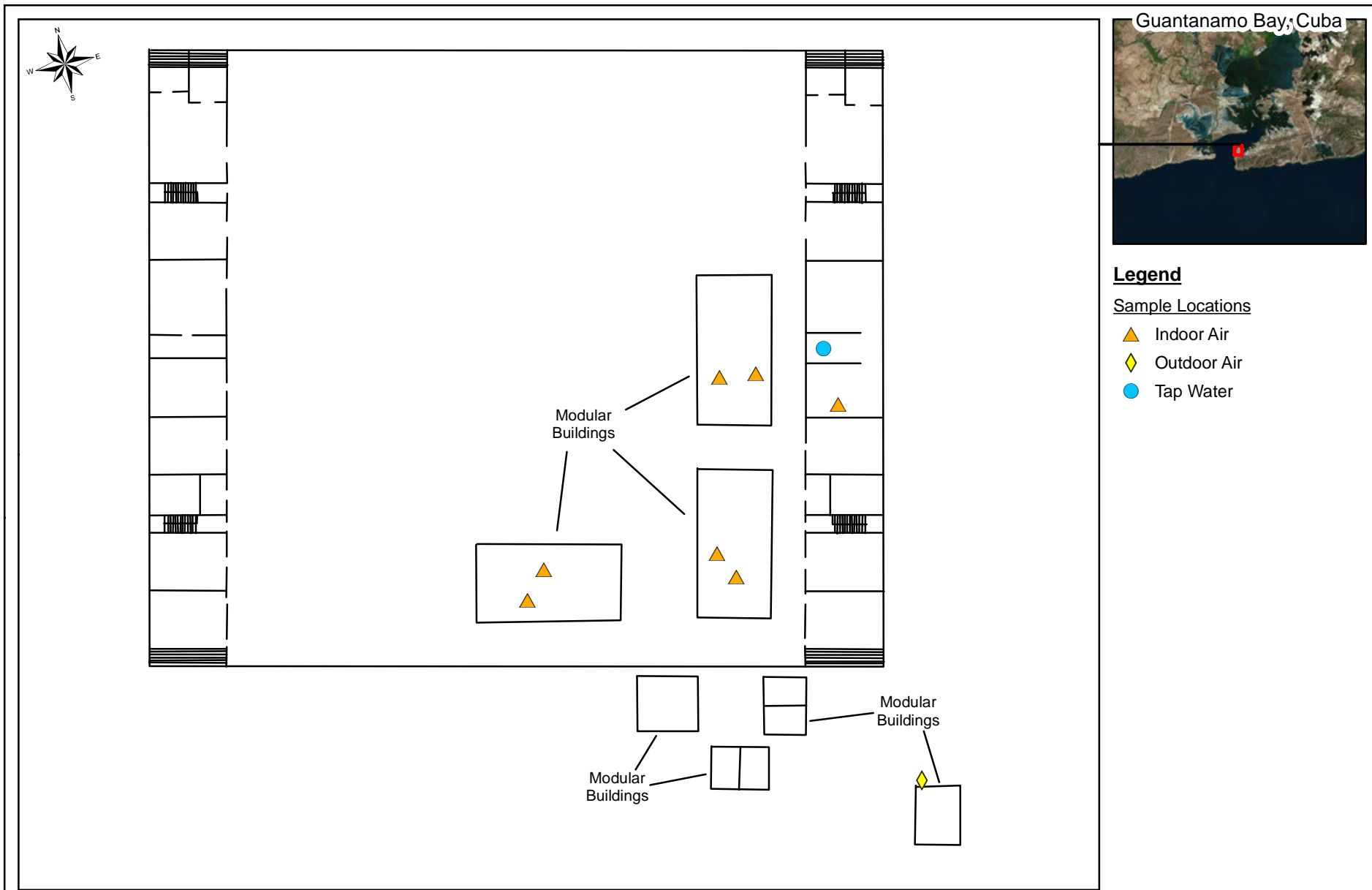
Figure 2-5



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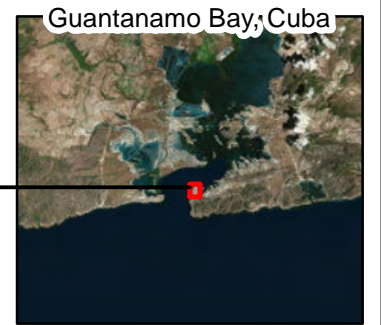
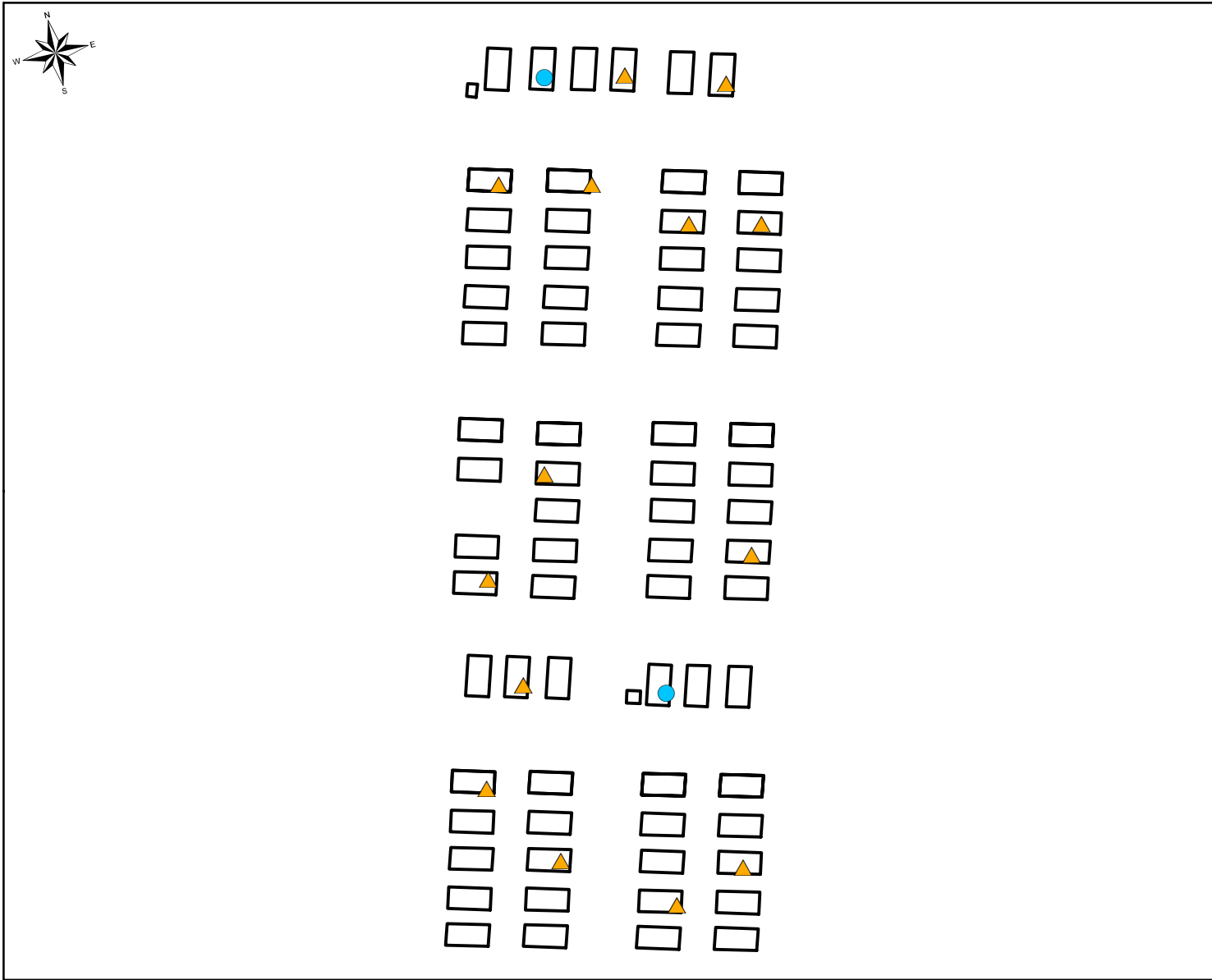
Indoor Air and Tap Water Sample Locations in AV-31 (EU-5)
Naval Station Guantanamo Bay Human Health Risk Assessment
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Figure 2-6



Indoor Air, Outdoor Air, and Tap Water Sample Locations in AV-32 (EU-6)
Naval Station Guantanamo Bay Human Health Risk Assessment
Navy and Marine Corps Public Health Center

Figure 2-7



Legend

Sample Locations

- ▲ Indoor Air
- Tap Water

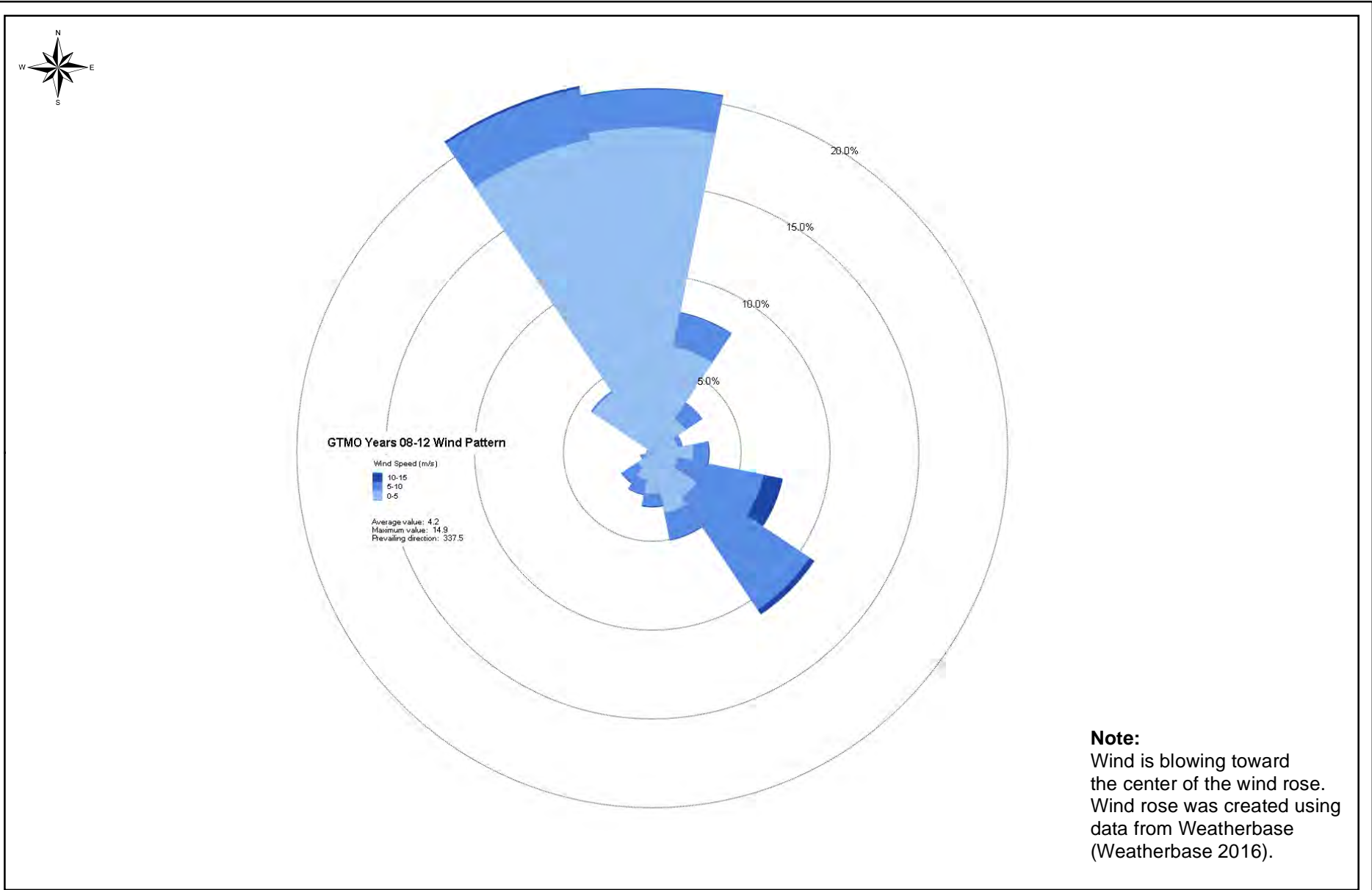


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Indoor Air and Tap Water Sample Locations in the Tents (EU-7)
Naval Station Guantanamo Bay Human Health Risk Assessment
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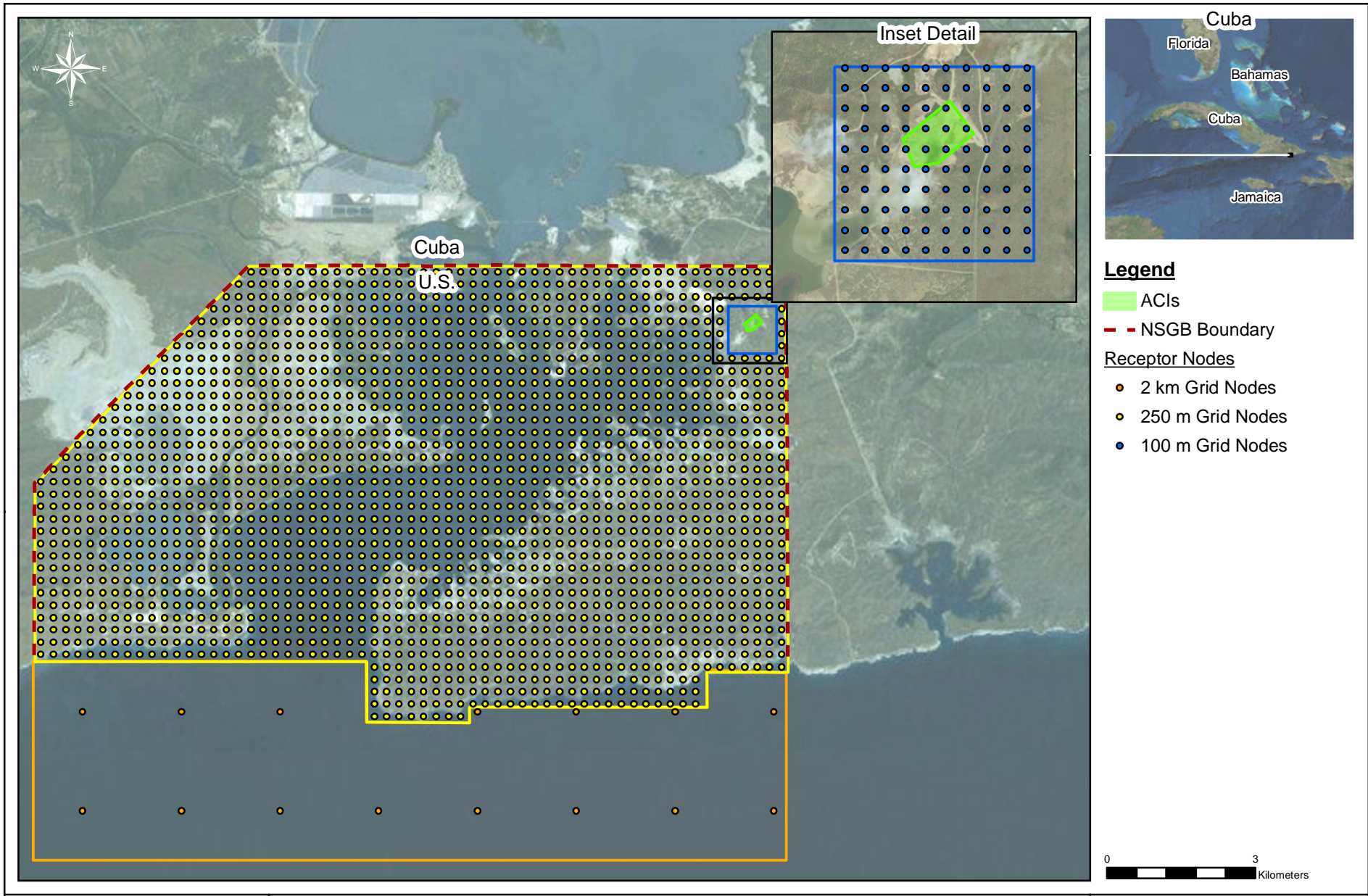
Figure 2-8





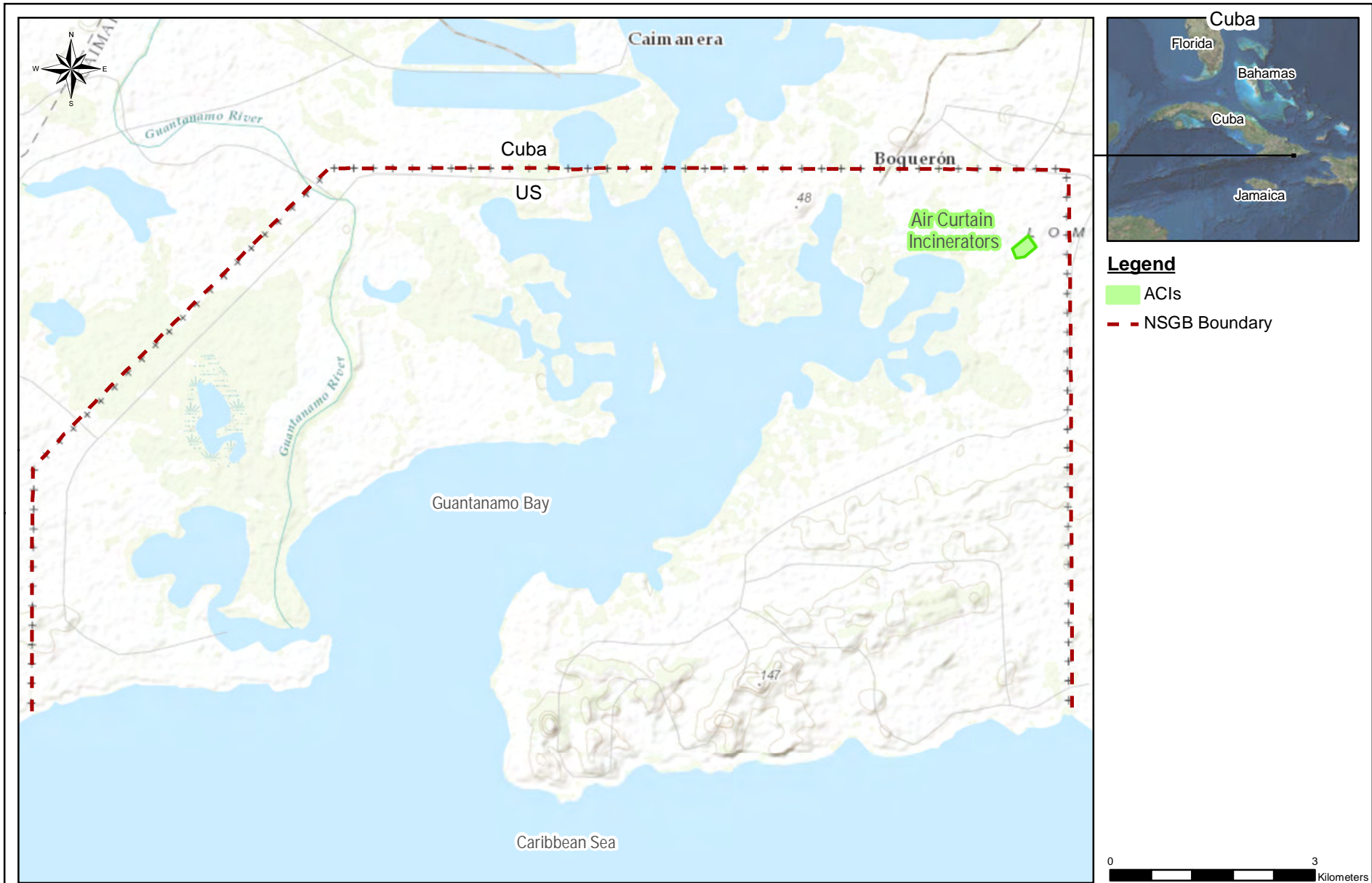
Wind Frequency Distribution
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Navy and Marine Corps Public Health Center

Figure 2-10



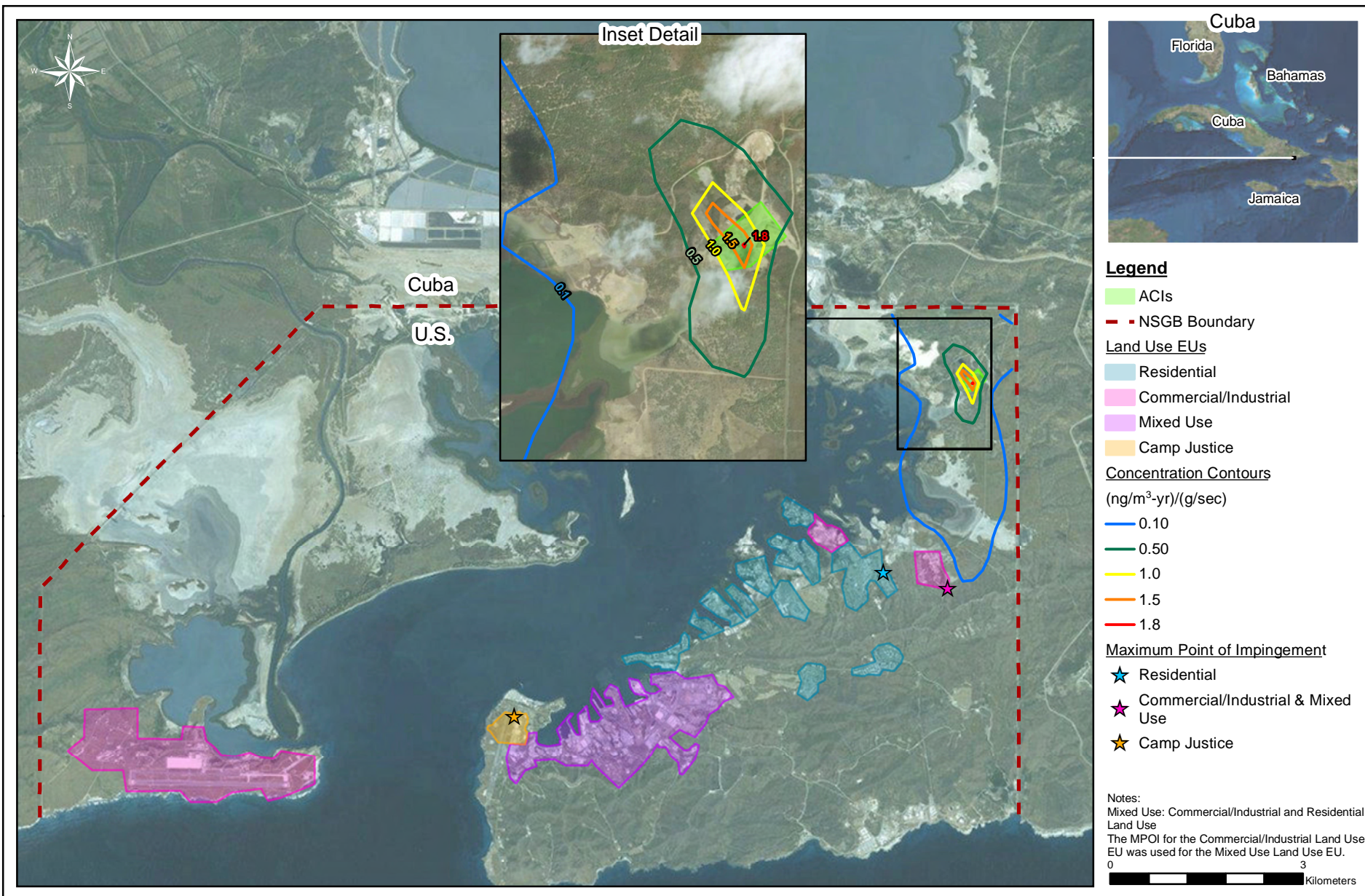
Full Receptor Grid
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Figure 2-11



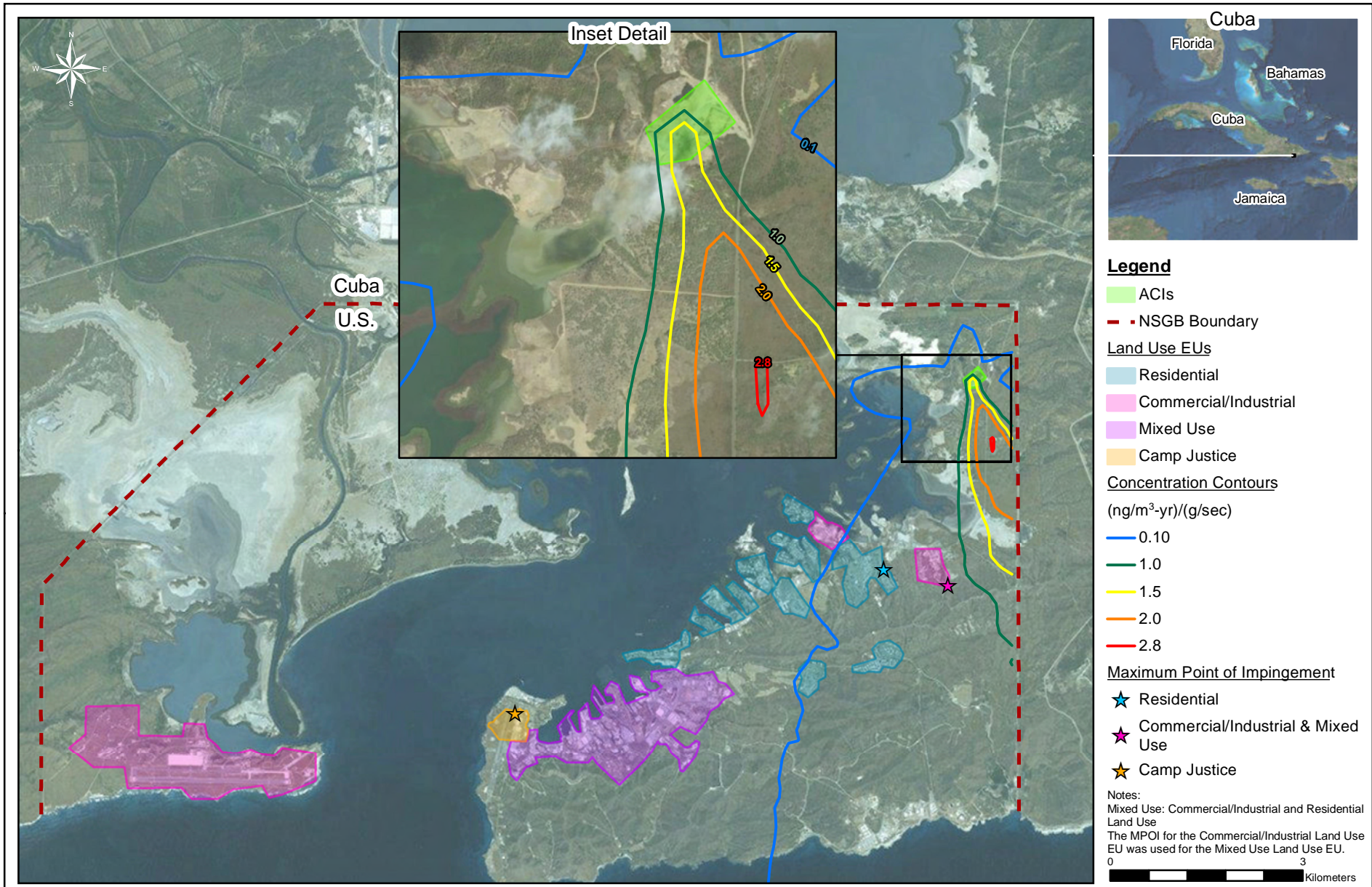
Topography of Guantanamo Bay
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Navy and Marine Corps Public Health Center

Figure 2-12



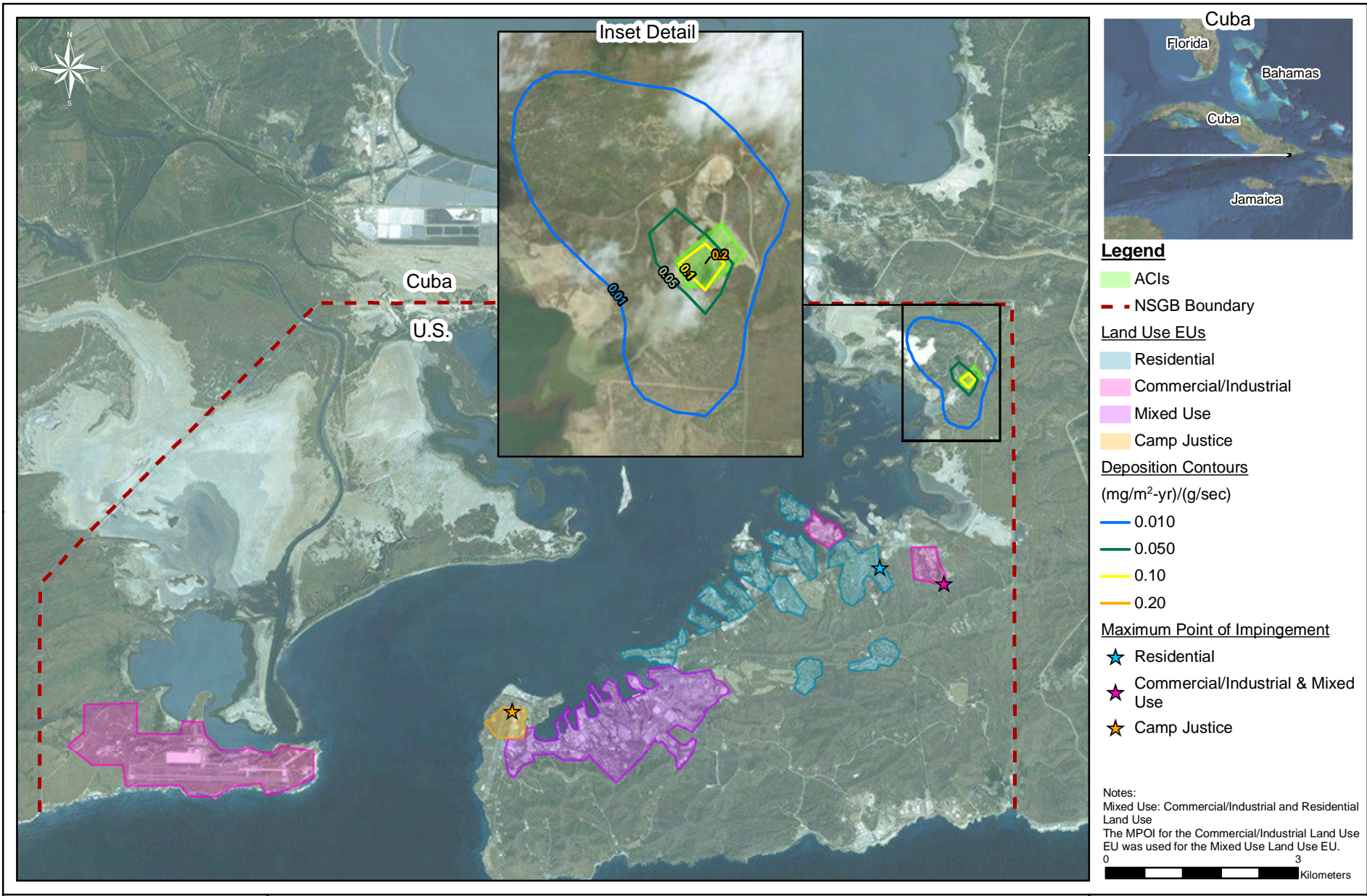
Modeled Daytime Average Annual Concentration for Particle-Bound Chemicals
Naval Station Guantanamo Bay Human Health Risk Assessment
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Figure 2-13



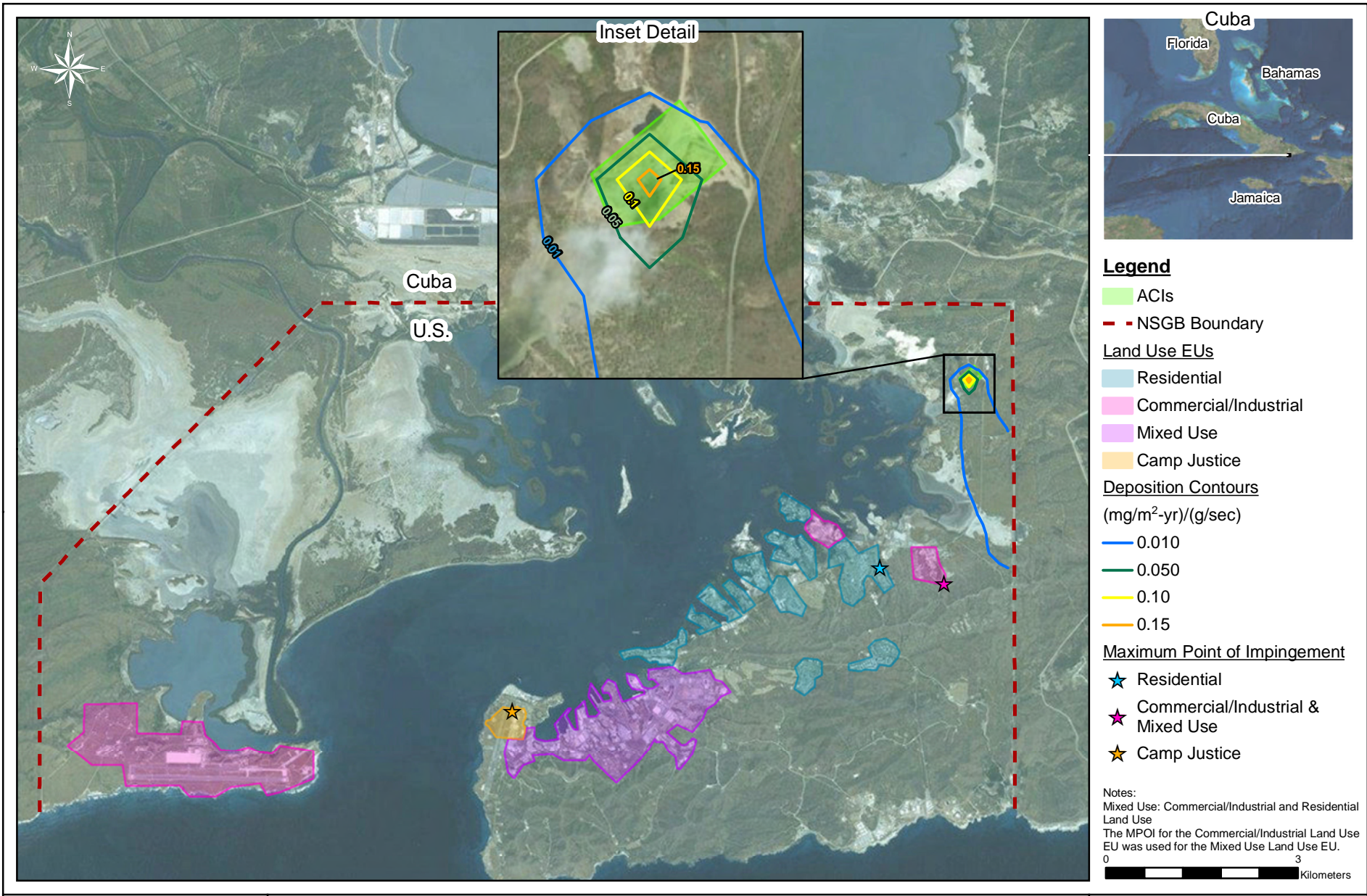
Modeled Nighttime Average Annual Concentration for
Particle-Bound Chemicals
Naval Station Guantanamo Bay Human Health Risk Assessment
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Figure 2-14



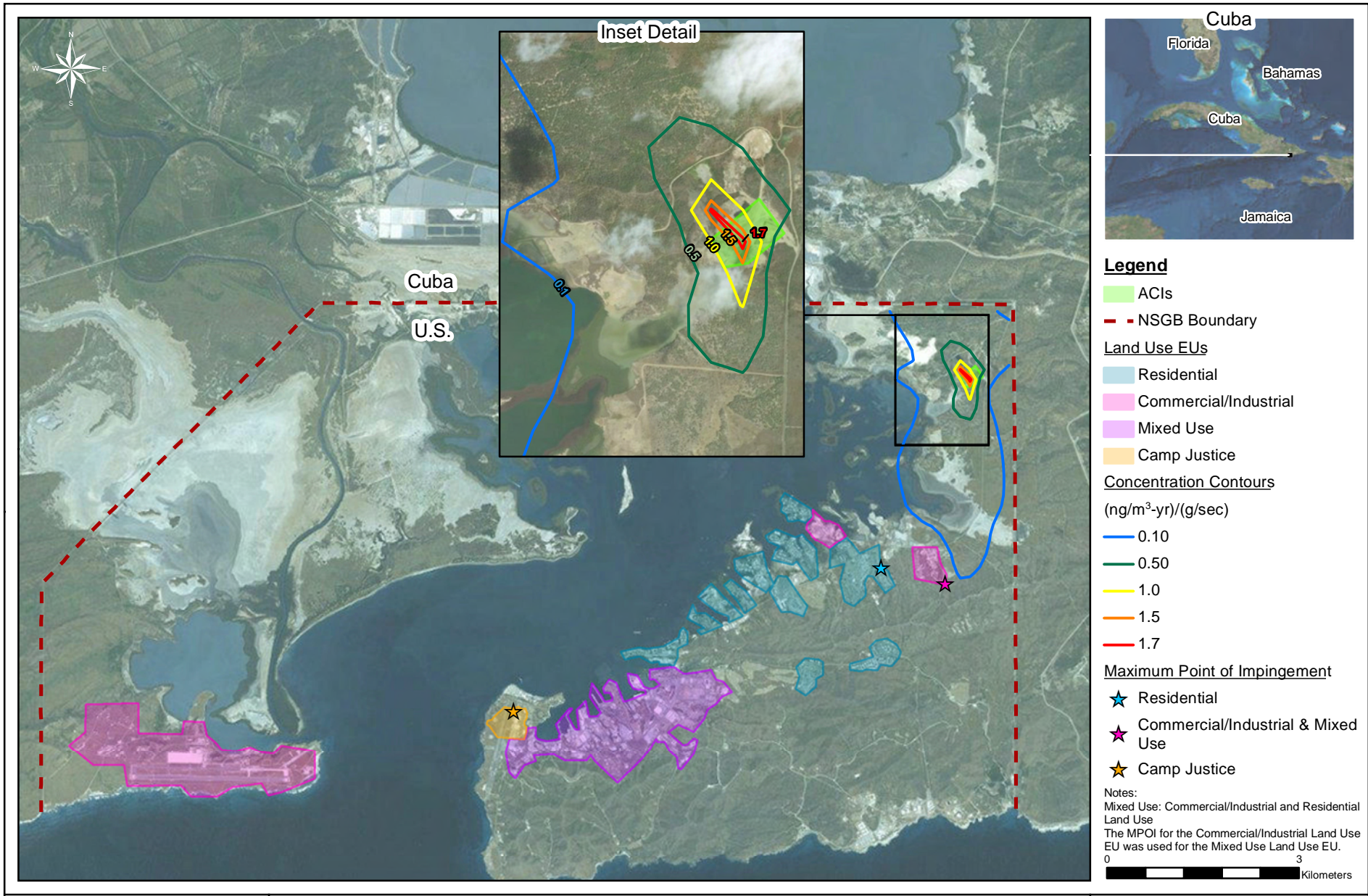
Modeled Daytime Average Annual Deposition for Particle-Bound Chemicals
Naval Station Guantanamo Bay Human Health Risk Assessment
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Figure 2-15



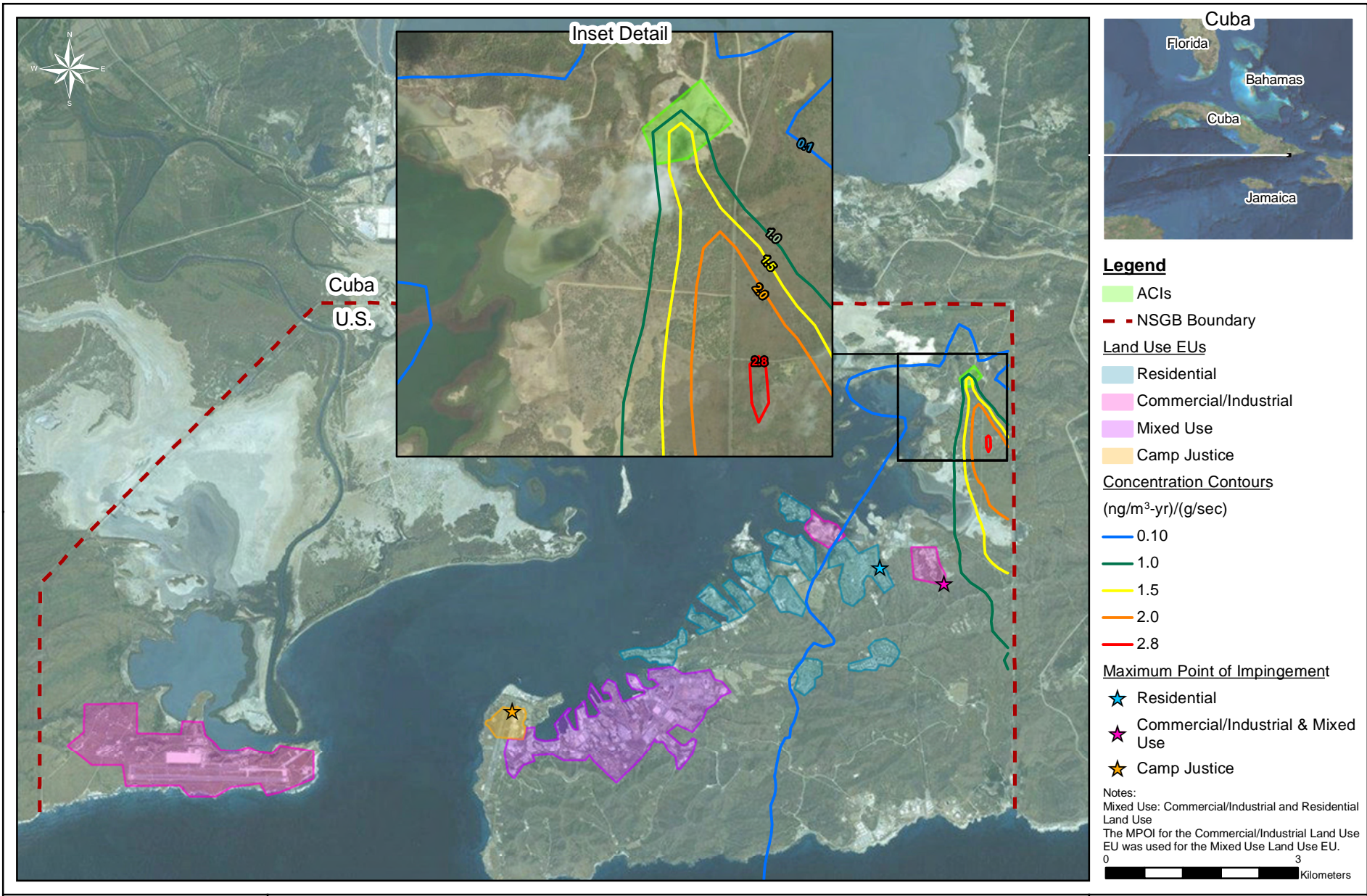
Modeled Nighttime Average Annual Deposition for Particle-Bound Chemicals
Naval Station Guantanamo Bay Human Health Risk Assessment
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Figure 2-16



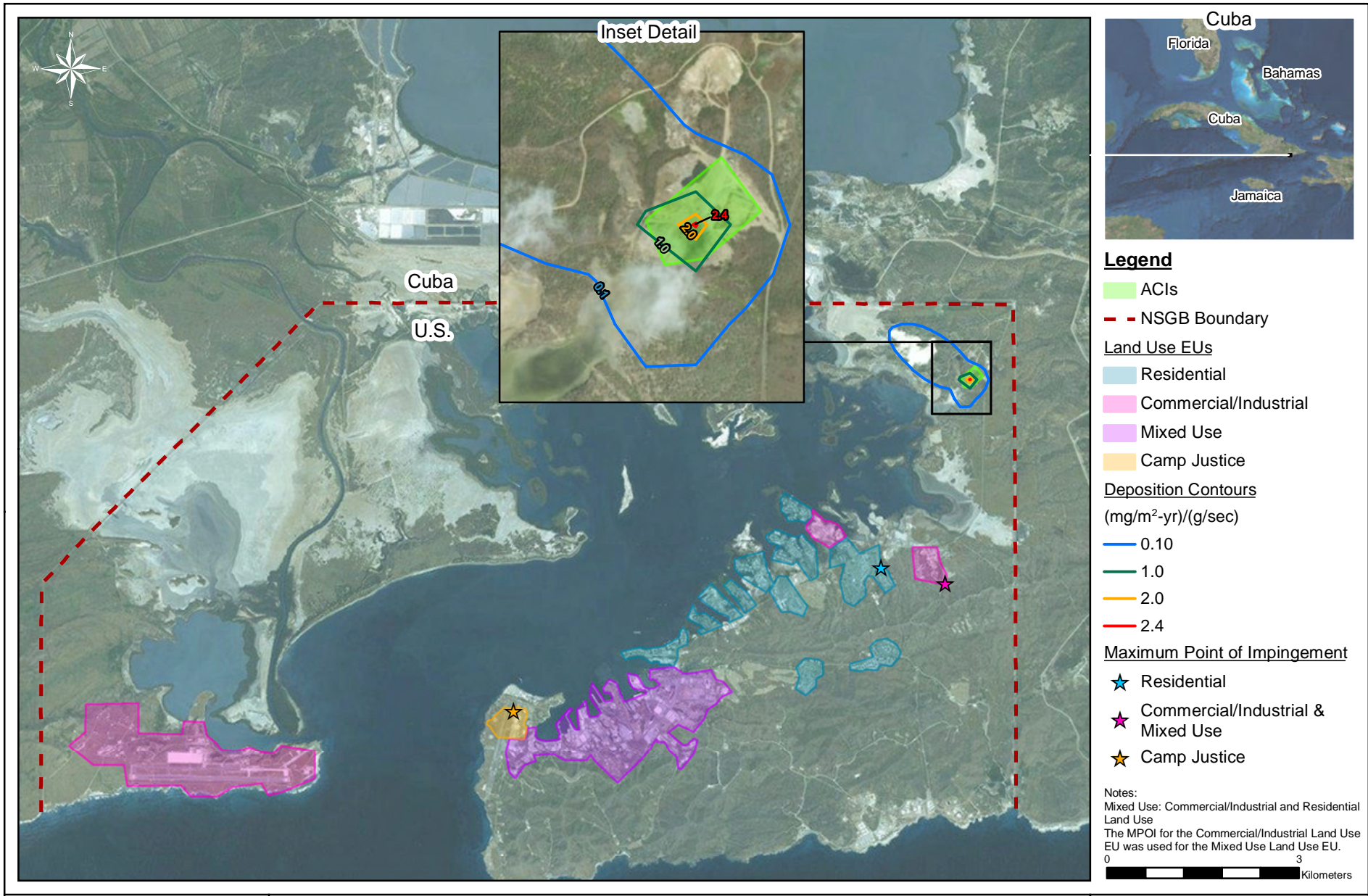
Modeled Daytime Average Annual Concentration for Particle-Phase Chemicals
 Naval Station Guantanamo Bay Human Health Risk Assessment
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Figure 2-17



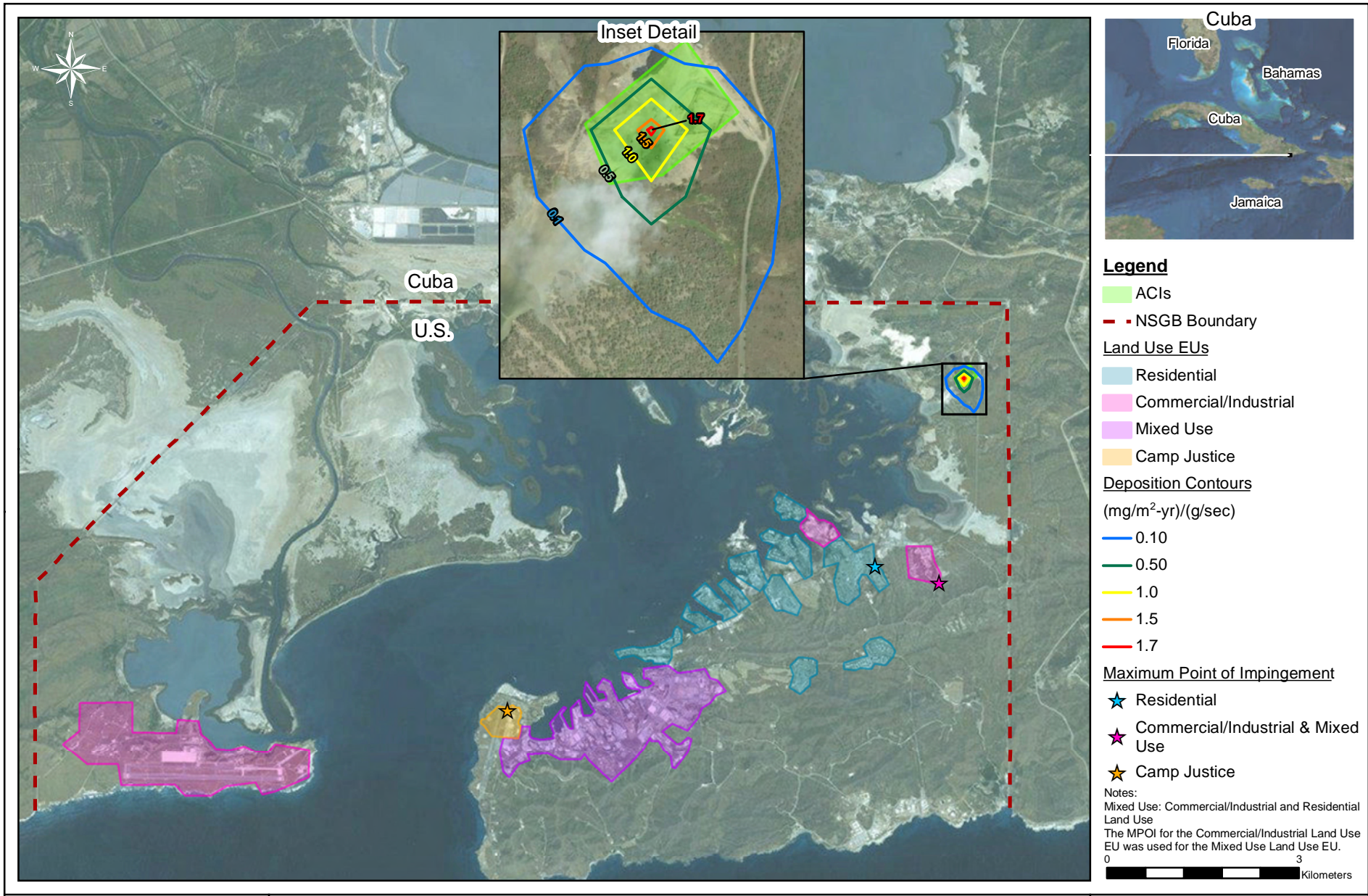
Modeled Nighttime Average Annual Concentration for
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Naval Station Guantanamo Bay Human Health Risk Assessment
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Figure 2-18



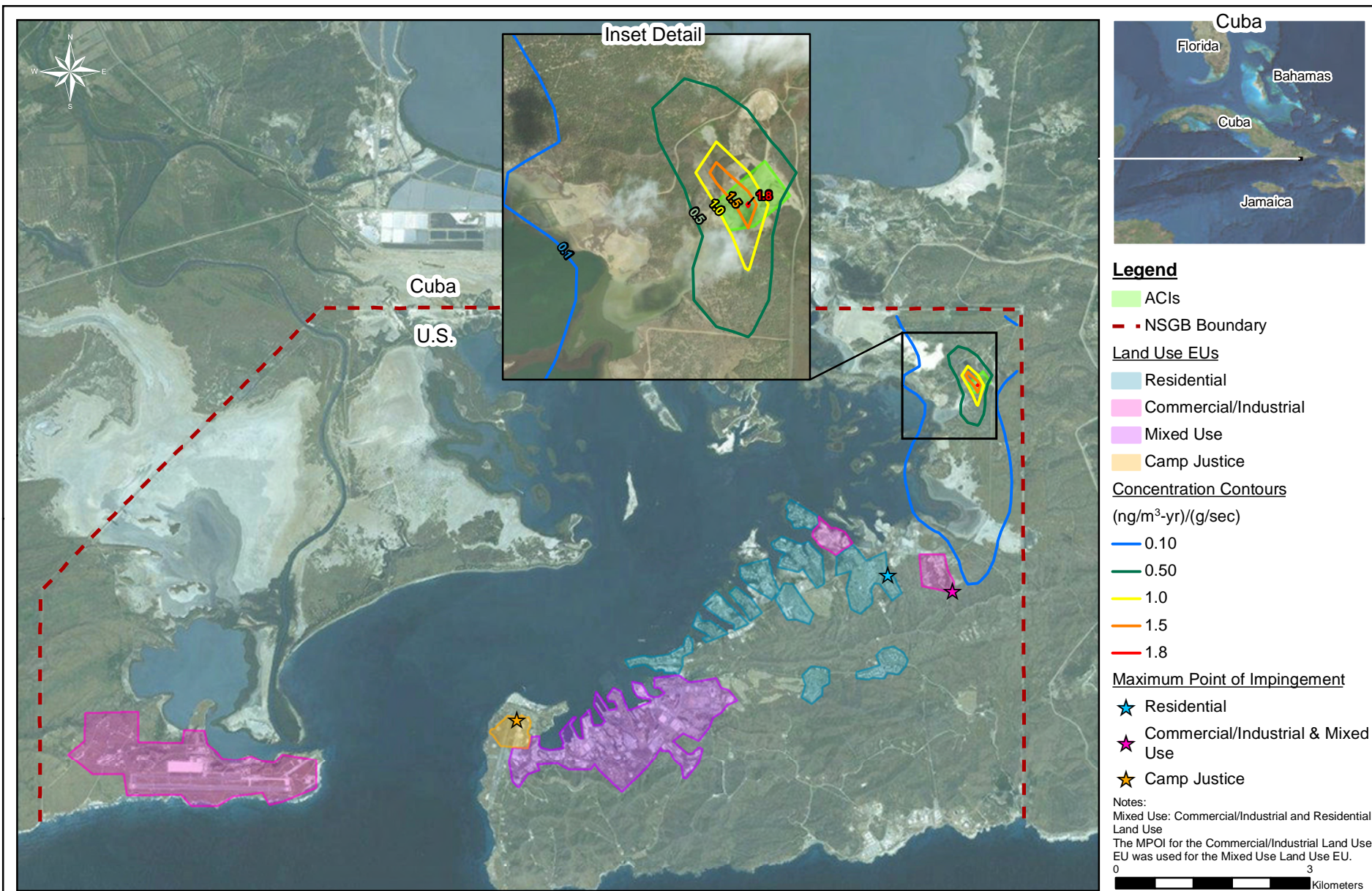
Modeled Daytime Average Annual Deposition for Particle-Phase Chemicals
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Figure 2-19



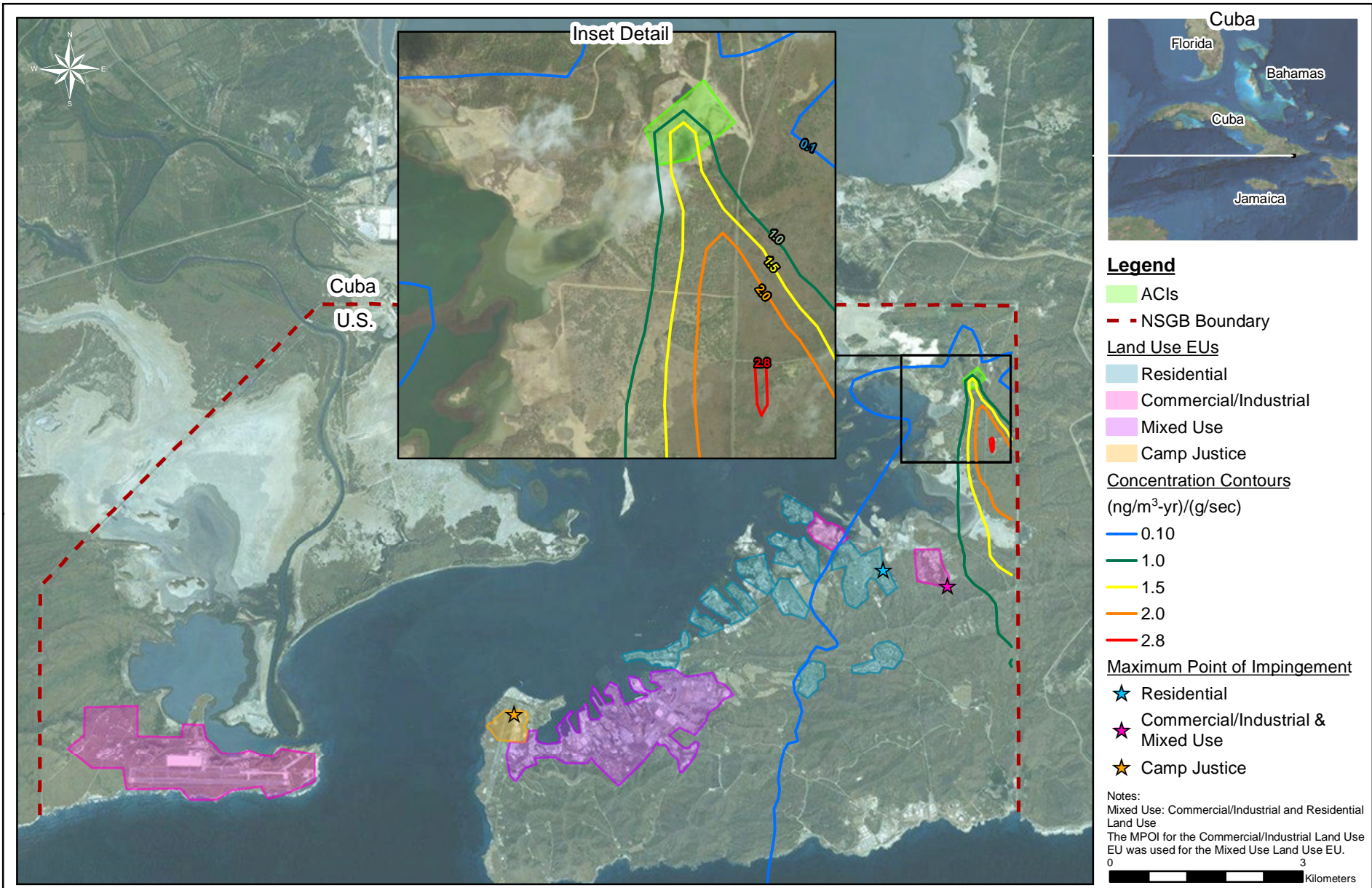
Modeled Nighttime Average Annual Deposition for Particle-Phase Chemicals
Naval Station Guantanamo Bay Human Health Risk Assessment
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Figure 2-20



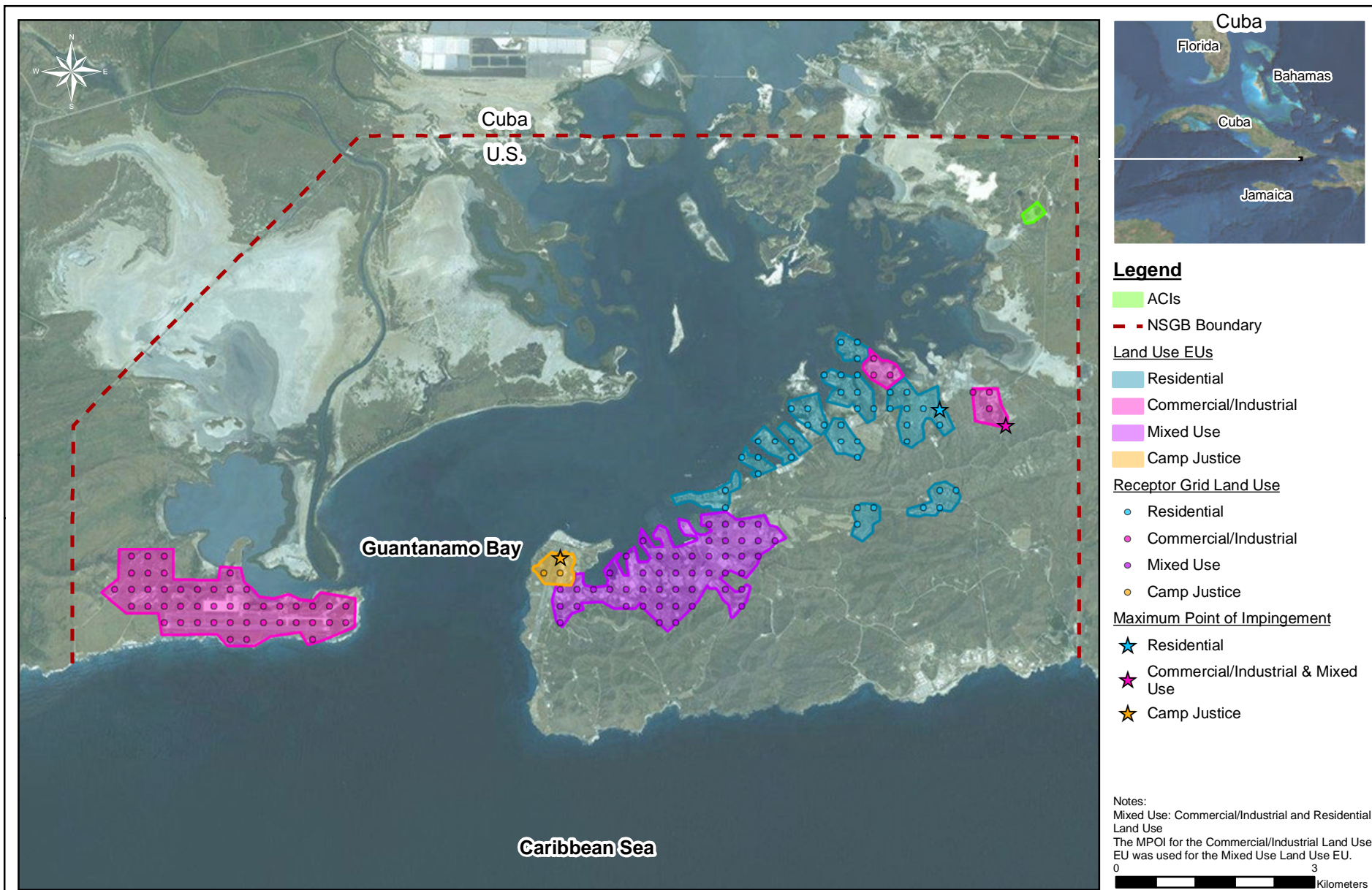
Modeled Daytime Average Annual Concentration for Gaseous Chemicals
Naval Station Guantanamo Bay Human Health Risk Assessment
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Figure 2-21



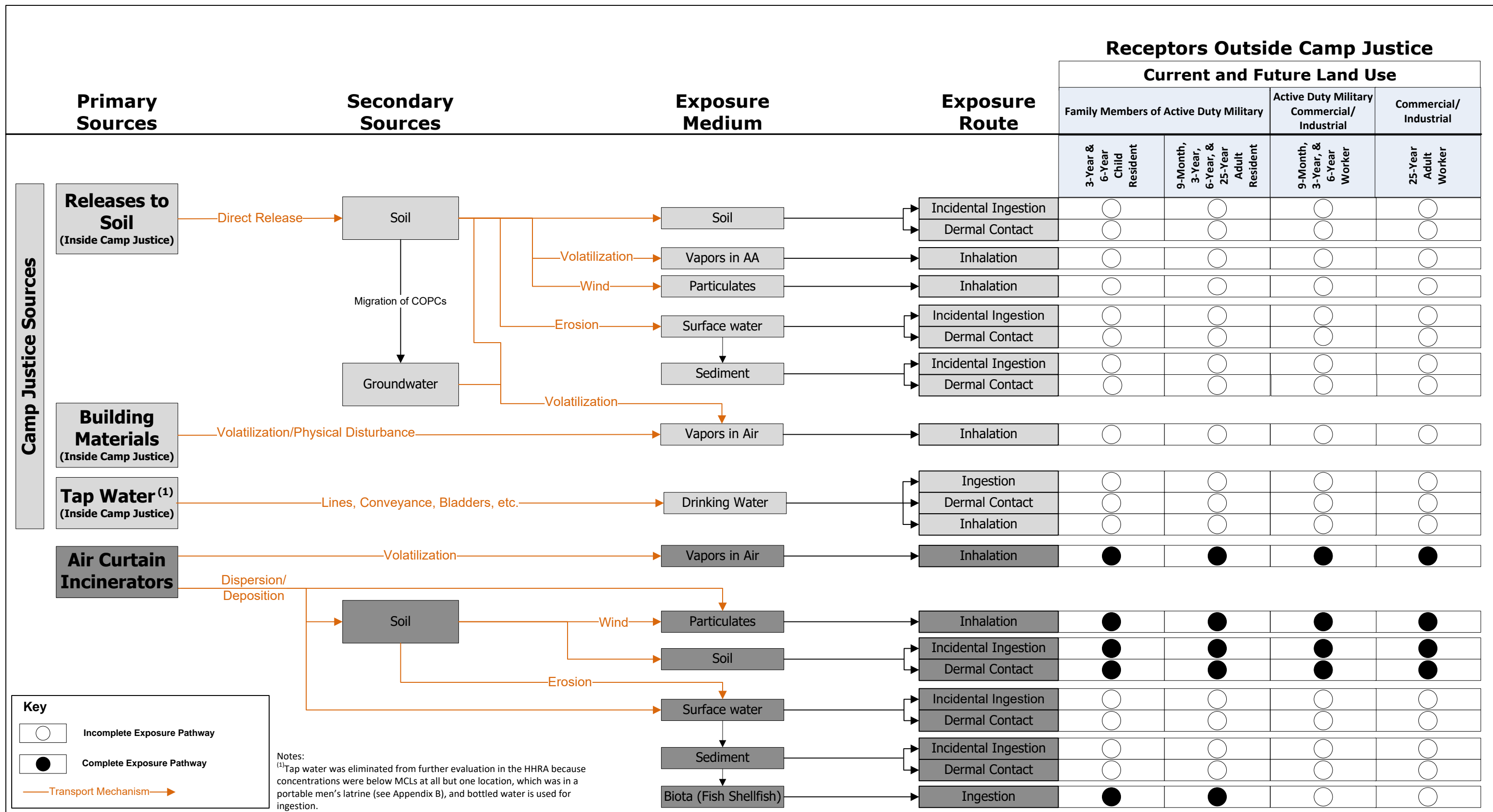
Modeled Nighttime Average Annual Concentration for Gaseous Chemicals
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Figure 2-22



Maximum Points of Impingement
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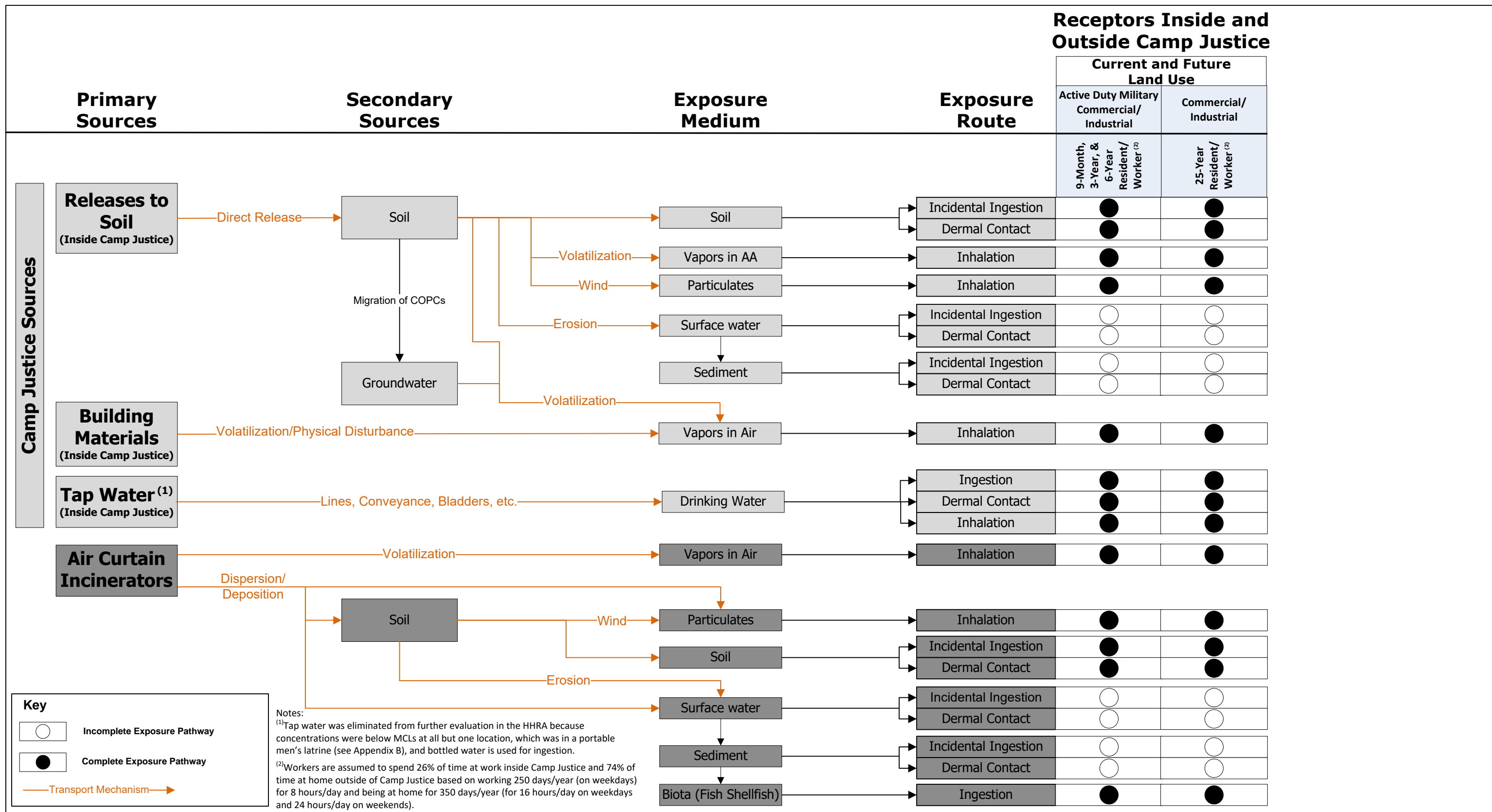
Figure 2-23



Conceptual Site Model – Outside Camp Justice Exposure Scenarios
 Naval Station Guantanamo Bay Human Health Risk Assessment
 Navy and Marine Corps Public Health Center

Figure 3-2

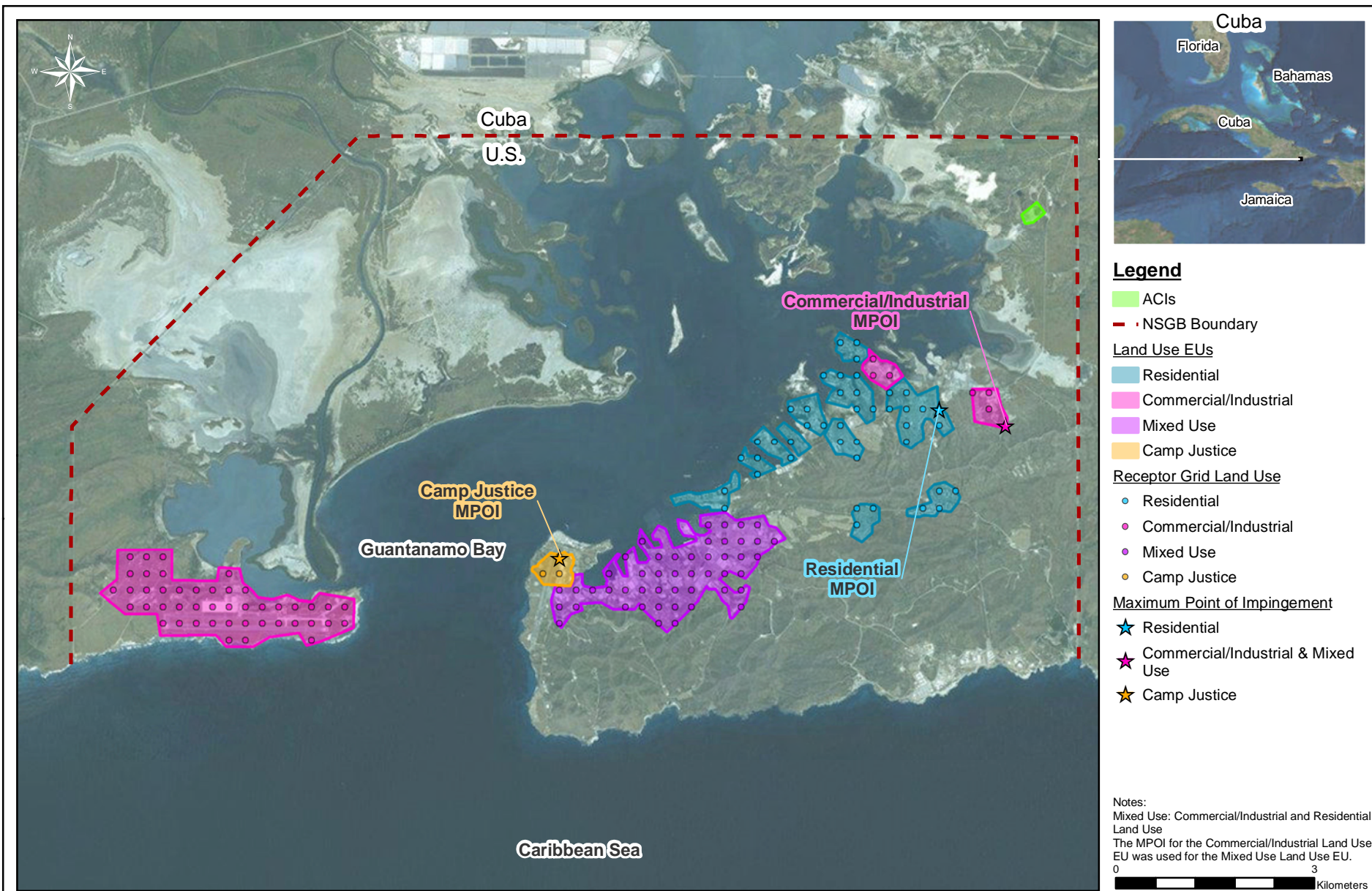




Conceptual Site Model – Combined Inside Camp Justice & Outside Camp Justice Exposure Scenarios
 Naval Station Guantanamo Bay Human Health Risk Assessment
 Navy and Marine Corps Public Health Center

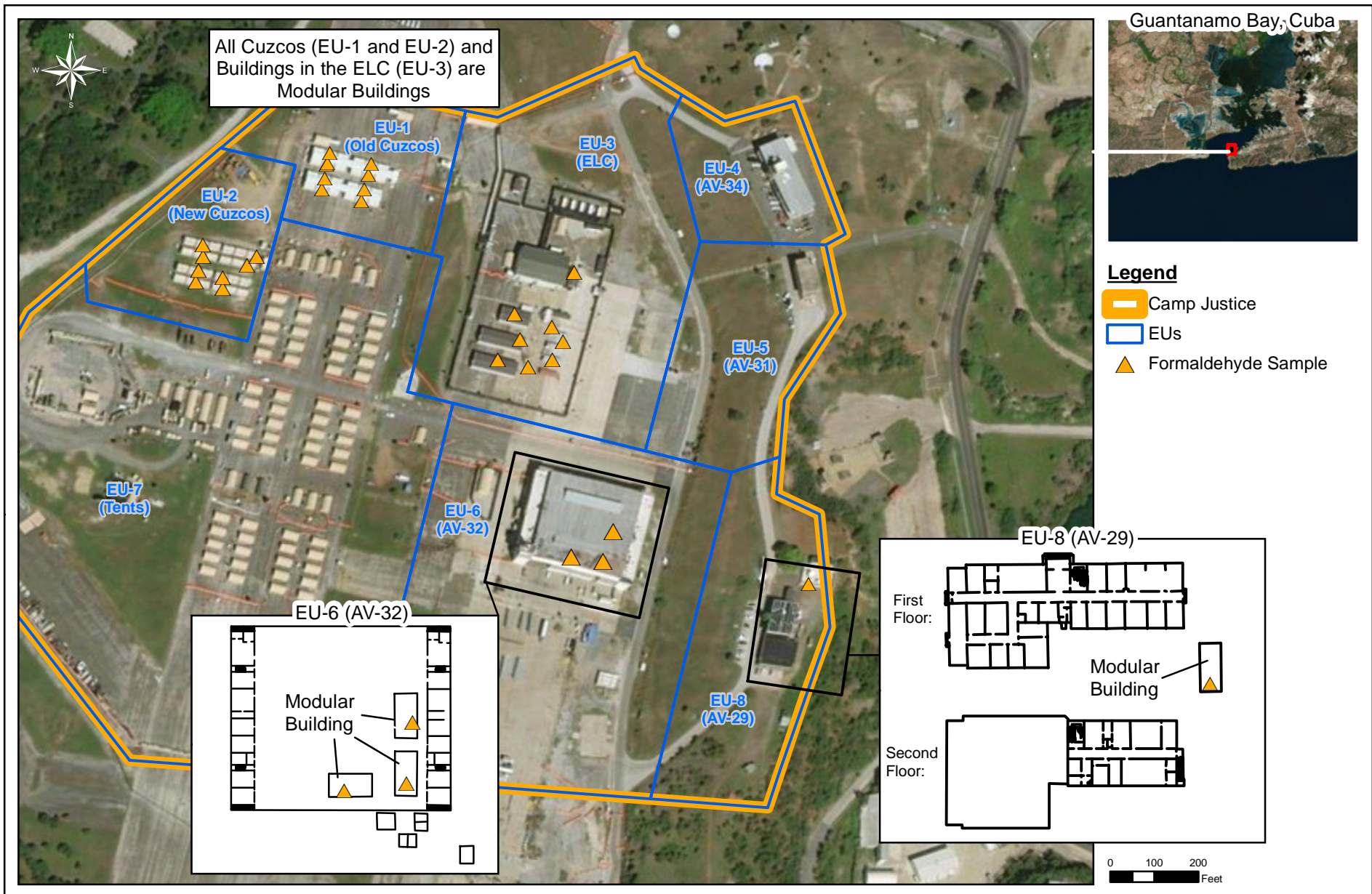
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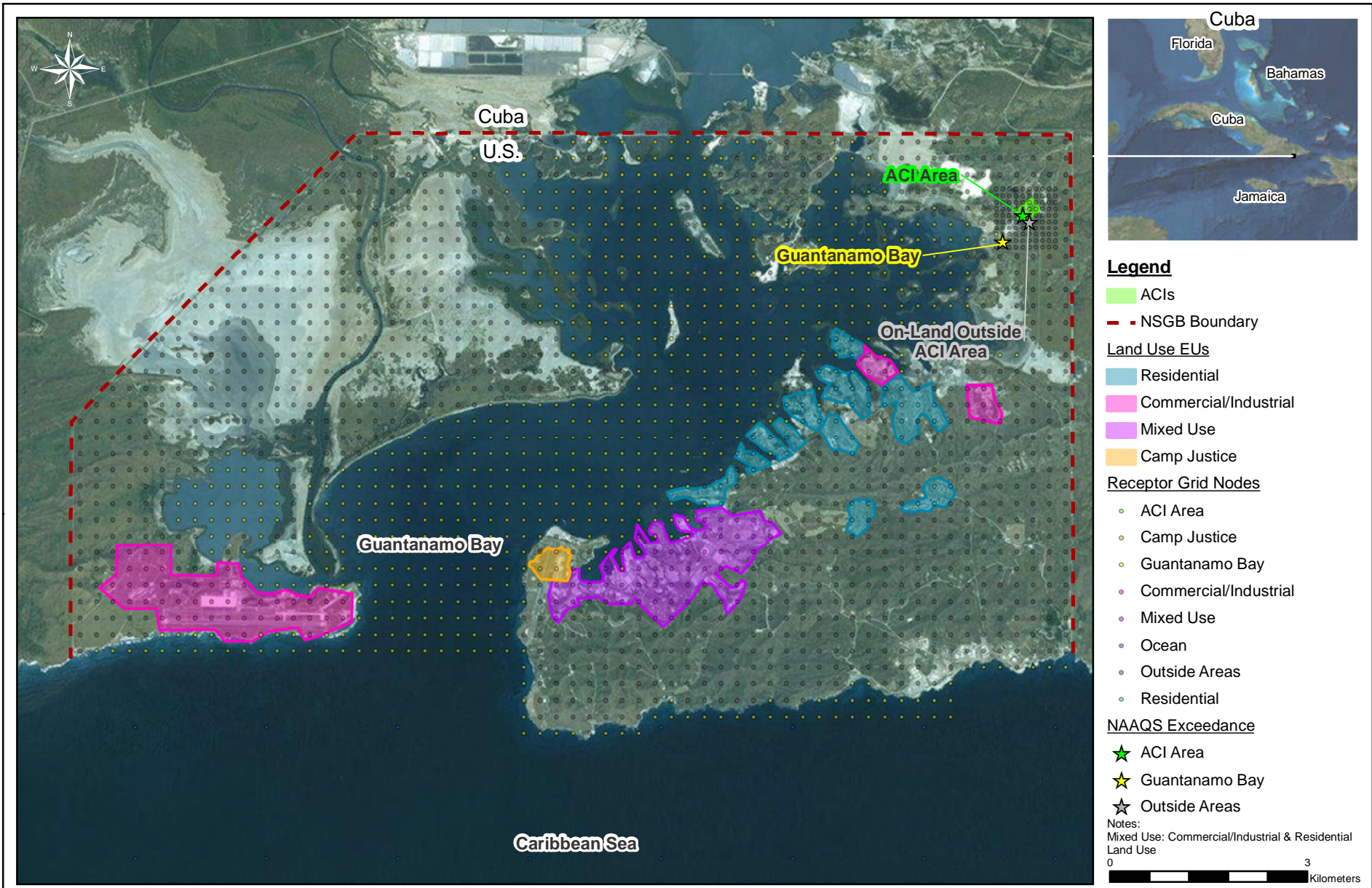
Maximum Points of Impingement
 Naval Station Guantanamo Bay Human Health Risk Assessment
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Figure 5-1



Formaldehyde Samples Collected in Modular Building Locations
Inside Camp Justice
Naval Station Guantanamo Bay Human Health Risk Assessment
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Figure 5-2



Location of NAAQS Exceedances
Naval Station Guantanamo Bay Human Health Risk Assessment
Navy and Marine Corps Public Health Center

Figure 5-3

Tables

Table 2-1: Soil Summary Statistics

Chemical	Number of Samples	Frequency of Detection (%)	Minimum Detected Value (mg/kg)	Maximum Detected Value (mg/kg)	Mean (mg/kg)	Median (mg/kg)	Mode (mg/kg)	95th Upper Confidence Limit (mg/kg)	Log 95th Upper Confidence Limit (mg/kg)	Reasonable Maximum Exposure (mg/kg)	Distribution (at 5% Significance Level)
Conventional Parameters											
Calcium	74	100	4,700	320,000	53,299	39,000	11,000	63,085	74,879	74,879	Lognormal
Potassium	74	100	360	3,000	1,275	1,200	1,200	1,391	1,430	1,430	Normal/Lognormal
Sodium	74	100	60	1,500	262	205	110	309	306	306	Lognormal
Dinitrotoluene											
2,4-Dinitrotoluene	60	1.7	1.8	1.8	0.53	0.48	0.50	0.57	0.56	0.56	Unknown
2,6-Dinitrotoluene	60	1.7	2.4	2.4	0.24	0.19	0.18	0.30	0.24	0.24	Unknown
Furan											
Dibenzofuran	60	3.3	0.48	1.1	0.22	0.19	0.18	0.25	0.23	0.23	Unknown
Inorganics											
Aluminum	74	100	5,200	29,000	14,782	13,000	12,000	15,797	15,895	15,895	Normal/Lognormal
Antimony (metallic)	74	70	0.11	8.8	0.56	0.35	0.14	0.76	0.59	0.59	Unknown
Arsenic, Inorganic	74	57	1.1	25	1.9	1.3	2.7	2.5	2.4	2.4	Lognormal
Barium	74	100	9.3	1,200	76	40	40	109	74	74	Unknown
Beryllium and compounds	74	76	0.11	1.0	0.27	0.24	0.21	0.29	0.29	0.29	Unknown
Cadmium	74	59	0.11	9.5	0.58	0.19	0.022	0.84	1.0	1.0	Lognormal
Chromium, Total	74	100	63	850	371	300	170	416	442	416	Normal
Cobalt	74	100	11	97	42	34	30	47	49	47	Normal
Copper	74	100	20	95	41	39	42	44	44	44	Unknown
Iron	74	100	12,000	74,000	33,973	32,500	21,000	36,272	36,512	36,512	Lognormal
Lead and Compounds	74	100	3.7	260	72	38	11	87	105	105	Lognormal
Magnesium	74	100	14,000	130,000	54,527	44,000	38,000	59,966	61,379	61,379	Normal/Lognormal
Manganese	74	100	260	1,300	649	570	540	696	702	702	Normal/Lognormal
Mercury (elemental)	60	80	0.015	4.0	0.16	0.029	0.016	0.29	0.11	0.11	Unknown
Nickel Soluble Salts	74	100	83	1,700	776	645	1,100	866	944	944	Normal/Lognormal
Selenium	74	76	0.13	1.6	0.41	0.30	0.16	0.46	0.48	0.48	Unknown
Silver	74	76	0.017	2.6	0.15	0.076	0.13	0.21	0.16	0.16	Unknown
Thallium (Soluble Salts)	74	9.5	0.054	0.91	0.32	0.36	0.050	0.36	0.45	0.45	Unknown
Vanadium	74	100	33	130	71	68	110	75	76	76	Normal/Lognormal
Zinc and Compounds	74	100	38	440	126	80	60	144	142	142	Lognormal
Polycyclic Aromatic Hydrocarbon											
1-Methylnaphthalene	69	14	0.023	0.43	0.071	0.050	0.0095	0.086	0.11	0.11	Lognormal
2-Methylnaphthalene	69	14	0.017	0.47	0.12	0.10	0.020	0.14	0.18	0.18	Lognormal
Acenaphthene	69	17	0.072	3.2	0.25	0.11	0.020	0.35	0.37	0.37	Lognormal
Acenaphthylene	69	10	0.037	0.17	0.10	0.095	0.020	0.12	0.15	0.15	Lognormal
Anthracene	69	23	0.027	4.8	0.30	0.11	0.020	0.44	0.42	0.42	Lognormal
Benzo[a]anthracene	69	55	0.018	19	1.2	0.18	0.18	1.8	1.6	1.6	Lognormal
Benzo[g,h,i]perylene	69	52	0.020	6.8	0.52	0.17	0.18	0.75	0.73	0.73	Lognormal
Benzo[a]pyrene	69	81	0.013	16	1.1	0.095	0.090	1.6	1.5	1.5	Lognormal
Benzo[b]fluoranthene	69	75	0.020	26	1.8	0.19	0.18	2.7	2.4	2.4	Unknown
Benzo[k]fluoranthene	69	52	0.012	14	0.69	0.090	0.090	1.1	1.0	1.0	Lognormal
Chrysene	69	61	0.021	20	1.3	0.18	0.18	2.0	1.7	1.7	Lognormal
Dibenz[a,h]anthracene	69	25	0.019	3.1	0.25	0.11	0.18	0.34	0.37	0.37	Lognormal
Fluoranthene	69	74	0.017	40	2.6	0.19	0.046	4.0	3.7	3.7	Unknown
Fluorene	69	17	0.028	1.8	0.18	0.11	0.020	0.23	0.27	0.27	Lognormal
Indeno[1,2,3-cd]pyrene	69	45	0.022	4.1	0.39	0.13	0.18	0.53	0.58	0.58	Lognormal
Naphthalene	69	13	0.029	0.59	0.12	0.10	0.020	0.14	0.18	0.18	Lognormal
Phenanthrene	69	59	0.014	34	1.9	0.090	0.090	3.0	2.8	2.8	Unknown
Pyrene	69	67	0.021	41	2.4	0.18	0.18	3.8	3.2	3.2	Unknown
Total Carcinogenic PAHS (BaP TEQs)	69	84	0.0020	23	1.5	0.17	0.17	2.3	2.6	2.6	Lognormal
Polychlorinated Biphenyls											
Aroclor 1016	60	ND	--	--	--	--	--	--	--	--	--

Table 2-1: Soil Summary Statistics

Chemical	Number of Samples	Frequency of Detection (%)	Minimum Detected Value (mg/kg)	Maximum Detected Value (mg/kg)	Mean (mg/kg)	Median (mg/kg)	Mode (mg/kg)	95th Upper Confidence Limit (mg/kg)	Log 95th Upper Confidence Limit (mg/kg)	Reasonable Maximum Exposure (mg/kg)	Distribution (at 5% Significance Level)
Aroclor 1221	60	ND	--	--	--	--	--	--	--	--	--
Aroclor 1232	60	ND	--	--	--	--	--	--	--	--	--
Aroclor 1242	60	ND	--	--	--	--	--	--	--	--	--
Aroclor 1248	60	ND	--	--	--	--	--	--	--	--	--
Aroclor 1254	60	ND	--	--	--	--	--	--	--	--	--
Aroclor 1260	60	ND	--	--	--	--	--	--	--	--	--
Total PCBS (Sum Aroclors)	60	ND	--	--	--	--	--	--	--	--	--
Pesticides											
2,4,5-Trichlorophenoxyacetic Acid	60	ND	--	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenoxypropionic Acid	60	ND	--	--	--	--	--	--	--	--	--
2,4-Dichlorophenoxy Acetic Acid	60	ND	--	--	--	--	--	--	--	--	--
Aldrin	60	ND	--	--	--	--	--	--	--	--	--
alpha-Chlordane	60	10.0	0.0055	0.16	0.014	0.0060	0.0055	0.020	0.020	0.020	Lognormal
alpha-Hexachlorocyclohexane	60	ND	--	--	--	--	--	--	--	--	--
Azinphos Ethyl	60	ND	--	--	--	--	--	--	--	--	--
beta-Hexachlorocyclohexane	60	ND	--	--	--	--	--	--	--	--	--
Bolstar	60	ND	--	--	--	--	--	--	--	--	--
Chlordane	60	6.7	0.023	0.32	0.16	0.10	0.055	0.20	0.24	0.24	Lognormal
Chlordecone (Kepone)	60	1.7	3.5	3.5	0.86	0.50	0.50	1.1	1.32	1.3	Lognormal
Coumaphos	60	ND	--	--	--	--	--	--	--	--	--
DDD	60	3.3	0.015	0.082	0.0098	0.0055	0.0055	0.013	0.015	0.015	Lognormal
DDE	60	85	0.0017	16	0.36	0.020	0.0071	0.81	0.316	0.32	Lognormal
DDT	60	67	0.0014	0.66	0.047	0.012	0.0070	0.069	0.071	0.071	Lognormal
delta-Hexachlorocyclohexane	60	ND	--	--	--	--	--	--	--	--	--
Demeton-o	60	ND	--	--	--	--	--	--	--	--	--
Demeton-S	60	ND	--	--	--	--	--	--	--	--	--
Diazinon	60	ND	--	--	--	--	--	--	--	--	--
Dichlorprop	60	ND	--	--	--	--	--	--	--	--	--
Dieldrin	60	12	0.00070	0.17	0.013	0.0055	0.0055	0.019	0.019	0.019	Lognormal
Dimethoate	60	ND	--	--	--	--	--	--	--	--	--
Disulfoton	60	ND	--	--	--	--	--	--	--	--	--
Endosulfan I	60	ND	--	--	--	--	--	--	--	--	--
Endosulfan II	60	1.7	0.00065	0.00065	0.0085	0.0055	0.00065	0.010	0.013	0.00065	Lognormal
Endosulfan sulfate	60	ND	--	--	--	--	--	--	--	--	--
Endrin	60	ND	--	--	--	--	--	--	--	--	--
Endrin aldehyde	60	ND	--	--	--	--	--	--	--	--	--
Endrin ketone	60	5.0	0.0027	0.017	0.012	0.0075	0.014	0.014	0.018	0.017	Lognormal
Ethoprop	60	ND	--	--	--	--	--	--	--	--	--
Fensulfothion	60	ND	--	--	--	--	--	--	--	--	--
Fenthion	60	ND	--	--	--	--	--	--	--	--	--
gamma-Chlordane	60	12	0.00073	0.043	0.010	0.0058	0.0055	0.012	0.015	0.015	Lognormal
Heptachlor	60	ND	--	--	--	--	--	--	--	--	--
Heptachlor Epoxide	60	ND	--	--	--	--	--	--	--	--	--
Hexachlorocyclohexane, Gamma-	60	ND	--	--	--	--	--	--	--	--	--
Malathion	60	ND	--	--	--	--	--	--	--	--	--
Methoxychlor	60	ND	--	--	--	--	--	--	--	--	--
Methyl Parathion	60	ND	--	--	--	--	--	--	--	--	--
Mevinphos	60	ND	--	--	--	--	--	--	--	--	--
Parathion	60	ND	--	--	--	--	--	--	--	--	--
Phorate	60	ND	--	--	--	--	--	--	--	--	--
Prothiophos	60	ND	--	--	--	--	--	--	--	--	--
Tetraethyl Dithiopyrophosphate	60	ND	--	--	--	--	--	--	--	--	--

Table 2-1: Soil Summary Statistics

Chemical	Number of Samples	Frequency of Detection (%)	Minimum Detected Value (mg/kg)	Maximum Detected Value (mg/kg)	Mean (mg/kg)	Median (mg/kg)	Mode (mg/kg)	95th Upper Confidence Limit (mg/kg)	Log 95th Upper Confidence Limit (mg/kg)	Reasonable Maximum Exposure (mg/kg)	Distribution (at 5% Significance Level)
Toxaphene	60	ND	--	--	--	--	--	--	--	--	--
Trichloronate	60	ND	--	--	--	--	--	--	--	--	--
Petroleum											
Diesel Range Organics [C10-C28]	60	15	61	360	92	80	80	106	106	102	Unknown
Gasoline Range Organics [C6-C10]	60	6.7	0.12	0.58	0.61	0.65	0.65	0.66	1	0.58	Unknown
Jet Fuel	60	ND	--	--	--	--	--	--	--	--	--
Kerosene	60	ND	--	--	--	--	--	--	--	--	--
Motor Oil Range Organics (~C14--C50)	60	ND	--	--	--	--	--	--	--	--	--
Semi-volatile Organic Compounds											
1,1'-Biphenyl	60	ND	--	--	--	--	--	--	--	--	--
1,2,4,5-Tetrachlorobenzene	60	ND	--	--	--	--	--	--	--	--	--
1,4-Dioxane	60	ND	--	--	--	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	60	ND	--	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	60	ND	--	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	60	ND	--	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	60	ND	--	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	60	ND	--	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	60	ND	--	--	--	--	--	--	--	--	--
2-Chlorophenol	60	ND	--	--	--	--	--	--	--	--	--
2-Nitroaniline	60	ND	--	--	--	--	--	--	--	--	--
2-Nitrophenol	60	ND	--	--	--	--	--	--	--	--	--
3- & 4-Methylphenol Coelution	60	ND	--	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	60	ND	--	--	--	--	--	--	--	--	--
3-Nitroaniline	60	ND	--	--	--	--	--	--	--	--	--
4-(2,4-Dichlorophenoxy)butyric Acid	60	ND	--	--	--	--	--	--	--	--	--
4,6-Dinitro-o-cresol	60	ND	--	--	--	--	--	--	--	--	--
4-Bromophenylphenylether	60	1.7	0.40	0.40	0.21	0.19	0.18	0.22	0.21	0.21	Unknown
4-Chlorophenylphenylether	60	ND	--	--	--	--	--	--	--	--	--
4-Nitroaniline	60	ND	--	--	--	--	--	--	--	--	--
4-Nitrophenol	60	ND	--	--	--	--	--	--	--	--	--
Acetophenone	60	ND	--	--	--	--	--	--	--	--	--
Atrazine	60	ND	--	--	--	--	--	--	--	--	--
Benzaldehyde	60	ND	--	--	--	--	--	--	--	--	--
beta-Chloronaphthalene	60	ND	--	--	--	--	--	--	--	--	--
Bis(2-chloro-1-methylethyl) ether	60	ND	--	--	--	--	--	--	--	--	--
Bis(2-chloroethoxy)methane	60	ND	--	--	--	--	--	--	--	--	--
Bis(2-chloroethyl)ether	60	ND	--	--	--	--	--	--	--	--	--
Bis(2-ethylhexyl)phthalate	60	23	0.15	1.7	0.26	0.19	0.18	0.31	0.27	0.27	Unknown
Butyl Benzyl Phthlate	60	1.7	0.15	0.15	0.20	0.19	0.18	0.21	0.21	0.15	Unknown
Caprolactam	60	ND	--	--	--	--	--	--	--	--	--
Carbazole	60	6.7	0.16	2.6	0.26	0.19	0.18	0.33	0.26	0.26	Unknown
Chlorobenzilate	60	ND	--	--	--	--	--	--	--	--	--
Chlorpyrifos	60	ND	--	--	--	--	--	--	--	--	--
Dalapon	60	ND	--	--	--	--	--	--	--	--	--
Demeton	60	ND	--	--	--	--	--	--	--	--	--
Dibutyl-n-butyl Phthalate	60	1.7	0.22	0.22	0.20	0.19	0.18	0.21	0.21	0.21	Unknown
Dicamba	60	ND	--	--	--	--	--	--	--	--	--
Dichlorvos	60	ND	--	--	--	--	--	--	--	--	--
Diethyl Phthalate	60	ND	--	--	--	--	--	--	--	--	--
Dimethyl Phthalate	60	ND	--	--	--	--	--	--	--	--	--
Di-n-octyl Phthalate	60	ND	--	--	--	--	--	--	--	--	--
Dinoseb	60	ND	--	--	--	--	--	--	--	--	--

Table 2-1: Soil Summary Statistics

Chemical	Number of Samples	Frequency of Detection (%)	Minimum Detected Value (mg/kg)	Maximum Detected Value (mg/kg)	Mean (mg/kg)	Median (mg/kg)	Mode (mg/kg)	95th Upper Confidence Limit (mg/kg)	Log 95th Upper Confidence Limit (mg/kg)	Reasonable Maximum Exposure (mg/kg)	Distribution (at 5% Significance Level)
Ethyl-p-nitrophenyl Phosphonate	60	ND	--	--	--	--	--	--	--	--	--
Famphur	60	ND	--	--	--	--	--	--	--	--	--
Guthion	60	ND	--	--	--	--	--	--	--	--	--
Hexachlorobenzene	60	ND	--	--	--	--	--	--	--	--	--
Hexachlorobutadiene	60	ND	--	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	60	ND	--	--	--	--	--	--	--	--	--
Hexachloroethane	60	ND	--	--	--	--	--	--	--	--	--
Isodrin	60	ND	--	--	--	--	--	--	--	--	--
Isophorone	60	ND	--	--	--	--	--	--	--	--	--
MCPA	60	ND	--	--	--	--	--	--	--	--	--
MCPP	60	ND	--	--	--	--	--	--	--	--	--
Merphos	60	ND	--	--	--	--	--	--	--	--	--
Naled	60	ND	--	--	--	--	--	--	--	--	--
Nitrobenzene	60	ND	--	--	--	--	--	--	--	--	--
N-Nitroso-di-N-propylamine	60	ND	--	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	60	ND	--	--	--	--	--	--	--	--	--
O,O,O-Triethylphosphorothioate	60	ND	--	--	--	--	--	--	--	--	--
o-Cresol	60	ND	--	--	--	--	--	--	--	--	--
p-Chloroaniline	60	1.7	1.1	1.1	0.52	0.48	0.50	0.55	0.54	0.54	Unknown
p-chloro-m-Cresol	60	ND	--	--	--	--	--	--	--	--	--
Pentachlorophenol	60	ND	--	--	--	--	--	--	--	--	--
Phenol	60	ND	--	--	--	--	--	--	--	--	--
Phosmet	60	ND	--	--	--	--	--	--	--	--	--
Propazine	60	ND	--	--	--	--	--	--	--	--	--
Ronnel	60	ND	--	--	--	--	--	--	--	--	--
Simazine	60	ND	--	--	--	--	--	--	--	--	--
Stirofos (Tetrachlorovinphos)	60	ND	--	--	--	--	--	--	--	--	--
Thionazin	60	ND	--	--	--	--	--	--	--	--	--

Notes:

--: No Value

ND: non-detect

Table 2-2: Outdoor Air Summary Statistics

Chemical	Number of Samples	Frequency of Detection (%)	Minimum Detected Value (µg/m ³)	Maximum Detected Value (µg/m ³)	Mean (µg/m ³)	Median (µg/m ³)	Mode (µg/m ³)	95th Upper Confidence Limit (µg/m ³)	Log 95th Upper Confidence Limit (µg/m ³)	Reasonable Maximum Exposure (µg/m ³)	Distribution (at 5% Significance Level)
Semi-volatile Organic Compounds											
1,1,2-Trichloro-1,2,2-trifluoroethane	2	100	0.60	0.75	0.68	0.68	--	1.1	1.4	0.75	Unknown
1,2,4-Trichlorobenzene	2	ND	--	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	2	100	0.12	0.14	0.13	0.13	--	0.19	0.20	0.14	Unknown
1,2-Dibromoethane	2	ND	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	2	ND	--	--	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	2	ND	--	--	--	--	--	--	--	--	--
1,3-Butadiene	2	ND	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	2	ND	--	--	--	--	--	--	--	--	--
1,4-Dioxane	2	ND	--	--	--	--	--	--	--	--	--
2,2,4-Trimethylpentane	2	ND	--	--	--	--	--	--	--	--	--
Allyl Chloride	2	ND	--	--	--	--	--	--	--	--	--
Benzyl Chloride	2	ND	--	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	2	ND	--	--	--	--	--	--	--	--	--
Cumene	2	ND	--	--	--	--	--	--	--	--	--
Cyclohexane	2	ND	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane	2	100	2.8	2.8	2.8	2.8	--	2.8	2.8	2.8	Unknown
Heptane	2	50	0.23	0.23	0.19	0.19	--	0.46	2.5	0.23	Unknown
Hexachlorobutadiene	2	ND	--	--	--	--	--	--	--	--	--
Isopropanol	2	50	0.76	0.76	0.55	0.55	--	1.9	3,578	0.76	Unknown
Methyl Isobutyl Ketone	2	ND	--	--	--	--	--	--	--	--	--
Methyl tert-Butyl Ether (MTBE)	2	ND	--	--	--	--	--	--	--	--	--
N-Hexane	2	100	0.14	0.18	0.16	0.16	--	0.29	0.38	0.18	Unknown
Propyl benzene	2	ND	--	--	--	--	--	--	--	--	--
trans-1,3-Dichloropropene	2	ND	--	--	--	--	--	--	--	--	--
Trichlorofluoromethane	2	100	1.6	1.7	1.7	1.7	--	2.0	1.9	1.7	Unknown
Volatile Organic Compounds											
1,1,1-Trichloroethane	2	100	0.020	0.022	0.021	0.021	--	0.027	0.027	0.022	Unknown
1,1,2,2-Tetrachloroethane	2	ND	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	2	ND	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	2	ND	--	--	--	--	--	--	--	--	--
1,1-Dichloroethylene	2	ND	--	--	--	--	--	--	--	--	--
1,2-cis-Dichloroethylene	2	ND	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	2	50	0.035	0.035	0.025	0.025	--	0.091	2,512	0.035	Unknown
1,2-Dichloropropane	2	ND	--	--	--	--	--	--	--	--	--
1,2-trans-Dichloroethylene	2	ND	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	2	ND	--	--	--	--	--	--	--	--	--
2-Hexanone	2	ND	--	--	--	--	--	--	--	--	--
4-Ethyltoluene	2	ND	--	--	--	--	--	--	--	--	--
Acetone	2	100	16	19	18	18	--	27	29	19	Unknown
Benzene	2	100	0.34	0.34	0.34	0.34	--	0.34	0.34	0.34	Unknown
Bromodichloromethane	2	ND	--	--	--	--	--	--	--	--	--
Bromoform	2	ND	--	--	--	--	--	--	--	--	--
Bromomethane	2	ND	--	--	--	--	--	--	--	--	--
Carbon Disulfide	2	50	0.25	0.25	0.26	0.26	--	0.34	0.34	0.25	Unknown
Carbon Tetrachloride	2	100	0.53	0.54	0.54	0.54	--	0.57	0.56	0.54	Unknown
Chlorobenzene	2	ND	--	--	--	--	--	--	--	--	--
Chloroform	2	100	0.081	0.084	0.083	0.083	--	0.092	0.090	0.084	Unknown
Chloromethane	2	100	1.7	1.7	1.7	1.7	--	1.7	1.7	1.7	Unknown
Dibromochloromethane	2	ND	--	--	--	--	--	--	--	--	--
Ethanol	2	100	5.4	8.8	7.1	7.1	--	18	132	8.8	Unknown
Ethyl Chloride	2	100	0.050	0.097	0.074	0.074	--	0.22	23	0.097	Unknown

Table 2-2: Outdoor Air Summary Statistics

Chemical	Number of Samples	Frequency of Detection (%)	Minimum Detected Value (µg/m ³)	Maximum Detected Value (µg/m ³)	Mean (µg/m ³)	Median (µg/m ³)	Mode (µg/m ³)	95th Upper Confidence Limit (µg/m ³)	Log 95th Upper Confidence Limit (µg/m ³)	Reasonable Maximum Exposure (µg/m ³)	Distribution (at 5% Significance Level)
Ethylbenzene	2	100	0.085	0.10	0.093	0.093	--	0.14	0.15	0.10	Unknown
Freon 114	2	100	0.13	0.13	0.13	0.13	--	0.13	0.13	0.13	Unknown
m&p-Xylene	2	100	0.24	0.28	0.26	0.26	--	0.39	0.40	0.28	Unknown
Methyl Ethyl Ketone (2-Butanone)	2	100	2.0	2.6	2.3	2.3	--	4.2	5.8	2.6	Unknown
Methylene Chloride	2	ND	--	--	--	--	--	--	--	--	--
o-Xylene	2	100	0.087	0.15	0.12	0.12	--	0.32	4.9	0.15	Unknown
Styrene	2	ND	--	--	--	--	--	--	--	--	--
Tetrachloroethylene	2	ND	--	--	--	--	--	--	--	--	--
Tetrahydrofuran	2	ND	--	--	--	--	--	--	--	--	--
Toluene	2	100	0.70	0.84	0.77	0.77	--	1.2	1.3	0.84	Unknown
Total Xylenes	2	100	0.33	0.43	0.38	0.38	--	0.70	1.0	0.43	Unknown
Trichloroethylene	2	50	0.017	0.017	0.018	0.018	--	0.024	0.024	0.017	Unknown
Vinyl Chloride	2	ND	--	--	--	--	--	--	--	--	--

Notes:

--: No Value
 ND: non-detect

Table 2-3: Indoor Air Summary Statistics

Chemical	Number of Samples	Frequency of Detection (%)	Minimum Detected Value (µg/m ³)	Maximum Detected Value (µg/m ³)	Mean (µg/m ³)	Median (µg/m ³)	Mode (µg/m ³)	95th Upper Confidence Limit (µg/m ³)	Log 95th Upper Confidence Limit (µg/m ³)	Reasonable Maximum Exposure (µg/m ³)	Distribution (at 5% Significance Level)
Semi-volatile Organic Compounds											
1,1,2-Trichloro-1,2,2-trifluoroethane	32	100	0.44	0.64	0.56	0.55	0.58	0.57	0.57	0.64	Normal/Lognormal
1,2,4-Trichlorobenzene	32	ND	--	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	32	100	0.110	0.52	0.22	0.19	0.13	0.25	0.25	0.52	Unknown
1,2-Dibromoethane	32	ND	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	32	ND	--	--	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	32	6.3	0.14	0.16	0.16	0.16	0.16	0.16	0.16	0.16	Unknown
1,3-Butadiene	32	19	0.072	0.14	0.076	0.070	0.070	0.081	0.080	0.140	Unknown
1,3-Dichlorobenzene	32	ND	--	--	--	--	--	--	--	--	--
1,4-Dioxane	32	6.3	0.32	0.56	0.14	0.115	0.115	0.16	0.15	0.56	Unknown
2,2,4-Trimethylpentane	32	38	0.18	0.44	0.34	0.36	0.38	0.36	0.37	0.44	Unknown
Allyl Chloride	32	ND	--	--	--	--	--	--	--	--	--
Benzyl Chloride	32	ND	--	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	32	ND	--	--	--	--	--	--	--	--	--
Cumene	32	6.3	0.13	0.19	0.16	0.16	0.16	0.16	0.16	0.19	Normal/Lognormal
Cyclohexane	32	44	0.120	2.5	0.35	0.12	0.110	0.52	0.43	2.50	Unknown
Dichlorodifluoromethane	32	100	2.4	3.0	2.6	2.6	2.6	2.6	2.6	3.0	Unknown
Formaldehyde	28	100	4.6	75	19	10.5	6.9	25	28	75	Lognormal
Heptane	32	66	0.086	1.20	0.28	0.17	0.13	0.35	0.35	1.20	Unknown
Hexachlorobutadiene	32	ND	--	--	--	--	--	--	--	--	--
Isopropanol	32	75	0.62	26	3.5	1.6	0.32	5.0	6.8	26.0	Lognormal
Methyl Isobutyl Ketone	32	50	0.15	3.1	0.37	0.15	0.14	0.57	0.41	3.10	Unknown
Methyl tert-Butyl Ether (MTBE)	32	16	0.0058	0.023	0.0116	0.0115	0.0110	0.012	0.012	0.023	Unknown
N-Hexane	32	91	0.089	0.41	0.17	0.14	0.110	0.19	0.19	0.41	Unknown
Propyl benzene	32	6.3	0.120	0.13	0.16	0.16	0.16	0.16	0.16	0.13	Normal
trans-1,3-Dichloropropene	32	ND	--	--	--	--	--	--	--	--	--
Trichlorofluoromethane	32	100	1.3	1.9	1.4	1.3	1.3	1.4	1.4	1.9	Unknown
Volatile Organic Compounds											
1,1,1-Trichloroethane	32	97	0.014	0.14	0.022	0.018	0.017	0.028	0.024	0.140	Unknown
1,1,2,2-Tetrachloroethane	32	ND	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	32	ND	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	32	6.3	0.014	0.019	0.013	0.013	0.013	0.014	0.013	0.019	Unknown
1,1-Dichloroethylene	32	3.1	0.085	0.085	0.015	0.013	0.013	0.019	0.016	0.085	Unknown
1,2-cis-Dichloroethylene	32	ND	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	32	53	0.025	0.15	0.035	0.027	0.013	0.044	0.046	0.150	Unknown
1,2-Dichloropropane	32	ND	--	--	--	--	--	--	--	--	--
1,2-trans-Dichloroethylene	32	9.4	0.024	0.030	0.014	0.013	0.013	0.015	0.015	0.030	Unknown
1,4-Dichlorobenzene	32	ND	--	--	--	--	--	--	--	--	--
2-Hexanone	32	16	0.36	0.78	0.36	0.34	0.34	0.39	0.39	0.78	Unknown
4-Ethyltoluene	32	44	0.15	0.46	0.20	0.17	0.16	0.22	0.22	0.46	Unknown
Acetone	32	94	6.0	92	20	12.0	12.0	27	50	92	Unknown
Benzene	32	100	0.28	3.6	0.48	0.35	0.32	0.65	0.51	3.60	Unknown
Bromodichloromethane	32	6.3	0.47	0.64	0.24	0.22	0.21	0.26	0.25	0.64	Unknown
Bromoform	32	6.3	2.4	2.9	0.48	0.33	0.32	0.65	0.51	2.90	Unknown
Bromomethane	32	ND	--	--	--	--	--	--	--	--	--
Carbon Disulfide	32	25	0.23	0.55	0.27	0.25	0.23	0.29	0.29	0.55	Unknown
Carbon Tetrachloride	32	100	0.51	0.74	0.59	0.60	0.60	0.61	0.61	0.74	Normal/Lognormal
Chlorobenzene	32	3.1	0.34	0.34	0.15	0.15	0.15	0.16	0.16	0.34	Unknown
Chloroform	32	100	0.073	1.5	0.16	0.091	0.079	0.23	0.17	1.50	Unknown
Chloromethane	32	100	1.3	2.4	1.6	1.6	1.6	1.7	1.7	2.4	Unknown
Dibromochloromethane	32	6.3	0.78	1.00	0.31	0.27	0.27	0.36	0.34	1.00	Unknown
Ethanol	32	81	1.9	370	27	3.7	0.16	49	164	370	Lognormal

Table 2-3: Indoor Air Summary Statistics

Chemical	Number of Samples	Frequency of Detection (%)	Minimum Detected Value (µg/m ³)	Maximum Detected Value (µg/m ³)	Mean (µg/m ³)	Median (µg/m ³)	Mode (µg/m ³)	95th Upper Confidence Limit (µg/m ³)	Log 95th Upper Confidence Limit (µg/m ³)	Reasonable Maximum Exposure (µg/m ³)	Distribution (at 5% Significance Level)
Ethyl Chloride	32	88	0.025	0.120	0.054	0.050	0.050	0.061	0.062	0.120	Lognormal
Ethylbenzene	32	100	0.078	0.94	0.19	0.14	0.120	0.24	0.22	0.94	Unknown
Freon 114	32	100	0.110	0.14	0.120	0.120	0.120	0.122	0.122	0.140	Unknown
m&p-Xylene	32	100	0.20	2.3	0.49	0.35	0.25	0.62	0.59	2.30	Unknown
Methyl Ethyl Ketone (2-Butanone)	32	100	0.66	4.4	1.6	1.4	1.4	1.8	1.9	4.4	Lognormal
Methylene Chloride	32	28	1.5	6.5	0.84	0.115	0.110	1.3	1.5	6.5	Unknown
o-Xylene	32	100	0.074	0.75	0.21	0.15	0.110	0.25	0.25	0.75	Lognormal
Styrene	32	75	0.068	7.2	0.64	0.16	0.13	1.09	0.73	7.20	Unknown
Tetrachloroethylene	32	66	0.015	0.22	0.049	0.026	0.021	0.063	0.063	0.220	Unknown
Tetrahydrofuran	32	3.1	1.6	1.6	0.39	0.35	0.34	0.45	0.41	1.60	Unknown
Toluene	32	100	0.51	13	2.5	1.15	0.94	3.3	3.6	13.0	Unknown
Total Xylenes	32	100	0.27	3.1	0.70	0.50	0.50	0.87	0.84	3.05	Unknown
Trichloroethylene	32	44	0.017	0.85	0.063	0.018	0.017	0.109	0.066	0.850	Unknown
Vinyl Chloride	32	6.3	0.013	0.061	0.0100	0.0080	0.0080	0.013	0.0107	0.0610	Unknown

Notes:

--: No Value
 ND: non-detect

Table 2-4: Tap Water Summary Statistics

Chemical	Number of Samples	Frequency of Detection (%)	Minimum Detected Value (µg/L)	Maximum Detected Value (µg/L)	Mean (µg/L)	Median (µg/L)	Mode (µg/L)	95th Upper Confidence Limit (µg/L)	Log 95th Upper Confidence Limit (µg/L)	Reasonable Maximum Exposure (µg/L)	Distribution (at 5% Significance Level)
Inorganics											
Copper	18	100	2.5	49	18	11	22	25	36	36	Lognormal
Lead and Compounds	18	78	1.9	11	4.1	3.5	1.5	5.2	5.6	5.6	Lognormal
Semi-volatile Organic Compounds											
Chloroacetic Acid	18	ND	--	--	--	--	--	--	--	--	--
Dichloroacetic Acid	18	28	1.1	2.8	0.77	0.49	0.49	1.0	0.96	0.96	Unknown
Trichloroacetic Acid	18	11	0.57	0.80	0.25	0.19	0.19	0.31	0.29	0.29	Unknown
Volatile Organic Compounds											
Bromodichloromethane	18	100	0.49	5.6	2.6	2.7	1.2	3.2	4.1	4.1	Normal/Lognormal
Bromoform	18	100	23	57	43	45	53	47	49	47	Normal
Chloroform	18	78	0.40	2.8	0.78	0.78	0.25	1.0	1.1	1.1	Lognormal
Dibromoacetic Acid	18	100	1.8	16	10	11	11	12	14	12	Normal
Dibromochloromethane	18	100	2.7	17	9.6	9.8	13	11	13	11	Normal
Monobromoacetic Acid	18	89	0.89	4.3	1.9	1.8	1.8	2.3	2.8	2.3	Normal
Total Haloacetic acids	18	100	1.8	18	13	13	13	15	18	15	Normal
Total Trihalomethanes	18	100	26	81	56	54	50	62	65	65	Normal/Lognormal

Notes:

--: No Value

ND: non-detect

Table 2-5: Sample Summary

Building Location	Exposure Unit	Field Screening Samples			Laboratory Samples								
		Indoor Air (HAPSITE)	Indoor Air (Mercury)	Ionizing Radiation	Outdoor Air (Summa Canisters)	Indoor Air (Summa Canisters)	Indoor Air (Formaldehyde) ¹	Indoor Air (Mercury)	Air (Asbestos)	Tap Water	Paint Chips	Radon	Soil
Old Cuzcos	1	0	0	0	0	0	8	0	0	5	0	0	4
New Cuzcos	2	0	0	0	0	0	8	0	0	4	0	0	5
ELCs	3	23	0	0	0	6	8	0	0	1	0	0	7
AV-34	4	17	0	0	0	5	0	0	4	2	0	2	14
AV-31	5	First floor	0	0	0	1	0	0	1	0	0	1	7
AV-32	6	4	0	All rooms	0	4	3	0	3	2	3	1	5
Tents	7	15	0	0	0	14	0	0	0	2	0	0	21
AV-29	8	24	117	0	0	2	1	19	5	2	0	2	6
Outdoor Air Background Samples	n/a	0	0	0	2	0	0	0	0	0	0	0	0
Soil Background Samples (Metals)	n/a	0	0	0	0	0	0	0	0	0	0	0	14
Total:		83	117	All rooms	2	32	28	19	13	18	3	6	83

Notes:

Summary includes October 2015 and April 2016 samples.

¹ An additional 31 indoor air samples were collected and analyzed for formaldehyde in April 2016 after OMC had implemented HVAC modifications to reduce indoor air concentrations of formaldehyde. These additional 31 samples were not evaluated in the HHRA because these samples do not represent conditions from 2000 to 2016.

Table 2-6: Emission Rates Used in the Air Quality Modeling

Chemical	Class	Emission Rate (g/sec)		
		Day	Night	Total
<i>Conventional Parameters</i>				
Carbon Monoxide	G	5.5	6.5	12
Particulate <PM10	PP	3.1	4.8	7.9
Particulate <PM2.5	PP	2.4	4.3	6.7
Sulfur Dioxide	G	0.074	0.041	0.12
<i>Dioxins/Furans</i>				
1,2,3,4,6,7,8-HpCDD	PB	0.00000076	0.00000014	0.00000022
1,2,3,4,6,7,8-HpCDF	PB	0.000000079	0.00000014	0.00000022
1,2,3,4,7,8,9-HpCDF	PB	8.3E-9	0.00000019	0.00000027
1,2,3,4,7,8-HxCDD	PB	8.1E-9	0.00000017	0.00000025
1,2,3,4,7,8-HxCDF	PB	0.000000067	0.00000014	0.00000021
1,2,3,6,7,8-HxCDD	PB	0.000000021	0.000000046	0.000000066
1,2,3,6,7,8-HxCDF	PB	0.000000017	0.000000036	0.000000053
1,2,3,7,8,9-HxCDD	PB	0.000000026	0.000000055	0.000000081
1,2,3,7,8,9-HxCDF	PB	1.5E-9	3.5E-9	5.1E-9
1,2,3,7,8-PeCDD	PB	9.9E-9	0.000000022	0.000000032
1,2,3,7,8-PeCDF	PB	0.000000014	0.000000032	0.000000045
2,3,4,6,7,8-HxCDF	PB	0.000000036	0.000000069	0.00000011
2,3,4,7,8-PeCDF	PB	0.000000031	0.000000071	0.00000010
2,3,7,8-TCDD	PB	9.3E-9	6.1E-9	0.00000015
2,3,7,8-TCDF	PB	0.000000013	0.000000033	0.000000046
OCDD	PB	0.000000053	0.000000091	0.00000014
OCDF	PB	0.000000022	0.000000033	0.000000055
Total Dioxin/Furans (2,3,7,8-TCDD TEQs)	PB	0.000000050	0.000000093	0.00000014
Dibenzofuran	PB	0.00067	0.0017	0.0023
<i>Inorganics</i>				
Antimony (metallic)	PP	0.0032	0.00054	0.0037
Arsenic, Inorganic	PP	0.000090	0.000077	0.00017
Barium	PP	0.034	0.0086	0.042
Beryllium and compounds	PP	0.0000074	0.0000051	0.000013
Cadmium	PP	0.00012	0.000096	0.00022
Chromium, Total	PP	0.00093	0.00086	0.0018
Cobalt	PP	0.0038	0.000050	0.0039
Copper	PP	0.0030	0.0022	0.0051
Hydrogen Cyanide	PP	0.016	0.025	0.041
Lead and Compounds	PP	0.0011	0.00066	0.0018
Manganese	PP	0.00088	0.00068	0.0016
Mercury (elemental)	G	0.0000076	0.0000064	0.000014
Mercury (+2)	PB	0.0000076	0.0000064	0.000014
Methyl Mercury	G	0.0000076	0.0000064	0.000014
Nickel Soluble Salts	PP	0.00057	0.00043	0.00099
Selenium	PP	0.000028	0.000022	0.000050
Silver	PP	0.000021	0.000013	0.000034
Titanium	PP	0.0000074	0.0000088	0.000016
Zinc and Compounds	PP	0.034	0.011	0.045
<i>Polycyclic Aromatic Hydrocarbons</i>				
1-Methylnaphthalene	PB	0.0021	0.0058	0.0079
1-Methylphenanthrene	PB	0.00024	0.00071	0.00094
2,3,5-Trimethylnaphthalene	PB	0.000089	0.00036	0.00045
2,6-Dimethylnaphthalene	PB	0.00028	0.00094	0.0012
2-Methylnaphthalene	PB	0.0020	0.0057	0.0077
Acenaphthene	PB	0.00021	0.00062	0.00083
Acenaphthylene	PB	0.0010	0.0034	0.0045

Table 2-6: Emission Rates Used in the Air Quality Modeling

Chemical	Class	Emission Rate (g/sec)		
		Day	Night	Total
Anthracene	PB	0.00031	0.0011	0.0014
Benzo[a]anthracene	PB	0.00012	0.00057	0.00069
Benzo(g,h,i)perylene	PB	0.000050	0.00014	0.00019
Benzo[a]pyrene	PB	0.000072	0.00021	0.00028
Benzo[b]fluoranthene	PB	0.00011	0.00022	0.00033
Benzo[e]pyrene	PB	0.000077	0.00017	0.00025
Benzo[k]fluoranthene	PB	0.000047	0.0	0.000047
Chrysene	PB	0.00034	0.00090	0.0012
Dibenz[a,h]anthracene	PB	0.000013	0.000032	0.000045
Fluoranthene	PB	0.00048	0.0013	0.0018
Fluorene	PB	0.0010	0.0034	0.0044
Indeno[1,2,3-cd]pyrene	PB	0.000043	0.00011	0.00015
Naphthalene	PB	0.0093	0.026	0.036
Perylene	PB	0.000014	0.000090	0.00010
Phenanthrene	PB	0.0023	0.0061	0.0085
Pyrene	PB	0.00045	0.0013	0.0018
Total Carcinogenic PAHS (BaP TEQs)	PB	0.00010	0.00031	0.00042
<i>Polychlorinated Biphenyls</i>				
Heptachlorobiphenyl (total)	PB	0.0000010	0.0000021	0.0000031
Hexachlorobiphenyl (total)	PB	0.0000054	0.0000084	0.000014
Nonachlorobiphenyl (total)	PB	0.00000027	0.00000024	0.00000051
Octachlorobiphenyl (total)	PB	0.00000038	0.00000062	0.00000099
PCB 1	PB	0.000045	0.00011	0.00016
PCB 15	PB	0.0000066	0.000016	0.000023
Pentachlorobiphenyl (total)	PB	0.0000021	0.0000027	0.0000049
Tetrachlorobiphenyl (total)	PB	0.0000037	0.0000044	0.0000081
Trichlorobiphenyl (total)	PB	0.0000040	0.0000059	0.0000099
<i>Semi-Volatile Organic Compounds</i>				
1,1,1,2-Tetrachloroethane	PB	0.000024	0.000016	0.000040
1,1'-Biphenyl	PB	0.0063	0.020	0.026
1,2,3-Trichlorobenzene	PB	0.000068	0.000077	0.00014
1,2,3-Trichloropropane	PB	0.000044	0.0	0.000044
1,2,4-Trichlorobenzene	PB	0.000054	0.000029	0.000083
1,2,4-Trimethylbenzene	PB	0.0013	0.00065	0.0019
1,2-Dibromoethane	PB	0.000028	0.0	0.000028
1,2-Dichlorobenzene	PB	0.000044	0.0	0.000044
1,3,5-Trimethylbenzene	PB	0.0014	0.00052	0.0019
1,3-Dichlorobenzene	PB	0.000028	0.000020	0.000047
1,3-Dichloropropane	PB	0.000027	0.0	0.000027
2,4-Dimethylphenol	PB	0.0021	0.0039	0.0060
2-Chlorophenol	PB	0.00017	0.00091	0.0011
2-Nitrophenol	PB	0.00051	0.0013	0.0018
3- & 4-Methylphenol Coelution	PB	0.0060	0.018	0.024
4-Nitrophenol	PB	0.0013	0.0019	0.0033
Acetaldehyde	PB	0.21	0.19	0.41
Acetophenone	PB	0.0084	0.020	0.029
Benzoic Acid	PB	0.032	0.096	0.13
Benzyl Alcohol	PB	0.0010	0.00042	0.0014
Bis(2-ethylhexyl)phthalate	PB	0.019	0.030	0.049
Bromobenzene	PB	0.015	0.0	0.015
Bromochloromethane	PB	0.000036	0.0	0.000036
Butyl Benzyl Phthlate	PB	0.00038	0.0011	0.0014
Carbazole	PB	0.000068	0.0	0.000068

Table 2-6: Emission Rates Used in the Air Quality Modeling

Chemical	Class	Emission Rate (g/sec)		
		Day	Night	Total
cis-1,3-Dichloropropene	PB	0.0000099	0.0	0.0000099
Cumene	PB	0.0027	0.0019	0.0046
Dibromomethane (Methylene Bromide)	PB	0.000083	0.0	0.000083
Dibutyl-n-butyl Phthalate	PB	0.00057	0.0016	0.0022
Dichlorodifluoromethane	PB	0.00010	0.0	0.00010
Dimethyl Phthalate	PB	0.00014	0.0	0.00014
Di-n-octyl Phthalate	PB	0.00026	0.0	0.00026
Formaldehyde	PB	0.12	0.070	0.18
Hexachlorobutadiene	PB	0.018	0.0	0.018
Hydrogen Chloride	G	0.12	0.11	0.24
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	PB	0.00014	0.0	0.00014
n-Butylbenzene	PB	0.0018	0.00069	0.0025
o-Chlorotoluene	PB	0.00010	0.00026	0.00036
o-Cresol	PB	0.0031	0.010	0.013
p-Chlorotoluene	PB	0.00013	0.000051	0.00018
Phenol	PB	0.020	0.053	0.073
Phosphorus, White	PP	0.0050	0.0029	0.0079
Propionaldehyde	PB	0.023	0.022	0.044
Propyl benzene	G	0.0018	0.0010	0.0028
Pyridine	PB	0.0018	0.0050	0.0069
sec-Butylbenzene	PB	0.00032	0.00013	0.00045
tert-Butylbenzene	PB	0.019	0.0	0.019
trans-1,3-Dichloropropene	PB	0.000017	0.0	0.000017
Trichlorofluoromethane	PB	0.000035	0.0	0.000035
<i>Volatile Organic Compounds</i>				
1,1,1-Trichloroethane	G	0.000016	0.000020	0.000035
1,1-Dichloroethylene	G	0.000011	0.0	0.000011
1,2-cis-Dichloroethylene	G	0.0016	0.0	0.0016
1,2-Dichloroethane	G	0.00032	0.00041	0.00074
1,2-trans-Dichloroethylene	G	0.034	0.0	0.034
1,4-Dichlorobenzene	G	0.000026	0.00030	0.00033
2-Hexanone	G	0.00093	0.00093	0.0019
Benzene	G	0.086	0.14	0.22
Bromodichloromethane	G	0.000039	0.0	0.000039
Bromomethane	G	0.00087	0.00035	0.0012
Carbon dioxide	G	0.21	0.19	0.40
Carbon Disulfide	G	0.00080	0.00029	0.0011
Carbon Tetrachloride	G	0.000089	0.0	0.000089
Chlorobenzene	G	0.00071	0.00064	0.0014
Chloroform	G	0.00075	0.000024	0.00077
Chloromethane	G	0.0070	0.0029	0.0099
Dibromochloromethane	G	0.00096	0.0	0.00096
Ethyl Chloride	G	0.0015	0.0012	0.0026
Ethylbenzene	G	0.023	0.029	0.052
m&p-Xylene	G	0.0064	0.0043	0.011
Methyl Ethyl Ketone (2-Butanone)	G	0.0030	0.0054	0.0084
Methylene Chloride	G	0.0024	0.0025	0.0049
o-Xylene	G	0.0042	0.0026	0.0068
p-Isopropyltoluene	G	0.0012	0.00017	0.0014
Styrene	G	0.069	0.071	0.14
Tetrachloroethylene	G	0.000019	0.000015	0.000035
Toluene	G	0.030	0.050	0.081
Total Xylenes	G	0.011	0.0070	0.018

Table 2-6: Emission Rates Used in the Air Quality Modeling

Chemical	Class	Emission Rate (g/sec)		
		Day	Night	Total
Trichloroethylene	G	0.0000029	0.0	0.0000029
Vinyl Chloride	G	0.0015	0.00024	0.0018

Notes

G: Gas

PB: Particle-bound

PP: Particle-phase

Table 2-7: Stack Parameters Used in the Air Modeling Analysis

Parameter	Value Used
Box 1 Parameters	
X – UTM Coordinate	490201.9 meters
Y – UTM Coordinate	2207351.2 meters
Stack Base Elevation	17.1 meters above sea level
Box 2 Parameters	
X – UTM Coordinate	490229.34 meters
Y – UTM Coordinate	2207373.2 meters
Stack Base Elevation	18 meters above sea level
Box 3 Parameters	
X – UTM Coordinate	490225.47 meters
Y – UTM Coordinate	2207378 meters
Stack Base Elevation	18 meters above sea level
Shared Parameters	
Stack Height Above Ground	2.44 meters above ground
Stack Diameter	5.32 meters
Stack Exhaust Temperature	325.37 degrees Kelvin
Stack Exhaust Exit Velocity	2.27 meters per second
Horizontal Datum	UTM NAD 1983
Vertical Datum	ASTER GDEM V2 2011

Notes

Aster GDEM V2: Advanced Spaceborne Thermal Emission and Reflection Radiometer Global Digital Elevation Model Version 2

Table 2-8: Summary of Maximum 5-Year Average Normalized Model Results

Land Use EU	Parameter	Units	Day			Night		
			Particle-phase	Particle-bound	Gases	Particle-phase	Particle-bound	Gases
Residential	Concentration	(ug/m ³)/(g/s)	0.083	0.083	0.083	0.42	0.42	0.42
	Wet Deposition	(g/m ² -yr)/(g/s)	0.00057	0.000020	NA	0.00051	0.000020	0.0
	Dry Deposition	(g/m ² -yr)/(g/s)	0.0052	0.0012	NA	0.0061	0.0023	NA
Commercial/ Industrial	Concentration	(ug/m ³)/(g/s)	0.096	0.092	0.096	0.98	0.97	0.97
	Wet Deposition	(g/m ² -yr)/(g/s)	0.00094	0.000040	NA	0.00065	0.000030	NA
	Dry Deposition	(g/m ² -yr)/(g/s)	0.0055	0.0014	NA	0.015	0.0056	NA
Camp Justice	Concentration	(ug/m ³)/(g/s)	0.011	0.011	0.011	0.021	0.021	0.021
	Wet Deposition	(g/m ² -yr)/(g/s)	0.000030	0.0	NA	0.000030	0.0	NA
	Dry Deposition	(g/m ² -yr)/(g/s)	0.00048	0.00018	NA	0.00034	0.00012	NA

Notes

NA: Not applicable

All results are based on a 1 g/sec emission rate.

The maximum point of impingement for commercial/industrial and mixed land uses is the same and is based on modeling 2,021 receptor locations.

Table 2-9: Maximum Deposition Rates and Air Concentrations by MPOI

Chemical	Class	Emission Rate (g/sec)		MPOI Inside of Camp Justice						Residential MPOI Outside of Camp Justice						Commercial/Industrial & Mixed Use MPOI Outside of Camp Justice					
				Day			Night			Day			Night			Day			Night		
		Day	Night	Air Concentration (ug/m ³)	Wet Deposition (g/m ² -yr)	Dry Deposition (g/m ² -yr)	Air Concentration (ug/m ³)	Wet Deposition (g/m ² -yr)	Dry Deposition (g/m ² -yr)	Air Concentration (ug/m ³)	Wet Deposition (g/m ² -yr)	Dry Deposition (g/m ² -yr)	Air Concentration (ug/m ³)	Wet Deposition (g/m ² -yr)	Dry Deposition (g/m ² -yr)	Air Concentration (ug/m ³)	Wet Deposition (g/m ² -yr)	Dry Deposition (g/m ² -yr)	Air Concentration (ug/m ³)	Wet Deposition (g/m ² -yr)	Dry Deposition (g/m ² -yr)
					PP & PB	PP & PB		PP & PB	PP & PB		PP & PB	PP & PB		PP & PB	PP & PB		PP & PB	PP & PB		PP & PB	PP & PB
<i>Conventional Parameters</i>																					
Carbon Monoxide	G	5.5E+00	6.5E+00	5.9E-02	NA	NA	1.4E-01	NA	NA	4.6E-01	NA	NA	2.7E+00	NA	NA	5.3E-01	NA	NA	6.3E+00	NA	NA
Particulate <PM10	PP	3.1E+00	4.8E+00	3.3E-02	0.0E+00	5.5E-04	1.0E-01	0.0E+00	5.8E-04	2.6E-01	6.2E-05	3.6E-03	2.0E+00	9.7E-05	1.1E-02	2.8E-01	1.2E-04	4.4E-03	4.7E+00	1.5E-04	2.7E-02
Particulate <PM2.5	PP	2.4E+00	4.3E+00	2.6E-02	0.0E+00	4.3E-04	8.9E-02	0.0E+00	5.1E-04	2.0E-01	4.8E-05	2.8E-03	1.8E+00	8.5E-05	9.6E-03	2.2E-01	9.5E-05	3.4E-03	4.1E+00	1.3E-04	2.4E-02
Sulfur Dioxide	G	7.4E-02	4.1E-02	8.0E-04	NA	NA	8.5E-04	NA	NA	6.2E-03	NA	NA	1.7E-02	NA	NA	7.1E-03	NA	NA	3.9E-02	NA	NA
<i>Dioxins/Furans</i>																					
1,2,3,4,6,7,8-HpCDD	PB	7.6E-08	1.4E-07	8.3E-10	2.3E-12	3.6E-11	2.9E-09	4.2E-12	4.7E-11	6.3E-09	4.3E-11	4.0E-10	5.8E-08	7.1E-11	8.5E-10	7.3E-09	7.1E-11	4.2E-10	1.4E-07	9.0E-11	2.0E-09
1,2,3,4,6,7,8-HpCDF	PB	7.9E-08	1.4E-07	8.7E-10	2.4E-12	3.8E-11	2.9E-09	4.2E-12	4.7E-11	6.6E-09	4.5E-11	4.1E-10	5.8E-08	7.1E-11	8.5E-10	7.6E-09	7.4E-11	4.3E-10	1.4E-07	9.1E-11	2.0E-09
1,2,3,4,7,8,9-HpCDF	PB	8.3E-09	1.9E-08	9.2E-11	2.5E-13	4.0E-12	3.9E-10	5.6E-13	6.3E-12	7.0E-10	4.8E-12	4.3E-11	7.8E-09	9.4E-12	1.1E-10	8.0E-10	7.8E-12	4.6E-11	1.8E-08	1.2E-11	2.7E-10
1,2,3,4,7,8-HxCDD	PB	8.1E-09	1.7E-08	9.0E-11	2.4E-13	3.9E-12	3.6E-10	5.1E-13	5.8E-12	6.8E-10	4.6E-12	4.2E-11	7.2E-09	8.7E-12	1.0E-10	7.8E-10	7.6E-12	4.5E-11	1.7E-08	1.1E-11	2.5E-10
1,2,3,4,7,8-HxCDF	PB	6.7E-08	1.4E-07	7.3E-10	2.0E-12	3.2E-11	2.9E-09	4.2E-12	4.7E-11	5.6E-09	3.8E-11	3.5E-10	5.8E-08	7.1E-11	8.5E-10	6.4E-09	6.3E-11	3.7E-10	1.4E-07	9.0E-11	2.0E-09
1,2,3,6,7,8-HxCDD	PB	2.1E-08	4.6E-08	2.3E-10	6.2E-13	1.0E-11	9.5E-10	1.4E-12	1.6E-11	1.7E-09	1.2E-11	1.1E-10	1.9E-08	2.3E-11	2.8E-10	2.0E-09	2.0E-11	1.1E-10	4.5E-08	3.0E-11	6.7E-10
1,2,3,6,7,8-HxCDF	PB	1.7E-08	3.6E-08	1.9E-10	5.1E-13	8.1E-12	7.6E-10	1.1E-12	1.2E-11	1.4E-09	9.6E-12	8.8E-11	1.5E-08	1.8E-11	2.2E-10	1.6E-09	1.6E-11	9.3E-11	3.5E-08	2.4E-11	5.3E-10
1,2,3,7,8,9-HxCDD	PB	2.6E-08	5.5E-08	2.9E-10	7.8E-13	1.2E-11	1.1E-09	1.6E-12	1.9E-11	2.2E-09	1.5E-11	1.4E-10	2.3E-08	2.8E-11	3.3E-10	2.5E-09	2.4E-11	1.4E-10	5.4E-08	3.6E-11	8.0E-10
1,2,3,7,8,9-HxCDF	PB	1.5E-09	3.5E-09	1.7E-11	4.6E-14	7.4E-13	7.4E-11	1.1E-13	1.2E-12	1.3E-10	8.8E-13	8.1E-12	1.5E-09	1.8E-12	2.1E-11	1.5E-10	1.5E-12	8.5E-12	3.4E-09	2.3E-12	5.2E-11
1,2,3,7,8-PeCDD	PB	9.9E-09	2.2E-08	1.1E-10	3.0E-13	4.8E-12	4.6E-10	6.6E-13	7.5E-12	8.3E-10	5.7E-12	5.2E-11	9.3E-09	1.1E-11	1.3E-10	9.5E-10	9.3E-12	5.5E-11	2.2E-08	1.4E-11	3.2E-10
1,2,3,7,8-PeCDF	PB	1.4E-08	3.2E-08	1.5E-10	4.1E-13	6.5E-12	6.6E-10	9.5E-13	1.1E-11	1.1E-09	7.8E-12	7.1E-11	1.3E-08	1.6E-11	1.9E-10	1.3E-09	1.3E-11	7.5E-11	3.1E-08	2.1E-11	4.6E-10
2,3,4,6,7,8-HxCDF	PB	3.6E-08	6.9E-08	4.0E-10	1.1E-12	1.7E-11	1.4E-09	2.1E-12	2.3E-11	3.0E-09	2.1E-11	1.9E-10	2.9E-08	3.5E-11	4.2E-10	3.5E-09	3.4E-11	2.0E-10	6.7E-08	4.5E-11	1.0E-09
2,3,4,7,8-PeCDF	PB	3.1E-08	7.1E-08	3.4E-10	9.2E-13	1.5E-11	1.5E-09	2.1E-12	2.4E-11	2.6E-09	1.8E-11	1.6E-10	3.0E-08	3.6E-11	4.3E-10	3.0E-09	2.9E-11	1.7E-10	6.9E-08	4.6E-11	1.0E-09
2,3,7,8-TCDD	PB	9.3E-09	6.1E-09	1.0E-10	2.8E-13	4.5E-12	1.3E-10	1.8E-13	2.1E-12	7.8E-09	5.3E-12	4.9E-11	2.5E-09	3.1E-12	3.7E-11	9.0E-10	8.8E-12	5.1E-11	5.9E-09	3.9E-12	8.9E-11
2,3,7,8-TCDF	PB	1.3E-08	3.3E-08	1.5E-10	4.0E-13	6.4E-12	6.9E-10	9.9E-13	1.1E-11	1.1E-09	7.6E-12	7.0E-11	1.4E-08	1.7E-11	2.0E-10	1.3E-09	1.3E-11	7.4E-11	3.2E-08	2.2E-11	4.9E-10
OCDD	PB	5.3E-08	9.1E-08	5.9E-10	1.6E-12	2.6E-11	1.9E-09	2.7E-12	3.1E-11	4.5E-09	3.0E-11	2.8E-10	3.8E-08	4.6E-11	5.5E-10	5.1E-09	5.0E-11	2.9E-10	8.9E-08	5.9E-11	1.3E-09
OCDF	PB	2.2E-08	3.3E-08	2.4E-10	6.5E-13	1.0E-11	6.9E-10	9.9E-13	1.1E-11	1.8E-09	1.2E-11	1.1E-10	1.4E-08	1.7E-11	2.0E-10	2.1E-09	2.1E-11	1.2E-10	3.2E-08	2.2E-11	4.9E-10
Total Dioxin/Furans (2,3,7,8-TCDD TEQs)	PB	5.0E-08	9.3E-08	5.4E-10	1.5E-12	2.4E-11	1.9E-09	2.8E-12	3.2E-11	4.1E-09	2.8E-11	2.6E-10	3.9E-08	4.8E-11	5.7E-10	4.8E-09	4.7E-11	2.7E-10	9.1E-08	6.1E-11	1.4E-09
Dibenzofuran	PB	6.7E-04	1.7E-03	7.4E-06	2.0E-08	3.2E-07	3.5E-05	5.0E-08	5.6E-07	5.6E-05	3.8E-07	3.5E-06	7.0E-04	8.5E-07	1.0E-05	6.5E-05	6.3E-07	3.7E-06	1.6E-03	1.1E-06	2.4E-05
<i>Inorganics</i>																					
Antimony (metallic)	PP	3.2E-03	5.4E-04	3.4E-05	0.0E+00	5.7E-07	1.1E-05	0.0E+00	6.5E-08	2.7E-04	6.4E-08	3.7E-06	2.2E-04	1.1E-08	1.2E-06	2.9E-04	1.3E-07	4.5E-06	5.2E-04	1.6E-08	3.0E-06
Arsenic, Inorganic	PP	9.0E-05	7.7E-05	9.7E-07	0.0E+00	1.6E-08	1.6E-06	0.0E+00	9.2E-09	7.5E-06	1.8E-09	1.1E-07	3.2E-05	1.5E-09	1.7E-07	8.3E-06	3.6E-09	1.3E-07	7.4E-05	2.3E-09	4.3E-07
Barium	PP	3.4E-02	8.6E-03	3.6E-04	0.0E+00	6.1E-06	1.8E-04	0.0E+00	1.0E-06	2.8E-03	6.8E-07	4.0E-05	3.6E-03	1.7E-07	1.9E-05	3.1E-03	1.4E-06	4.8E-05	8.3E-03	2.6E-07	4.8E-05
Beryllium and compounds	PP	7.4E-06	5.1E-06	8.0E-08	0.0E+00	1.3E-09	1.1E-07	0.0E+00	6.1E-10	6.2E-07	1.5E-10	8.7E-09	2.1E-06	1.0E-10	1.1E-08	6.8E-07	3.0E-10	1.1E-08	4.9E-06	1.5E-10	2.9E-08
Cadmium	PP	1.2E-04	9.6E-05	1.3E-06	0.0E+00	2.2E-08	2.0E-06	0.0E+00	1.1E-08	9.9E-06	2.4E-09	1.4E-07	4.0E-05	1.9E-09	2.2E-07	1.1E-05	4.8E-09	1.7E-07	9.2E-05	2.9E-09	5.4E-07
Chromium, Total	PP	9.3E-04	8.6E-04	1.0E-05	0.0E+00	1.7E-07	1.8E-05	0.0E+00	1.0E-07	7.7E-05	1.9E-08	1.1E-06	3.6E-04	1.7E-08	1.9E-06	8.5E-05	3.7E-08	1.3E-06	8.3E-04	2.6E-08	4.9E-06
Cobalt	PP	3.8E-03	5.0E-05	4.1E-05	0.0E+00	6.9E-07	1.0E-06	0.0E+00	6.0E-09	3.2E-04	7.6E-08	4.5E-06	2.1E-05	9.9E-10	1.1E-07	3.5E-04	1.5E-07	5.4E-06	4.8E-05	1.5E-09	2.8E-07
Copper	PP	3.0E-03	2.2E-03	3.2E-05	0.0E+00	5.3E-07	4.5E-05	0.0E+00	2.6E-07	2.5E-04	5.9E-08	3.5E-06	8.9E-04	4.3E-08	4.8E-06	2.7E-04	1.2E-07	4.2E-06	2.1E-03	6.5E-08	1.2E-05
Hydrogen Cyanide	PP	1.6E-02	2.5E-02	1.7E-04	0.0E+00	2.9E-06	5.2E-04	0.0E+00	3.0E-06	1.3E-03	3.2E-07	1.9E-05	1.0E-02	5.0E-07	5.6E-05	1.5E-03	6.5E-07	2.3E-05	2.4E-02	7.5E-07	1.4E-04
Lead and Compounds	PP	1.1E-03	6.6E-04	1.2E-05	0.0E+00	2.0E-07	1.4E-05	0.0E+00	7.9E-08	9.3E-05	2.2E-08	1.3E-06	2.7E-04	1.3E-08	1.5E-06	1.0E-04	4.5E-08	1.6E-06	6.4E-04	2.0E-08	3.7E-06
Manganese	PP	8.8E-04	6.8E-04	9.5E-06	0.0E+00	1.6E-07	1.4E-05	0.0E+00	8.1E-08	7.3E-05	1.8E-08	1.0E-06	2.8E-04	1.4E-08	1.5E-06	8.1E-05	3.5E-08	1.2E-06	6.6E-04	2.0E-08	3.8E-06
Mercury (elemental)	G	7.6E-06	6.4E-06	8.2E-08	NA	NA	1.3E-07	NA	NA	6.3E-07	NA	NA	2.6E-06	NA	NA	7.3E-07	NA	NA	6.1E-06	NA	NA
Mercury (+2)	PB	7.6E-06	6.4E-06	8.3E-08	2.3E-10	3.6E-09	1.3E-07	1.9E-10	2.2E-09	6.3E-07	4.3E-09	4.0E-08	2.7E-06	3.2E-09	3.9E-08	7.3E-07	7.1E-09	4.2E-08	6.2E-06	4.1E-09	9.3E-08
Methyl Mercury	G	7.6E-06	6.4E-06	8.2E-08	NA	NA	1.3E-07	NA	NA	6.3E-07	NA	NA	2.6E-06	NA	NA	7.3E-07	NA	NA	6.1E-06	NA	NA
Nickel Soluble Salts	PP	5.7E-04	4.3E-04	6.1E-06	0.0E+00	1.0E-07	8.9E-06	0.0E+00	5.1E-08	4.7E-05	1.1E-08	6.6E-07	1.8E-04	8.6E-09	9.6E-07	5.2E-05	2.3E-08	8.0E-07	4.1E-04	1.3E-08	2.4E-06
Selenium	PP	2.8E-05	2.2E-05	3.0E-07	0.0E+00	5.0E-09	4.6E-07	0.0E+00	2.6E-09	2.3E-06	5.5E-10	3.2E-08	9.2E-06	4.4E-10	5.0E-08	2.5E-06	1.1E-09	3.9E-08	2.1E-05	6.6E-10	1.2E-07
Silver	PP	2.1E-05	1.3E-05	2.3E-07	0.0E+00	3.8E-09	2.6E-07	0.0E+00	1.5E-09	1.8E-06	4.2E-10	2.5E-08	5.3E-06	2.5E-10	2.9E-08	1.9E-06	8.4E-10	3.0E-08	1.2E-05	3.8E-10	7.1E-08
Titanium	PP	7.4E-06	8.8E-06	8.0E-08	0.0E+00	1.3E-09	1.8E-07	0.0E+00	1.1E-09	6.2E-07	1.5E-10	8.7E-09	3.7E-06	1.8E-10	2.0E-0						

Table 2-9: Maximum Deposition Rates and Air Concentrations by MPOI

Chemical	Class	Emission Rate (g/sec)		MPOI Inside of Camp Justice						Residential MPOI Outside of Camp Justice						Commercial/Industrial & Mixed Use MPOI Outside of Camp Justice					
				Day			Night			Day			Night			Day			Night		
		Day	Night	Air Concentration (ug/m ³)	Wet Deposition (g/m ² -yr)	Dry Deposition (g/m ² -yr)	Air Concentration (ug/m ³)	Wet Deposition (g/m ² -yr)	Dry Deposition (g/m ² -yr)	Air Concentration (ug/m ³)	Wet Deposition (g/m ² -yr)	Dry Deposition (g/m ² -yr)	Air Concentration (ug/m ³)	Wet Deposition (g/m ² -yr)	Dry Deposition (g/m ² -yr)	Air Concentration (ug/m ³)	Wet Deposition (g/m ² -yr)	Dry Deposition (g/m ² -yr)	Air Concentration (ug/m ³)	Wet Deposition (g/m ² -yr)	Dry Deposition (g/m ² -yr)
					PP & PB	PP & PB		PP & PB	PP & PB		PP & PB	PP & PB		PP & PB	PP & PB		PP & PB	PP & PB		PP & PB	PP & PB
1-Methylphenanthrene	PB	2.4E-04	7.1E-04	2.6E-06	7.1E-09	1.1E-07	1.5E-05	2.1E-08	2.4E-07	2.0E-05	1.3E-07	1.2E-06	3.0E-04	3.6E-07	4.3E-06	2.3E-05	2.2E-07	1.3E-06	6.9E-04	4.6E-07	1.0E-05
2,3,5-Trimethylnaphthale	PB	8.9E-05	3.6E-04	9.8E-07	2.7E-09	4.3E-08	7.6E-06	1.1E-08	1.2E-07	7.4E-06	5.1E-08	4.6E-07	1.5E-04	1.9E-07	2.2E-06	8.6E-06	8.4E-08	4.9E-07	3.5E-04	2.4E-07	5.3E-06
2,6-Dimethylnaphthalene	PB	2.8E-04	9.4E-04	3.1E-06	8.5E-09	1.4E-07	2.0E-05	2.8E-08	3.2E-07	2.4E-05	1.6E-07	1.5E-06	3.9E-04	4.8E-07	5.7E-06	2.7E-05	2.7E-07	1.6E-06	9.1E-04	6.1E-07	1.4E-05
2-Methylnaphthalene	PB	2.0E-03	5.7E-03	2.2E-05	6.1E-08	9.7E-07	1.2E-04	1.7E-07	1.9E-06	1.7E-04	1.2E-06	1.1E-05	2.4E-03	2.9E-06	3.5E-05	1.9E-04	1.9E-06	1.1E-05	5.5E-03	3.7E-06	8.3E-05
Acenaphthene	PB	2.1E-04	6.2E-04	2.3E-06	6.3E-09	1.0E-07	1.3E-05	1.8E-08	2.1E-07	1.8E-05	1.2E-07	1.1E-06	2.6E-04	3.1E-07	3.7E-06	2.0E-05	2.0E-07	1.2E-06	6.0E-04	4.0E-07	9.0E-06
Acenaphthylene	PB	1.0E-03	3.4E-03	1.1E-05	3.1E-08	5.0E-07	7.2E-05	1.0E-07	1.2E-06	8.7E-05	5.9E-07	5.4E-06	1.4E-03	1.8E-06	2.1E-05	1.0E-04	9.8E-07	5.7E-06	3.4E-03	2.2E-06	5.0E-05
Anthracene	PB	3.1E-04	1.1E-03	3.4E-06	9.2E-09	1.5E-07	2.3E-05	3.3E-08	3.8E-07	2.5E-05	1.7E-07	1.6E-06	4.7E-04	5.7E-07	6.7E-06	2.9E-05	2.9E-07	1.7E-06	1.1E-03	7.2E-07	1.6E-05
Benz[a]anthracene	PB	1.2E-04	5.7E-04	1.3E-06	3.6E-09	5.8E-08	1.2E-05	1.7E-08	1.9E-07	1.0E-05	6.9E-08	6.3E-07	2.4E-04	2.9E-07	3.4E-06	1.2E-05	1.1E-07	6.6E-07	5.5E-04	3.7E-07	8.3E-06
Benzo(g,h,i)perylene	PB	5.0E-05	1.4E-04	5.5E-07	1.5E-09	2.4E-08	2.8E-06	4.1E-09	4.6E-08	4.2E-06	2.9E-08	2.6E-07	5.7E-05	6.9E-08	8.2E-07	4.8E-06	4.7E-08	2.8E-07	1.3E-04	8.8E-08	2.0E-06
Benzo[a]pyrene	PB	7.2E-05	2.1E-04	7.9E-07	2.2E-09	3.5E-08	4.4E-06	6.3E-09	7.1E-08	6.0E-06	4.1E-08	3.7E-07	8.8E-05	1.1E-07	1.3E-06	6.9E-06	6.8E-08	4.0E-07	2.0E-04	1.4E-07	3.1E-06
Benzo[b]fluoranthene	PB	1.1E-04	2.2E-04	1.2E-06	3.2E-09	5.1E-08	4.6E-06	6.6E-09	7.5E-08	8.9E-06	6.1E-08	5.6E-07	9.2E-05	1.1E-07	1.3E-06	1.0E-05	1.0E-07	5.9E-07	2.1E-04	1.4E-07	3.2E-06
Benzo[e]pyrene	PB	7.7E-05	1.7E-04	8.4E-07	2.3E-09	3.7E-08	3.6E-06	5.1E-09	5.8E-08	6.4E-06	4.4E-08	4.0E-07	7.2E-05	8.7E-08	1.0E-06	7.4E-06	7.2E-08	4.2E-07	1.7E-04	1.1E-07	2.5E-06
Benzo[k]fluoranthene	PB	4.7E-06	0.0E+00	5.2E-08	1.4E-10	2.3E-09	0.0E+00	0.0E+00	0.0E+00	4.0E-07	2.7E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	4.5E-07	4.5E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00
Chrysene	PB	3.4E-04	9.0E-04	3.7E-06	1.0E-08	1.6E-07	1.9E-05	2.7E-08	3.0E-07	2.8E-05	1.9E-07	1.8E-06	3.8E-04	4.6E-07	5.5E-06	3.2E-05	3.2E-07	1.9E-06	8.8E-04	5.8E-07	1.3E-05
Dibenz[a,h]anthracene	PB	1.3E-05	3.2E-05	1.4E-07	3.9E-10	6.3E-09	6.7E-07	9.7E-10	1.1E-08	1.1E-06	7.5E-09	6.8E-08	1.4E-05	1.6E-08	2.0E-07	1.3E-06	1.2E-08	7.2E-08	3.1E-05	2.1E-08	4.7E-07
Fluoranthene	PB	4.8E-04	1.3E-03	5.3E-06	1.4E-08	2.3E-07	2.8E-05	4.0E-08	4.5E-07	4.0E-05	2.7E-07	2.5E-06	5.5E-04	6.7E-07	8.0E-06	4.6E-05	4.5E-07	2.6E-06	1.3E-03	8.6E-07	1.9E-05
Fluorene	PB	1.0E-03	3.4E-03	1.1E-05	3.1E-08	5.0E-07	7.1E-05	1.0E-07	1.1E-06	8.6E-05	5.9E-07	5.4E-06	1.4E-03	1.7E-06	2.1E-05	9.9E-05	9.7E-07	5.7E-06	3.3E-03	2.2E-06	5.0E-05
Indeno[1,2,3-cd]pyrene	PB	4.3E-05	1.1E-04	4.7E-07	1.3E-09	2.0E-08	2.2E-06	3.2E-09	3.7E-08	3.6E-06	2.4E-08	2.2E-07	4.5E-05	5.5E-08	6.5E-07	4.1E-06	4.0E-08	2.3E-07	1.0E-04	7.0E-08	1.6E-06
Naphthalene	PB	9.3E-03	2.6E-02	1.0E-04	2.8E-07	4.5E-06	5.5E-04	7.9E-07	8.9E-06	7.8E-04	5.3E-06	4.8E-05	1.1E-02	1.3E-05	1.6E-04	8.9E-04	8.7E-06	5.1E-05	2.6E-02	1.7E-05	3.9E-04
Perylene	PB	1.4E-05	9.0E-05	1.5E-07	4.1E-10	6.5E-09	1.9E-06	2.7E-09	3.1E-08	1.1E-06	7.8E-09	7.1E-08	3.8E-05	4.6E-08	5.5E-07	1.3E-06	1.3E-08	7.5E-08	8.8E-05	5.8E-08	1.3E-06
Phenanthrene	PB	2.3E-03	6.1E-03	2.5E-05	6.9E-08	1.1E-06	1.3E-04	1.8E-07	2.1E-06	1.9E-04	1.3E-06	1.2E-05	2.6E-03	3.1E-06	3.7E-05	2.2E-04	2.2E-06	1.3E-05	6.0E-03	4.0E-06	9.0E-05
Pyrene	PB	4.5E-04	1.3E-03	5.0E-06	1.4E-08	2.2E-07	2.7E-05	3.9E-08	4.4E-07	3.8E-05	2.6E-07	2.4E-06	5.4E-04	6.6E-07	7.9E-06	4.4E-05	4.3E-07	2.5E-06	1.3E-03	8.4E-07	1.9E-05
Total Carcinogenic PAHs (BaP TEQs)	PB	1.0E-04	3.1E-04	1.1E-06	3.1E-09	5.0E-08	6.5E-06	9.3E-09	1.1E-07	8.7E-06	5.9E-08	5.4E-07	1.3E-04	1.6E-07	1.9E-06	1.0E-05	9.7E-08	5.7E-07	3.0E-04	2.0E-07	4.6E-06
<i>Polychlorinated Biphenyls</i>																					
Heptachlorobiphenyl (total)	PB	1.0E-07	2.1E-07	1.1E-09	3.0E-12	4.8E-11	4.5E-09	6.4E-12	7.3E-11	8.4E-09	5.7E-11	5.2E-10	9.0E-08	1.1E-10	1.3E-09	9.7E-09	9.5E-11	5.5E-10	2.1E-07	1.4E-10	3.1E-09
Hexachlorobiphenyl (total)	PB	5.4E-07	8.4E-07	5.9E-09	1.6E-11	2.6E-10	1.7E-08	2.5E-11	2.8E-10	4.5E-08	3.1E-10	2.8E-09	3.5E-07	4.3E-10	5.1E-09	5.2E-08	5.1E-10	3.0E-09	8.2E-07	5.4E-10	1.2E-08
Nonachlorobiphenyl (total)	PB	2.7E-08	2.4E-08	3.0E-10	8.2E-13	1.3E-11	4.9E-10	7.1E-13	8.0E-12	2.3E-09	1.6E-11	1.4E-10	9.9E-09	1.2E-11	1.4E-10	2.6E-09	2.6E-11	1.5E-10	2.3E-08	1.5E-11	3.5E-10
Octachlorobiphenyl (total)	PB	3.8E-08	6.2E-08	4.1E-10	1.1E-12	1.8E-11	1.3E-09	1.9E-12	2.1E-11	3.1E-09	2.1E-11	2.0E-10	2.6E-08	3.2E-11	3.8E-10	3.6E-09	3.5E-11	2.1E-10	6.0E-08	4.0E-11	9.1E-10
PCB 1	PB	4.5E-05	1.1E-04	5.0E-07	1.4E-09	2.2E-08	2.3E-06	3.4E-09	3.8E-08	3.8E-06	2.6E-08	2.4E-07	4.7E-05	5.7E-08	6.8E-07	4.3E-06	4.3E-08	2.5E-07	1.1E-04	7.3E-08	1.6E-06
PCB 15	PB	6.6E-06	1.6E-05	7.3E-08	2.0E-10	3.2E-09	3.3E-07	4.8E-10	5.4E-09	5.5E-07	3.8E-09	3.5E-08	6.7E-06	8.2E-09	9.7E-08	6.4E-07	6.2E-09	3.6E-08	1.6E-05	1.0E-08	2.3E-07
Pentachlorobiphenyl (total)	PB	2.1E-06	2.7E-06	2.4E-08	6.4E-11	1.0E-09	5.7E-08	8.1E-11	9.2E-10	1.8E-07	1.2E-09	1.1E-08	1.1E-06	1.4E-09	1.6E-08	2.1E-07	2.0E-09	1.2E-08	2.6E-06	1.8E-09	4.0E-08
Tetrachlorobiphenyl (total)	PB	3.7E-06	4.4E-06	4.0E-08	1.1E-10	1.8E-09	9.2E-08	1.3E-10	1.5E-09	3.1E-07	2.1E-09	1.9E-08	1.9E-06	2.3E-09	2.7E-08	3.5E-07	3.4E-09	2.0E-08	4.3E-06	2.9E-09	6.5E-08
Trichlorobiphenyl (total)	PB	4.0E-06	5.9E-06	4.4E-08	1.2E-10	1.9E-09	1.2E-07	1.8E-10	2.0E-09	3.3E-07	2.3E-09	2.1E-08	2.5E-06	3.0E-09	3.6E-08	3.8E-07	3.7E-09	2.2E-08	5.8E-06	3.9E-09	8.7E-08
<i>Semi-Volatile Organic Compounds</i>																					
1,1,1,2-Tetrachloroethane	PB	2.4E-05	1.6E-05	2.6E-07	7.1E-10	1.1E-08	3.4E-07	4.8E-10	5.5E-09	2.0E-06	1.3E-08	1.2E-07	6.7E-06	8.2E-09	9.8E-08	2.3E-06	2.2E-08	1.3E-07	1.6E-05	1.0E-08	2.4E-07
1,1'-Biphenyl	PB	6.3E-03	2.0E-02	6.9E-05	1.9E-07	3.0E-06	4.2E-04	6.0E-07	6.9E-06	5.3E-04	3.6E-06	3.3E-05	8.5E-03	1.0E-05	1.2E-04	6.0E-04	5.9E-06	3.5E-05	2.0E-02	1.3E-05	3.0E-04
1,2,3-Trichlorobenzene	PB	6.8E-05	7.7E-05	7.5E-07	2.0E-09	3.3E-08	1.6E-06	2.3E-09	2.6E-08	5.7E-06	3.9E-08	3.5E-07	3.2E-05	3.9E-08	4.7E-07	6.5E-06	6.4E-08	3.7E-07	7.5E-05	5.0E-08	1.1E-06
1,2,3-Trichloropropane	PB	4.4E-05	0.0E+00	4.8E-07	1.3E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	3.7E-06	2.5E-08	2.3E-07	0.0E+00	0.0E+00	0.0E+00	4.2E-06	4.1E-08	2.4E-07	0.0E+00	0.0E+00	0.0E+00
1,2,4-Trichlorobenzene	PB	5.4E-05	2.9E-05	5.9E-07	1.6E-09	2.6E-08	6.0E-07	8.6E-10	9.7E-09	4.5E-06	3.1E-08	2.8E-07	1.2E-05	1.5E-08	1.7E-07	5.2E-06	5.1E-08	3.0E-07	2.8E-05	1.9E-08	4.2E-07
1,2,4-Trimethylbenzene	PB	1.3E-03	6.5E-04	1.4E-05	3.8E-08	6.1E-07	1.3E-05	1.9E-08	2.2E-07	1.1E-04	7.3E-07	6.6E-06	2.7E-04	3.3E-07	3.9E-06	1.2E-04	1.2E-06	7.0E-06	6.3E-04	4.2E-07	9.5E-06
1,2-Dibromoethane	PB	2.8E-05	0.0E+00	3.1E-07	8.4E-10	1.3E-08	0.0E+00	0.0E+00	0.0E+00	2.3E-06	1.6E-08	1.5E-07	0.0E+00	0.0E+00	0.0E+00	2.7E-06	2.6E-08	1.5E-07	0.0E+00	0.0E+00	0.0E+00
1,2-Dichlorobenzene	PB	4.4E-05	0.0E+00	4.9E-07	1.3E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	3.7E-06	2.5E-08	2.3E-07	0.0E+00	0.0E+00	0.0E+00	4.2E-06	4.2E-08	2.4E-07	0.0E+00	0.0E+00	0.0E+00
1,3,5-Trimethylbenzene	PB	1.4E-03	5.2E-04	1.5E-05	4.1E-08	6.6E-07	1.1E-05	1.6E-08	1.8E-07	1.2E-04	7.9E-07	7.2E-06	2.2E-04	2.6E-07	3.2E-06	1.3E-04	1.3E-06	7.6E-06	5.1E-04	3.4E-07	7.6E-06
1,3-Dichlorobenzene	PB	2.8E-05	2.0E-05	3.1E-07	8.4E-10	1.3E-08	4.1E-07	5.9E-10	6.7E-09	2.3E-06	1.6E-08	1.5E-07	8.2E-06	1.0E-08	1.2E-07	2.7E-06	2.6E-08	1.5E-07	1.9E-05	1.3E-08	2.9E-07
1,3-Dichloropropane	PB	2.7E-05	0.0E+00	3.0E-07	8.2E-10	1.3E-08	0.0E+00	0.0E+00	0.0E+00	2.3E-06	1.6E-08	1.4E-07	0.0E+00	0.0E+00	0.0E+00	2.6E-06	2.6E-08	1.5E-07	0.0E+00	0.0E+00	0.0E+00
2,4-Dimethylphenol	PB	2.1E-03	3.9E-03	2.3E-05	6.2E-08	9.9E-07	8.2E-05	1.2E-0													

Table 2-9: Maximum Deposition Rates and Air Concentrations by MPOI

Chemical	Class	Emission Rate (g/sec)		MPOI Inside of Camp Justice						Residential MPOI Outside of Camp Justice						Commercial/Industrial & Mixed Use MPOI Outside of Camp Justice					
				Day			Night			Day			Night			Day			Night		
		Day	Night	Air Concentration (ug/m ³)	Wet Deposition (g/m ² -yr)	Dry Deposition (g/m ² -yr)	Air Concentration (ug/m ³)	Wet Deposition (g/m ² -yr)	Dry Deposition (g/m ² -yr)	Air Concentration (ug/m ³)	Wet Deposition (g/m ² -yr)	Dry Deposition (g/m ² -yr)	Air Concentration (ug/m ³)	Wet Deposition (g/m ² -yr)	Dry Deposition (g/m ² -yr)	Air Concentration (ug/m ³)	Wet Deposition (g/m ² -yr)	Dry Deposition (g/m ² -yr)	Air Concentration (ug/m ³)	Wet Deposition (g/m ² -yr)	Dry Deposition (g/m ² -yr)
2-Nitrophenol	PB	5.1E-04	1.3E-03	5.6E-06	1.5E-08	2.4E-07	2.8E-05	4.0E-08	4.5E-07	4.2E-05	2.9E-07	2.7E-06	5.5E-04	6.7E-07	8.0E-06	4.9E-05	4.8E-07	2.8E-06	1.3E-03	8.6E-07	1.9E-05
3- & 4-Methylphenol Coelut	PB	6.0E-03	1.8E-02	6.6E-05	1.8E-07	2.9E-06	3.8E-04	5.4E-07	6.1E-06	5.0E-04	3.4E-06	3.1E-05	7.5E-03	9.2E-06	1.1E-04	5.8E-04	5.6E-06	3.3E-05	1.8E-02	1.2E-05	2.6E-04
4-Nitrophenol	PB	1.3E-03	1.9E-03	1.5E-05	4.0E-08	6.4E-07	4.1E-05	5.8E-08	6.6E-07	1.1E-04	7.6E-07	6.9E-06	8.1E-04	9.9E-07	1.2E-05	1.3E-04	1.2E-06	7.3E-06	1.9E-03	1.3E-06	2.8E-05
Acetaldehyde	PB	2.1E-01	1.9E-01	2.3E-03	6.3E-06	1.0E-04	4.1E-03	5.8E-06	6.6E-05	1.8E-02	1.2E-04	1.1E-03	8.1E-02	9.9E-05	1.2E-03	2.0E-02	2.0E-04	1.2E-03	1.9E-01	1.3E-04	2.8E-03
Acetophenone	PB	8.4E-03	2.0E-02	9.2E-05	2.5E-07	4.0E-06	4.3E-04	6.1E-07	7.0E-06	7.0E-04	4.8E-06	4.4E-05	8.6E-03	1.0E-05	1.2E-04	8.0E-04	7.9E-06	4.6E-05	2.0E-02	1.3E-05	3.0E-04
Benzoic Acid	PB	3.2E-02	9.6E-02	3.5E-04	9.5E-07	1.5E-05	2.0E-03	2.9E-06	3.3E-05	2.6E-03	1.8E-05	1.6E-04	4.0E-02	4.9E-05	5.8E-04	3.0E-03	3.0E-05	1.7E-04	9.4E-02	6.2E-05	1.4E-03
Benzyl Alcohol	PB	1.0E-03	4.2E-04	1.1E-05	3.1E-08	4.9E-07	8.7E-06	1.3E-08	1.4E-07	8.5E-05	5.8E-07	5.3E-06	1.7E-04	2.1E-07	2.5E-06	9.8E-05	9.6E-07	5.6E-06	4.1E-04	2.7E-07	6.1E-06
Bis(2-ethylhexyl)phthalate	PB	1.9E-02	3.0E-02	2.1E-04	5.8E-07	9.3E-06	6.3E-04	9.0E-07	1.0E-05	1.6E-03	1.1E-05	1.0E-04	1.3E-02	1.5E-05	1.8E-04	1.9E-03	1.8E-05	1.1E-04	2.9E-02	1.9E-05	4.4E-04
Bromobenzene	PB	1.5E-02	0.0E+00	1.7E-04	4.5E-07	7.3E-06	0.0E+00	0.0E+00	0.0E+00	1.3E-03	8.6E-06	7.9E-05	0.0E+00	0.0E+00	0.0E+00	1.5E-03	1.4E-05	8.3E-05	0.0E+00	0.0E+00	0.0E+00
Bromochloromethane	PB	3.6E-05	0.0E+00	3.9E-07	1.1E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-06	2.0E-08	1.9E-07	0.0E+00	0.0E+00	0.0E+00	3.4E-06	3.4E-08	2.0E-07	0.0E+00	0.0E+00	0.0E+00
Butyl Benzyl Phthlate	PB	3.8E-04	1.1E-03	4.2E-06	1.1E-08	1.8E-07	2.2E-05	3.2E-08	3.6E-07	3.2E-05	2.2E-07	2.0E-06	4.4E-04	5.4E-07	6.4E-06	3.6E-05	3.6E-07	2.1E-06	1.0E-03	6.9E-07	1.5E-05
Carbazole	PB	6.8E-05	0.0E+00	7.5E-07	2.1E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	5.7E-06	3.9E-08	3.6E-07	0.0E+00	0.0E+00	0.0E+00	6.6E-06	6.4E-08	3.8E-07	0.0E+00	0.0E+00	0.0E+00
cis-1,3-Dichloropropene	PB	9.9E-06	0.0E+00	1.1E-07	3.0E-10	4.7E-09	0.0E+00	0.0E+00	0.0E+00	8.2E-07	5.6E-09	5.1E-08	0.0E+00	0.0E+00	0.0E+00	9.5E-07	9.3E-09	5.4E-08	0.0E+00	0.0E+00	0.0E+00
Cumene	PB	2.7E-03	1.9E-03	2.9E-05	8.0E-08	1.3E-06	4.0E-05	5.8E-08	6.5E-07	2.2E-04	1.5E-06	1.4E-05	8.1E-04	9.8E-07	1.2E-05	2.6E-04	2.5E-06	1.5E-05	1.9E-03	1.2E-06	2.8E-05
Dibromomethane	PB	8.3E-05	0.0E+00	9.1E-07	2.5E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	6.9E-06	4.7E-08	4.3E-07	0.0E+00	0.0E+00	0.0E+00	7.9E-06	7.8E-08	4.5E-07	0.0E+00	0.0E+00	0.0E+00
Dibutyl-n-butyl Phthalate	PB	5.7E-04	1.6E-03	6.3E-06	1.7E-08	2.7E-07	3.4E-05	4.9E-08	5.5E-07	4.7E-05	3.2E-07	3.0E-06	6.8E-04	8.3E-07	9.9E-06	5.5E-05	5.3E-07	3.1E-06	1.6E-03	1.1E-06	2.4E-05
Dichlorodifluoromethane	PB	1.0E-04	0.0E+00	1.1E-06	3.0E-09	4.8E-08	0.0E+00	0.0E+00	0.0E+00	8.4E-06	5.8E-08	5.3E-07	0.0E+00	0.0E+00	0.0E+00	9.7E-06	9.5E-08	5.6E-07	0.0E+00	0.0E+00	0.0E+00
Dimethyl Phthalate	PB	1.4E-04	0.0E+00	1.5E-06	4.1E-09	6.5E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-05	7.7E-08	7.0E-07	0.0E+00	0.0E+00	0.0E+00	1.3E-05	1.3E-07	7.4E-07	0.0E+00	0.0E+00	0.0E+00
Di-n-octyl Phthalate	PB	2.6E-04	0.0E+00	2.9E-06	7.8E-09	1.3E-07	0.0E+00	0.0E+00	0.0E+00	2.2E-05	1.5E-07	1.4E-06	0.0E+00	0.0E+00	0.0E+00	2.5E-05	2.5E-07	1.4E-06	0.0E+00	0.0E+00	0.0E+00
Formaldehyde	PB	1.2E-01	7.0E-02	1.3E-03	3.5E-06	5.5E-05	1.5E-03	2.1E-06	2.4E-05	9.6E-03	6.6E-05	6.0E-04	2.9E-02	3.5E-05	4.2E-04	1.1E-02	1.1E-04	6.3E-04	6.8E-02	4.5E-05	1.0E-03
Hexachlorobutadiene	PB	1.8E-02	0.0E+00	2.0E-04	5.4E-07	8.6E-06	0.0E+00	0.0E+00	0.0E+00	1.5E-03	1.0E-05	9.4E-05	0.0E+00	0.0E+00	0.0E+00	1.7E-03	1.7E-05	9.9E-05	0.0E+00	0.0E+00	0.0E+00
Hydrogen Chloride	G	1.2E-01	1.1E-01	1.3E-03	NA	NA	2.3E-03	NA	NA	1.0E-02	NA	NA	4.6E-02	NA	NA	1.2E-02	NA	NA	1.1E-01	NA	NA
Methyl Isobutyl Ketone	PB	1.4E-04	0.0E+00	1.6E-06	4.3E-09	6.9E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-05	8.2E-08	7.5E-07	0.0E+00	0.0E+00	0.0E+00	1.4E-05	1.4E-07	8.0E-07	0.0E+00	0.0E+00	0.0E+00
n-Butylbenzene	PB	1.8E-03	6.9E-04	2.0E-05	5.5E-08	8.7E-07	1.4E-05	2.1E-08	2.3E-07	1.5E-04	1.0E-06	9.5E-06	2.9E-04	3.5E-07	4.2E-06	1.7E-04	1.7E-06	1.0E-05	6.7E-04	4.5E-07	1.0E-05
o-Chlorotoluene	PB	1.0E-04	2.6E-04	1.1E-06	3.1E-09	4.9E-08	5.4E-06	7.7E-09	8.7E-08	8.6E-06	5.8E-08	5.3E-07	1.1E-04	1.3E-07	1.6E-06	9.9E-06	9.6E-08	5.6E-07	2.5E-04	1.7E-07	3.8E-06
o-Cresol	PB	3.1E-03	1.0E-02	3.4E-05	9.4E-08	1.5E-06	2.1E-04	3.0E-07	3.4E-06	2.6E-04	1.8E-06	1.6E-05	4.2E-03	5.1E-06	6.1E-05	3.0E-04	2.9E-06	1.7E-05	9.8E-03	6.5E-06	1.5E-04
p-Chlorotoluene	PB	1.3E-04	5.1E-05	1.4E-06	3.8E-09	6.1E-08	1.1E-06	1.5E-09	1.7E-08	1.1E-05	7.2E-08	6.6E-07	2.1E-05	2.6E-08	3.1E-07	1.2E-05	1.2E-07	7.0E-07	5.0E-05	3.3E-08	7.4E-07
Phenol	PB	2.0E-02	5.3E-02	2.2E-04	6.0E-07	9.6E-06	1.1E-03	1.6E-06	1.8E-05	1.7E-03	1.1E-05	1.0E-04	2.2E-02	2.7E-05	3.2E-04	1.9E-03	1.9E-05	1.1E-04	5.2E-02	3.4E-05	7.7E-04
Phosphorus, White	PP	5.0E-03	2.9E-03	5.4E-05	0.0E+00	9.1E-07	6.0E-05	0.0E+00	3.5E-07	4.2E-04	1.0E-07	5.9E-06	1.2E-03	5.8E-08	6.5E-06	4.6E-04	2.0E-07	7.2E-06	2.8E-03	8.7E-08	1.6E-05
Propionaldehyde	PB	2.3E-02	2.2E-02	2.5E-04	6.8E-07	1.1E-05	4.5E-04	6.5E-07	7.4E-06	1.9E-03	1.3E-05	1.2E-04	9.1E-03	1.1E-05	1.3E-04	2.2E-03	2.1E-05	1.2E-04	2.1E-02	1.4E-05	3.2E-04
Propyl benzene	G	1.8E-03	1.0E-03	1.9E-05	NA	NA	2.2E-05	NA	NA	1.5E-04	NA	NA	4.4E-04	NA	NA	1.7E-04	NA	NA	1.0E-03	NA	NA
Pyridine	PB	1.8E-03	5.0E-03	2.0E-05	5.4E-08	8.7E-07	1.1E-04	1.5E-07	1.7E-06	1.5E-04	1.0E-06	9.4E-06	2.1E-03	2.6E-06	3.1E-05	1.7E-04	1.7E-06	1.0E-05	4.9E-03	3.3E-06	7.4E-05
sec-Butylbenzene	PB	3.2E-04	1.3E-04	3.5E-06	9.6E-09	1.5E-07	2.8E-06	4.0E-09	4.5E-08	2.7E-05	1.8E-07	1.7E-06	5.6E-05	6.8E-08	8.1E-07	3.1E-05	3.0E-07	1.8E-06	1.3E-04	8.6E-08	1.9E-06
tert-Butylbenzene	PB	1.9E-02	0.0E+00	2.0E-04	5.6E-07	8.9E-06	0.0E+00	0.0E+00	0.0E+00	1.5E-03	1.1E-05	9.7E-05	0.0E+00	0.0E+00	0.0E+00	1.8E-03	1.7E-05	1.0E-04	0.0E+00	0.0E+00	0.0E+00
trans-1,3-Dichloropropene	PB	1.7E-05	0.0E+00	1.9E-07	5.1E-10	8.2E-09	0.0E+00	0.0E+00	0.0E+00	1.4E-06	9.8E-09	8.9E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-06	1.6E-08	9.4E-08	0.0E+00	0.0E+00	0.0E+00
Trichlorofluoromethane	PB	3.5E-05	0.0E+00	3.9E-07	1.1E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-06	2.0E-08	1.8E-07	0.0E+00	0.0E+00	0.0E+00	3.4E-06	3.3E-08	1.9E-07	0.0E+00	0.0E+00	0.0E+00
<i>Volatile Organic Compounds</i>																					
1,1,1-Trichloroethane	G	1.6E-05	2.0E-05	1.7E-07	NA	NA	4.1E-07	NA	NA	1.3E-06	NA	NA	8.1E-06	NA	NA	1.5E-06	NA	NA	1.9E-05	NA	NA
1,1-Dichloroethylene	G	1.1E-05	0.0E+00	1.1E-07	NA	NA	0.0E+00	NA	NA	8.8E-07	NA	NA	0.0E+00	NA	NA	1.0E-06	NA	NA	0.0E+00	NA	NA
1,2-cis-Dichloroethylene	G	1.6E-03	0.0E+00	1.7E-05	NA	NA	0.0E+00	NA	NA	1.3E-04	NA	NA	0.0E+00	NA	NA	1.5E-04	NA	NA	0.0E+00	NA	NA
1,2-Dichloroethane	G	3.2E-04	4.1E-04	3.5E-06	NA	NA	8.6E-06	NA	NA	2.7E-05	NA	NA	1.7E-04	NA	NA	3.1E-05	NA	NA	4.0E-04	NA	NA
1,2-trans-Dichloroethylene	G	3.4E-02	0.0E+00	3.7E-04	NA	NA	0.0E+00	NA	NA	2.9E-03	NA	NA	0.0E+00	NA	NA	3.3E-03	NA	NA	0.0E+00	NA	NA
1,4-Dichlorobenzene	G	2.6E-05	3.0E-04	2.8E-07	NA	NA	6.4E-06	NA	NA	2.2E-06	NA	NA	1.3E-04	NA	NA	2.5E-06	NA	NA	2.9E-04	NA	NA
2-Hexanone	G	9.3E-04	9.3E-04	1.0E-05	NA	NA	2.0E-05	NA	NA	7.8E-05	NA	NA	3.9E-04	NA	NA	9.0E-05	NA	NA	9.0E-04	NA	NA
Benzene	G	8.6E-02	1.4E-01	9.2E-04	NA	NA	2.9E-03	NA	NA	7.1E-03	NA	NA	5.7E-02	NA	NA	8.2E-03	NA	NA	1.3E-01	NA	NA
Bromodichloromethane	G	3.9E-05	0.0E+00	4.2E-07	NA	NA	0.0E+00	NA	NA	3.2E-06	NA	NA	0.0E+00	NA	NA	3.7E-06	NA	NA	0.0E+00	NA	NA
Bromomethane	G	8.7E-04	3.5E-04	9.4E-06	NA	NA	7.3E-06	NA	NA	7.3E-05	NA	NA	1.4E-04	NA	NA	8.4E-05	NA	NA	3.4E-04	NA	NA
Carbon dioxide	G	2.1E-01	1.9E-01	2.3E-03	NA	NA	3.9E-03	NA	NA	1.8E-02	NA	NA	7.7E-02	NA	NA	2.0E-02	NA	NA	1.8E-01	NA	NA

Table 2-9: Maximum Deposition Rates and Air Concentrations by MPOI

Chemical	Class	Emission Rate (g/sec)		MPOI Inside of Camp Justice						Residential MPOI Outside of Camp Justice						Commercial/Industrial & Mixed Use MPOI Outside of Camp Justice					
				Day			Night			Day			Night			Day			Night		
		Day	Night	Air Concentration (ug/m ³)	Wet Deposition (g/m ² -yr)	Dry Deposition (g/m ² -yr)	Air Concentration (ug/m ³)	Wet Deposition (g/m ² -yr)	Dry Deposition (g/m ² -yr)	Air Concentration (ug/m ³)	Wet Deposition (g/m ² -yr)	Dry Deposition (g/m ² -yr)	Air Concentration (ug/m ³)	Wet Deposition (g/m ² -yr)	Dry Deposition (g/m ² -yr)	Air Concentration (ug/m ³)	Wet Deposition (g/m ² -yr)	Dry Deposition (g/m ² -yr)	Air Concentration (ug/m ³)	Wet Deposition (g/m ² -yr)	Dry Deposition (g/m ² -yr)
					PP & PB	PP & PB		PP & PB	PP & PB		PP & PB	PP & PB		PP & PB	PP & PB		PP & PB	PP & PB		PP & PB	PP & PB
Carbon Disulfide	G	8.0E-04	2.9E-04	8.6E-06	NA	NA	6.0E-06	NA	NA	6.7E-05	NA	NA	1.2E-04	NA	NA	7.7E-05	NA	NA	2.8E-04	NA	NA
Carbon Tetrachloride	G	8.9E-05	0.0E+00	9.5E-07	NA	NA	0.0E+00	NA	NA	7.4E-06	NA	NA	0.0E+00	NA	NA	8.5E-06	NA	NA	0.0E+00	NA	NA
Chlorobenzene	G	7.1E-04	6.4E-04	7.7E-06	NA	NA	1.3E-05	NA	NA	5.9E-05	NA	NA	2.7E-04	NA	NA	6.8E-05	NA	NA	6.2E-04	NA	NA
Chloroform	G	7.5E-04	2.4E-05	8.1E-06	NA	NA	5.0E-07	NA	NA	6.3E-05	NA	NA	9.9E-06	NA	NA	7.2E-05	NA	NA	2.3E-05	NA	NA
Chloromethane	G	7.0E-03	2.9E-03	7.6E-05	NA	NA	6.0E-05	NA	NA	5.8E-04	NA	NA	1.2E-03	NA	NA	6.7E-04	NA	NA	2.8E-03	NA	NA
Dibromochloromethane	G	9.6E-04	0.0E+00	1.0E-05	NA	NA	0.0E+00	NA	NA	8.0E-05	NA	NA	0.0E+00	NA	NA	9.2E-05	NA	NA	0.0E+00	NA	NA
Ethyl Chloride	G	1.5E-03	1.2E-03	1.6E-05	NA	NA	2.4E-05	NA	NA	1.2E-04	NA	NA	4.8E-04	NA	NA	1.4E-04	NA	NA	1.1E-03	NA	NA
Ethylbenzene	G	2.3E-02	2.9E-02	2.5E-04	NA	NA	6.1E-04	NA	NA	1.9E-03	NA	NA	1.2E-02	NA	NA	2.2E-03	NA	NA	2.8E-02	NA	NA
m&p-Xylene	G	6.4E-03	4.3E-03	6.9E-05	NA	NA	9.1E-05	NA	NA	5.3E-04	NA	NA	1.8E-03	NA	NA	6.1E-04	NA	NA	4.2E-03	NA	NA
Methyl Ethyl Ketone	G	3.0E-03	5.4E-03	3.3E-05	NA	NA	1.1E-04	NA	NA	2.5E-04	NA	NA	2.2E-03	NA	NA	2.9E-04	NA	NA	5.2E-03	NA	NA
Methylene Chloride	G	2.4E-03	2.5E-03	2.6E-05	NA	NA	5.3E-05	NA	NA	2.0E-04	NA	NA	1.1E-03	NA	NA	2.3E-04	NA	NA	2.5E-03	NA	NA
o-Xylene	G	4.2E-03	2.6E-03	4.5E-05	NA	NA	5.5E-05	NA	NA	3.5E-04	NA	NA	1.1E-03	NA	NA	4.0E-04	NA	NA	2.5E-03	NA	NA
p-Isopropyltoluene	G	1.2E-03	1.7E-04	1.3E-05	NA	NA	3.7E-06	NA	NA	1.0E-04	NA	NA	7.3E-05	NA	NA	1.2E-04	NA	NA	1.7E-04	NA	NA
Styrene	G	6.9E-02	7.1E-02	7.5E-04	NA	NA	1.5E-03	NA	NA	5.8E-03	NA	NA	3.0E-02	NA	NA	6.6E-03	NA	NA	6.9E-02	NA	NA
Tetrachloroethylene	G	1.9E-05	1.5E-05	2.1E-07	NA	NA	3.2E-07	NA	NA	1.6E-06	NA	NA	6.4E-06	NA	NA	1.8E-06	NA	NA	1.5E-05	NA	NA
Toluene	G	3.0E-02	5.0E-02	3.3E-04	NA	NA	1.1E-03	NA	NA	2.5E-03	NA	NA	2.1E-02	NA	NA	2.9E-03	NA	NA	4.9E-02	NA	NA
Total Xylenes	G	1.1E-02	7.0E-03	1.1E-04	NA	NA	1.5E-04	NA	NA	8.8E-04	NA	NA	2.9E-03	NA	NA	1.0E-03	NA	NA	6.7E-03	NA	NA
Trichloroethylene	G	2.9E-06	0.0E+00	3.2E-08	NA	NA	0.0E+00	NA	NA	2.5E-07	NA	NA	0.0E+00	NA	NA	2.8E-07	NA	NA	0.0E+00	NA	NA
Vinyl Chloride	G	1.5E-03	2.4E-04	1.7E-05	NA	NA	5.0E-06	NA	NA	1.3E-04	NA	NA	9.9E-05	NA	NA	1.5E-04	NA	NA	2.3E-04	NA	NA

Notes

G: Gas
 PB: Particle-bound
 PP: Particle-phase

Table 3-1: Summary of the Conceptual Site Model

Primary Sources	Transport	Exposure Medium	Exposure Route	Exposure Scenarios (Current and Future Land Use)									
				Inside Camp Justice Receptors and Pathways				Outside Camp Justice Receptors and Pathways				Combination Inside/Outside Camp Justice Receptors and Pathways	
				Active Duty Military or Commercial/Industrial			Commercial/Industrial	Families of Active Duty Military or Commercial/Industrial		Active Duty Military or Commercial/Industrial	Commercial/Industrial	Active Duty Military or Commercial/Industrial	Commercial/Industrial
				9-month Adult Resident/Worker ¹	9-month, 3 & 6-year Adult Resident/Worker ²	9-month, 3 & 6-year Adult Worker ³	25-year Adult Worker ³	3 & 6-year Child Resident ⁴	9-month, 3, 6 & 25-year Adult Resident ⁴	9-month, 3 & 6-year Adult Worker ⁵	25-year Adult Worker ⁵	9-month, 3 & 6-year Adult Resident/Worker ⁶	25-year Adult Resident/Worker ⁶
Building Materials	Volatilization	Air/vapors/particulates	Inhalation	X	X	X	X	-	-	-	-	X	X
Soil Releases		Soil	Ingestion	X	X	X	X	-	-	-	-	X	X
		Soil	Dermal	X	X	X	X	-	-	-	-	X	X
	Volatilization	Air/vapors	Inhalation	X	X	X	X	-	-	-	-	X	X
	Wind	Air/particulate	Inhalation	X	X	X	X	-	-	-	-	X	X
Tap Water ⁷		Drinking Water	Ingestion	X	X	X	X	-	-	-	-	X	X
		Drinking Water	Dermal	X	X	X	X	-	-	-	-	X	X
	Volatilization	Drinking Water	Inhalation	X	X	X	X	-	-	-	-	X	X
ACIs	Deposition	Soil	Ingestion	X	X	X	X	X	X	X	X	X	X
	Deposition	Soil	Dermal	X	X	X	X	X	X	X	X	X	X
	Volatilization	Air/vapors/particulates	Inhalation	X	X	X	X	X	X	X	X	X	X
	Wind	Air/particulate	Inhalation	X	X	X	X	X	X	X	X	X	X
	Erosion	Fish/shellfish	Ingestion	X	X	-	-	X	X	-	-	X	X

Notes:

-: Not a complete exposure pathway. This pathway was not evaluated for the receptor indicated.

X: Complete exposure pathway. This pathway was evaluated for the receptor indicated.

¹ Inside Camp Justice Adult Resident/Worker – lives and works inside Camp Justice in tents at EU-7.

² Inside Camp Justice Adult Resident/Worker – lives in EU-1, EU-2, or EU-7 and works inside Camp Justice in buildings at EU-3, EU-4, EU-5, EU-6, or EU-8.

³ Inside Camp Justice Adult Worker – works inside Camp Justice in buildings at EU-3, EU-4, EU-5, EU-6, or EU-8 and lives outside Camp Justice in an area not impacted by emissions from the ACIs.

⁴ Outside Camp Justice Adult & Child Resident – lives at the MPOI residential location outside Camp Justice.

⁵ Outside Camp Justice Adult Worker – works at the MPOI commercial/industrial location outside Camp Justice and lives in an area not impacted by emissions from the ACIs.

⁶ Combination Inside Camp Justice Worker/Outside Camp Justice Adult Resident – works inside Camp Justice in buildings at EU-3, EU-4, EU-5, EU-6, or EU-8 and lives outside Camp Justice at the MPOI residential location.

⁷ Tap water was eliminated from further evaluation in the HHRA because concentrations were below MCLs at all but one location, which was in a portable men's latrine (see Appendix B).

Table 3-2: Inhalation of Vapors and Particulates Exposure Parameters – Receptors Inside Camp Justice

$\text{Inhalation Exposure Concentration for Air } \left(\frac{\text{ug}}{\text{m}^3}\right) : \frac{C_a \times EF \times ED \times ET}{AT \times 24 \frac{\text{hours}}{\text{day}}}$								
$\text{Inhalation Exposure Concentration for Soil } \left(\frac{\text{ug}}{\text{m}^3}\right) : \frac{C_s \times \left(\frac{1}{\sqrt{VF \text{ or } PEF}}\right) \times EF \times ED \times ET}{AT \times 24 \frac{\text{hours}}{\text{day}}}$								
Exposure Parameter ¹	Definition	Units	Exposure Scenario					
			Inside of Camp Justice					
			Active Duty Military/Commercial/Industrial					Commercial/Industrial
			9-Month Adult Resident/Worker ³	3-Year Adult Resident/Worker ⁴	6-Year Adult Resident/Worker ⁴	3-Year Adult Worker ⁵	6-Year Adult Worker ⁵	25-Year Adult Worker ⁵
AT _c	Averaging time – Carcinogenic (lifetime)	days	25,550					
AT _{nc}	Averaging time – Noncarcinogenic	days	270	1,095	2,190	1,095	2,190	9,125
C _a	COPC concentration in air ²	ug/m ³	COPC-specific					
C _s	Soil EPC ²	ug/kg	COPC-specific					
ED	Exposure duration	year	1	3	6	3	6	25
EF	Exposure frequency	days/year	270	250 days/year at work 350 days/year at home		250		
ET	Exposure time	hours/day	24	8 hours/day at work 16 hours/day at home during the work week 24 hours/day at home during the weekends		8		
PEF	Particulate emission factor	m ³ /kg	1.4E+09					
VF	Volatilization factor	m ³ /kg	COPC-specific ⁶					

Notes:

¹ Exposure parameters were obtained from the USEPA's RSL table (USEPA 2016a) and were adjusted, as necessary, to reflect site-specific exposures.

² Air COPC concentrations and soil EPCs were calculated as described in Section 3.

³ Inside Camp Justice Adult Resident/Worker – lives and works inside Camp Justice in tents at EU-7.

⁴ Inside Camp Justice Adult Resident/Worker – lives in EU-1, EU-2, or EU-7 and works inside Camp Justice in buildings at EU-3, EU-4, EU-5, EU-6, or EU-8.

⁵ Inside Camp Justice Adult Worker – works inside Camp Justice in buildings at EU-3, EU-4, EU-5, EU-6, or EU-8 and lives outside Camp Justice in an area not impacted by emissions from the ACIs.

⁶ The VF for soil to outdoor air is a COPC-specific factor which is presented in Appendix G, Table G-24.

Table 3-3: Inhalation of Vapors and Particulates Exposure Parameters – Receptors Outside Camp Justice

$\text{Inhalation Exposure Concentration for Air } \left(\frac{\text{ug}}{\text{m}^3}\right) : \frac{C_a \times EF \times ED \times ET}{AT \times 24 \frac{\text{hours}}{\text{day}}}$								
$\text{Inhalation Exposure Concentration for Soil } \left(\frac{\text{ug}}{\text{m}^3}\right) : \frac{C_s \times \left(\frac{1}{\sqrt{VF \text{ or } PEF}}\right) \times EF \times ED \times ET}{AT \times 24 \frac{\text{hours}}{\text{day}}}$								
Exposure Parameter ¹	Definition	Units	Exposure Scenario					
			Outside of Camp Justice					
			Families of Active Duty Military or Commercial/Industrial			Active Duty Military/ Commercial/Industrial		Commercial/ Industrial
			3-Year Adult & Child Resident ³	6-Year Adult & Child Resident ³	25-Year Adult Resident ³	3-Year Adult Worker ⁴	6-Year Adult Worker ⁴	25-Year Adult Worker ⁴
AT _c	Averaging time – Carcinogenic (lifetime)	days	25,550					
AT _{nc}	Averaging time – Noncarcinogenic	days	1,095	2,190	9,125	1,095	2,190	9,125
C _a	COPC concentration in air ²	ug/m ³	COPC-specific					
C _s	Soil EPC ²	ug/kg	COPC-specific					
ED	Exposure duration	year	3	6	25	3	6	25
EF	Exposure frequency	days/year	350			250		
ET	Exposure time	hours/day	24			8		
PEF	Particulate emission factor	m ³ /kg	1.4E+09					
VF	Volatilization factor	m ³ /kg	COPC-specific ⁵					

Notes:
¹ Exposure parameters were obtained from the USEPA's RSL table (USEPA 2016a) and were adjusted, as necessary, to reflect site-specific exposures.

² Air COPC concentrations and soil EPCs were calculated as described in Section 3.

³ Outside Camp Justice Adult & Child Resident – lives at the MPOI residential location outside Camp Justice.

⁴ Outside Camp Justice Adult Worker – works at the MPOI commercial/industrial location outside Camp Justice and lives in an area not impacted by emissions from the ACIs.

⁵ The VF for soil to outdoor air is a COPC-specific factor which is presented in Appendix G, Table G-24.

Table 3-4: Inhalation of Vapors & Particulates Exposure Parameters – Receptors Who Live Outside Camp Justice and Work Inside Camp Justice

$\text{Inhalation Exposure Concentration for Air } \left(\frac{\mu\text{g}}{\text{m}^3}\right) : \frac{C_a \times EF \times ED \times ET}{AT \times 24 \frac{\text{hours}}{\text{day}}}$ $\text{Inhalation Exposure Concentration for Soil } \left(\frac{\mu\text{g}}{\text{m}^3}\right) : \frac{C_s \times \left(\frac{1}{VF \text{ or } PEF}\right) \times EF \times ED \times ET}{AT \times 24 \frac{\text{hours}}{\text{day}}}$					
Exposure Parameter ¹	Definition	Units	Exposure Scenario		
			Combination Inside/Outside Camp Justice		
			Active Duty Military/ Commercial/Industrial		Commercial/Industrial
			3-Year Resident/Worker ³	6-Year Resident/Worker ³	25-Year Resident/Worker ³
AT _c	Averaging time – Carcinogenic (lifetime)	days	25,550		
AT _{nc}	Averaging time – Noncarcinogenic	days	1,095	2,190	9,125
C _a	COPC concentration in air ²	ug/m ³	COPC-specific		
C _s	Soil EPC ²	ug/kg	COPC-specific		
ED	Exposure duration	year	3	6	25
EF	Exposure frequency	days/year	250 days/year at work 350 days/year at home		
ET	Exposure time	hours/day	8 hours/day at work 16 hours/day at home during the work week 24 hours/day at home during the weekends		
PEF	Particulate emission factor	m ³ /kg	1.4E+09		
VF	Volatilization factor	m ³ /kg	COPC-specific ⁴		

Notes:

¹ Exposure parameters were obtained from the USEPA's RSL table (USEPA 2016a) and were adjusted, as necessary, to reflect site-specific exposures.

² Air COPC concentrations and soil EPCs were calculated as described in Section 3.

³ Combination Inside Camp Justice Worker/Outside Camp Justice Adult Resident – works inside Camp Justice in buildings at EU-3, EU-4, EU-5, EU-6, or EU-8 and lives outside Camp Justice at the MPOI residential location.

⁴The VF for soil to outdoor air is a COPC-specific factor that is presented in Appendix G, Table G-24.

Table 3-5: Incidental Soil Ingestion Exposure Parameters – Receptors Inside Camp Justice

$\text{Incidental Soil Ingestion Dose} \left(\frac{\text{mg}}{\text{kg} - \text{day}} \right) = \frac{C_s \times EF \times ED \times IRS \times RBA \times 10^{-6} \frac{\text{kg}}{\text{mg}}}{AT \times BW}$								
Exposure Parameter ¹	Definition	Units	Exposure Scenario					
			Inside of Camp Justice					
			Active Duty Military/Commercial/Industrial				Commercial/Industrial	
			9-Month Adult Resident/Worker ³	3-Year Adult Resident-Worker ⁴	6-Year Adult Resident-Worker ⁴	3-Year Adult Worker ⁵	6-Year Adult Worker ⁵	25-Year Adult Worker ⁵
AT _c	Averaging time – Carcinogenic (lifetime)	days	25,550					
AT _{nc}	Averaging time – Noncarcinogenic	days	270	1,095	2,190	1,095	2,190	9,125
BW	Body Weight	kg	80					
C _s	Soil EPC ²	mg/kg	COPC-specific					
ED	Exposure duration	year	1	3	6	3	6	25
EF	Exposure frequency	days/year	270	250 days/year at work 350 days/year at home		250		
IRS	Soil ingestion rate	mg/day	50 mg/day at work 100 mg/day at home			50		
RBA ⁶	Relative Bioavailability Factor	unitless	0.6 for Arsenic and 1 for all other chemicals.					

Notes:

¹ Exposure parameters were obtained from the USEPA's RSL table (USEPA 2016a) and were adjusted, as necessary, to reflect site-specific exposures.

² EPCs were calculated as described in Section 3.

³ Inside Camp Justice Adult Resident/Worker – lives and works inside Camp Justice in tents at EU-7.

⁴ Inside Camp Justice Adult Resident/Worker – lives in EU-1, EU-2, or EU-7 and works inside Camp Justice in buildings at EU-3, EU-4, EU-5, EU-6, or EU-8.

⁵ Inside Camp Justice Adult Worker – works inside Camp Justice in buildings at EU-3, EU-4, EU-5, EU-6, or EU-8 and lives outside Camp Justice in an area not impacted by emissions from the ACIs.

⁶ The relative bioavailability factor (RBA) is applied when evaluating exposures to carcinogens only. Per USEPA guidance, arsenic exposures associated with incidental soil ingestion were calculated using an RBA of 0.6 (USEPA 2016a). This factor accounts for the difference in absorption of arsenic from soil compared to drinking water, on which the arsenic toxicity values are based.

Table 3-6: Incidental Soil Ingestion Exposure Parameters – Receptors Outside Camp Justice

$\text{Incidental Soil Ingestion Dose} \left(\frac{\text{mg}}{\text{kg} - \text{day}} \right) = \frac{C_s \times EF \times ED \times IRS \times RBA \times 10^{-6} \frac{\text{kg}}{\text{mg}}}{AT \times BW}$										
Exposure Parameter ¹	Definition	Units	Exposure Scenario							
			Outside of Camp Justice							
			Families of Active Duty Military or Commercial/Industrial				Active Duty Military/ Commercial/Industrial		Commercial/ Industrial	
			Adult	Child	Adult	Child	25-Year Adult Resident ³	3-Year Adult Worker ⁴	6-Year Adult Worker ⁴	25-Year Adult Worker ⁴
			3-Year Resident ³		6-Year Resident ³					
AT _c	Averaging time – Carcinogenic (lifetime)	days	25,550							
AT _{nc}	Averaging time – Noncarcinogenic	days	1,095		2,190		9,125	1,095	2,190	9,125
BW	Body Weight	kg	80	15	80	15	80			
C _s	Soil EPC ²	mg/kg	COPC-specific							
ED	Exposure duration	year	3		6		25	3	6	25
EF	Exposure frequency	days/year	350				250			
IRS	Soil ingestion rate	mg/day	100	200	100	200	100	50		
RBA ⁵	Relative Bioavailability Factor	unitless	0.6 for Arsenic and 1 for all other chemicals.							

Notes:
¹ Exposure parameters were obtained from the USEPA's RSL table (USEPA 2016a) and were adjusted, as necessary, to reflect site-specific exposures.

² EPCs were calculated as described in Section 3.

³ Outside Camp Justice Adult & Child Resident – lives at the MPOI residential location outside Camp Justice.

⁴ Outside Camp Justice Adult Worker – works at the MPOI commercial/industrial location outside Camp Justice and lives in an area not impacted by emissions from the ACIs.

⁵ The RBA is applied when evaluating exposures to carcinogens only. Per USEPA guidance, arsenic exposures associated with incidental soil ingestion were calculated using an RBA of 0.6 (USEPA 2016a). This factor accounts for the difference in absorption of arsenic from soil compared to drinking water, on which the arsenic toxicity values are based.

Table 3-7: Incidental Soil Ingestion Exposure Parameters – Receptors Who Live Outside Camp Justice and Work Inside Camp Justice

$\text{Incidental Soil Ingestion Dose} \left(\frac{\text{mg}}{\text{kg} - \text{day}} \right) = \frac{C_s \times EF \times ED \times IRS \times RBA \times 10^{-6} \frac{\text{kg}}{\text{mg}}}{AT \times BW}$					
Exposure Parameter ¹	Definition	Units	Exposure Scenario		
			Combination Inside/Outside Camp Justice		
			Active Duty Military/ Commercial/Industrial		Commercial/ Industrial
			3-Year Resident/Worker ³	6-Year Resident/Worker ³	25-Year Resident/Worker ³
AT _c	Averaging time – Carcinogenic (lifetime)	days	25,550		
AT _{nc}	Averaging time – Noncarcinogenic	days	1,095	2,190	9,125
BW	Body Weight	kg	80	80	80
C _s	Soil EPC ²	mg/kg	COPC-specific		
ED	Exposure duration	year	3	6	25
EF	Exposure frequency	days/year	250 days/year at work 350 days/year at home		
IRS	Soil ingestion rate	mg/day	50 mg/day at work 100 mg/day at home		
RBA ⁴	Relative Bioavailability Factor	unitless	0.6 for Arsenic and 1 for all other chemicals.		

Notes:

¹ Exposure parameters were obtained from the USEPA's RSL table (USEPA 2016a) and were adjusted, as necessary, to reflect site-specific exposures.

² EPCs were calculated as described in Section 3.

³ Combination Inside Camp Justice Worker/Outside Camp Justice Adult Resident – works inside Camp Justice in buildings at EU-3, EU-4, EU-5, EU-6, or EU-8 and lives outside Camp Justice at the MPOI residential location.

⁴ The RBA is applied when evaluating exposures to carcinogens only. Per USEPA guidance, arsenic exposures associated with incidental soil ingestion were calculated using an RBA of 0.6 (USEPA 2016a). This factor accounts for the difference in absorption of arsenic from soil compared to drinking water, on which the arsenic toxicity values are based.

Table 3-8: Dermal Contact with Soil Exposure Parameters – Receptors Inside Camp Justice

$\text{Dermal Contact with Soil Dose} \left(\frac{\text{mg}}{\text{kg} - \text{day}} \right) = \frac{C_s \times EF \times ED \times SA \times AF \times ABS_d \times 10^{-6} \frac{\text{kg}}{\text{mg}}}{AT \times BW}$								
Exposure Parameter ¹	Definition	Units	Exposure Scenario					
			Inside of Camp Justice					
			Active Duty Military/Commercial/Industrial					Commercial/Industrial
			9-Month Adult Resident/Worker ³	3-Year Adult Resident/Worker ⁴	6-Year Adult Resident/Worker ⁴	3-Year Adult Worker ⁵	6-Year Adult Worker ⁵	25-Year Adult Worker ⁵
ABS _d	Fraction absorbed dermally from soil	unitless	COPC-specific ⁶					
AF	Soil to Skin Adherence factor	mg/cm ²	0.12	0.12 mg/cm ² at work 0.07 mg/cm ² at home		0.12		
AT _c	Averaging time – Carcinogenic (lifetime)	days	25,550					
AT _{nc}	Averaging time – Noncarcinogenic	days	270	1,095	2,190	1,095	2,190	9,125
BW	Body weight	kg	80					
C _s	Soil EPC ²	mg/kg	COPC-specific					
ED	Exposure duration	year	1	3	6	3	6	25
EF	Exposure frequency	days/year	270	250 days/year at work 350 days/year at home		250		
SA	Skin Surface Area Exposed	cm ²	3,527	3,527 cm ² at work 6,032 cm ² at home		3,527		

Notes:
¹ Exposure parameters were obtained from the USEPA's RSL table (USEPA 2016a) and were adjusted, as necessary, to reflect site-specific exposures.

² EPCs were calculated as described in Section 3.

³ Inside Camp Justice Adult Resident/Worker – lives and works inside Camp Justice in tents at EU-7.

⁴ Inside Camp Justice Adult Resident/Worker – lives in EU-1, EU-2, or EU-7 and works inside Camp Justice in buildings at EU-3, EU-4, EU-5, EU-6, or EU-8.

⁵ Inside Camp Justice Adult Worker – works inside Camp Justice in buildings at EU-3, EU-4, EU-5, EU-6, or EU-8 and lives outside Camp Justice in an area not impacted by emissions from the ACIs.

⁶ The fraction absorbed dermally from soil (ABS_d) is a COPC-specific factor which is presented in Appendix G, Table G-24.

Table 3-9: Dermal Contact with Soil Exposure Parameters – Receptors Outside Camp Justice

$\text{Dermal Contact with Soil Dose} \left(\frac{\text{mg}}{\text{kg} - \text{day}} \right) = \frac{C_s \times EF \times ED \times SA \times AF \times ABS_d \times 10^{-6} \frac{\text{kg}}{\text{mg}}}{AT \times BW}$										
Exposure Parameter ¹	Definition	Units	Exposure Scenario							
			Outside of Camp Justice							
			Families of Active Duty Military or Commercial/Industrial				Active Duty Military/ Commercial/Industrial		Commercial/ Industrial	
			Adult	Child	Adult	Child	25-Year Adult Resident ³	3-Year Adult Worker ⁴	6-Year Adult Worker ⁴	25-Year Adult Worker ⁴
			3-Year Resident ³		6-Year Resident ³					
ABS _d	Fraction absorbed dermally from soil	unitless	COPC-specific ⁵							
AF	Soil to Skin Adherence factor	mg/cm ²	0.07	0.2	0.07	0.2	0.07	0.12		
AT _c	Averaging time – Carcinogenic (lifetime)	days	25,550							
AT _{nc}	Averaging time – Noncarcinogenic	days	1,095		2,190		9,125	1,095	2,190	9,125
BW	Body weight	kg	80	15	80	15	80			
C _s	Soil EPC ²	mg/kg	COPC-specific							
ED	Exposure duration	year	3		6		25	3	6	25
EF	Exposure frequency	days/year	350				250			
SA	Skin Surface Area Exposed	cm ²	6,032	2,373	6,032	2,373	6,032	3,527		

Notes:
¹ Exposure parameters were obtained from the USEPA's RSL table (USEPA 2016a) and were adjusted, as necessary, to reflect site-specific exposures.

² EPCs were calculated as described in Section 3.

³ Outside Camp Justice Adult & Child Resident – lives at the MPOI residential location outside Camp Justice.

⁴ Outside Camp Justice Adult Worker – works at the MPOI commercial/industrial location outside Camp Justice and lives in an area not impacted by emissions from the ACIs.

⁵ The fraction absorbed dermally from soil (ABS_d) is a COPC-specific factor that is presented in Appendix G, Table G-24.

Table 3-10: Dermal Contact with Soil Exposure Parameters – Receptors Who Live Outside Camp Justice and Work Inside Camp Justice

$\text{Dermal Contact with Soil Dose} \left(\frac{\text{mg}}{\text{kg} - \text{day}} \right) = \frac{C_s \times EF \times ED \times SA \times AF \times ABS_d \times 10^{-6} \frac{\text{kg}}{\text{mg}}}{AT \times BW}$					
Exposure Parameter ¹	Definition	Units	Exposure Scenario		
			Combination Inside/Outside Camp Justice		
			Active Duty Military/ Commercial/Industrial		Commercial/Industrial
			3-Year Adult Resident/Worker ³	6-Year Adult Resident/Worker ³	25-Year Adult Resident/Worker ³
ABS _d	Fraction absorbed dermally from soil	unitless	COPC-specific ⁴		
AF	Soil to Skin Adherence factor	mg/cm ²	0.12 mg/cm ² at work 0.07 mg/cm ² at home		
AT _c	Averaging time – Carcinogenic (lifetime)	days	25,550		
AT _{nc}	Averaging time – Noncarcinogenic	days	1,095	2,190	9,125
BW	Body weight	kg	80		
C _s	Soil EPC ²	mg/kg	COPC-specific		
ED	Exposure duration	year	3	6	25
EF	Exposure frequency	days/year	250 days/year at work 350 days/year at home		
SA	Skin Surface Area Exposed	cm ²	3,527 cm ² at work 6,032 cm ² at home		

Notes:

¹ Exposure parameters were obtained from the USEPA's RSL table (USEPA 2016a) and were adjusted, as necessary, to reflect site-specific exposures.

² EPCs were calculated as described in Section 3.

³ Combination Inside Camp Justice Worker/Outside Camp Justice Adult Resident – works inside Camp Justice in buildings at EU-3, EU-4, EU-5, EU-6, or EU-8 and lives outside Camp Justice at the MPOI residential location.

⁴ The fraction absorbed dermally from soil (ABS_d) is a COPC-specific factor that is presented in Appendix G, Table G-24.

Table 3-11: Ingestion of Fish Exposure Parameters – Receptors Inside Camp Justice

$\text{Ingestion of Fish Dose} \left(\frac{\text{mg}}{\text{kg} - \text{day}} \right) : \frac{C_f \times CR \times ED \times EF \times 10^{-3} \frac{\text{kg}}{\text{g}}}{AT \times BW}$						
Exposure Parameter ¹	Definition	Units	Exposure Scenarios			
			Inside Camp Justice			
			Active Duty Military/ Commercial/Industrial			Commercial/ Industrial
			9-Month Adult Resident/ Worker ³	3-Year Adult Resident/ Worker ⁴	6-Year Adult Resident/ Worker ⁴	25-Year Adult Worker ⁵
AT _c	Averaging time – Carcinogenic (lifetime)	days	25,550			--
AT _{nc}	Averaging time – Noncarcinogenic	days	270	1,095	2,190	--
BW	Body weight	kg	80			--
C _f	Fish Tissue EPC ²	mg/kg	COPC-specific			--
CR	Consumption Rate of Fish ^{6, 7}	g/day	34	34	34	--
ED	Exposure duration	year	1	3	6	--
EF	Exposure frequency	days/year	270	350		--

Notes:

-- indicates exposure pathway was not evaluated for this exposure scenario

¹ Exposure parameters were obtained from the USEPA's RSL table (USEPA 2016a) and were adjusted, as necessary, to reflect site-specific exposures.

² EPCs were calculated as described in Section 3.

³ Inside Camp Justice Adult Resident/Worker – lives and works inside Camp Justice in tents at EU-7.

⁴ Inside Camp Justice Adult Resident/Worker – lives in EU-1, EU-2, or EU-7 and works inside Camp Justice in buildings at EU-3, EU-4, EU-5, EU-6, or EU-8.

⁵ Inside Camp Justice Adult Worker – works inside Camp Justice in buildings at EU-3, EU-4, EU-5, EU-6, or EU-8 and lives outside Camp Justice in an area not impacted by emissions from the ACIs.

⁶ Ingestion of fish scenario only occurs when the Camp Justice Resident/Worker is at their residence.

⁷ See HHRA Section 3 for information about fish consumption rates. Fish consumption rates for adults are from Table E-54 from the USEPA's Fish Consumption in Connecticut, Florida, Minnesota, and North Dakota (Final Report; USEPA 2013).

Table 3-12: Ingestion of Fish Exposure Parameters – Receptors Outside Camp Justice

$\text{Ingestion of Fish Dose} \left(\frac{\text{mg}}{\text{kg} \cdot \text{day}} \right) = \frac{C_f \times CR \times ED \times EF \times 10^{-3} \frac{\text{kg}}{\text{g}}}{AT \times BW}$										
Exposure Parameter ¹	Definition	Units	Exposure Scenario							
			Outside Camp Justice							
			Families of Active Duty Military or Commercial/Industrial					Active Duty Military/ Commercial/Industrial		Commercial/ Industrial
			Adult	Child	Adult	Child	25-Year Adult Resident ³	3-Year Adult Worker ⁴	6-Year Adult Worker ⁴	25-Year Adult Worker ⁴
			3-Year Resident ³		6-Year Resident ³					
AT _c	Averaging time – Carcinogenic (lifetime)	days	25,550					--	--	--
AT _{nc}	Averaging time – Noncarcinogenic	days	1,095		2,190		9,125	--	--	--
BW	Body weight	kg	80	15	80	15	80	--	--	--
C _f	Fish Tissue EPC ²	mg/kg	COPC-specific					--	--	--
CR	Consumption Rate of Fish ⁵	g/day	34	8.4	34	8.4	34	--	--	--
ED	Exposure duration	year	3		6		25	--	--	--
EF	Exposure frequency	days/year	350					--	--	--

Notes:

-- indicates exposure pathway was not evaluated for this exposure scenario

¹ Exposure parameters were obtained from the USEPA's RSL table (USEPA 2016a) and were adjusted, as necessary, to reflect site-specific exposures.

² EPCs were calculated as described in Section 3.

³ Outside Camp Justice Adult & Child Resident – lives at the MPOI residential location outside Camp Justice.

⁴ Outside Camp Justice Adult Worker – works at a the MPOI commercial/industrial location outside Camp Justice and lives in an area not impacted by emissions from the ACIs.

⁵ See HHRA Section 3 for information about fish consumption rates. Fish consumption rates for the adult and child are from Table E-54 from the USEPA's Fish Consumption in Connecticut, Florida, Minnesota, and North Dakota (Final Report; USEPA 2013).

Table 3-13: Ingestion of Fish Exposure Parameters - Receptors Who Live Outside Camp Justice and Work Inside Camp Justice

$\text{Ingestion of Fish Dose} \left(\frac{\text{mg}}{\text{kg} \cdot \text{day}} \right) = \frac{C_f \times CR \times ED \times EF \times 10^{-3} \frac{\text{kg}}{\text{g}}}{AT \times BW}$					
Exposure Parameter ¹	Definition	Units	Exposure Scenario		
			Combination Inside/Outside Camp Justice		
			3-Year Resident/Worker ³	6-Year Resident/Worker ³	25-Year Resident/Worker ³
AT _c	Averaging time – Carcinogenic (lifetime)	days	25,550		
AT _{nc}	Averaging time – Noncarcinogenic	days	1,095	2,190	9,125
BW	Body weight	kg	80		
C _f	Fish Tissue EPC ²	mg/kg	COPC-specific		
CR	Consumption Rate of Fish ⁴	g/day	34		
ED	Exposure duration	year	3	6	25
EF	Exposure frequency	days/year	350		

Notes:

¹ Exposure parameters were obtained from the USEPA's RSL table (USEPA 2016a) and were adjusted, as necessary, to reflect site-specific exposures.

² EPCs were calculated as described in Section 3.

³ Combination Inside Camp Justice Worker/Outside Camp Justice Adult Resident – works inside Camp Justice in buildings at EU-3, EU-4, EU-5, EU-6, or EU-8 and lives outside Camp Justice at the MPOI residential location.

⁴ See HHRA Section 3 for information about fish consumption rates. Fish consumption rates for adults are from Table E-54 from the USEPA's Fish Consumption in Connecticut, Florida, Minnesota, and North Dakota (Final Report; USEPA 2013).

Table 4-1: Toxicity Values

Cas Number	Chemical	Class	GI Absorption Factor (unitless)	Oral Reference Dose (mg/kg-day)	Dermal Reference Dose (mg/kg-day)	Oral Slope Factor (kg-day/mg)	Dermal Slope Factor (kg-day/mg)	Inhalation Reference Concentration (mg/m ³)	Inhalation Unit Risk (ug/m ³) ⁻¹
7647-01-0	Hydrogen Chloride	Acid Gas	1.0					0.020	
75-07-0	Acetaldehyde	Aldehydes	1.0					0.0090	0.0000022
50-00-0	Formaldehyde	Aldehydes	1.0	0.20	0.20			0.0098	0.000013
123-38-6	Propionaldehyde	Aldehydes	1.0					0.0080	
630-08-0	Carbon monoxide	CO	1.0						
124-38-9	Carbon dioxide	CO ₂	1.0						
7446-09-5	Sulfur Dioxide	Criteria	1.0						
35822-46-9	1,2,3,4,6,7,8-HpCDD	DIOXINS	1.0			1,300	1,300		0.38
67562-39-4	1,2,3,4,6,7,8-HpCDF	DIOXINS	1.0			1,300	1,300		0.38
55673-89-7	1,2,3,4,7,8,9-HpCDF	DIOXINS	1.0			1,300	1,300		0.38
39227-28-6	1,2,3,4,7,8-HxCDD	DIOXINS	1.0			13,000	13,000		3.8
70648-26-9	1,2,3,4,7,8-HxCDF	DIOXINS	1.0			13,000	13,000		3.8
57117-44-9	1,2,3,6,7,8-HxCDD	DIOXINS	1.0			13,000	13,000		3.8
57653-85-7	1,2,3,6,7,8-HxCDF	DIOXINS	1.0			13,000	13,000		3.8
19408-74-3	1,2,3,7,8,9-HxCDD	DIOXINS	1.0			13,000	13,000		3.8
72918-21-9	1,2,3,7,8,9-HxCDF	DIOXINS	1.0			13,000	13,000		3.8
40321-76-4	1,2,3,7,8-PeCDD	DIOXINS	1.0			130,000	130,000		38
57117-41-6	1,2,3,7,8-PeCDF	DIOXINS	1.0			6,500	6,500		1.9
60851-34-5	2,3,4,6,7,8-HxCDF	DIOXINS	1.0			13,000	13,000		3.8
57117-31-4	2,3,4,7,8-PeCDF	DIOXINS	1.0			65,000	65,000		19
1746-01-6	2,3,7,8-TCDD	DIOXINS	1.0	7.0E-10	7.0E-10	130,000	130,000	0.00000040	38
51207-31-9	2,3,7,8-TCDF	DIOXINS	1.0			13,000	13,000		3.8
3268-87-9	OCDD	DIOXINS	1.0			13	13		0.0038
39001-02-0	OCDF	DIOXINS	1.0			13	13		0.0038
121-14-2	2,4-Dinitrotoluene	DNT	1.0	0.0020	0.0020	0.31	0.31		0.000089
606-20-2	2,6-Dinitrotoluene	DNT	1.0	0.00030	0.00030	1.5	1.5		
74-90-8	Hydrogen cyanide	HCN	1.0	0.00060	0.00060			0.00080	
7429-90-5	Aluminum	Metals	1.0	1.0	1.0			0.0050	

Table 4-1: Toxicity Values

Cas Number	Chemical	Class	GI Absorption Factor (unitless)	Oral Reference Dose (mg/kg-day)	Dermal Reference Dose (mg/kg-day)	Oral Slope Factor (kg-day/mg)	Dermal Slope Factor (kg-day/mg)	Inhalation Reference Concentration (mg/m ³)	Inhalation Unit Risk (ug/m ³) ⁻¹
7440-36-0	Antimony	Metals	0.15	0.00040	0.000060				
7440-38-2	Arsenic	Metals	1.0	0.00030	0.00030	1.5	1.5	0.000015	0.0043
7440-39-3	Barium	Metals	0.070	0.20	0.014			0.00050	
7440-41-7	Beryllium	Metals	0.0070	0.0020	0.000014			0.000020	0.0024
7440-43-9	Cadmium	Metals	1.0	0.001	0.001			0.00001	0.0018
7440-47-3	Chromium (as Cr ³⁺)	Metals	0.013	1.5	0.0195				
7440-48-4	Cobalt	Metals	1.0	0.00030	0.00030			0.0000060	0.0090
7440-50-8	Copper	Metals	1.0	0.040	0.040				
7439-89-6	Iron	Metals	1.0	0.70	0.70				
7439-92-1	Lead	Metals	1.0						
7439-96-5	Manganese	Metals	1.0						
7487-94-7	Mercury (+2)	Metals	0.070	0.00030	0.000021			0.00030	
7439-97-6	Mercury, elemental	Metals	1.0					0.00030	
22967-92-6	Methyl Mercury	Metals	1.0	0.00010	0.00010				
7440-02-0	Nickel	Metals	0.040	0.020	0.00080			0.000090	0.00026
7723-14-0	Phosphorus	Metals	1.0	0.000020	0.000020				
7782-49-2	Selenium	Metals	1.0	0.0050	0.0050			0.020	
7440-22-4	Silver	Metals	0.040	0.0050	0.00020				
7440-28-0	Thallium (Soluble Salts)	Metals	1.0	0.000010	0.000010				
7440-32-6	Titanium	Metals	1.0						
7440-66-6	Zinc	Metals	1.0	0.30	0.30				
PTC_000150	NOx (Oxides of Nitrogen)	NOx	1.0						
90-12-0	1-Methylnaphthalene	PAHs	1.0	0.070	0.070	0.029	0.029		
832-69-9	1-Methylphenanthrene	PAHs	1.0						
2245-38-7	2,3,5-Trimethylnaphthalene	PAHs	1.0						
581-42-0	2,6-Dimethylnaphthalene	PAHs	1.0						
91-57-6	2-Methylnaphthalene	PAHs	1.0	0.0040	0.0040				
208-96-8	Acenaphthylene	PAHs	1.0						

Table 4-1: Toxicity Values

Cas Number	Chemical	Class	GI Absorption Factor (unitless)	Oral Reference Dose (mg/kg-day)	Dermal Reference Dose (mg/kg-day)	Oral Slope Factor (kg-day/mg)	Dermal Slope Factor (kg-day/mg)	Inhalation Reference Concentration (mg/m ³)	Inhalation Unit Risk (ug/m ³) ⁻¹
83-32-9	Acenaphthene	PAHs	1.0	0.060	0.060				
120-12-7	Anthracene	PAHs	1.0	0.30	0.30				
56-55-3	Benzo(a)anthracene	PAHs	1.0			0.73	0.73		0.00011
50-32-8	Benzo(a)pyrene	PAHs	1.0			7.3	7.3		0.0011
205-99-2	Benzo(b)fluoranthene	PAHs	1.0			0.73	0.73		0.00011
192-97-2	Benzo(e)pyrene	PAHs	1.0						
191-24-2	Benzo(g,h,i)perylene	PAHs	1.0						
207-08-9	Benzo(k)fluoranthene	PAHs	1.0			0.073	0.073		0.00011
92-52-4	Biphenyl	PAHs	1.0	0.50	0.50	0.0080	0.0080	0.00040	
218-01-9	Chrysene	PAHs	1.0			0.0073	0.0073		0.000011
53-70-3	Dibenze(a,h)anthracene	PAHs	1.0			7.3	7.3		0.0012
206-44-0	Fluoranthene	PAHs	1.0	0.040	0.040				
86-73-7	Fluorene	PAHs	1.0	0.040	0.040				
193-39-5	Indeno(1,2,3-cd)pyrene	PAHs	1.0			0.73	0.73		0.00011
91-20-3	Napthalene	PAHs	1.0	0.020	0.020			0.0030	0.000034
198-55-0	Perylene	PAHs	1.0						
85-01-8	Phenanthrene	PAHs	1.0						
129-00-0	Pyrene	PAHs	1.0	0.030	0.030				
PTC_000064	Total Suspended Particulate	Particulate	1.0						
PTC_000062	PM<10	Particulate	1.0						
PTC_000063	PM<2.5	Particulate	1.0						
2050-68-2	Dichlorobiphenyl	PCBs	1.0	0.000070	0.000070	0.070	0.070		0.000020
28655-71-2	Heptachlorobiphenyl	PCBs	1.0	0.000020	0.000020	2.0	2.0	0.0013	0.00057
26601-64-9	Hexachlorobiphenyl	PCBs	1.0	0.000020	0.000020	2.0	2.0	0.0000013	0.00057
2051-60-7	Monochlorobiphenyl	PCBs	1.0	0.000070	0.000070	0.070	0.070		0.000020
53742-07-7	Nonachlorobiphenyl	PCBs	1.0	0.000020	0.000020	2.0	2.0		0.00057
55722-26-4	Octachlorobiphenyl	PCBs	1.0	0.000020	0.000020	2.0	2.0		0.00057
25429-29-2	Pentachlorobiphenyl	PCBs	1.0	0.000020	0.000020	2.0	2.0	0.00000040	0.00057

Table 4-1: Toxicity Values

Cas Number	Chemical	Class	GI Absorption Factor (unitless)	Oral Reference Dose (mg/kg-day)	Dermal Reference Dose (mg/kg-day)	Oral Slope Factor (kg-day/mg)	Dermal Slope Factor (kg-day/mg)	Inhalation Reference Concentration (mg/m ³)	Inhalation Unit Risk (ug/m ³) ⁻¹
26914-33-0	Tetrachlorobiphenyl	PCBs	1.0	0.000070	0.000070	0.070	0.070	0.00013	0.000020
25323-68-6	Trichlorobiphenyl	PCBs	1.0	0.000070	0.000070	0.070	0.070		0.000020
143-50-0	Chlordecone (Kepone)	Pesticides	1.0	0.00030	0.00030	10.0	10.0		0.0046
50-29-3	DDD	Pesticides	1.0	0.00050	0.00050	0.34	0.34		0.000097
72-55-9	DDE	Pesticides	1.0			0.34	0.34		0.000097
60-57-1	Dieldrin	Pesticides	1.0	0.000050	0.000050	16	16		0.0046
120-82-1	1,2,4-trichlorobenzene	SVOCs	1.0	0.010	0.010	0.029	0.029	0.0020	
95-50-1	1,2-dichlorobenzene	SVOCs	1.0	0.090	0.090			0.20	
106-99-0	1,3-Butadiene	SVOCs	1.0			3.4	3.4	0.0020	0.000030
541-73-1	1,3-dichlorobenzene	SVOCs	1.0						
106-46-7	1,4-dichlorobenzene	SVOCs	1.0	0.070	0.070	0.0054	0.0054	0.80	0.000011
123-91-1	1,4-Dioxane	SVOCs	1.0	0.030	0.030	0.10	0.10	0.030	0.0000050
105-67-9	2,4-Dimethylphenol	SVOCs	1.0	0.020	0.020				
95-57-8	2-Chlorophenol	SVOCs	1.0	0.0050	0.0050				
95-48-7	2-Methylphenol	SVOCs	1.0	0.050	0.050			0.60	
88-75-5	2-Nitrophenol	SVOCs	1.0						
PTC_000015	3-Methylphenol & 4-Methylphenol	SVOCs	1.0						
100-02-7	4-Nitrophenol	SVOCs	1.0						
98-86-2	Acetophenone	SVOCs	1.0	0.10	0.10				
65-85-0	Benzoic acid	SVOCs	1.0	4.0	4.0				
100-51-6	Benzyl alcohol	SVOCs	1.0	0.10	0.10				
117-81-7	bis(2-Ethylhexyl) phthalate	SVOCs	1.0	0.020	0.020	0.014	0.014		0.0000024
85-68-7	Butyl benzyl phthalate	SVOCs	1.0	0.20	0.20	0.0019	0.0019		
86-74-8	Carbazole	SVOCs	1.0						
132-64-9	Dibenzofuran	SVOCs	1.0	0.0010	0.0010				
131-11-3	Dimethyl phthalate	SVOCs	1.0						
84-74-2	Di-n-butyl phthalate	SVOCs	1.0	0.10	0.10				
117-84-0	Di-n-octyl phthalate	SVOCs	1.0	0.010	0.010				

Table 4-1: Toxicity Values

Cas Number	Chemical	Class	GI Absorption Factor (unitless)	Oral Reference Dose (mg/kg-day)	Dermal Reference Dose (mg/kg-day)	Oral Slope Factor (kg-day/mg)	Dermal Slope Factor (kg-day/mg)	Inhalation Reference Concentration (mg/m ³)	Inhalation Unit Risk (ug/m ³) ⁻¹
87-68-3	Hexachlorobutadiene	SVOCs	1.0	0.0010	0.0010	0.078	0.078		0.000022
67-63-0	Isopropanol	SVOCs	1.0	2.0	2.0			0.20	
106-47-8	p-Chloroaniline	SVOCs	1.0	0.0040	0.0040	0.20	0.20		
108-95-2	Phenol	SVOCs	1.0	0.30	0.30			0.20	
110-86-1	Pyridine	SVOCs	1.0	0.0010	0.0010				
7783-06-4	Hydrogen sulfide	TRS	1.0					0.0020	
PTC_000151	Total Reduced Sulfur	TRS	1.0						
630-20-6	1,1,1,2-Tetrachloroethane	VOCs	1.0	0.030	0.030	0.026	0.026		0.0000074
71-55-6	1,1,1-Trichloroethane	VOCs	1.0	2.0	2.0			5.0	
75-35-4	1,1-Dichloroethene	VOCs	1.0	0.050	0.050			0.20	
87-61-6	1,2,3-Trichlorobenzene	VOCs	1.0	0.00080	0.00080				
96-18-4	1,2,3-Trichloropropane	VOCs	1.0	0.0040	0.0040	30	30	0.00030	
95-63-6	1,2,4-Trimethylbenzene	VOCs	1.0					0.0070	
106-93-4	1,2-Dibromoethane	VOCs	1.0	0.0090	0.0090	2.0	2.0	0.0090	0.00060
107-06-2	1,2-Dichloroethane	VOCs	1.0	0.0060	0.0060	0.091	0.091	0.0070	0.000026
108-67-8	1,3,5-Trimethylbenzene	VOCs	1.0	0.010	0.010				
142-28-9	1,3-Dichloropropane	VOCs	1.0	0.020	0.020				
78-93-3	2-Butanone	VOCs	1.0	0.60	0.60			5.0	
95-49-8	2-Chlorotoluene	VOCs	1.0	0.020	0.020				
591-78-6	2-Hexanone	VOCs	1.0	0.0050	0.0050			0.030	
71-43-2	Benzene	VOCs	1.0	0.0040	0.0040	0.055	0.055	0.030	0.0000078
108-86-1	Bromobenzene	VOCs	1.0	0.0080	0.0080			0.060	
74-97-5	Bromochloromethane	VOCs	1.0					0.040	
75-27-4	Bromodichloromethane	VOCs	1.0	0.020	0.020	0.062	0.062		0.000037
75-25-2	Bromoform	VOCs	1.0	0.020	0.020	0.0079	0.0079		0.0000011
74-83-9	Bromomethane	VOCs	1.0	0.0014	0.0014			0.0050	
75-15-0	Carbon disulfide	VOCs	1.0	0.10	0.10			0.70	
56-23-5	Carbon tetrachloride	VOCs	1.0	0.0040	0.0040	0.070	0.070	0.10	0.0000060

Table 4-1: Toxicity Values

Cas Number	Chemical	Class	GI Absorption Factor (unitless)	Oral Reference Dose (mg/kg-day)	Dermal Reference Dose (mg/kg-day)	Oral Slope Factor (kg-day/mg)	Dermal Slope Factor (kg-day/mg)	Inhalation Reference Concentration (mg/m ³)	Inhalation Unit Risk (ug/m ³) ⁻¹
108-90-7	Chlorobenzene	VOCs	1.0	0.020	0.020			0.050	
124-48-1	Chlorodibromomethane	VOCs	1.0	0.020	0.020	0.084	0.084		
75-00-3	Chloroethane	VOCs	1.0					10.0	
67-66-3	Chloroform	VOCs	1.0	0.010	0.010	0.031	0.031	0.098	0.000023
74-87-3	Chloromethane	VOCs	1.0					0.090	
156-59-2	cis-1,2-Dichloroethene	VOCs	1.0	0.0020	0.0020				
10061-01-5	cis-1,3-Dichloropropene	VOCs	1.0						
74-95-3	Dibromomethane	VOCs	1.0					0.0040	
75-71-8	Dichlorodifluoromethane	VOCs	1.0	0.20	0.20			0.10	
100-41-4	Ethylbenzene	VOCs	1.0	0.10	0.10	0.011	0.011	1.0	0.0000025
98-82-8	Isopropylbenzene	VOCs	1.0	0.10	0.10			0.40	
179601-23-1	m&p-Xylene	VOCs	1.0						
108-10-1	Methyl Isobutyl Ketone	VOCs	1.0					3.0	
75-09-2	Methylene chloride	VOCs	1.0	0.0060	0.0060	0.0020	0.0020	0.60	0.000000010
104-51-8	n-Butylbenzene	VOCs	1.0	0.050	0.050				
103-65-1	n-Propylbenzene	VOCs	1.0	0.10	0.10			1.0	
95-47-6	o-Xylene	VOCs	1.0	0.20	0.20			0.10	
106-43-4	p-Chlorotoluene	VOCs	1.0	0.020	0.020				
99-87-6	p-Isopropyltoluene	VOCs	1.0						
135-98-8	sec-Butylbenzene	VOCs	1.0	0.10	0.10				
100-42-5	Styrene	VOCs	1.0	0.20	0.20			1.0	
98-06-6	tert-Butylbenzene	VOCs	1.0	0.10	0.10				
127-18-4	Tetrachloroethene	VOCs	1.0	0.0060	0.0060	0.0021	0.0021	0.040	0.00000026
108-88-3	Toluene	VOCs	1.0	0.080	0.080			5.0	
156-60-5	trans-1,2-Dichloroethene	VOCs	1.0	0.020	0.020				
10061-02-6	trans-1,3-Dichloropropene	VOCs	1.0						
79-01-6	Trichloroethene	VOCs	1.0	0.00050	0.00050	0.046	0.046	0.0020	0.0000041
75-69-4	Trichlorofluoromethane	VOCs	1.0	0.30	0.30				

Table 4-1: Toxicity Values

Cas Number	Chemical	Class	GI Absorption Factor (unitless)	Oral Reference Dose (mg/kg-day)	Dermal Reference Dose (mg/kg-day)	Oral Slope Factor (kg-day/mg)	Dermal Slope Factor (kg-day/mg)	Inhalation Reference Concentration (mg/m ³)	Inhalation Unit Risk (ug/m ³) ⁻¹
75-01-4	Vinyl chloride	VOCs	1.0	0.0030	0.0030	0.72	0.72	0.10	0.0000044

Notes:

Chemical/physical properties were obtained from the following USEPA references listed in priority of use: (1) USEPA RSL Tables (USEPA 2016a) and (2) USEPA Combustor Protocol (USEPA 2005b)

PCB toxicity values used for homologues:

Value for heptachlorobiphenyl is for heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189), which is the most protective of the values available for heptachlorobiphenyl

Value for hexachlorobiphenyl is for hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169), which is the most protective of the values available for hexachlorobiphenyl

Value for pentachlorobiphenyl is for 3,3',4,4',5-pentachlorobiphenyl (PCB 126), which is the most protective of the values available for pentachlorobiphenyl

Value for tetrachlorobiphenyl is for 3,4,4',5-tetrachlorobiphenyl (PCB 81), which is the most protective of the values available for tetrachlorobiphenyl

Table 4-2: USEPA NAAQS

Pollutant		Primary/Secondary	Averaging Time	Level	Form
Carbon Monoxide		Primary	8 hour	9 ppm	Not to be exceeded more than once per year
			1 hour	35 ppm	
Lead		Primary and Secondary	Rolling 3-month average	0.15 µg/m ³	Not to be exceeded
Nitrogen Dioxide		Primary	1 hour	100 ppb	98th Percentile of 1-hour daily maximum concentrations, averaged over 3 years
		Primary and Secondary	1 year	53 ppb	Annual mean
Ozone		Primary and Secondary	8 hours	0.070 ppm	Annual fourth-highest daily maximum 8-hour concentration, averaged over 3 years
Particulate Matter	PM < 2.5 microns (PM _{2.5})	Primary	1 year	12.0 µg/m ³	Annual mean, averaged over 3 years
		Secondary	1 year	15 µg/m ³	Annual mean, averaged over 3 years
		Primary and Secondary	24 hours	35 µg/m ³	98th Percentile, averaged over 3 years
	PM < 10 microns (PM ₁₀)	Primary and Secondary	24 hours	150 µg/m ³	Not to be exceeded more than once per year on average over 3 years
Sulfur Dioxide		Primary	1 hour	75 ppb	99 th Percentile of 1-hour daily maximum concentrations averaged over 3 years
		Secondary	3 hours	0.5 ppm	Not to be exceeded more than once per year

Notes:

ppb: Parts per billion

ppm: Parts per million

 µg/m³: Micrograms per cubic meter

Table 5-1: Summary of Cumulative Cancer Risk and Noncancer Hazard by Location for Each Receptor

Exposure Scenario/Location	hrs/day	Cancer Risk								Noncancer Hazard							
		ACI Lifetime 16 Years (Current)				ACI Lifetime 30 Years (Future)				ACI Lifetime 16 Years (Current)				ACI Lifetime 30 Years (Future)			
		Exposure Duration				Exposure Duration				Exposure Duration				Exposure Duration			
		9 months	3 years	6 years	25 years	9 months	3 years	6 years	25 years	9 months	3 years	6 years	25 years	9 months	3 years	6 years	25 years
Inside Camp Justice¹																	
Adult Resident/Workers																	
EU-1 (residence – Old Cuzcos)²	16																
+ EU-3 (work site ELC)	8	6.4E-06	1.9E-05	3.8E-05	--	6.4E-06	1.9E-05	3.8E-05	--	3.9	3.9	3.9	--	3.9	3.9	3.9	--
+ EU-4 (work site AV-34)	8	7.4E-06	2.2E-05	4.5E-05	--	7.4E-06	2.2E-05	4.5E-05	--	3.3	3.3	3.3	--	3.3	3.3	3.3	--
+ EU-5 (work site AV-31)	8	5.2E-06	1.6E-05	3.1E-05	--	5.2E-06	1.6E-05	3.1E-05	--	3.4	3.4	3.4	--	3.4	3.4	3.4	--
+ EU-6 (work site AV-32)	8	6.4E-06	1.9E-05	3.8E-05	--	6.4E-06	1.9E-05	3.8E-05	--	3.9	3.9	3.9	--	3.9	3.9	3.9	--
+ EU-8 (work site AV-29)	8	6.1E-06	1.8E-05	3.7E-05	--	6.1E-06	1.8E-05	3.7E-05	--	3.7	3.7	3.7	--	3.7	3.7	3.7	--
EU-2 (residence – New Cuzcos)²	16																
+ EU-3 (work site ELC)	8	8.7E-06	2.6E-05	5.2E-05	--	8.7E-06	2.6E-05	5.2E-05	--	5.1	5.1	5.1	--	5.1	5.1	5.1	--
+ EU-4 (work site AV-34)	8	9.8E-06	2.9E-05	5.9E-05	--	9.8E-06	2.9E-05	5.9E-05	--	4.5	4.5	4.5	--	4.5	4.5	4.5	--
+ EU-5 (work site AV-31)	8	7.5E-06	2.3E-05	4.5E-05	--	7.5E-06	2.3E-05	4.5E-05	--	4.6	4.6	4.6	--	4.6	4.6	4.6	--
+ EU-6 (work site AV-32)	8	8.7E-06	2.6E-05	5.2E-05	--	8.7E-06	2.6E-05	5.2E-05	--	5.1	5.1	5.1	--	5.1	5.1	5.1	--
+ EU-8 (work site AV-29)	8	8.5E-06	2.5E-05	5.1E-05	--	8.5E-06	2.5E-05	5.1E-05	--	4.9	4.9	4.9	--	4.9	4.9	4.9	--
EU-7 (residence – tents)²	16																
+ EU-3 (work site ELC)	8	2.2E-06	6.5E-06	1.3E-05	--	2.2E-06	6.5E-06	1.3E-05	--	1.3	1.3	1.3	--	1.3	1.3	1.3	--
+ EU-4 (work site AV-34)	8	3.3E-06	9.8E-06	2.0E-05	--	3.3E-06	9.8E-06	2.0E-05	--	0.7	0.7	0.7	--	0.7	0.7	0.7	--
+ EU-5 (work site AV-31)	8	1.0E-06	3.0E-06	6.0E-06	--	1.0E-06	3.0E-06	6.0E-06	--	0.8	0.8	0.8	--	0.8	0.8	0.8	--
+ EU-6 (work site AV-32)	8	2.2E-06	6.6E-06	1.3E-05	--	2.2E-06	6.6E-06	1.3E-05	--	1.3	1.3	1.3	--	1.3	1.3	1.3	--
+ EU-8 (work site AV-29)	8	2.0E-06	5.9E-06	1.2E-05	--	2.0E-06	5.9E-06	1.2E-05	--	1.1	1.1	1.1	--	1.1	1.1	1.1	--
Adult Resident/Workers																	
EU-7 (tents: residence + work site)	24	8.7E-07	--	--	--	8.7E-07	--	--	--	0.7	--	--	--	0.7	--	--	--
Adult Workers																	
EU-3 (ELC)	8	1.3E-06	3.8E-06	7.7E-06	3.2E-05	1.3E-06	3.8E-06	7.7E-06	3.2E-05	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
EU-4 (AV-34)	8	2.4E-06	7.1E-06	1.4E-05	5.9E-05	2.4E-06	7.1E-06	1.4E-05	5.9E-05	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
EU-5 (AV-31)	8	1.2E-07	3.6E-07	7.2E-07	3.0E-06	1.2E-07	3.6E-07	7.2E-07	3.0E-06	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
EU-6 (AV-32)	8	1.3E-06	4.0E-06	7.9E-06	3.3E-05	1.3E-06	4.0E-06	7.9E-06	3.3E-05	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
EU-8 (AV-29)	8	1.1E-06	3.2E-06	6.4E-06	2.7E-05	1.1E-06	3.2E-06	6.4E-06	2.7E-05	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Combined (Work Inside/Live Outside Camp Justice)																	
EU-3 (ELC)/outside Camp Justice	8/16	1.4E-06	4.1E-06	8.1E-06	3.4E-05	1.4E-06	4.1E-06	8.1E-06	3.4E-05	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
EU-4 (AV-34)/outside Camp Justice	8/16	2.4E-06	7.3E-06	1.5E-05	6.1E-05	2.4E-06	7.3E-06	1.5E-05	6.1E-05	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
EU-5 (AV-31)/outside Camp Justice	8/16	1.9E-07	5.8E-07	1.2E-06	4.8E-06	1.9E-07	5.8E-07	1.2E-06	4.8E-06	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3
EU-6 (AV-32)/outside Camp Justice	8/16	1.4E-06	4.2E-06	8.3E-06	3.5E-05	1.4E-06	4.2E-06	8.3E-06	3.5E-05	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
EU-8 (AV-29)/outside Camp Justice	8/16	1.1E-06	3.4E-06	6.8E-06	2.9E-05	1.1E-06	3.4E-06	6.8E-06	2.9E-05	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Outside Camp Justice³																	
Worker (Industrial location)	8	4.7E-08	1.4E-07	2.8E-07	1.2E-06	4.7E-08	1.4E-07	2.8E-07	1.2E-06	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Resident (adult)	24	9.8E-08	2.9E-07	5.9E-07	2.5E-06	9.8E-08	3.0E-07	5.9E-07	2.5E-06	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Resident (child)	24	--	3.5E-07	6.6E-07	--	--	3.5E-07	6.7E-07	--	--	0.1	0.1	--	--	0.1	0.1	--

Notes:

--: Not calculated

9-Month Exposure Duration = 270 days

¹ See Figure 1-2 for EU locations Inside Camp Justice

² These risks include the risks from exposures at the temporary residence and at work. The risks at the temporary residences are summarized below:

EU-1 (residence – Old Cuzcos)	16	5.1E-06	1.5E-05	3.0E-05	--	5.1E-06	1.5E-05	3.0E-05	--	3.1	3.1	3.1	--	3.1	3.1	3.1	--
EU-2 (residence – New Cuzcos)	16	7.4E-06	2.2E-05	4.4E-05	--	7.4E-06	2.2E-05	4.4E-05	--	4.3	4.3	4.3	--	4.3	4.3	4.3	--
EU-7 (residence – tents)	16	8.8E-07	2.6E-06	5.3E-06	--	8.8E-07	2.6E-06	5.3E-06	--	0.5	0.5	0.5	--	0.5	0.5	0.5	--

³ See Figure 2-23 for commercial/industrial and residential MPOI locations Outside Camp Justice

Table 5-2: Summary of Cumulative Cancer Risk and Noncancer Hazard by Location for Each Receptor (without Formaldehyde in Indoor Air)

Exposure Scenario/Location	hrs/day	Cancer Risk								Noncancer Hazard							
		ACI Lifetime 16 Years (Current)				ACI Lifetime 30 Years (Future)				ACI Lifetime 16 Years (Current)				ACI Lifetime 30 Years (Future)			
		Exposure Duration				Exposure Duration				Exposure Duration				Exposure Duration			
		9 months	3 years	6 years	25 years	9 months	3 years	6 years	25 years	9 months	3 years	6 years	25 years	9 months	3 years	6 years	25 years
Inside Camp Justice¹																	
Adult Resident/Workers																	
EU-1 (Residence – Old Cuzcos)²	16																
+ EU-3 (work site ELC)	8	3.0E-07	8.9E-07	1.8E-06	--	3.0E-07	8.9E-07	1.8E-06	--	0.6	0.6	0.6	--	0.6	0.6	0.6	--
+ EU-4 (work site AV-34)	8	2.4E-06	7.3E-06	1.5E-05	--	2.4E-06	7.3E-06	1.5E-05	--	0.6	0.6	0.6	--	0.6	0.6	0.6	--
+ EU-5 (work site AV-31)	8	2.0E-07	5.9E-07	1.2E-06	--	2.0E-07	5.9E-07	1.2E-06	--	0.7	0.7	0.7	--	0.7	0.7	0.7	--
+ EU-6 (work site AV-32)	8	5.0E-07	1.5E-06	3.0E-06	--	5.0E-07	1.5E-06	3.0E-06	--	0.7	0.7	0.7	--	0.7	0.7	0.7	--
+ EU-8 (work site AV-29)	8	5.5E-07	1.7E-06	3.3E-06	--	5.5E-07	1.7E-06	3.3E-06	--	0.6	0.6	0.6	--	0.6	0.6	0.6	--
EU-2 (Residence – New Cuzcos)²	16																
+ EU-3 (work site ELC)	8	2.9E-07	8.6E-07	1.7E-06	--	2.9E-07	8.6E-07	1.7E-06	--	0.5	0.5	0.5	--	0.5	0.5	0.5	--
+ EU-4 (work site AV-34)	8	2.4E-06	7.3E-06	1.5E-05	--	2.4E-06	7.3E-06	1.5E-05	--	0.5	0.5	0.5	--	0.5	0.5	0.5	--
+ EU-5 (work site AV-31)	8	1.9E-07	5.6E-07	1.1E-06	--	1.9E-07	5.6E-07	1.1E-06	--	0.6	0.6	0.6	--	0.6	0.6	0.6	--
+ EU-6 (work site AV-32)	8	4.9E-07	1.5E-06	3.0E-06	--	4.9E-07	1.5E-06	3.0E-06	--	0.6	0.6	0.6	--	0.6	0.6	0.6	--
+ EU-8 (work site AV-29)	8	5.4E-07	1.6E-06	3.2E-06	--	5.4E-07	1.6E-06	3.2E-06	--	0.6	0.6	0.6	--	0.6	0.6	0.6	--
EU-7 (Residence – tents)²	16																
+ EU-3 (work site ELC)	8	1.1E-06	3.3E-06	6.6E-06	--	1.1E-06	3.3E-06	6.6E-06	--	0.7	0.7	0.7	--	0.7	0.7	0.7	--
+ EU-4 (work site AV-34)	8	3.3E-06	9.8E-06	2.0E-05	--	3.3E-06	9.8E-06	2.0E-05	--	0.7	0.7	0.7	--	0.7	0.7	0.7	--
+ EU-5 (work site AV-31)	8	1.0E-06	3.0E-06	6.0E-06	--	1.0E-06	3.0E-06	6.0E-06	--	0.8	0.8	0.8	--	0.8	0.8	0.8	--
+ EU-6 (work site AV-32)	8	1.3E-06	3.9E-06	7.9E-06	--	1.3E-06	3.9E-06	7.9E-06	--	0.8	0.8	0.8	--	0.8	0.8	0.8	--
+ EU-8 (work site AV-29)	8	1.4E-06	4.1E-06	8.1E-06	--	1.4E-06	4.1E-06	8.1E-06	--	0.8	0.8	0.8	--	0.8	0.8	0.8	--
Adult Resident/Workers																	
EU-7 (tents: residence + work site)	24	8.7E-07	--	--	--	8.7E-07	--	--	--	0.7	--	--	--	0.7	--	--	--
Adult Workers																	
EU-3 (ELC)	8	2.2E-07	6.6E-07	1.3E-06	5.5E-06	2.2E-07	6.6E-07	1.3E-06	5.5E-06	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
EU-4 (AV-34)	8	2.4E-06	7.1E-06	1.4E-05	5.9E-05	2.4E-06	7.1E-06	1.4E-05	5.9E-05	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
EU-5 (AV-31)	8	1.2E-07	3.6E-07	7.2E-07	3.0E-06	1.2E-07	3.6E-07	7.2E-07	3.0E-06	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
EU-6 (AV-32)	8	4.3E-07	1.3E-06	2.6E-06	1.1E-05	4.3E-07	1.3E-06	2.6E-06	1.1E-05	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
EU-8 (AV-29)	8	4.7E-07	1.4E-06	2.8E-06	1.2E-05	4.7E-07	1.4E-06	2.8E-06	1.2E-05	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Combined (Work Inside/Live Outside Camp Justice)																	
EU-3 (ELC)/Outside Camp Justice	8/16	2.9E-07	8.6E-07	1.7E-06	7.2E-06	2.9E-07	8.6E-07	1.7E-06	7.2E-06	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
EU-4 (AV-34)/Outside Camp Justice	8/16	2.4E-06	7.3E-06	1.5E-05	6.1E-05	2.4E-06	7.3E-06	1.5E-05	6.1E-05	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
EU-5 (AV-31)/Outside Camp Justice	8/16	1.9E-07	5.6E-07	1.1E-06	4.7E-06	1.9E-07	5.6E-07	1.1E-06	4.7E-06	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
EU-6 (AV-32)/Outside Camp Justice	8/16	4.9E-07	1.5E-06	3.0E-06	1.2E-05	4.9E-07	1.5E-06	3.0E-06	1.2E-05	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
EU-8 (AV-29)/Outside Camp Justice	8/16	5.4E-07	1.6E-06	3.2E-06	1.4E-05	5.4E-07	1.6E-06	3.2E-06	1.4E-05	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Outside Camp Justice³																	
Worker (Industrial location)	8	4.2E-08	1.3E-07	2.5E-07	1.0E-06	4.2E-08	1.3E-07	2.5E-07	1.1E-06	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Resident (adult)	24	9.1E-08	2.7E-07	5.4E-07	2.3E-06	9.1E-08	2.7E-07	5.5E-07	2.3E-06	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Resident (child)	24	--	3.4E-07	6.4E-07	--	--	3.5E-07	6.6E-07	--	--	0.1	0.1	--	--	0.1	0.1	--

Notes:

--: Not calculated
 9-Month Exposure Duration = 270 days

¹ See Figure 1-2 for EU locations Inside Camp Justice

² These risks include the risks from exposures at the temporary residence and at work. The risks at the temporary residences are summarized below:

EU-1 (residence – Old Cuzcos)	16	7.6E-08	2.3E-07	4.5E-07	--	7.6E-08	2.3E-07	4.5E-07	--	0.4	0.4	0.4	--	0.4	0.4	0.4	--
EU-2 (residence – New Cuzcos)	16	6.6E-08	2.0E-07	3.9E-07	--	6.6E-08	2.0E-07	3.9E-07	--	0.3	0.3	0.3	--	0.3	0.3	0.3	--
EU-7 (residence – tents)	16	8.8E-07	2.6E-06	5.3E-06	--	8.8E-07	2.6E-06	5.3E-06	--	0.5	0.5	0.5	--	0.5	0.5	0.5	--

³ See Figure 2-23 for commercial/industrial and residential MPOI locations Outside Camp Justice

Table 5-3: Summary of Chemicals with Cancer Risks > 1E-06 and/or Hazard Quotient Greater than 1 By Location

Media	EU-1 (Temporary Residence)	EU-2 (Temporary Residence)	EU-3	EU-4	EU-5	EU-6	EU-7 (Temporary Residence)	EU-8	Residential MPOI		Commercial / Industrial MPOI
	Adult Resident/ Worker		Adult Worker			Adult Resident/ Worker	Adult Worker	Adult Resident	Child Resident	Adult Worker	
	Exposure Duration = 6 years; ACI Lifetime = 16 years										
Soil (Incidental Ingestion + Dermal Contact)	None	None	None	Benzo(a)anthracene (CR = 1.1E-06: > 7.3%) Benzo(a)pyrene (CR = 9.0E-06: > 60%) Benzo(b)fluoranthene (CR = 1.5E-06: > 10%) Dibenz(a,h)anthracene (CR = 1.7E-06: > 11%)	None	Arsenic (CR = 1.2E-06: > 14%)	NA	Chlordecone (CR = 2.4E-06: > 35%)	None	None	None
Indoor Air (Inhalation)	Formaldehyde (CR = 3.0E-05: > 99%) (HQ = 2.7: > 87%)	Formaldehyde (CR = 4.4E-05: > 99%) (HQ = 4.0: > 93%)	Formaldehyde (CR = 6.4E-06: > 79%)	None	None	Formaldehyde (CR = 5.3E-06: > 63%)	Bromodichloromethane (CR = 1.1E-06: > 22%) Chloroform (CR = 1.6E-06: > 32%)	Formaldehyde (CR = 3.6E-06: > 52%)	None	None	None
Outdoor Air (Inhalation)	None	None	None	None	None	None	NA	None	None	None	None
Fish Tissue (Consumption)	None	None	NA	NA	NA	NA	NA	NA	None	None	None
Cumulative Cancer Risk	3.0E-05	4.4E-05	8.1E-06	1.5E-05	1.2E-06	8.3E-06	4.9E-06	6.8E-06	5.9E-07	6.6E-07	2.8E-07
Hazard Index	3.1	4.3	0.8	0.2	0.2	0.8	0.4	0.5	0.1	0.1	0.1

Notes:
 CR: Cancer Risk
 HQ: Hazard Quotient
 NA: Not applicable

Table 6-1: Comparison of Particle Size Distribution from the Cascade Impactor and Alternative Particle Size Method

Cascade Impactor Analysis				Scanning Electronic Microscopy Analysis			
Day		Night		Day		Night	
Average Cut Diameter ¹ (µm)	Emission Rate (g/sec)	Average Cut Diameter (µm)	Emission Rate (g/sec)	Average Diameter ² (µm)	Emission Rate (g/sec)	Average Diameter (µm)	Emission Rate (g/sec)
9.2	0.56	9.3	0.38	13.2	0.75	13.4	1.02
3.6	0.14	3.6	0.20	8.5	0.22	8.7	0.31
1.8	0.20	1.8	0.30	5.9	0.25	5.9	0.33
1.0	0.26	1.0	0.61	3.3	0.31	3.3	0.38
0.5	0.65	0.5	0.90	1.5	0.19	1.5	0.21
0.2	1.28	0.2	2.45	0.7	0.04	0.7	0.03

Notes:

The diameter/mass/rate of particles emitted from the ACIs changes over time due to many factors, such as composition of the MSW being burned, temperature, and airflow.

The CARB Method 501 was used with the cascade impactor apparatus, while scanning electronic microscopy was used as the alternative particle size method.

¹Multiple particle size samples were collected from the ACIs during the daytime and nighttime sampling events and the average cut diameter from each stage is presented. Cascade impactors have multiple stages where particles of different diameters are collected. Larger diameter particles are collected in earlier stages. Smaller diameter particles are collected in later stages. The average cut diameter is based on the actual diameter of particles collected at each stage of the cascade impactor. Consequently, samples from the same cascade impactor stage can have slightly different diameters because a range of particle diameters are collected at each stage.

²Particle diameters were determined visually using a scanning electron microscope. Multiple particle size samples were collected from the ACIs during the daytime and nighttime sampling events, and the average diameter is presented.

Table 6-2: Comparison of the 5-Year Average, Normalized Air Dispersion/Deposition Modeling Results from the Cascade Impactor and Alternative Particle Size Method

Receptor Location Evaluated in the HHRA ²	Parameter	Units	Air Dispersion/Deposition Modeling Results Based on the Particle Size Distribution from the Cascade Impactor Analysis ¹				Air Dispersion/Deposition Modeling Results Based on the Particle Size Distribution from the Scanning Electronic Microscopy Analysis ¹			
			Day		Night		Day		Night	
			Particle-bound	Particle-phase	Particle-bound	Particle-phase	Particle-bound	Particle-phase	Particle-bound	Particle-phase
Inside Camp Justice MPOI	Concentration	(ug/m ³)/(g/s)	0.011	0.011	0.021	0.021	0.0090	0.0091	0.017	0.017
	Dry Deposition	(g/m ² -yr)/(g/s)	0.00018	0.00048	0.00012	0.00034	0.0011	0.0021	0.0011	0.0021
	Wet Deposition	(g/m ² -yr)/(g/s)	0.0	0.000030	0.0	0.000030	0.000040	0.000070	0.000050	0.000080
Outside Camp Justice - Residential MPOI	Concentration	(ug/m ³)/(g/s)	0.083	0.083	0.42	0.42	0.067	0.067	0.36	0.38
	Dry Deposition	(g/m ² -yr)/(g/s)	0.0012	0.0052	0.0023	0.0061	0.012	0.024	0.023	0.047
	Wet Deposition	(g/m ² -yr)/(g/s)	0.000020	0.00057	0.000020	0.00051	0.00080	0.0015	0.00069	0.0013
Outside Camp Justice - Commercial/Industrial MPOI	Concentration	(ug/m ³)/(g/s)	0.092	0.096	0.97	0.98	0.089	0.091	0.84	0.89
	Dry Deposition	(g/m ² -yr)/(g/s)	0.0014	0.0055	0.0056	0.015	0.014	0.028	0.057	0.12
	Wet Deposition	(g/m ² -yr)/(g/s)	0.000040	0.00094	0.000030	0.00065	0.0014	0.0026	0.0016	0.0030
Guantanamo Bay - Fish Tissue Concentrations Modeled from Air Dispersion/Deposition ³	Concentration	(ug/m ³)/(g/s)	0.044	0.044	0.22	0.22	0.044	0.044	0.23	0.22
	Dry Deposition	(g/m ² -yr)/(g/s)	0.0012	0.0073	0.0016	0.0060	0.035	0.019	0.026	0.052
	Wet Deposition	(g/m ² -yr)/(g/s)	0.000011	0.00029	0.000090	0.00021	0.0014	0.00071	0.0008	0.00157

Notes:

The CARB Method 501 was used with the Cascade Impactor apparatus, while scanning electronic microscopy was used as the alternative particle size method.

¹The modeling results presented in the table are the average, normalized (i.e., calculated assuming a 1 g/sec emission rate from the ACIs) results predicted at each potential receptor location over a 5 year period.

²These receptor locations had the highest concentration, dry deposition, and wet deposition and represent the residential, commercial/industrial, and Camp Justice MPOI (i.e., these are the worst-case locations).

³The average of all locations on the receptor grid for the Guantanamo Bay Watershed was used in the fish tissue modeling.

Ratio of SEM result to Cascade Impactor result <= 1.

Ratio of SEM result to Cascade Impactor result >1 and <= 10.

Ratio of SEM result to Cascade Impactor result > 10 and <= 20.

Ratio of SEM result to Cascade Impactor result > 20.

Table 6-3: Summary of Cumulative Cancer Risk and Noncancer Hazard by Location for Each Receptor - Alternative Particle Size Distribution

Exposure Scenario/Location	hrs/day	Cancer Risk								Noncancer Hazard							
		ACI Lifetime 16 Years (Current)				ACI Lifetime 30 Years (Future)				ACI Lifetime 16 Years (Current)				ACI Lifetime 30 Years (Future)			
		Exposure Duration				Exposure Duration				Exposure Duration				Exposure Duration			
		9 months	3 years	6 years	25 years	9 months	3 years	6 years	25 years	9 months	3 years	6 years	25 years	9 months	3 years	6 years	25 years
Inside Camp Justice¹																	
Resident Workers																	
EU-1 (residence – Old Cuzcos)	16																
+ EU-3 (work site ELC)	8	6.4E-06	1.9E-05	3.8E-05	--	6.4E-06	1.9E-05	3.8E-05	--	3.9	3.9	3.9	--	3.9	3.9	3.9	--
+ EU-4 (work site AV-34)	8	7.4E-06	2.2E-05	4.5E-05	--	7.4E-06	2.2E-05	4.5E-05	--	3.3	3.3	3.3	--	3.3	3.3	3.3	--
+ EU-5 (work site AV-31)	8	5.2E-06	1.6E-05	3.1E-05	--	5.2E-06	1.6E-05	3.1E-05	--	3.4	3.4	3.4	--	3.4	3.4	3.4	--
+ EU-6 (work site AV-32)	8	6.4E-06	1.9E-05	3.8E-05	--	6.4E-06	1.9E-05	3.8E-05	--	3.9	3.9	3.9	--	3.9	3.9	3.9	--
+ EU-8 (work site AV-29)	8	6.1E-06	1.8E-05	3.7E-05	--	6.1E-06	1.8E-05	3.7E-05	--	3.7	3.7	3.7	--	3.7	3.7	3.7	--
EU-2 (residence – New Cuzcos)	16																
+ EU-3 (work site ELC)	8	8.7E-06	2.6E-05	5.2E-05	--	8.7E-06	2.6E-05	5.2E-05	--	5.1	5.1	5.1	--	5.1	5.1	5.1	--
+ EU-4 (work site AV-34)	8	9.8E-06	2.9E-05	5.9E-05	--	9.8E-06	2.9E-05	5.9E-05	--	4.5	4.5	4.5	--	4.5	4.5	4.5	--
+ EU-5 (work site AV-31)	8	7.5E-06	2.3E-05	4.5E-05	--	7.5E-06	2.3E-05	4.5E-05	--	4.6	4.6	4.6	--	4.6	4.6	4.6	--
+ EU-6 (work site AV-32)	8	8.7E-06	2.6E-05	5.2E-05	--	8.7E-06	2.6E-05	5.2E-05	--	5.1	5.1	5.1	--	5.1	5.1	5.1	--
+ EU-8 (work site AV-29)	8	8.5E-06	2.5E-05	5.1E-05	--	8.5E-06	2.5E-05	5.1E-05	--	4.9	4.9	4.9	--	4.9	4.9	4.9	--
EU-7 (residence – tents)	16																
+ EU-3 (work site ELC)	8	2.2E-06	6.5E-06	1.3E-05	--	2.2E-06	6.5E-06	1.3E-05	--	1.3	1.3	1.3	--	1.3	1.3	1.3	--
+ EU-4 (work site AV-34)	8	3.3E-06	9.8E-06	2.0E-05	--	3.3E-06	9.8E-06	2.0E-05	--	0.7	0.7	0.7	--	0.7	0.7	0.7	--
+ EU-5 (work site AV-31)	8	1.0E-06	3.0E-06	6.0E-06	--	1.0E-06	3.0E-06	6.0E-06	--	0.8	0.8	0.8	--	0.8	0.8	0.8	--
+ EU-6 (work site AV-32)	8	2.2E-06	6.6E-06	1.3E-05	--	2.2E-06	6.6E-06	1.3E-05	--	1.3	1.3	1.3	--	1.3	1.3	1.3	--
+ EU-8 (work site AV-29)	8	1.9E-06	5.8E-06	1.2E-05	--	1.9E-06	5.8E-06	1.2E-05	--	1.1	1.1	1.1	--	1.1	1.1	1.1	--
Resident Workers																	
EU-7 (tents: residence + work site)	24	8.6E-07	--	--	--	8.6E-07	--	--	--	0.7	--	--	--	0.7	--	--	--
Workers Only																	
EU-3 (ELC)	8	1.3E-06	3.8E-06	7.7E-06	3.2E-05	1.3E-06	3.8E-06	7.7E-06	3.2E-05	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
EU-4 (AV-34)	8	2.4E-06	7.1E-06	1.4E-05	5.9E-05	2.4E-06	7.1E-06	1.4E-05	5.9E-05	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
EU-5 (AV-31)	8	1.2E-07	3.6E-07	7.2E-07	3.0E-06	1.2E-07	3.6E-07	7.2E-07	3.0E-06	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
EU-6 (AV-32)	8	1.3E-06	4.0E-06	7.9E-06	3.3E-05	1.3E-06	4.0E-06	7.9E-06	3.3E-05	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
EU-8 (AV-29)	8	1.1E-06	3.2E-06	6.4E-06	2.7E-05	1.1E-06	3.2E-06	6.4E-06	2.7E-05	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Combined (Work Inside/Live Outside Camp Justice)																	
EU-3 (ELC)/outside Camp Justice	8/16	1.3E-06	4.0E-06	8.1E-06	3.4E-05	1.3E-06	4.0E-06	8.1E-06	3.4E-05	0.8	0.9	0.9	0.9	0.8	0.9	0.9	0.9
EU-4 (AV-34)/outside Camp Justice	8/16	2.4E-06	7.3E-06	1.5E-05	6.1E-05	2.4E-06	7.3E-06	1.5E-05	6.1E-05	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
EU-5 (AV-31)/outside Camp Justice	8/16	1.9E-07	5.6E-07	1.1E-06	4.6E-06	1.9E-07	5.6E-07	1.1E-06	4.7E-06	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
EU-6 (AV-32)/outside Camp Justice	8/16	1.4E-06	4.1E-06	8.3E-06	3.5E-05	1.4E-06	4.2E-06	8.3E-06	3.5E-05	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
EU-8 (AV-29)/outside Camp Justice	8/16	1.1E-06	3.4E-06	6.8E-06	2.8E-05	1.1E-06	3.4E-06	6.8E-06	2.8E-05	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Outside Camp Justice²																	
Worker (Industrial location)	8	4.5E-08	1.4E-07	2.7E-07	1.1E-06	4.6E-08	1.4E-07	2.8E-07	1.2E-06	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Residential (adult)	24	8.8E-08	2.7E-07	5.3E-07	2.2E-06	8.9E-08	2.7E-07	5.4E-07	2.2E-06	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Residential (child)	24	--	3.7E-07	6.9E-07	--	--	4.0E-07	7.5E-07	--	--	0.1	0.1	--	--	0.1	0.1	--

Notes:

--: Not calculated

9-Month Exposure Duration = 270 days

¹See Figure 1-2 for EU locations Inside Camp Justice

²See Figure 2-23 for commercial/industrial and residential MPOI locations Outside Camp Justice

Table 6-4: Comparison of Cumulative Cancer Risk and Noncancer Hazard in Section 5 with Risks Using the Alternative Particle Size Distribution

Exposure Scenario/Location	hrs/day	Cancer Risk			Hazard Index		
		ACI Lifetime 16 Years (Current)					
		Risk Results from Section 5 of the HHRA (Original Analysis)	Alternative Particle Size Distribution (Sensitivity Analysis)	% Difference	Risk Results from Section 5 of the HHRA (Original Analysis)	Alternative Particle Size Distribution (Sensitivity Analysis)	% Difference
Exposure Duration = 6 yrs							
Inside Camp Justice¹							
Resident Workers							
EU-1 (Residence – Old Cuzcos)	16						
+ EU-3 (work site ELC)	8	3.8E-05	3.8E-05	0.0%	3.9	3.9	0.0%
+ EU-4 (work site AV-34)	8	4.5E-05	4.5E-05	0.0%	3.3	3.3	0.0%
+ EU-5 (work site AV-31)	8	3.1E-05	3.1E-05	0.0%	3.4	3.4	0.0%
+ EU-6 (work site AV-32)	8	3.8E-05	3.8E-05	0.0%	3.9	3.9	0.0%
+ EU-8 (work site AV-29)	8	3.7E-05	3.7E-05	0.0%	3.7	3.7	0.0%
EU-2 (Residence – New Cuzcos)	16						
+ EU-3 (work site ELC)	8	5.2E-05	5.2E-05	0.0%	5.1	5.1	0.0%
+ EU-4 (work site AV-34)	8	5.9E-05	5.9E-05	0.0%	4.5	4.5	0.0%
+ EU-5 (work site AV-31)	8	4.5E-05	4.5E-05	0.0%	4.6	4.6	0.0%
+ EU-6 (work site AV-32)	8	5.2E-05	5.2E-05	0.0%	5.1	5.1	0.0%
+ EU-8 (work site AV-29)	8	5.1E-05	5.1E-05	0.0%	4.9	4.9	0.0%
EU-7 (Residence – tents)	16						
+ EU-3 (work site ELC)	8	1.3E-05	1.3E-05	0.0%	1.3	1.3	0.0%
+ EU-4 (work site AV-34)	8	2.0E-05	2.0E-05	0.0%	0.7	0.7	0.0%
+ EU-5 (work site AV-31)	8	6.0E-06	6.0E-06	-0.1%	0.8	0.8	0.0%
+ EU-6 (work site AV-32)	8	1.3E-05	1.3E-05	0.0%	1.3	1.3	0.0%
+ EU-8 (work site AV-29)	8	1.2E-05	1.2E-05	0.0%	1.1	1.1	0.0%
Resident Workers							
EU-7 (tents: residence + work site)	24	--	--	--	--	--	--
Workers Only							
EU-3 (ELC)	8	7.7E-06	7.7E-06	0.0%	0.8	0.8	0.0%
EU-4 (AV-34)	8	1.4E-05	1.4E-05	0.0%	0.2	0.2	0.0%

Table 6-4: Comparison of Cumulative Cancer Risk and Noncancer Hazard in Section 5 with Risks Using the Alternative Particle Size Distribution

Exposure Scenario/Location	hrs/day	Cancer Risk			Hazard Index		
		ACI Lifetime 16 Years (Current)					
		Risk Results from Section 5 of the HHRA (Original Analysis)	Alternative Particle Size Distribution (Sensitivity Analysis)	% Difference	Risk Results from Section 5 of the HHRA (Original Analysis)	Alternative Particle Size Distribution (Sensitivity Analysis)	% Difference
		Exposure Duration = 6 yrs					
EU-5 (AV-31)	8	7.2E-07	7.2E-07	-0.2%	0.2	0.2	-0.1%
EU-6 (AV-32)	8	7.9E-06	7.9E-06	0.0%	0.8	0.8	0.0%
EU-8 (AV-29)	8	6.4E-06	6.4E-06	0.0%	0.5	0.5	0.0%
Combined (Work Inside/Live Outside Camp Justice)							
EU-3 (ELC)/Outside Camp Justice	8/16	8.1E-06	8.1E-06	-0.6%	0.9	0.9	-1.3%
EU-4 (AV-34)/Outside Camp Justice	8/16	1.5E-05	1.5E-05	-0.3%	0.3	0.3	-4.5%
EU-5 (AV-31)/Outside Camp Justice	8/16	1.2E-06	1.1E-06	-3.9%	0.4	0.3	-4.2%
EU-6 (AV-32)/Outside Camp Justice	8/16	8.3E-06	8.3E-06	-0.5%	0.9	0.9	-2.9%
EU-8 (AV-29)/Outside Camp Justice	8/16	6.8E-06	6.8E-06	-0.7%	0.6	0.6	-2.1%
Outside Camp Justice²							
Worker (Industrial location)	8	2.8E-07	2.7E-07	-4.2%	0.1	0.1	-5.2%
Residential (adult)	24	5.9E-07	5.3E-07	-10.1%	0.1	0.1	-11.2%
Residential (child)	24	6.6E-07	6.9E-07	3.9%	0.1	0.1	-9.8%

Notes:

--: Not calculated

¹See Figure 1-2 for EU locations Inside Camp Justice

²See Figure 2-23 for commercial/industrial and residential MPOI locations Outside Camp Justice

Table 6-5: Summary of Cumulative Cancer Risk and Noncancer Hazard by Location for Each Receptor - ACI Emissions Only

Exposure Scenario/Location	hrs/day	Cancer Risk								Noncancer Hazard							
		ACI Lifetime 16 Years (Current)				ACI Lifetime 30 Years (Future)				ACI Lifetime 16 Years (Current)				ACI Lifetime 30 Years (Future)			
		Exposure Duration				Exposure Duration				Exposure Duration				Exposure Duration			
		9 months	3 years	6 years	25 years	9 months	3 years	6 years	25 years	9 months	3 years	6 years	25 years	9 months	3 years	6 years	25 years
Inside Camp Justice¹																	
Resident Workers																	
EU-1 (Residence – Old Cuzcos)	16																
+ EU-3 (work site ELC)	8	1.5E-08	4.4E-08	8.7E-08	--	1.5E-08	4.4E-08	8.7E-08	--	0.01	0.01	0.01	--	0.01	0.01	0.01	--
+ EU-4 (work site AV-34)	8	1.5E-08	4.4E-08	8.7E-08	--	1.5E-08	4.4E-08	8.7E-08	--	0.01	0.01	0.01	--	0.01	0.01	0.01	--
+ EU-5 (work site AV-31)	8	1.5E-08	4.4E-08	8.7E-08	--	1.5E-08	4.4E-08	8.7E-08	--	0.01	0.01	0.01	--	0.01	0.01	0.01	--
+ EU-6 (work site AV-32)	8	1.5E-08	4.4E-08	8.7E-08	--	1.5E-08	4.4E-08	8.7E-08	--	0.01	0.01	0.01	--	0.01	0.01	0.01	--
+ EU-8 (work site AV-29)	8	1.5E-08	4.4E-08	8.7E-08	--	1.5E-08	4.4E-08	8.7E-08	--	0.01	0.01	0.01	--	0.01	0.01	0.01	--
EU-2 (Residence – New Cuzcos)	16																
+ EU-3 (work site ELC)	8	1.5E-08	4.4E-08	8.7E-08	--	1.5E-08	4.4E-08	8.7E-08	--	0.01	0.01	0.01	--	0.01	0.01	0.01	--
+ EU-4 (work site AV-34)	8	1.5E-08	4.4E-08	8.7E-08	--	1.5E-08	4.4E-08	8.7E-08	--	0.01	0.01	0.01	--	0.01	0.01	0.01	--
+ EU-5 (work site AV-31)	8	1.5E-08	4.4E-08	8.7E-08	--	1.5E-08	4.4E-08	8.7E-08	--	0.01	0.01	0.01	--	0.01	0.01	0.01	--
+ EU-6 (work site AV-32)	8	1.5E-08	4.4E-08	8.7E-08	--	1.5E-08	4.4E-08	8.7E-08	--	0.01	0.01	0.01	--	0.01	0.01	0.01	--
+ EU-8 (work site AV-29)	8	1.5E-08	4.4E-08	8.7E-08	--	1.5E-08	4.4E-08	8.7E-08	--	0.01	0.01	0.01	--	0.01	0.01	0.01	--
EU-7 (Residence – tents)	16																
+ EU-3 (work site ELC)	8	1.5E-08	4.4E-08	8.7E-08	--	1.5E-08	4.4E-08	8.7E-08	--	0.01	0.01	0.01	--	0.01	0.01	0.01	--
+ EU-4 (work site AV-34)	8	1.5E-08	4.4E-08	8.7E-08	--	1.5E-08	4.4E-08	8.7E-08	--	0.01	0.01	0.01	--	0.01	0.01	0.01	--
+ EU-5 (work site AV-31)	8	1.5E-08	4.4E-08	8.7E-08	--	1.5E-08	4.4E-08	8.7E-08	--	0.01	0.01	0.01	--	0.01	0.01	0.01	--
+ EU-6 (work site AV-32)	8	1.5E-08	4.4E-08	8.7E-08	--	1.5E-08	4.4E-08	8.7E-08	--	0.01	0.01	0.01	--	0.01	0.01	0.01	--
+ EU-8 (work site AV-29)	8	1.5E-08	4.4E-08	8.7E-08	--	1.5E-08	4.4E-08	8.7E-08	--	0.01	0.01	0.01	--	0.01	0.01	0.01	--
Resident Workers																	
EU-7 (tents: residence + work site)	24	3.0E-08	--	--	--	3.0E-08	--	--	--	0.02	--	--	--	0.02	--	--	--
Workers Only																	
EU-3 (ELC)	8	5.9E-09	1.8E-08	3.5E-08	1.5E-07	5.9E-09	1.8E-08	3.5E-08	1.5E-07	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
EU-4 (AV-34)	8	5.9E-09	1.8E-08	3.5E-08	1.5E-07	5.9E-09	1.8E-08	3.5E-08	1.5E-07	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
EU-5 (AV-31)	8	5.9E-09	1.8E-08	3.5E-08	1.5E-07	5.9E-09	1.8E-08	3.5E-08	1.5E-07	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
EU-6 (AV-32)	8	5.9E-09	1.8E-08	3.5E-08	1.5E-07	5.9E-09	1.8E-08	3.5E-08	1.5E-07	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
EU-8 (AV-29)	8	5.9E-09	1.8E-08	3.5E-08	1.5E-07	5.9E-09	1.8E-08	3.5E-08	1.5E-07	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Combined (Work Inside/Live Outside Camp Justice)																	
EU-3 (ELC)/Outside Camp Justice	8/16	7.8E-08	2.3E-07	4.7E-07	1.9E-06	7.8E-08	2.3E-07	4.7E-07	2.0E-06	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
EU-4 (AV-34)/Outside Camp Justice	8/16	7.8E-08	2.3E-07	4.7E-07	1.9E-06	7.8E-08	2.3E-07	4.7E-07	2.0E-06	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
EU-5 (AV-31)/Outside Camp Justice	8/16	7.8E-08	2.3E-07	4.7E-07	1.9E-06	7.8E-08	2.3E-07	4.7E-07	2.0E-06	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
EU-6 (AV-32)/Outside Camp Justice	8/16	7.8E-08	2.3E-07	4.7E-07	1.9E-06	7.8E-08	2.3E-07	4.7E-07	2.0E-06	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
EU-8 (AV-29)/Outside Camp Justice	8/16	7.8E-08	2.3E-07	4.7E-07	1.9E-06	7.8E-08	2.3E-07	4.7E-07	2.0E-06	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Outside Camp Justice²																	
Worker (Industrial location)	8	4.7E-08	1.4E-07	2.8E-07	1.2E-06	4.7E-08	1.4E-07	2.8E-07	1.2E-06	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
Residential (adult)	24	9.8E-08	2.9E-07	5.9E-07	2.5E-06	9.8E-08	3.0E-07	5.9E-07	2.5E-06	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Residential (child)	24	--	3.5E-07	6.6E-07	--	--	3.5E-07	6.7E-07	--	--	0.1	0.1	--	--	0.1	0.1	--

Notes:

--: Not calculated

9-Month Exposure Duration = 270 days

¹ See Figure 1-2 for EU locations Inside Camp Justice

² See Figure 2-23 for commercial/industrial and residential MPOI locations Outside Camp Justice

Table 6-6: Comparison of Cumulative Cancer Risk and Noncancer Hazard Presented in Section 5 with Risks from ACI Emissions Only

Exposure Scenario/Location	hrs/day	Cancer Risk			Hazard Index		
		ACI Lifetime 16 Years (Current)					
		Risk Results from Section 5 of the HHRA (Original Analysis)	Risk Results from ACI Emissions Only (Sensitivity Analysis)	% Difference	Risk Results from Section 5 of the HHRA (Original Analysis)	Risk Results from ACI Emissions Only (Sensitivity Analysis)	% Difference
Exposure Duration = 6 years							
Inside Camp Justice¹							
Resident Workers							
EU-1 (Residence – Old Cuzcos)	16						
+ EU-3 (work site ELC)	8	3.8E-05	8.7E-08	-99.8%	3.9	0.01	-99.7%
+ EU-4 (work site AV-34)	8	4.5E-05	8.7E-08	-99.8%	3.3	0.01	-99.7%
+ EU-5 (work site AV-31)	8	3.1E-05	8.7E-08	-99.7%	3.4	0.01	-99.7%
+ EU-6 (work site AV-32)	8	3.8E-05	8.7E-08	-99.8%	3.9	0.01	-99.7%
+ EU-8 (work site AV- 29)	8	3.7E-05	8.7E-08	-99.8%	3.7	0.01	-99.7%
EU-2 (Residence – New Cuzcos)	16						
+ EU-3 (work site ELC)	8	5.2E-05	8.7E-08	-99.8%	5.1	0.01	-99.8%
+ EU-4 (work site AV-34)	8	5.9E-05	8.7E-08	-99.9%	4.5	0.01	-99.7%
+ EU-5 (work site AV-31)	8	4.5E-05	8.7E-08	-99.8%	4.6	0.01	-99.8%
+ EU-6 (work site AV-32)	8	5.2E-05	8.7E-08	-99.8%	5.1	0.01	-99.8%
+ EU-8 (work site AV-29)	8	5.1E-05	8.7E-08	-99.8%	4.9	0.01	-99.8%
EU-7 (Residence – tents)	16						
+ EU-3 (work site ELC)	8	1.3E-05	8.7E-08	-99.3%	1.3	0.01	-99.1%
+ EU-4 (work site AV-34)	8	2.0E-05	8.7E-08	-99.6%	0.7	0.01	-98.4%
+ EU-5 (work site AV-31)	8	6.0E-06	8.7E-08	-98.6%	0.8	0.01	-98.6%
+ EU-6 (work site AV-32)	8	1.3E-05	8.7E-08	-99.3%	1.3	0.01	-99.1%
+ EU-8 (work site AV-29)	8	1.2E-05	8.7E-08	-99.3%	1.1	0.01	-99.0%
Resident Workers							
EU-7 (tents: residence + work site)	24	--	--	--	--	--	--
Workers Only							
EU-3 (ELC)	8	7.7E-06	3.5E-08	-99.5%	0.8	0.004	-99.5%
EU-4 (AV-34)	8	1.4E-05	3.5E-08	-99.8%	0.2	0.004	-97.8%

Table 6-6: Comparison of Cumulative Cancer Risk and Noncancer Hazard Presented in Section 5 with Risks from ACI Emissions Only

Exposure Scenario/Location	hrs/day	Cancer Risk			Hazard Index		
		ACI Lifetime 16 Years (Current)					
		Risk Results from Section 5 of the HHRA (Original Analysis)	Risk Results from ACI Emissions Only (Sensitivity Analysis)	% Difference	Risk Results from Section 5 of the HHRA (Original Analysis)	Risk Results from ACI Emissions Only (Sensitivity Analysis)	% Difference
		Exposure Duration = 6 years					
EU-5 (AV-31)	8	7.2E-07	3.5E-08	-95.1%	0.2	0.004	-98.4%
EU-6 (AV-32)	8	7.9E-06	3.5E-08	-99.6%	0.8	0.004	-99.5%
EU-8 (AV-29)	8	6.4E-06	3.5E-08	-99.4%	0.5	0.004	-99.3%
Combined (Work Inside/Live Outside Camp Justice)							
EU-3 (ELC)/Outside Camp Justice	8/16	8.1E-06	4.7E-07	-94.2%	0.9	0.1	-88.1%
EU-4 (AV-34)/Outside Camp Justice	8/16	1.5E-05	4.7E-07	-96.8%	0.3	0.1	-62.9%
EU-5 (AV-31)/Outside Camp Justice	8/16	1.2E-06	4.7E-07	-59.4%	0.4	0.1	-70.7%
EU-6 (AV-32)/Outside Camp Justice	8/16	8.3E-06	4.7E-07	-94.4%	0.9	0.1	-88.6%
EU-8 (AV-29)/Outside Camp Justice	8/16	6.8E-06	4.7E-07	-93.2%	0.6	0.1	-83.7%
Outside Camp Justice²							
Worker (Industrial location)	8	2.8E-07	2.8E-07	0.0%	0.1	0.07	0.0%
Residential (adult)	24	5.9E-07	5.9E-07	0.0%	0.1	0.1	0.1%
Residential (child)	24	6.6E-07	6.6E-07	0.0%	0.1	0.1	0.1%

Notes:

--: Not calculated

¹ See Figure 1-2 for EU locations Inside Camp Justice

² See Figure 2-23 for commercial/industrial and residential MPOI locations Outside Camp Justice

Table 6-7: Summary of Cumulative Cancer Risk and Noncancer Hazard by Location for Each Receptor - Including Vapor Deposition

Exposure Scenario/Location	hrs/day	Cancer Risk								Noncancer Hazard							
		ACI Lifetime 16 Years (Current)				ACI Lifetime 30 Years (Future)				ACI Lifetime 16 Years (Current)				ACI Lifetime 30 Years (Future)			
		Exposure Duration				Exposure Duration				Exposure Duration				Exposure Duration			
		9 months	3 years	6 years	25 years	9 months	3 years	6 years	25 years	9 months	3 years	6 years	25 years	9 months	3 years	6 years	25 years
Inside Camp Justice¹																	
Resident Workers																	
EU-1 (residence – Old Cuzcos)	16																
+ EU-3 (work site ELC)	8	6.4E-06	1.9E-05	3.8E-05	--	6.4E-06	1.9E-05	3.8E-05	--	3.9	3.9	3.9	--	3.9	3.9	3.9	--
+ EU-4 (work site AV-34)	8	7.4E-06	2.2E-05	4.5E-05	--	7.4E-06	2.2E-05	4.5E-05	--	3.3	3.3	3.3	--	3.3	3.3	3.3	--
+ EU-5 (work site AV-31)	8	5.2E-06	1.6E-05	3.1E-05	--	5.2E-06	1.6E-05	3.1E-05	--	3.4	3.4	3.4	--	3.4	3.4	3.4	--
+ EU-6 (work site AV-32)	8	6.4E-06	1.9E-05	3.8E-05	--	6.4E-06	1.9E-05	3.8E-05	--	3.9	3.9	3.9	--	3.9	3.9	3.9	--
+ EU-8 (work site AV-29)	8	6.1E-06	1.8E-05	3.7E-05	--	6.1E-06	1.8E-05	3.7E-05	--	3.7	3.7	3.7	--	3.7	3.7	3.7	--
EU-2 (residence – New Cuzcos)	16																
+ EU-3 (work site ELC)	8	8.7E-06	2.6E-05	5.2E-05	--	8.7E-06	2.6E-05	5.2E-05	--	5.1	5.1	5.1	--	5.1	5.1	5.1	--
+ EU-4 (work site AV-34)	8	9.8E-06	2.9E-05	5.9E-05	--	9.8E-06	2.9E-05	5.9E-05	--	4.5	4.5	4.5	--	4.5	4.5	4.5	--
+ EU-5 (work site AV-31)	8	7.5E-06	2.3E-05	4.5E-05	--	7.5E-06	2.3E-05	4.5E-05	--	4.6	4.6	4.6	--	4.6	4.6	4.6	--
+ EU-6 (work site AV-32)	8	8.7E-06	2.6E-05	5.2E-05	--	8.7E-06	2.6E-05	5.2E-05	--	5.1	5.1	5.1	--	5.1	5.1	5.1	--
+ EU-8 (work site AV-29)	8	8.5E-06	2.5E-05	5.1E-05	--	8.5E-06	2.5E-05	5.1E-05	--	4.9	4.9	4.9	--	4.9	4.9	4.9	--
EU-7 (residence – tents)	16																
+ EU-3 (work site ELC)	8	2.2E-06	6.5E-06	1.3E-05	--	2.2E-06	6.5E-06	1.3E-05	--	1.3	1.3	1.3	--	1.3	1.3	1.3	--
+ EU-4 (work site AV-34)	8	3.3E-06	9.8E-06	2.0E-05	--	3.3E-06	9.8E-06	2.0E-05	--	0.7	0.7	0.7	--	0.7	0.7	0.7	--
+ EU-5 (work site AV-31)	8	1.0E-06	3.0E-06	6.0E-06	--	1.0E-06	3.0E-06	6.0E-06	--	0.8	0.8	0.8	--	0.8	0.8	0.8	--
+ EU-6 (work site AV-32)	8	2.2E-06	6.6E-06	1.3E-05	--	2.2E-06	6.6E-06	1.3E-05	--	1.3	1.3	1.3	--	1.3	1.3	1.3	--
+ EU-8 (work site AV-29)	8	2.0E-06	5.9E-06	1.2E-05	--	2.0E-06	5.9E-06	1.2E-05	--	1.1	1.1	1.1	--	1.1	1.1	1.1	--
Resident Workers																	
EU-7 (tents: residence + work site)	24	8.7E-07	--	--	--	8.7E-07	--	--	--	0.7	--	--	--	0.7	--	--	--
Workers Only																	
EU-3 (ELC)	8	1.3E-06	3.8E-06	7.7E-06	3.2E-05	1.3E-06	3.8E-06	7.7E-06	3.2E-05	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
EU-4 (AV-34)	8	2.4E-06	7.1E-06	1.4E-05	5.9E-05	2.4E-06	7.1E-06	1.4E-05	5.9E-05	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
EU-5 (AV-31)	8	1.2E-07	3.6E-07	7.2E-07	3.0E-06	1.2E-07	3.6E-07	7.2E-07	3.0E-06	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
EU-6 (AV-32)	8	1.3E-06	4.0E-06	7.9E-06	3.3E-05	1.3E-06	4.0E-06	7.9E-06	3.3E-05	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
EU-8 (AV-29)	8	1.1E-06	3.2E-06	6.4E-06	2.7E-05	1.1E-06	3.2E-06	6.4E-06	2.7E-05	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Combined (Work Inside/Live Outside Camp Justice)																	
EU-3 (ELC)/outside Camp Justice	8/16	1.4E-06	4.1E-06	8.1E-06	3.7E-05	1.4E-06	4.1E-06	8.1E-06	3.4E-05	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
EU-4 (AV-34)/outside Camp Justice	8/16	2.4E-06	7.3E-06	1.5E-05	6.5E-05	2.4E-06	7.3E-06	1.5E-05	6.1E-05	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
EU-5 (AV-31)/outside Camp Justice	8/16	2.0E-07	5.9E-07	1.2E-06	8.4E-06	2.0E-07	5.9E-07	1.2E-06	4.9E-06	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
EU-6 (AV-32)/outside Camp Justice	8/16	1.4E-06	4.2E-06	8.4E-06	3.8E-05	1.4E-06	4.2E-06	8.4E-06	3.5E-05	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
EU-8 (AV-29)/outside Camp Justice	8/16	1.1E-06	3.4E-06	6.9E-06	3.2E-05	1.1E-06	3.4E-06	6.9E-06	2.9E-05	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Outside Camp Justice²																	
Worker (Industrial location)	8	4.9E-08	1.5E-07	3.0E-07	2.8E-06	5.1E-08	1.5E-07	3.1E-07	1.3E-06	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
Residential (adult)	24	1.0E-07	3.0E-07	6.1E-07	7.1E-06	1.0E-07	3.1E-07	6.2E-07	2.6E-06	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Residential (child)	24	--	4.8E-07	8.9E-07	--	--	5.3E-07	1.0E-06	--	--	0.2	0.2	--	--	0.2	0.2	--

Notes:

--: Not calculated

9-Month Exposure Duration = 270 days

¹ See Figure 1-2 for EU locations Inside Camp Justice

² See Figure 2-23 for commercial/industrial and residential MPOI locations Outside Camp Justice

Table 6-8: Comparison of Cumulative Cancer Risk and Noncancer Hazard in Section 5 with Risks Including Vapor Deposition

Exposure Scenario/Location	hrs/day	Cancer Risk			Hazard Index		
		ACI Lifetime 16 Years (Current)					
		Risk Results from Section 5 of the HHRA (Original Analysis)	Section 5 Risk + Vapor Deposition Risks	% Difference	Risk Results from Section 5 of the HHRA (Original Analysis)	ACI Only Risks (Sensitivity Analysis)	Section 5 Risk + Vapor Deposition Risks
Exposure Duration = 6 years							
Inside Camp Justice*							
Resident Workers							
EU-1 (Residence – Old Cuzcos)	16						
+ EU-3 (work site ELC)	8	3.8E-05	3.8E-05	0.0%	3.9	3.9	0.0%
+ EU-4 (work site AV-34)	8	4.5E-05	4.5E-05	0.0%	3.3	3.3	0.0%
+ EU-5 (work site AV-31)	8	3.1E-05	3.1E-05	0.0%	3.4	3.4	0.0%
+ EU-6 (work site AV-32)	8	3.8E-05	3.8E-05	0.0%	3.9	3.9	0.0%
+ EU-8 (work site AV-29)	8	3.7E-05	3.7E-05	0.0%	3.7	3.7	0.0%
EU-2 (Residence – New Cuzcos)	16						
+ EU-3 (work site ELC)	8	5.2E-05	5.2E-05	0.0%	5.1	5.1	0.0%
+ EU-4 (work site AV-34)	8	5.9E-05	5.9E-05	0.0%	4.5	4.5	0.0%
+ EU-5 (work site AV-31)	8	4.5E-05	4.5E-05	0.0%	4.6	4.6	0.0%
+ EU-6 (work site AV-32)	8	5.2E-05	5.2E-05	0.0%	5.1	5.1	0.0%
+ EU-8 (work site AV-29)	8	5.1E-05	5.1E-05	0.0%	4.9	4.9	0.0%
EU-7 (Residence – tents)	16						
+ EU-3 (work site ELC)	8	1.3E-05	1.3E-05	0.0%	1.3	1.3	0.0%
+ EU-4 (work site AV-34)	8	2.0E-05	2.0E-05	0.0%	0.7	0.7	0.0%
+ EU-5 (work site AV-31)	8	6.0E-06	6.0E-06	0.0%	0.8	0.8	0.0%
+ EU-6 (work site AV-32)	8	1.3E-05	1.3E-05	0.0%	1.3	1.3	0.0%
+ EU-8 (work site AV-29)	8	1.2E-05	1.2E-05	0.0%	1.1	1.1	0.0%
Resident Workers							
EU-7 (tents: residence + work site)	24	--	--	--	--	--	--
Workers Only							
EU-3 (ELC)	8	7.7E-06	7.7E-06	0.0%	0.8	0.8	0.0%
EU-4 (AV-34)	8	1.4E-05	1.4E-05	0.0%	0.2	0.2	0.0%

Table 6-8: Comparison of Cumulative Cancer Risk and Noncancer Hazard in Section 5 with Risks Including Vapor Deposition

Exposure Scenario/Location	hrs/day	Cancer Risk			Hazard Index		
		ACI Lifetime 16 Years (Current)					
		Risk Results from Section 5 of the HHRA (Original Analysis)	Section 5 Risk + Vapor Deposition Risks	% Difference	Risk Results from Section 5 of the HHRA (Original Analysis)	ACI Only Risks (Sensitivity Analysis)	Section 5 Risk + Vapor Deposition Risks
		Exposure Duration = 6 years					
EU-5 (AV-31)	8	7.2E-07	7.2E-07	0.1%	0.2	0.2	-0.1%
EU-6 (AV-32)	8	7.9E-06	7.9E-06	0.0%	0.8	0.8	0.0%
EU-8 (AV-29)	8	6.4E-06	6.4E-06	0.0%	0.5	0.5	0.0%
Combined (Work Inside/Live Outside Camp Justice)							
EU-3 (ELC)/Outside Camp Justice	8/16	8.1E-06	8.1E-06	0.2%	0.9	0.9	-0.2%
EU-4 (AV-34)/Outside Camp Justice	8/16	1.5E-05	1.5E-05	0.1%	0.3	0.3	0.1%
EU-5 (AV-31)/Outside Camp Justice	8/16	1.2E-06	1.2E-06	1.3%	0.4	0.3	-0.5%
EU-6 (AV-32)/Outside Camp Justice	8/16	8.3E-06	8.4E-06	0.2%	0.9	0.9	-1.4%
EU-8 (AV-29)/Outside Camp Justice	8/16	6.8E-06	6.9E-06	0.2%	0.6	0.6	-0.1%
Outside Camp Justice**							
Worker (Industrial location)	8	2.8E-07	3.0E-07	5.9%	0.1	0.07	-1.2%
Residential (adult)	24	5.9E-07	6.1E-07	2.8%	0.1	0.1	1.6%
Residential (child)	24	6.6E-07	8.9E-07	34.9%	0.1	0.2	12.4%

Notes:

--: Not calculated

¹ See Figure 1-2 for EU locations Inside Camp Justice

² See Figure 2-23 for commercial/industrial and residential MPOI locations Outside Camp Justice



NAVY AND MARINE CORPS PUBLIC HEALTH CENTER

PREVENTION AND PROTECTION START HERE

Appendix A

Issue Summaries



NAVY AND MARINE CORPS PUBLIC HEALTH CENTER

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Memo



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To: Yvonne Walker & Dr. Paul Gillooly
From: Chris Waldron, P.E.
Date: March 25, 2016
Subject: Naval Station Guantanamo Bay Human Health Risk Assessment Issue Summaries

Introduction

Below are key, site-specific issues that need to be addressed prior to performing the air dispersion modeling and Naval Station Guantanamo Bay (NSGB) human health risk assessment (HHRA). Each issue is followed by a brief discussion and the Navy and Marine Corps Public Health Center's (NMCPHC's) decision.

Issue Summaries

1. **Issue:** Should the air dispersion modeling effort and HHRA be restricted to receptors who work and live on NSGB or should receptors who work and live in Cuba (i.e., Cuban citizens) who could potentially be impacted by ACI emissions be evaluated in the HHRA?

Discussion: The purpose of this issue summary is to discuss whether or not Cuban citizens will be included in the HHRA which is a key decision that will significantly impact the HHRA. For example, the size of the receptor grid (i.e., locations where airborne concentrations and deposition will be modeled) and the exposure scenarios evaluated in the HHRA will increase if Cuban citizens are included in the HHRA.

NMCPHC's Decision on 03/02/16: Cuban citizens will not be included in the HHRA and the receptor grid will be limited to NSGB only. Therefore, a farmer exposure scenario and subsistence fisher exposure scenario will not be included in the HHRA since these exposure scenarios are not permitted within NSGB.

2. **Issue:** What grid size and receptor grid-node spacing should be used in the dispersion/deposition model to support the NSGB HHRA?

Discussion: The purpose of this issue summary is to present the importance of grid size and receptor grid-node spacing in the modeling process. Grid size represents the entire area included in the air dispersion modeling and HHRA. Receptor grid-node spacing refers to the number of points (i.e., receptor locations or nodes) within that overall area at which airborne concentrations and deposition rates will be calculated.

Grid size is determined primarily by the areal extent of the property on which the population(s) being evaluated live and/or work. For example, if impacts were thought to diminish to very low levels (possibly insignificant) at a distance of 40 kilometers from a source, but a major population center existed at a distance of 45 kilometers, it might be important to extend the modeling domain out to 50 kilometers to encompass the population center. However, models are only valid to a certain distance from the emission source, thus it is important not to extend the model predictions beyond the range of applicability of the model being used.

Grid-node spacing represents the spacing between subsequent points where air concentrations and deposition will be modeled. Small grid-node spacing provides a greater likelihood that a modeled grid node will be located near a receptor location of interest than large grid-node space; however, a large number of receptors must be modeled when using a

small grid node. One way to provide a reasonable limit on the number of receptor locations is to use a nested grid system, where a small grid-node spacing is used near the source, and a large grid spacing is used away from the source.

NMCPHC's Decision on 03/02/16: The receptor grid will be limited to NSGB only. A grid size of 50 kilometers from the ACIs is recommended (i.e., 50 km N↔S and 50 km E↔W centered at the ACIs; see Figure 1). A nested grid-node system is proposed with the outer (coarse) grid-node spacing set at 2.0 kilometers. For the area within 100 meters of the ACIs, a grid-node spacing of 100 meters will be used, and for the NSGB, grid-node spacing of 250 meters will be used. A grid-node spacing of 2 kilometers will be used for the Caribbean Sea directly south of NSGB. Up to 15 additional receptor locations may be added if coverage is not adequate in the areas evaluated in the risk assessment.

3. **Issue:** Which exposure scenarios should be evaluated in the NSGB HHRA?

Discussion: In the HHRA Protocol for Hazardous Waste Combustion Facilities (Combustor Protocol), the United States Environmental Protection Agency (USEPA) recommends that a subsistence farmer scenario, residential scenario, and subsistence fisherman/residential scenario be evaluated in the risk assessment (USEPA 2005). Where appropriate, this HHRA will be performed in accordance with the USEPA's Combustor Protocol. Application of the default assumptions in the Combustor Protocol results in a conservative (i.e., health protective) HHRA since protective assumptions are made in lieu of site-specific information (i.e., when site-specific information is not available). The USEPA Combustor Protocol identifies the following default assumptions:

- Exposure scenarios (including residential, subsistence farmer, and subsistence fisher)
- Exposed populations (including adult, child, and infant receptors)
- Exposure pathways (including inhalation of air, ingestion of soil and ingestion of homegrown produce, beef, dairy products, pork, chicken, eggs, and locally caught fish)
- Indirect exposure modeling algorithms and default values (including formulas used to calculate uptake by, and deposition of chemicals on, crops and transfer of chemicals from feed to meat, milk, and eggs)
- Exposure algorithms and exposure factor values (including ingestion rates, body weights, averaging times, percentage of food consumed that is homegrown, exposure frequency and exposure duration)

NMCPHC's Decision on 03/07/16: The following exposure scenarios will be evaluated in the ACI Facility HHRA:

- A 9-month adult, active-duty military worker (who lives and works at Camp Justice)
The 9-month exposure duration was assumed to be 270 days per year (to represent the Navy's typical [unescorted] tour length at NSGB)
- A 3-year adult, active-duty military worker (who works at Camp Justice and lives on NSGB outside of Camp Justice)¹
 - The exposure frequency at work was assumed to be 250 days per year.
 - The exposure frequency at home was assumed to be 350 days per year.

¹ A 3-year exposure duration was assumed because it represents the Navy's typical (escorted) tour length at a duty station.

- A 3-year child who lives on NSGB outside of Camp Justice
The exposure frequency at home was assumed to be 350 days per year.
- A 6-year adult, active-duty military worker (who works at Camp Justice and lives on NSGB outside of Camp Justice)²
 - The exposure frequency at work was assumed to be 250 days per year.
 - The exposure frequency at home was assumed to be 350 days per year.
- A 6-year child who lives on NSGB outside of Camp Justice
The exposure frequency at home was assumed to be 350 days per year.
- A 25-year adult, commercial/industrial worker (who works at Camp Justice but also lives on NSGB outside of Camp Justice)³

The exposure scenarios presented above will be evaluated via the following exposure pathways:

- Inhalation of air
- Incidental soil ingestion
- Dermal contact with soil
- Ingestion of recreationally caught fish/shellfish

4. **Issue:** How shall ACI emission data be used to generate model inputs?

Discussion: The purpose of this issue summary is to identify that an experienced stack testing firm will sample ACI emissions using USEPA-approved methods and procedures. In order to obtain representative ACI emissions during typical operating conditions, 5 samples will be collected during the day when the ACI fan is running and 5 samples will be collected during the night (i.e., after 1600 hours) when the ACI fan is not running. These test results are the most important information available for determining ACI emission rates. In addition, these tests provide valuable information on the emission conditions, including the stack gas temperatures, volumetric flow rates, and other critical information needed for the air quality modeling and subsequent HHRA.

One of the goals of the HHRA is to evaluate the potential long-term health impacts associated with ACI emissions. In order to do so, it is necessary to use the information currently available to estimate what is likely to be emitted throughout the operational life of the ACIs. One option is to use the maximum value detected for each chemical; however, this is unrealistic because this assumes that the highest detected emission rate will be emitted continuously for the operational life of the ACI. A second option is to use an upper-bound value (e.g., the 95% upper confidence limit on the arithmetic mean [95%UCL]). The third option is to use a value that represents the central tendency of the data (e.g., an average).

² A 6-year exposure duration was assumed because it represents the Navy's maximum (escorted) tour length at a duty station.

³ A 25-year exposure duration was assumed because it represents the USEPA's default exposure duration for commercial workers.

NMCPHC's Decision on 03/02/16: The average of the values from the stack tests will be used to establish the emission rates for the HHRA. The maximum detected value will be used if the average is greater than the average value (the average could be greater than the maximum due to elevated sample quantitation limits). Chemical concentrations expressed in parts per million (ppm) will be converted to a mass emission rate using the ideal gas law equation, where appropriate. Nondetected results will be included in the calculation of the average concentration using half of the sample quantitation limits.

5. Issue: What ACI operation time frame should be assumed in the risk calculations?

Discussion: The purpose of this issue summary is to discuss that when chemical concentrations in soil (and other receiving media) resulting from airborne deposition associated with ACI emissions occurs, it is necessary to determine how long the ACIs will be operating. Determining the operational time frame for the ACIs is important because for some chemicals, concentrations increase over time due to deposition. For example, the soil concentration predicted for a chemical in year 20 will be higher than the soil concentration predicted for the chemical in year one (assuming that biodegradation and other loss factors are not significant). The Combustor Protocol provides the following guidance for selecting operational time frames:

“For existing facilities, USEPA assumes that this period of time can be represented by default time periods of 30, 60, or 100 years. These values are based on the assumptions that the hazardous waste combustion unit or the emission source (1) is already in place, (2) will continue to be used for the rest of its useful life (estimated to be 30 years), and (3) may be replaced when it reaches the end of its useful life (estimated to be possibly as long as 60 or 100 years), because it is an integral part of the facility operations. These assumptions are reasonable for a hazardous waste emission source, such as an industrial boiler burning a continuous stream of facility hazardous waste.”

Several operational time frames could be selected for the ACIs, including:

- XX years – Actual life of the NSGB ACIs (to be determined).
- 30 years – The estimated useful life of “hazardous waste combustion units.”
- 40 years – The longest exposure duration identified in the Combustor Protocol.
- 50 years – Half of the longest operational lifetime identified in the Combustor Protocol.
- 100 years – The longest operational lifetime identified in the Combustor Protocol.

NMCPHC's Decision on 03/24/16: The operational time frame for the ACIs for current exposure scenarios in the HHRA will be 16 years. An operational time frame of 16 years was selected for current exposures because the ACIs began operating in 2000 and are still operating. Current exposure scenarios will address receptors who were stationed at NSGB between 2000 and 2016. The operational time frame for the ACI for future exposure scenarios evaluated in the HHRA will be 30 years. An operational time frame of 30 years was selected for future exposures because the ACIs are currently operating and will continue operating into the foreseeable future. Future exposure scenarios will address receptors who will be stationed at NSGB from 2000 and 2030. In addition, receptors will be evaluated assuming that deposition has occurred prior to exposure. For example, exposures for a resident who is exposed for 25 years will be

calculated based on deposition from years 5 through 30. Using this approach will result in a higher exposure than if the exposure started at year zero and continued through year 25 because it accounts for the 5 years of deposition that occurred before the exposure began.

Selecting the appropriate ACI operational time frame is a risk management decision that cannot be based on scientific information alone. Considerations should be taken into account when evaluating this decision. For example, the ACIs will likely continue to operate as long as it is allowed by the DoD, which could extend the ACIs operational time frame. However, new technologies or approaches may be developed at any time, which could result in the obsolescence of the ACIs and reduce the ACIs operational time frame.

6. **Issue:** Which receptor locations should be evaluated in the NSGB HHRA?

Discussion: The purpose of this issue summary is to identify the locations where exposure scenarios (e.g., locations where residents who work on Camp Justice live at NSGB) are assumed to occur.

The following should be taken into account when selecting receptor locations:

- **Current and Future Land Use** – The receptor locations should be based on plausible current and future land use.
- **Health Protectiveness** – The receptor locations should provide upper-bound estimates of the potential risks. Accounting for upper-bound estimates of potential risks ensures that the risks at other locations, while not calculated, are known to be lower than the receptor locations evaluated in the HHRA. In the Combustor Protocol, the USEPA recommends that the selected receptor locations be representative of the areas that have the highest airborne chemical concentrations in air and highest deposition for specific land uses.
- **Community Input** – The selected receptor locations should reflect the concerns and the input of the affected community.

NMCPHC's Decision on 03/02/16: The following receptor locations (i.e., the locations with the highest total deposition outside of the ACI area but within the NSGB boundary) will be used to assess the potential risks for all exposure scenarios.

- The receptor location with the highest potential risks (i.e., maximum point of impingement [MPOI]) modeled within Camp Justice.
- The MPOI for all receptor locations modeled at NSGB within the residential areas located outside of Camp Justice.
- The MPOI for all receptor locations modeled at NSGB within commercial/industrial areas and located outside of Camp Justice.

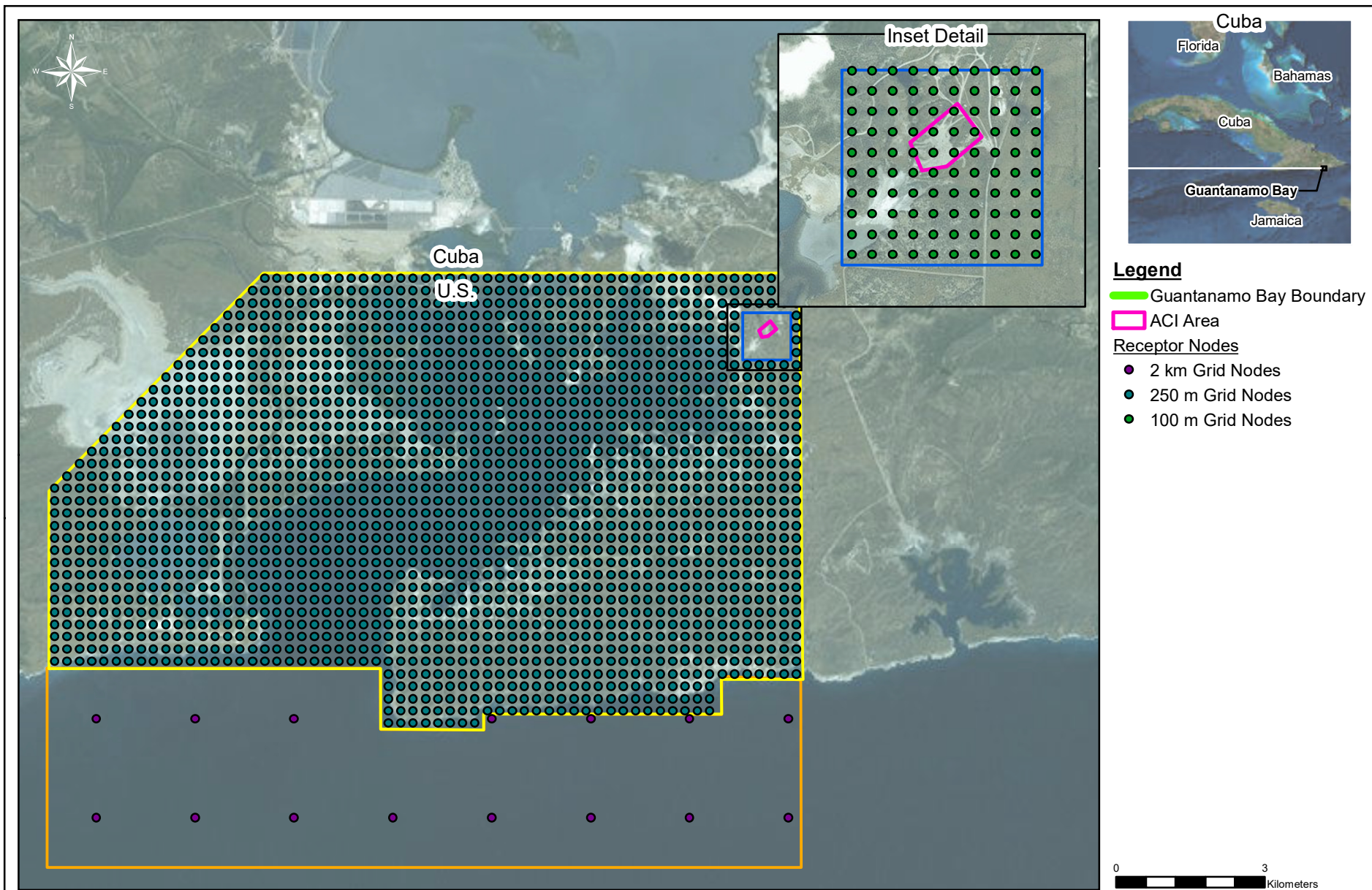
In addition, up to 10 specific receptor locations (e.g., housing areas and/or Camp Justice) may be included as receptor locations evaluated in the HHRA.

References

USEPA 2005. Human Health Risk Assessment Protocol for Hazardous Waste Combustion Facilities. USEPA Office of Solid Waste. September.

Enclosures

Figure 1 Proposed Receptor Air Modeling Nodes



Proposed Receptor Air Modeling Nodes
Air Curtain Incinerator Receptor Grid Evaluation
Guantanamo Bay, Cuba

Figure 1



NAVY AND MARINE CORPS PUBLIC HEALTH CENTER

PREVENTION AND PROTECTION START HERE

Appendix B

Identification of COPCs Inside Camp Justice



NAVY AND MARINE CORPS PUBLIC HEALTH CENTER

PREVENTION AND PROTECTION START HERE

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List of Acronyms

Acronym	Definition
COPC	Chemical of Potential Concern
EF	Exceedance Factor
HHRA	Human Health Risk Assessment
NSGB	Naval Station Guantanamo Bay
MCL	Maximum Contaminant Level
PAH	Polycyclic Aromatic Hydrocarbons
RSL	Regional Screening Level
SL	Screening Level
USEPA	United States Environmental Protection Agency



Identification of Chemicals of Potential Concern

The purpose of this appendix is to present the screening approach used to identify the chemicals of potential concern (COPCs) for Inside Camp Justice as part of the Naval Station Guantanamo Bay (NSGB) Human Health Risk Assessment (HHRA). Chemical concentrations detected at NSGB during an October 2015 multimedia sampling event and an April 2016 soil and air sampling event were compared to screening levels (SLs) to calculate exceedance factors to identify COPCs.

Data

An October 2015 multimedia sampling event was conducted to characterize the nature and extent of concentrations in soil, tap water, outdoor air, indoor air, paint chips, and ionizing radiation at Camp Justice. An additional sampling event was conducted in April 2016 to evaluate mercury and formaldehyde concentrations in air, and polycyclic aromatic hydrocarbons (PAH) concentrations in soil detected above screening levels (SLs) in the October 2015 sampling event. Maximum detected concentrations from October 2015 sampling event and maximum detected mercury and PAH concentrations from the April 2016 were included in the COPC screening. The April 2016 formaldehyde data were not included in the screening because the data are not representative of historical (past 16 years) air concentrations in the Cuzcos since the Office of Military Commissions implemented changes to the air handling system (e.g., wiring bathroom fans to run 24 hours a day/7 days a week) to reduce formaldehyde concentrations in indoor air. Modeled data from the air curtain incinerator emissions are not included in this screening.

Screening Levels

United States Environmental Protection Agency (USEPA) regional screening levels (RSLs) were used as the SLs for soil, indoor air, and outdoor air, and USEPA maximum contaminant levels (MCLs) were used as the SLs for tap water. The maximum measured concentrations for soil, indoor air, and outdoor air were compared to one-tenth of the USEPA default 26-year residential RSL values, which correspond to a cancer risk of $1E-07$ and a noncancer hazard index of 0.10. This comparison was used for the residential scenario to evaluate the worst-case scenario (i.e., residential scenario) to be conservative for screening purposes.

Calculation of Exceedance Factors

The EFs were calculated by dividing the maximum detected chemical concentrations by the chemical-specific SLs for all chemicals detected in soil, indoor air, outdoor air, and tap water within Camp Justice.



An EF greater than 1 indicates that at least one chemical concentration at a sample location was greater than the SL. An EF of 10 indicates that at least one chemical concentration at a sample location was greater than 10 times the SL.

COPCs

The COPCs for Camp Justice are presented in Tables B-1 through B-4. No COPCs were identified for tap water. The following table summarizes the number of COPCs by medium.

Medium	Number of Chemicals Analyzed	Number of Exceedances ⁽¹⁾	Number of COPCs
Soil	175	25	25
Indoor air	65	14	14
Outdoor air	63	4	4
Tap water	13	1	0 ⁽²⁾

Notes:

⁽¹⁾ Based on 1/10th of USEPA 26-Year Default Residential RSL

⁽²⁾ No COPCs were identified for tap water. One chemical concentration slightly exceeded the MCL in a portable men's latrine (total trihalomethanes were detected at 81 µg/L, [the MCL is 80 µg/L] in one of 18 tap water samples). The slightly elevated concentration was likely attributable to the water distribution system post-riser, as water travels through plastic and/or rubber hosing.



Table B-1: COPCs in Soil

Chemical	Maximum Detected Concentration (mg/kg)	RSL (1/10 th the USEPA Default 26-Year Residential RSL) (mg/kg)	EF	COPC?
1,1'-Biphenyl	ND	8.7	--	--
1,2,4,5-Tetrachlorobenzene	ND	2.3	--	--
1,4-Dioxane	ND	0.53	--	--
1-Methylnaphthalene	0.43	1.8	0.24	No
2,3,4,6-Tetrachlorophenol	ND	190	--	--
2,4,5-Trichlorophenol	ND	630	--	--
2,4,5-Trichlorophenoxyacetic Acid	ND	63	--	--
2,4,5-Trichlorophenoxypropionic Acid	ND	51	--	--
2,4,6-Trichlorophenol	ND	4.9	--	--
2,4-Dichlorophenol	ND	19	--	--
2,4-Dichlorophenoxy Acetic Acid	ND	70	--	--
2,4-Dimethylphenol	ND	130	--	--
2,4-Dinitrophenol	ND	13	--	--
2,4-Dinitrotoluene	1.8	0.17	11	Yes
2,6-Dinitrotoluene	2.4	0.036	67	Yes
2-Chlorophenol	ND	39	--	--
2-Methylnaphthalene	0.47	24	0.020	No
2-Nitroaniline	ND	63	--	--
2-Nitrophenol	ND	No Value	--	--
3- & 4-Methylphenol Coelution	ND	No Value	--	--
3,3'-Dichlorobenzidine	ND	0.12	--	--
3-Nitroaniline	ND	No Value	--	--
4-(2,4-Dichlorophenoxy)butyric Acid	ND	51	--	--
4,6-Dinitro-o-cresol	ND	0.51	--	--
4-Bromophenylphenylether	0.40	No Value	--	--
4-Chlorophenylphenylether	ND	No Value	--	--
4-Nitroaniline	ND	2.7	--	--
4-Nitrophenol	ND	No Value	--	--
Acenaphthene	3.2	360	0.0089	No
Acenaphthylene	0.17	No Value	--	--
Acetophenone	ND	780	--	--
Aldrin	ND	0.0039	--	--
alpha-Chlordane	0.16	No Value	--	--
alpha-Hexachlorocyclohexane	ND	0.0086	--	--
Aluminum	29,000	7,700	3.8	Yes
Anthracene	4.8	1,800	0.0027	No
Antimony (metallic)	8.8	3.1	2.8	Yes
Aroclor 1016	ND	0.67	--	--
Aroclor 1221	ND	0.020	--	--
Aroclor 1232	ND	0.017	--	--
Aroclor 1242	ND	0.023	--	--
Aroclor 1248	ND	0.023	--	--
Aroclor 1254	ND	0.024	--	--
Aroclor 1260	ND	0.024	--	--
Arsenic, Inorganic	25	0.068	368	Yes
Atrazine	ND	0.24	--	--
Azinphos Ethyl	ND	No Value	--	--
Barium	1,200	1,500	0.80	No
Benz[a]anthracene	19	0.016	1,188	Yes
Benzaldehyde	ND	780	--	--
Benzo(g,h,i)perylene	6.8	No Value	--	--



Table B-1: COPCs in Soil

Chemical	Maximum Detected Concentration (mg/kg)	RSL (1/10 th the USEPA Default 26-Year Residential RSL) (mg/kg)	EF	COPC?
Benzo[a]pyrene	16	0.0016	10,000	Yes
Benzo[b]fluoranthene	26	0.016	1,625	Yes
Benzo[k]fluoranthene	14	0.16	88	Yes
Beryllium and compounds	1.0	160	0.0063	No
beta-Chloronaphthalene	ND	480	--	--
beta-Hexachlorocyclohexane	ND	0.030	--	--
Bis(2-chloro-1-methylethyl) ether	ND	310	--	--
Bis(2-chloroethoxy)methane	ND	19	--	--
Bis(2-chloroethyl)ether	ND	0.023	--	--
Bis(2-ethylhexyl)phthalate	1.7	3.9	0.44	No
Bolstar	ND	No Value	--	--
Butyl Benzyl Phthlate	0.15	29	0.0052	No
Cadmium	9.5	No Value	--	--
Calcium	320,000	No Value	--	--
Caprolactam	ND	3,100	--	--
Carbazole	2.6	No Value	--	--
Chlordane	0.32	No Value	--	--
Chlordecone (Kepon)	3.5	0.0054	648	Yes
Chlorobenzilate	ND	0.49	--	--
Chlorpyrifos	ND	6.3	--	--
Chromium, Total	850	No Value	--	--
Chrysene	20	1.6	13	Yes
Cobalt	97	42	2.3	Yes
Copper	95	310	0.31	No
Coumaphos	ND	No Value	--	--
Dalapon	ND	190	--	--
DDD	ND82	0.23	--	--
DDE	16	0.20	80	Yes
DDT	0.66	0.19	3.5	Yes
delta-Hexachlorocyclohexane	ND	No Value	--	--
Demeton	ND	0.25	--	--
Demeton-o	ND	No Value	--	--
Demeton-S	ND	No Value	--	--
Diazinon	ND	4.4	--	--
Dibenz[a,h]anthracene	3.1	0.0016	1,938	Yes
Dibenzofuran	1.1	7.3	0.15	No
Dibutyl-n-butyl Phthalate	0.22	630	0.00035	No
Dicamba	ND	190	--	--
Dichlorprop	ND	No Value	--	--
Dichlorvos	ND	0.19	--	--
Dieldrin	0.17	0.0034	50	Yes
Diesel Range Organics [C10-C28]	360	No Value	--	--
Diethyl Phthalate	ND	5,100	--	--
Dimethoate	ND	1.3	--	--
Dimethyl Phthalate	ND	No Value	--	--
Di-n-octyl Phthalate	ND	63	--	--
Dinoseb	ND	6.3	--	--
Disulfoton	ND	0.25	--	--
Endosulfan I	ND	No Value	--	--
Endosulfan II	ND0065	No Value	--	--
Endosulfan sulfate	ND	No Value	--	--



Table B-1: COPCs in Soil

Chemical	Maximum Detected Concentration (mg/kg)	RSL (1/10 th the USEPA Default 26-Year Residential RSL) (mg/kg)	EF	COPC?
Endrin	ND	1.9	--	--
Endrin aldehyde	ND	No Value	--	--
Endrin ketone	ND17	No Value	--	--
Ethoprop	ND	No Value	--	--
Ethyl-p-nitrophenyl Phosphonate	ND	0.063	--	--
Famphur	ND	No Value	--	--
Fensulfothion	ND	No Value	--	--
Fenthion	ND	No Value	--	--
Fluoranthene	40	240	0.17	No
Fluorene	1.8	240	0.0075	No
gamma-Chlordane	ND43	No Value	--	--
Gasoline Range Organics [C6-C10]	0.58	No Value	--	--
Guthion	ND	19	--	--
Heptachlor	ND	0.013	--	--
Heptachlor Epoxide	ND	0.0070	--	--
Hexachlorobenzene	ND	0.021	--	--
Hexachlorobutadiene	ND	0.12	--	--
Hexachlorocyclohexane, Gamma- (Lindane)	ND	0.057	--	--
Hexachlorocyclopentadiene	ND	0.18	--	--
Hexachloroethane	ND	0.18	--	--
Indeno[1,2,3-cd]pyrene	4.1	0.016	256	Yes
Iron	74,000	5,500	13	Yes
Isodrin	ND	No Value	--	--
Isophorone	ND	57	--	--
Jet Fuel	ND	No Value	--	--
Kerosene	ND	No Value	--	--
Lead and Compounds	260	40	6.5	Yes
Magnesium	130,000	No Value	--	--
Malathion	ND	130	--	--
Manganese	1,300	No Value	--	--
MCPA	ND	3.2	--	--
MCPP	ND	6.3	--	--
Mercury (elemental)	4.0	1.1	3.6	Yes
Merphos	ND	0.23	--	--
Methoxychlor	ND	32	--	--
Methyl Parathion	ND	1.6	--	--
Mevinphos	ND	No Value	--	--
Motor Oil Range Organics (~C14~C50)	ND	No Value	--	--
Naled	ND	16	--	--
Naphthalene	0.59	0.38	1.6	Yes
Nickel Soluble Salts	1,700	1,500	1.1	Yes
Nitrobenzene	ND	0.51	--	--
N-Nitroso-di-N-propylamine	ND	0.0078	--	--
N-Nitrosodiphenylamine	ND	11	--	--
O,O,O-Triethylphosphorothioate	ND	No Value	--	--
o-Cresol	ND	320	--	--
Parathion	ND	38	--	--
p-Chloroaniline	1.1	0.27	4.1	Yes
p-chloro-m-Cresol	ND	630	--	--
Pentachlorophenol	ND	0.10	--	--
Phenanthrene	34	No Value	--	--



Table B-1: COPCs in Soil

Chemical	Maximum Detected Concentration (mg/kg)	RSL (1/10 th the USEPA Default 26-Year Residential RSL) (mg/kg)	EF	COPC?
Phenol	ND	1,900	--	--
Phorate	ND	1.3	--	--
Phosmet	ND	130	--	--
Potassium	3,000	No Value	--	--
Propazine	ND	130	--	--
Prothiophos	ND	No Value	--	--
Pyrene	41	180	0.23	No
Ronnel	ND	390	--	--
Selenium	1.6	39	0.041	No
Silver	2.6	39	0.067	No
Simazine	ND	0.45	--	--
Sodium	1,500	No Value	--	--
Stirofos (Tetrachlorovinphos)	ND	2.3	--	--
Tetraethyl Dithiopyrophosphate	ND	3.2	--	--
Thallium (Soluble Salts)	0.91	0.078	12	Yes
Thionazin	ND	No Value	--	--
Total Carcinogenic PAHS (BaP TEQs)	23	0.0016	14,263	Yes
Total PCBS (Sum Aroclors)	ND	No Value	--	--
Toxaphene	ND	0.049	--	--
Trichloronate	ND	No Value	--	--
Vanadium	130	No Value	--	--
Zinc and Compounds	440	2,300	0.19	No

Notes:

ND: Non-detect



Table B-2: COPCs in Indoor Air

Chemical	Maximum Detected Concentration (ug/m ³)	RSL (1/10th the USEPA Default 26-Year Residential RSL) (ug/m ³)	EF	COPC?
1,1,1-Trichloroethane	0.14	520	0.00027	No
1,1,2,2-Tetrachloroethane	ND	0.0048	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	0.64	3,100	0.00021	No
1,1,2-Trichloroethane	ND	0.018	--	--
1,1-Dichloroethane	0.019	0.18	0.11	No
1,1-Dichloroethylene	0.085	21	0.0040	No
1,2,4-Trichlorobenzene	ND	0.21	--	--
1,2,4-Trimethylbenzene	0.52	0.73	0.71	No
1,2-cis-Dichloroethylene	ND	No Value	--	--
1,2-Dibromoethane	ND	0.00047	--	--
1,2-Dichlorobenzene	ND	21	--	--
1,2-Dichloroethane	0.15	0.011	14	Yes
1,2-Dichloropropane	ND	0.028	--	--
1,2-trans-Dichloroethylene	0.030	No Value	--	--
1,3,5-Trimethylbenzene	0.16	No Value	--	--
1,3-Butadiene	0.14	0.0094	15	Yes
1,3-Dichlorobenzene	ND	No Value	--	--
1,4-Dichlorobenzene	ND	0.026	--	--
1,4-Dioxane	0.56	0.056	10.0	Yes
2,2,4-Trimethylpentane	0.44	No Value	--	--
2-Hexanone	0.78	3.1	0.25	No
4-Ethyltoluene	0.46	No Value	--	--
Acetone	92	3,200	0.029	No
Allyl Chloride	ND	0.047	--	--
Benzene	3.6	0.036	100	Yes
Benzyl Chloride	ND	0.0057	--	--
Bromodichloromethane	0.64	0.0076	84	Yes
Bromoform	2.9	0.26	11	Yes
Bromomethane	ND	0.52	--	--
Carbon Disulfide	0.55	73	0.0075	No
Carbon Tetrachloride	0.74	0.047	16	Yes
Chlorobenzene	0.34	5.2	0.065	No
Chloroform	1.5	0.012	125	Yes
Chloromethane	2.4	9.4	0.26	No
cis-1,3-Dichloropropene	ND	No Value	--	--
Cumene	0.19	42	0.0045	No
Cyclohexane	2.5	630	0.0040	No
Dibromochloromethane	1.0	No Value	--	--
Dichlorodifluoromethane	3.0	10.0	0.30	No
Ethanol	370	No Value	--	--
Ethyl Chloride	0.12	1,000	0.00012	No
Ethylbenzene	0.94	0.11	8.5	Yes
Formaldehyde	75	0.022	3,409	Yes
Freon 114	0.14	No Value	--	--
Heptane	1.2	No Value	--	--
Hexachlorobutadiene	ND	0.013	--	--
Isopropanol	26	21	1.2	Yes
m&p-Xylene	2.3	No Value	--	--
Mercury (elemental)	6.0	0.031	194	Yes
Methyl Ethyl Ketone (2-Butanone)	4.4	520	0.0085	No
Methyl Isobutyl Ketone (4-methyl-2-pentano	3.1	310	0.010	No



Table B-2: COPCs in Indoor Air

Chemical	Maximum Detected Concentration (ug/m³)	RSL (1/10th the USEPA Default 26-Year Residential RSL) (ug/m³)	EF	COPC?
Methyl tert-Butyl Ether (MTBE)	0.023	1.1	0.021	No
Methylene Chloride	6.5	10.0	0.65	No
N-Hexane	0.41	73	0.0056	No
o-Xylene	0.75	10.0	0.075	No
Propyl benzene	0.13	100	0.0013	No
Styrene	7.2	100	0.072	No
Tetrachloroethylene	0.22	1.1	0.20	No
Tetrahydrofuran	1.6	210	0.0076	No
Toluene	13	520	0.025	No
Total Xylenes	3.1	No Value	--	--
trans-1,3-Dichloropropene	ND	No Value	--	--
Trichloroethylene	0.85	0.048	18	Yes
Trichlorofluoromethane	1.9	No Value	--	--
Vinyl Chloride	0.061	0.017	3.6	Yes

Notes:

ND: Non-detect



Table B-3: COPCs in Outdoor Air

Chemical	Maximum Detected Concentration (ug/m ³)	RSL (1/10th the USEPA Default 26-Year Residential RSL) (ug/m ³)	EF	COPC?
1,1,1-Trichloroethane	0.022	520	0.000042	No
1,1,2,2-Tetrachloroethane	ND	0.0048	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	0.75	3,100	0.00024	No
1,1,2-Trichloroethane	ND	0.018	--	--
1,1-Dichloroethane	ND	0.18	--	--
1,1-Dichloroethylene	ND	21	--	--
1,2,4-Trichlorobenzene	ND	0.21	--	--
1,2,4-Trimethylbenzene	0.14	0.73	0.19	No
1,2-cis-Dichloroethylene	ND	No Value	--	--
1,2-Dibromoethane	ND	0.00047	--	--
1,2-Dichlorobenzene	ND	21	--	--
1,2-Dichloroethane	0.035	0.011	3.2	Yes
1,2-Dichloropropane	ND	0.028	--	--
1,2-trans-Dichloroethylene	ND	No Value	--	--
1,3,5-Trimethylbenzene	ND	No Value	--	--
1,3-Butadiene	ND	0.0094	--	--
1,3-Dichlorobenzene	ND	No Value	--	--
1,4-Dichlorobenzene	ND	0.026	--	--
1,4-Dioxane	ND	0.056	--	--
2,2,4-Trimethylpentane	ND	No Value	--	--
2-Hexanone	ND	3.1	--	--
4-Ethyltoluene	ND	No Value	--	--
Acetone	19	3,200	0.0059	No
Allyl Chloride	ND	0.047	--	--
Benzene	0.34	0.036	9.4	Yes
Benzyl Chloride	ND	0.0057	--	--
Bromodichloromethane	ND	0.0076	--	--
Bromoform	ND	0.26	--	--
Bromomethane	ND	0.52	--	--
Carbon Disulfide	0.25	73	0.0034	No
Carbon Tetrachloride	0.54	0.047	11	Yes
Chlorobenzene	ND	5.2	--	--
Chloroform	0.084	0.012	7.0	Yes
Chloromethane	1.7	9.4	0.18	No
cis-1,3-Dichloropropene	ND	No Value	--	--
Cumene	ND	42	--	--
Cyclohexane	ND	630	--	--
Dibromochloromethane	ND	No Value	--	--
Dichlorodifluoromethane	2.8	10.0	0.28	No
Ethanol	8.8	No Value	--	--
Ethyl Chloride	0.097	1,000	0.000097	No
Ethylbenzene	0.10	0.11	0.91	No
Freon 114	0.13	No Value	--	--
Heptane	0.23	No Value	--	--
Hexachlorobutadiene	ND	0.013	--	--
Isopropanol	0.76	21	0.036	No
m&p-Xylene	0.28	No Value	--	--
Methyl Ethyl Ketone (2-Butanone)	2.6	520	0.0050	No
Methyl Isobutyl Ketone (4-methyl-2-pentano	ND	310	--	--
Methyl tert-Butyl Ether (MTBE)	ND	1.1	--	--
Methylene Chloride	ND	10.0	--	--



Table B-3: COPCs in Ambient Air

Chemical	Maximum Detected Concentration (ug/m ³)	RSL (1/10th the USEPA Default 26-Year Residential RSL) (ug/m ³)	EF	COPC?
N-Hexane	0.18	73	0.0025	No
o-Xylene	0.15	10.0	0.015	No
Propyl benzene	ND	100	--	--
Styrene	ND	100	--	--
Tetrachloroethylene	ND	1.1	--	--
Tetrahydrofuran	ND	210	--	--
Toluene	0.84	520	0.0016	No
Total Xylenes	0.43	No Value	--	--
trans-1,3-Dichloropropene	ND	No Value	--	--
Trichloroethylene	0.017	0.048	0.35	No
Trichlorofluoromethane	1.7	No Value	--	--
Vinyl Chloride	ND	0.017	--	--

Notes:

ND: Non-detect



Table B-4: COPCs in Tap Water

Chemical	Maximum Detected Concentration (ug/L)	USEPA MCL (ug/L)	EF	COPC?
Bromodichloromethane	5.6	80	0.070	No
Bromoform	57	80	0.71	No
Chloroacetic Acid	0.49	60	0.0082	No
Chloroform	2.8	80	0.035	No
Copper	49	1,300	0.038	No
Dibromoacetic Acid	16	No Value	--	--
Dibromochloromethane	17	80	0.21	No
Dichloroacetic Acid	2.8	60	0.047	No
Lead and Compounds	11	15	0.73	No
Monobromoacetic Acid	4.3	No Value	--	--
Total Haloacetic acids	18	60	0.30	No
Total Trihalomethanes	81	80	1.0	No ¹
Trichloroacetic Acid	0.80	60	0.013	No

Notes:

¹ One total trihalomethanes concentration (81 µg/L) slightly exceeded the MCL (80 µg/L) in a portable men's latrine (18 samples were collected). This slightly elevated concentration was likely due to the water distribution system post-riser, as water travels through plastic and/or rubber hosing.



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Appendix D

Air Curtain Incinerator Waste Characterization Report



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FINAL TECHNICAL MEMORANDUM

**SOLID WASTE CHARACTERIZATION
NAVAL STATION GUANTANAMO BAY (GTMO), CUBA**

Contract N62470-10-D-3000, Delivery Order JM11

February 2012

Prepared for:



NAVAL STATION GUANTANAMO BAY, CUBA

and



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- A Statement of Work
- B Municipal Solid Waste Composition Data Sheets
- C Waste Characterization Field Work Photographic Log

ACRONYMS AND ABBREVIATIONS

ASTM	American Society for Testing and Materials
Baker	Michael Baker Jr., Inc.
BOWTS	Bilge oily water treatment system
BTU	British thermal unit
ERM	Environmental Resources Management, Inc.
FY	Fiscal Year
GTMO	Guantanamo Bay
HASP	Health and Safety Plan
HHV	Higher Heating Value
JTF	Joint Task Force Guantanamo Bay Cuba
MSW	Municipal solid waste
NAS	Naval Air Station
NAVFAC	Naval Facilities Engineering Command
NEX	Navy Exchange
NS	Naval Station
POA	Plan of Action
PPE	Personnel protective equipment
SE	Southeast
SOW	Statement of work
SWMP	Solid Waste Management Plan
WTE	Waste-to-Energy

1.0 INTRODUCTION

This technical memorandum presents the methodology and results of the Solid Waste Characterization Study at Naval Station (NS) Guantanamo Bay (GTMO). This document has been prepared by Michael Baker Jr., Inc. (Baker) under contract to the Naval Facilities Engineering Command (NAVFAC) Atlantic Contract N62470-10-D-3000, JM11. This project was managed by NAVFAC Southeast (NAVFAC SE) with assistance provided by local GTMO NAVFAC support. Additional technical support was provided by Environmental Resources Management, Inc. (ERM), a subcontractor to Baker. This report has been prepared in accordance with the Plan of Action (POA) (Baker 2011) and the statement of work (SOW) dated September 26, 2011. The SOW is included as Appendix A to this technical memorandum.

The primary purpose of this technical memorandum is to document the methodology and results of the Solid Waste Characterization Study, of which the objective was to project the higher heating value (HHV) of the waste stream components potentially suitable for combustion in a waste-to-energy (WTE) unit that would be constructed on the base. The data collected was used to revise the waste composition and heating value tables presented in the 2007 Integrated Solid Waste Management Plan (SWMP) for NS GTMO (BFA and SCS 2008) and formulate recommendations in an addendum to the 2007 Integrated SWMP.

2.0 SITE BACKGROUND AND HISTORY

2.1 Site Background

Guantanamo Bay is the largest bay on the extreme southern coast of Cuba, and is lined with mangroves and coves. The bay is a pouch-shaped indentation about 12 miles long in a northeast-southwest direction and about 6 miles across at its greatest width. Much of the land area is hilly, although large open flat areas exist that are used for administrative buildings and conducting training exercises. NS GTMO encompasses approximately 68 square miles; 23 square miles are water (Guantanamo Bay) while the remaining 45 square miles is uplands. NS GTMO is divided into two distinct areas by Guantanamo Bay. The active airfield is located on the Leeward side and the main base is on the Windward side. NS GTMO currently has one active landfill on the Windward side of the base.

2.2 Previous Waste Characterization Studies

An updated Integrated SWMP for NS GTMO was prepared in 2007 to support GTMO in complying with prevailing Navy Regulations, Department of Defense regulations, and policies. Further, the 2007 Integrated SWMP set forth recommendations on methods to comply with stated solid waste reduction and recycling objectives and to improve cost-effectiveness and efficiency in solid waste management and recycling practices. A limited evaluation of the quantity and composition of the NS GTMO waste stream was conducted as part of the preparation of the 2007 Integrated SWMP.

2.3 Confirmatory Waste Characterization Study

Waste compositions in the 2007 Integrated SWMP are based on data translated from Naval Air Station (NAS) – Patuxent River and other facilities, but only incorporate limited on-base information. Therefore, a confirmatory sampling event was required to verify the types and composition of wastes at NS GTMO specifically, with the goal of using this information to refine and supplement the historic waste characterization data used as the basis of the 2007 Integrated SWMP. This data will then be used to refine the estimated heating value of the wastes at NS GTMO presented in the 2007 Integrated SWMP.

This technical memorandum summarizes the waste characterization data collected as part of the December 2011 waste separation and sampling field effort conducted at NS GTMO. This effort consisted of the following tasks:

1. Evaluate the following overall waste streams over a two-week period (Monday through Friday):
 - a. Residential;
 - b. Commercial;
 - c. Institutional;
 - d. Industrial; and,
 - e. Special Waste.
2. Conduct waste separation and sampling of the municipal solid waste (MSW) components of the waste stream in accordance with the American Society for Testing and Materials (ASTM)

D5231 - 92(2008) Standard Test Method for Determination of the Composition of Unprocessed Municipal Solid Waste for a total of five days (Monday through Friday).

3. Inspect the remaining waste streams once during the field program, including researching and inspecting records, storage and stockpile facilities and other sources of the waste.
4. Identify potential opportunities for recycling materials as indicated in the SOW.
5. Generate a flow path for the waste stream and a mass balance in the system based on the data collected and researched records at NS GTMO.
6. Monitor waste stream volumes each day over the two-week field period, with observations and descriptions of the waste types received and relative volume percentages of each. These records were compared to the actual waste receipts at the facilities for the sampling period as well as over the prior one year period on a weekly and monthly basis to ascertain comparability and variances.

The data collected and the correlation developed with respect to existing information from past studies and projections from the new data will be used to revise the waste composition tables presented in the 2007 Integrated SWMP. Additionally, a summary and interpretation of the data collected, the British thermal unit (BTU) content for each class of waste, and recommendations to be included in an addendum to the 2007 Integrated SWMP are presented in this technical memorandum.

3.0 COMPREHENSIVE WASTE DATA COLLECTION FIELD WORK

This section of the technical memorandum summarizes the waste characterization field work performed from December 5 to 16, 2011 at NS GTMO.

3.1 Technical Approach

The waste characterization field work consisted of sampling of the municipal waste stream and the inspection of other waste streams at the NS GTMO over a two-week period (December 5 to 16, 2011). The municipal waste sampling occurred at the NS GTMO landfill, located on the Windward side of the base. During each week, field work was conducted on one or more days, Monday through Friday. Field work was not conducted during or following a holiday or other special event to ensure that the waste delivered to the landfill during the field work was representative of the typical waste composition.

During the two-week field program, waste separation and sampling of the MSW components of the waste stream were conducted for a total of five days. A total of 16 samples, each between 200 and 250 pounds, were sorted, inspected, weighed and characterized. Samples were collected for each day of the week (Monday through Friday) over the sampling period. The remaining waste streams were inspected once during the field program.

The target weight of each MSW sample was 250 pounds, with the minimum acceptable sample weight being 200 pounds. As the study progressed, the sampling distribution was monitored to facilitate sample collection from as many collection routes, and therefore both geographically distributed and types of sources, as possible, thereby ensuring that a comprehensive and representative understanding of the MSW composition was obtained.

3.1.1 Municipal Solid Waste Data Collection

The MSW streams entering the landfill were sampled from vehicles selected at random over the five-day sampling period. For each vehicle from which a sample was selected for sorting, a crewmember recorded the following information.

- The weather conditions at the time the vehicle arrived at the landfill.
- The day, date, and time when the vehicle arrived at the landfill.
- The name of the collection company delivering the waste.
- The type of vehicle delivering the waste.
- The source area from which the waste originated.
- A characterization of the waste as residential, commercial, institutional, industrial or special waste.
- The approximate volume or weight of the remaining load on the delivery vehicle.

The trucks discharged each load along a concrete barrier wall at the landfill. A front-end loader was used to move the discharged material longitudinally in order to obtain a representative cross-section of the material. The material was quartered, mixed, and coned in accordance with the ASTM D5231-92(2008) Standard Test Method for Determination of the Composition of Unprocessed Municipal Solid Waste procedures. Randomly, one of the four quarters was selected for sampling.

A flat, level area was secured, marked with traffic cones, and covered with a clean, durable 200 square foot tarp. Once one of the four quarters of a load was selected at random for sampling, the front-end loader operator discharged the selected material onto the clean 200 square foot tarp in one contiguous pile. A sample was collected using the method described in ASTM D5231.

If the crewmember identified that a discernible fraction of the sample included a bulky item, an estimated percentage of the total sample weight was assigned to that bulky item. Once bulky items were removed and recorded, the crewmembers placed the material for sorting in pre-weighed 50-gallon trash cans. The trash cans were filled and weighed to ensure the sample used for sorting was at least 200 pounds. Then, the material was emptied from one trash can at a time onto a clean plywood sorting table and manually sorted into the prescribed component categories, as listed in Table 3-1.

Table 3-1. Municipal Solid Waste Component Categories

Category		Description
Paper		
1	Mixed paper and newsprint	Newsprint, office paper, computer paper, magazines, glossy paper, waxed paper, paper towels and other paper not fitting the category of corrugated
2	Corrugated	Corrugated medium, corrugated boxed or cartons and brown (Kraft) paper bags
Plastic		
3	Styrofoam	Styrofoam cups, plates
4	Bags / wrappers	Plastic food wrappers, grocery bags
5	Containers	Bottles, etc.
Glass		
6	All glass	Bottles, etc.
Metal		
7	All metal	Aluminum cans, aluminum foil, iron, steel, tin cans
Organics		
8	Yard waste / wood	Branches, twigs, leaves, grass and other plant material, lumber, wood products
9	Food waste	All food waste
10	Textiles	Rubber, leather, and other primarily burnable material not included in the above
Inorganics		
11	Inorganics	Rock, sand, ceramics, and other non-combustibles

Smaller, previously cleaned and weighed plastic 20 to 30-gallon bins with sealed bottoms were used to contain the separated 11 waste categories. The materials were sorted by particle sizes of ½ inch or less by hand, until no more than a small amount of homogeneous fine material (“mixed residue”) remained. The samples were placed in a sorting box according to the following guidelines.

- All containers in the sorting sample (e.g., capped jars, paper bags, plastic bags, etc.) were opened and emptied of their contents. Each waste item was segregated and placed in the appropriate storage container.
- In the case of composite items found in the waste, the individual materials were separated when practical. When impractical, the composite items were segregated for classification by the crewmembers according to the following order.

- 1) If there were many identical composite items, the items were placed into the storage containers corresponding to the materials present in the item, and in the approximate proportions according to the estimated mass fraction of each material in the item.
- 2) If there were only a few identical composite items, the items were placed in the storage container that comprises, on a weight basis, the majority of the item.
- 3) If composite items represented substantial by-weight composition of the sorting sample, a separate waste category was established.

As food residue built up on the storage containers and the storage containers could not be cleaned adequately, the containers were discarded and replaced with new, weighed containers.

Once each sample had been sorted into the labeled bins, the weigh-out was performed. Each bin containing sorted materials from the just-completed samples was weighed on a digital scale where a crewmember recorded all data on a waste composition data sheet.

3.1.2 Other Waste Streams

Other waste streams, including recycled waste, hazardous waste, special wastes, and medical waste were inspected once during the field event. Special wastes consisted of sewage sludge and stockpiled materials, including tires, telephone poles, construction and demolition debris, and asbestos-containing materials (ACM). The inspections consisted of visiting the individual waste storage and handling facilities and interviewing facility operators to understand the material composition, generation trends, and current material management protocols, and to obtain historical waste generation records. Additionally, the various wood and metal dumpsters throughout NS GTMO were visually inspected to obtain a qualitative understanding of the typical percentages of each material placed in the dumpsters.

3.2 Waste Characterization Results

A total of 16 MSW samples were collected, sorted, and the corresponding results recorded. It was necessary to collect two of the 16 samples, samples 5 and 6, from the same collection truck due to light activity at the landfill during that sampling day. The duplicate sample provides an additional quality control data point for the subsequent analysis. Consideration was given during the analysis described in Section 4 below to ensure that undue weight was not applied to the overall waste composition calculations.

The raw MSW sampling data recorded in the field on the waste composition data sheets was compiled into spreadsheet format to facilitate subsequent interpretation and analysis. The compiled waste composition data sheets are provided as Appendix B and include the total percentage by weight for each of the 11 categories of waste present in the 16 samples.

In addition to the data collected during the field program, waste generation records for fiscal year (FY) 2011 were obtained to facilitate normalization and extrapolation of the field data and a better understanding of long-term waste generation trends at NS GTMO. It is important to note that, while the field data is essential for understanding and verifying the highly variable MSW stream, it represents a limited period of time and must be considered in combination with the longer term generation records. The evaluation of the field data with respect to the long-term waste records, including an assessment of the degree to which the field data is deemed representative, is presented in Section 4 below.

A photographic log of the waste characterization field work is provided as Appendix C.

4.0 HEATING VALUE ANALYSIS

The objective of the waste characterization is to project the higher heating value (HHV) of the waste stream components potentially suitable for combustion in a waste-to-energy (WTE) unit that would be constructed on the base. The methodology for calculating the HHV and the associated results are presented in the following subsections.

4.1 Methodology

To estimate the HHV, the waste types generated at GTMO that are potentially suitable for combustion in a WTE unit were identified, the quantity of each waste type was determined, and a heating value was selected for each waste type. From this information, a projected overall heating value for the waste stream components potentially suitable for combustion in a WTE unit was calculated.

For this evaluation, the waste was categorized according to the waste types identified in the monthly landfill tonnage reports provided by NS GTMO personnel for FY 2011. Additionally, materials known to be stockpiled on site as well as used oil and other hazardous wastes that are re-used or disposed by NS GTMO were evaluated for their potential to contribute to the heating value. Considering these sources of waste, the waste stream was categorized into the 12 separate waste types that are potentially suitable for combustion in a WTE unit, as presented in Table 4-1 below. Included in Table 4-1 are the weight and corresponding percent composition of each waste type.

Table 4-1. Overall Waste Stream Composition for FY 2011

Waste Type	FY 11 Total Weight (Tons)	Percent Composition
Trash	1337	9.99%
Yard Waste	1060	7.92%
Tires	109	0.81%
Tire Stockpile	110	0.82%
C&D Wood	2025	15.13%
Household Garbage	5422	40.50%
Grease Trap Waste	3176	23.72%
Cooking Grease/Sewage Sludge	10	0.07%
Rubber	24	0.18%
Telephone Pole	62	0.47%
Telephone Pole Stockpile	15	0.11%
Waste Oil	37	0.27%
Total	13387	100%

Of the 12 waste types, 11 were considered to be homogenous such that a single heating value could be assigned to each waste type. The Household Garbage waste type (which represents municipal solid waste at NS GTMO) however, is known to be more heterogeneous in nature, and the HHV can, therefore, vary widely based on the waste composition. The methodologies for determining the heating values for the Household Garbage waste type and the 11 homogeneous waste types are presented separately below.

4.1.1 Household Garbage (Municipal Solid Waste)

Due to the heterogeneous nature of the Household Garbage waste type, the field characterization study divided Household Garbage into the 11 sub-categories presented in Table 4-2 below to better estimate its heating value. As discussed in Section 3 above, 16 samples of Household Garbage were

obtained from 15 different truck loads (two samples from the same truck load) during the field characterization study, and each sample was divided into the 11 sub-categories to determine the percent composition of each sub-category.

Given the relatively limited period of time over which the field sampling and sorting study occurred (i.e., 2 week), one of the first steps was to assess the degree to which the collected MSW composition data is representative of waste trends at NS GTMO over a longer time period. This was done by comparing the quantity of the Household Garbage waste type delivered to the landfill during each of the sampling days to the average quantity of the waste type delivered to the landfill on corresponding days over the previous 12 month period (i.e., the quantity of Household Garbage on Monday, December 12, 2011 was compared to the quantity of Household Garbage from every other Monday in the previous 12 month period). The concept behind this assessment is that the Household Garbage compositions identified during the field sampling program can be anticipated to be reasonably representative if there is relatively little variability between the quantities disposed of during the sampling period and on corresponding days over the previous 12 month period. The results of this assessment revealed that the quantity of Household Garbage delivered to the landfill during the sampling period varied no more than approximately 50 percent of one standard deviation from the mean of the quantities delivered on corresponding days over the previous 12 month period. Indeed, for all but one day of the week the quantity varied no more than 15 percent of one standard deviation from the mean. These results suggest that the Household Garbage compositions collected during the sampling period can reasonably be assumed to be representative.

Following verification of the field data, two methods were used to determine an average composition of the Household Garbage waste type from the 16 samples that were collected. In the first method, the composition of each of the 15 truck loads (the two samples from the same truck load were averaged to represent that truck load) was averaged to determine the overall Household Garbage composition.

It was, however, noted that the same Household Garbage collection routes are scheduled for the same day of each week, with a different combination of routes collected each day. Each day's collection, therefore, has the potential to be comprised of a different waste composition and have a different quantity of waste compared to other days. The second method of determining an average Household Garbage composition therefore considered a weighted average of the samples based on the day they were collected and the relative amount of waste collected on that day throughout the year. An average composition was determined for each day of the week (i.e., samples from Monday were averaged to determine an average Monday composition; samples from Tuesday were averaged to compute an average Tuesday composition, etc.). Each daily composition was then weighted by the total amount of waste collected on that day throughout the year and used to compute a weighted average for the Household Garbage waste type.

With the average composition of the Household Garbage calculated by the two methods, a heating value was estimated for each of the 11 sub-categories based on a review of relevant literature, as well as engineering judgment and experience. A weighted average heating value was then calculated for the Household Garbage waste type based on both average compositions. Both methods of calculating the Household Garbage composition resulted in similar heating values for the waste type; i.e., the first method produced an HHV of 5,315 BTU/lb, while the second method produced an HHV of 5,278 BTU/lb. As the second method produced a more conservative value and presents a potentially more accurate portrayal of the waste stream, an HHV of 5,278 BTU/lb was used in the further evaluation of the Household Garbage waste type. The composition and heating values used for the Household Garbage waste type are presented in Table 4-2 below.

Table 4-2. Household Garbage (Municipal Solid Waste) Composition and Projected Heating Value

Waste Type		Percent Composition	HHV (BTU/lb)	Tonnage Weighted HHV(BTU/lb)
Paper	Cardboard	15.8%	7,650	1,210
	Newsprint, Misc.	10.4%	7,100	737
Plastic	Styrofoam	2.4%	17,800	428
	Bags / Wrappers	6.8%	12,050	820
	Containers/Bottles	7.4%	10,250	760
Glass	All glass	6.2%	0	0
Metal	All metal	3.9%	0	0
Organics	Yard Waste	5.9%	3,000	178
	Textiles	5.2%	7,520	391
	Food Waste	29.0%	2,600	753
Inorganics	All	7.0%	0	0
Total		100%		5,278

4.1.2 Homogeneous Waste Streams

For the remaining 11 homogeneous waste types, quantities were obtained from the monthly landfill tonnage reports for FY 2011, hazardous waste disposal record for FY 2011, and estimates of stockpiled materials from field observations and discussions with NS GTMO staff. Heating values were then projected for each waste type, as indicated in Table 4-3 below.

Based on field observations and discussions with NS GTMO personnel, the following assumptions were made regarding the quantities and heating values of the homogeneous waste types:

- 1) The Grease Trap Waste and Cooking Grease/Sewage Sludge waste types are assumed to contain approximately 50% grease by weight, with the remaining weight comprised of water, sludge, and/or other wastes.
- 2) The Waste Oil quantity was taken from the hazardous material disposal record for FY 2011, and does not include waste oil used for powering the potable water treatment plant generators.
- 3) The Trash waste type, comprised of bulky waste material such as furniture and mattresses, is assumed to be comprised of 65% wood, 20% upholstery, and 15% metal.
- 4) The Tire Stockpile is assumed to contain 80,000 tires, with 75% passenger tires, 20% truck tires, and 5% heavy equipment tires.
- 5) The Telephone Pole Stockpile is assumed to contain 800 poles, with an average weight of 650 lbs per pole.

4.2 Results

With the heating values and quantities of all 12 waste types determined, a weighted average heating value was calculated for all waste stream components potentially suitable for combustion in a WTE unit, as presented in Table 4-3 below. The total HHV of the waste stream is projected to be approximately 6,300 BTU/lb. A total quantity of approximately 13,400 tons of waste was considered potentially suitable for combustion over the course of FY 2011.

Table 4-3. Projected Overall Waste Stream Composition and Heating Value for FY 2011

Waste Type	FY 11 Total Weight (Tons)	Percent Composition	HHV (BTU/lb)	Tonnage Weighted HHV (BTU/lb)
Trash	1337	9.99%	6,580	657
Yard Waste	1060	7.92%	3,000	238
Tires	109	0.81%	13,450	109
Tire Stockpile	110	0.82%	13,450	111
C&D Wood	2025	15.13%	7,301	1,105
Household Garbage	5422	40.50%	5,278	2,138
Grease Trap Waste	3176	23.72%	7,700	1,827
Cooking Grease/Sewage Sludge	10	0.07%	7,700	6
Rubber	24	0.18%	13,450	24
Telephone Pole	62	0.47%	6,250	29
Telephone Pole Stockpile	15	0.11%	6,250	7
Waste Oil	37	0.27%	16,660	46
Total	13387	100%		6,295

* Some waste types presented in the landfill tonnage reports were not considered as potential stock for a WTE unit in this HHV evaluation. The waste types not considered in this evaluation are : C&D concrete, asbestos, glass, sewage treatment sludge, septic tank sewage and insulation.

The HHV calculated for the waste stream is most sensitive to the heating values selected for the Household Garbage and Grease Trap Waste categories. These are not only the two largest categories of waste by weight, but they also exhibit the highest potential for variability in heating values. In order to quantify this variability, a limited sensitivity analysis was performed. For the Household Garbage waste type, variability was evaluated by the application of the standard deviation of the heating values from the samples obtained during the waste characterization study. Increasing or decreasing the unit heating value of Household Garbage by one standard deviation can cause the total waste stream calculated HHV to change by ± 330 BTU/lb.

Additionally, based on input from NS GTMO personnel, it is understood that the Grease Trap Waste contains significant quantities of water and/or other impurities. Consequently, as noted above, it was assumed that 50 percent of the Grease Trap Waste consisted of grease, while the remaining 50 percent was water, or other waste. In practice, the actual grease content could vary significantly, resulting in greater variability in the HHV. For example, if the grease is assumed to comprise 10 percent or 90 percent of the actual measured tonnage of the Grease Trap Waste type, the total waste stream calculated HHV would change from -1,465 BTU/lb and +1,465 BTU/lb, respectively.

According to the hazardous waste disposal record for FY 2011, approximately 60 tons of hazardous waste was disposed of at a cost of approximately \$113,000. Roughly 37 tons of this material was Waste Oil, with the remaining 23 tons consisting of paints, antifreeze, adhesives, and many other products. Even though it represents less than 1 percent of the overall quantity of waste believed suitable for combustion in a WTE unit, the Waste Oil was considered in the heating value calculations given its significant HHV. Despite this high HHV, the Waste Oil only contributes a fraction of a percent to the HHV of the overall waste stream (see Table 4-3). Given the varying composition (i.e., difficulty of characterization) and even smaller quantity associated with the remaining hazardous waste products, these materials were not factored into the heating value calculations performed above. Nonetheless, as discussed in subsection 5.2 below, it is believed that these materials could be co-incinerated in a WTE unit, thereby reducing, and possibly eliminating, hazardous waste disposal costs.

5.0 FINDINGS

A discussion of the above results relative to the waste composition and heating value assumptions and conclusions included in the 2007 Integrated SWMP is provided in subsection 5.1 below. Additionally, opportunities to modify and potentially improve existing waste management practices and procedures at NS GTMO are presented in subsection 5.2.

5.1 2007 Integrated SWMP Results

The projected overall higher heating value (HHV) for the waste stream components considered is approximately 10 percent lower than the value reported in the 2007 Integrated SWMP (6,295 BTU/lb compared to 6,943 BTU/lb in the 2007 Integrated SWMP). Upon comparing the heating value calculations with those in the 2007 Integrated SWMP, there are several notable differences, as described below.

- 1) The percent compositions of paper and food waste assumed in the 2007 Integrated SWMP appear to be significantly higher and lower, respectively, than the compositions observed during the field sampling program. This has the effect of increasing the overall HHV relative to the value calculated in this technical memorandum. These differences are likely a result of the use of compositional data from other installations in preparing the 2007 Integrated SWMP.
- 2) The quantity of waste oil included in the 2007 Integrated SWMP is greater than that considered in this technical memorandum. Consequently, the waste oil contribution to the overall HHV is much greater in the 2007 Integrated SWMP. Similar to the data used in this technical memorandum, the waste oil quantity in the 2007 Integrated SWMP appears to be based on actual disposal records, and the difference is, therefore, believed to be attributable to yearly fluctuations in waste oil generation.
- 3) The overall waste composition in the 2007 Integrated SWMP does not appear to consider the Grease Trap Waste category, which, in FY 2011, was the second largest category of waste by weight and had the second greatest contribution to the overall HHV calculated in this technical memorandum.

5.2 Opportunities

In conducting the solid waste characterization and heating value analysis, several opportunities were identified to modify existing waste management practices in order to optimize the feasibility and operation of a WTE unit. Considerations for achieving these improvements, along with items to potentially consider when evaluating the feasibility of a WTE unit, are identified below.

- 1) Currently, grease and cooking oil are collected in vacuum trucks and co-mingled with wastewater treatment plant (WWTP) sludge, water, and other impurities. It is recommended that grease and oil be collected independently, as the addition of sludge and water to the grease and oil detracts from its high heating value. If grease and oil cannot be collected independently of water and sludge, a dewatering device should be considered for use prior to incineration to avoid this loss in heating value.

- 2) Improvements to the processing of WWTP sludge could increase its potential for use in a WTE facility. Currently, the solids content of the sludge is projected to be 5% and the sludge would not likely be recommended for use in a small-scale WTE unit. If the sludge were filter pressed and the solids content increased to 25%, the sludge could potentially be added at a rate of approximately 10% by weight of dry waste (i.e. for every 100 lbs dry waste incinerated, 10 lbs sludge could be incinerated) and may be energy neutral (i.e. it would neither add nor subtract from the overall heat generated by the waste stream). Additionally, if the sludge were processed in a centrifuge and the solids content increased to approximately 33%, the sludge would likely add to the overall heat generated by the waste stream.
- 3) Wood and metal are currently collected together from single dumpsters that house both materials. From discussions with NS GTMO personnel, the monthly tonnage reports report the weight of a truck load as Metal if the load is visually observed to have more metal than wood, and report the weight of the truck load as Wood if the load is visually observed to have more wood than metal. In order to improve the accuracy of the monthly tonnage reports, and potentially the meaningfulness of a WTE facility feasibility evaluation, it is recommended that segregated wood and metal dumpsters be provided at the locations where the two materials are currently co-mingled in a single dumpster.
- 4) Other materials that were considered in this analysis may require processing prior to incineration in a WTE facility. Tires, for example, would require dewiring and shredding or chipping before incineration. Bulky items, such as furniture and mattresses, would require pre-processing to reduce their size prior to combustion in a WTE facility.
- 5) The potential for co-incineration of hazardous and medical wastes should be considered. Currently hazardous wastes are containerized and shipped to Jacksonville PWC for disposal and medical wastes are incinerated at the base medical incinerator. If combusted in a WTE facility, the waste oil component of the hazardous waste category is expected to contribute to the HHV of the overall waste stream (and was accounted for in the above heating value analysis). The remaining miscellaneous materials comprising the hazardous waste category and the medical wastes, however, are not expected to have a significant impact on the HHV of the overall waste stream due to their composition and relatively small quantities. While these wastes may not add to the HHV of the waste stream, their combustion should be considered, as it could reduce hazardous waste disposal costs and eliminate the need for a separate medical incinerator. Of course, combustion of hazardous/medical waste in a WTE unit would be subject to the environmental regulations applicable at NS GTMO, including possible additional licensing and/or permitting requirements.
- 6) When considering the net present value of the potential WTE facility, it should also be recognized that waste oil recovered from the bilge oily water treatment system (BOWTS) and cooking oil/grease available to the WTE facility may be diverted from current beneficial use as fuels for the potable water treatment plant generators (i.e., there may be a "cost" associated with using these materials as feed stock for the WTE unit).
- 7) Due to the variability of certain waste types and the assumptions that were necessary for the analysis presented in this technical memorandum, it is recommended that a heating value analysis be conducted in a laboratory setting for select waste types (e.g., Grease Trap Waste) in order to refine the higher heating value estimates used in this study.

- 8) Finally, as a result of the disproportionately large quantity of food-based waste (i.e., food scraps, grease/cooking oil, and sewage sludge) generated at NS GTMO (as compared to a typical municipality considering WTE), anaerobic digestion may be a more attractive alternative for beneficially disposing of these materials. The biogas generated may be used as a fuel source or to power a generator. Other combustibles would still be landfilled and/or sent to the WTE unit.

6.0 REFERENCES

- Baker. 2011. *Plan of Action. Solid Waste Characterization Plan*. Naval Station Guantanamo Bay, Cuba. October 2011.
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- United States Department of Energy. 2008. Municipal Solid Waste (MSW) to Liquid Fuels Synthesis, Volume 1: Availability of Feedstock and Technology. December 2008.
- United States Energy Information Agency. 2010. Renewable Energy Trends in Consumption and Electricity. August 2010.
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- Williams, Robert B. 2007. Biofuels from Municipal Wastes- Background Discussion Paper. March, 2007.

Baker

Virginia Beach, VA

Michael Baker Jr., Inc.
APPENDIX A

Statement of Work

Section C - Descriptions and Specifications

STATEMENT OF WORK
FOR OFFICIAL USE ONLY

24 AUG 2011

**DEPARTMENT OF THE NAVY
NAVFAC SOUTHEAST
NAVAL FACILITIES ENGINEERING COMMAND
YORKTOWN AVE BLDG 903, P. O. BOX 30
NAS JACKSONVILLE, FL 32212
CONTRACT # N62470-10-D-3000
WORK ORDER # 1149568**

**2011 UPDATE SELECTED SECTIONS OF SWMP AND PERFORM COMPREHENSIVE WASTE
CHARACTERIZATION FOR
NS GUANTANAMO BAY, CUBA**

I. INTRODUCTION

Location: Naval Station Guantanamo Bay, Cuba

Description of Project: The A/E shall provide all labor, equipment and materials, required to perform a comprehensive waste characterization study on all waste streams at NS Guantanamo Bay. Additionally, the contractor will update selected sections of the 2007 Integrated Solid Waste Management Plan for the Installation. Data collected during this project will support the activity's effort to implement a Waste to Energy (WTE) approach to waste management and will help them determine if a WTE technology will provide a sustainable return of investment.

The waste characterization shall be performed in accordance with **ASTM D5231 - 92(2008) Standard Test Method for Determination of the Composition of Unprocessed Municipal Solid Waste.**

II. SCOPE OF WORK**Task 1 - Existing Document Review, Plan of Action (POA), Kickoff meeting:**

The A/E shall carefully study the 2007 Integrated Solid Waste Management Plan and its appendices. The bulk of the work to be performed under this task order stems from the recommendations in Appendix A, "Solid Waste Incinerator Assessment" report. Referring to Table 2 of Appendix A, this information shall serve as a starting point to provide quantitative and qualitative waste characterization data for GTMO.

Additionally, the A/E shall determine if any hazardous waste generated at GTMO can be included in the WTE technology. The contractor shall coordinate with NAVFAC SE in Jacksonville to obtain Hazardous Waste Characterization data for GTMO. This data may include EPA biennial reports, Hazardous Waste Profiles sheets, HW disposal records, and HW lab analysis results.

The A/E shall coordinate scheduling of field work with the POC at NS Guantanamo Bay in order to maximize the waste quantities characterized while minimizing field work effort required. Based on SW container pick-up schedule, the A/E shall prepare a Plan of Action (POA) and a draft data collection sheets for this project. The POA shall outline key events necessary to manage all components of this project and have sufficient detail to identify personnel, resources and time required for each task identified in the statement of work. The POA and draft data collection sheet shall be submitted to the POC at NS Guantanamo Bay and NAVFAC SE prior to any field work and the approved versions will be used by the A/E as an agenda for an in-brief to the NS

Guantanamo Bay staff upon arrival on the station. The submittals for this task can be e-mailed with PDF attachments.

Task 2 Comprehensive waste data collection field work:

The A/E shall travel to NS Guantanamo Bay to perform the comprehensive waste characterization recommended in Appendix A of the 2007 ISWMP in order to quantify and qualify all waste being generated. The waste characterization shall include amounts and types of waste generated, points of generation, characteristics of waste, BTU value of the waste and rate of generation of the waste. This comprehensive study shall encompass all categories of waste generated at the Installation, including, but not limited to:

Residential (single and multi-family homes): i.e. newspapers, clothing, disposable tableware, food packaging, cans and bottles, furniture, food scraps, yard trimmings

Commercial (office buildings, retail establishments, restaurants): i.e. corrugated boxes, food scraps, office papers, disposable tableware, paper napkins, yard trimmings

Institutional (schools, libraries, hospitals, briggs and detention centers): i.e cafeteria and restroom trash can wastes, office papers, classroom wastes, yard trimmings

Industrial (packaging and administrative; *not* process wastes): i.e. corrugated boxes, plastic film, wood pallets, lunchroom wastes, office papers.

Special waste: i.e. used oil, cooking oil, sewage sludge, tires, hazardous waste, green waste, recyclables, medical waste, and C&D waste.

The A/E will provide all supplies, tools, and equipment to perform the work. These will include, but are not limited to, the following:

- Mechanical or Electronic Weigh Scale, with a capacity of at least 100 lb and precision of at least 0.1 lb
- Plastic containers, sufficient for storing and weighing each waste component
- Heavy-Duty Tarp
- Shovels, Rakes, Push Brooms, Dust Pans
- Magnet
- Sorting Table
- First Aid Kit
- Traffic Cones, Traffic Vests
- Leather Gloves
- Hardhats
- Safety Glasses
- Leather Steel-toed Boots
- Step ladder

The A/E will provide photos for each representative category of waste inventoried.

When quantifying and qualifying the municipal solid waste category, the A/E shall remove non-eligible from the waste containers for sorting. This all recyclable/non-combustible SW items fitting the types listed below (and add additional lines as deemed necessary per **ASTM D5231 - 92(2008)**):

- Plastic Trash bags
- Glass
- PET plastic (beverage bottles)

- HDPE plastic
- Ferrous metal items
- Aluminum cans and other aluminum items
- Other non-ferrous metals (copper, brass, insulated wire, etc.)

All eligible waste shall be removed from the SW containers and spread on a tarp. Trash bags are to be emptied and all contents will be sorted into containers according to waste category. Following sorting, all sorting containers are to be weighed and the data recorded.

All materials removed and sorted during this task shall be returned to the original waste container at the completion of the inventory and prior to relocating to the next container. Any suspected hazardous wastes (aerosol cans, cleaners, solvents, paints, etc.) found in the SW containers will be brought to the attention of the Hazardous Waste Manager for proper handling.

For the remainder of the waste categories, the A/E shall review current and historical data of waste generated. Some of this effort will include visiting the stockpiles of waste and provide an accurate estimate of the amount and type of waste currently accumulated (such as used tires, for example).

Task 3-Finalize waste characterization, calculate available BTU, and prepare Waste Characterization and BTU Value Technical Memo

The A/E will prepare a Waste Characterization and BTU Value Technical Memo summarizing the methodology and results of the characterization.

The Technical Memo will include a spreadsheet listing each waste type and category (see Attachment A for a sample) and the net BTU value of each targeted waste type.

Task 4- Prepare Addendum to ISWMP

The A/E shall prepare an Addendum to the 2007 SWMP to provide recommendations or system enhancements that can bring NS GTMO closer to implementing a WTE approach to managing solid waste. This addendum should incorporate the Tech Memo of Task 3; including the data collected as part of the field effort, its associated calculations, and a discussion of the data found in relation to WTE technology. Additionally, this addendum should identify the chapters or areas of the SWMP that are significantly affected by the field effort. This would include recommendations to change, revise, or eliminate existing solid waste management practices that would need to be addressed in order to implement a WTE approach and the associated impact (positive or negative) this implementation could have for NS GTMO. This task does not entail a line-by-line revision to any chapter of the ISWMP. This addendum will serve as a tool to help the Navy determine if and how WTE technology could be successfully implemented at NS GTMO. A Draft Addendum will be submitted to the Navy for comment; Contractor will submit a Final Addendum addressing comments provided by the Navy.

III. GENERAL INSTRUCTIONS

-
- A. SAFETY PRECAUTIONS: The A&E shall provide its employees with all safety equipment and training required to enter areas that will be surveyed. The A&E shall meet all requirements of the Occupational Safety and Health Act (OSHA). The A&E shall ensure its personnel are fully briefed on NS Guantanamo safety requirements.**

Sharp objects, such as nails, razor blades, hypodermic needles, and pieces of glass, are present in solid waste. Personnel shall be instructed of this danger, and they shall brush waste particles aside while sorting rather than projecting their hands with force into the mixture. Personnel handling and sorting solid waste shall wear appropriate protection, such as heavy leather gloves, dust masks, hardhats, safety glasses, and safety boots.

- B. The Architect & Engineer (A&E) shall coordinate all phases of this work with the technical points-of-contact (POCs). For this project the POCs are Joel Sanders NAVFAC SE, and Mr. Michael McCord NS Guantanamo Bay. The government will advise the A&E of changes to the government points-of-contact as necessary.
- C. The A&E is responsible for recording the minutes of all scheduled meetings and phone conversations related to the scope of work, and providing a draft (electronic) copy of the minutes to the EIC for concurrence within five working days of the meeting or conversation. Comments by the government, if any, will be provided within 7 days of receipt. Submit final copies of minutes to the EIC in MS Word and in Adobe PDF formats, or comparable.
- D. The A&E shall forward submissions directly to those concerned as directed herein. Scheduled time for all deliverables includes delivery time.
- E. The A&E is responsible for obtaining permission and clearance from appropriate station security personnel to enter and perform any work at the project site.
- F. All photographs, data, and products produced for this contract order are government property and will be submitted to the EIC at the completion of work.
- G. The A&E shall coordinate required fieldwork with the POCs.
- H. The A&E shall clearly document all assumptions made throughout the project and advise the EIC immediately of any which are critical to the deliverables.
- I. For any tasks requiring site visits, the A&E shall conduct a Kickoff by phone to confirm data/information-gathering requirements and establish a visitation schedule as appropriate.
- J. The A&E shall provide submittals as indicated in Section V. Draft reports shall be submitted electronically. The A&E shall provide any secondary draft word-processing documents with all adjustments highly visible by way of the MS Word™ ‘highlight changes’ tool, electronic ‘comments’, or other comparable systems readily usable by the technical POCs. The A&E shall provide all final submittals in hard copy, and in electronic file compatible with NAVFAC SE word-processing and/or spreadsheet software. All electronic deliverables shall be verified virus-free prior to submittal.
- K. All electronic deliverables to NAVFAC SE will also be submitted in the Living CD format. These documents will be stored as .pdf files and titled in accordance with the LivingCD SOW version 4.0. See Living CD SOW 4.0 for further details and clarification on the manner of storage, types of documents to be stored, and the methodology for titling of the individual files.

IV. DELIVERABLES

<u>Deliverable</u>	<u>To NS GTMO</u>	<u>To NAVFAC SE</u>
Draft POA and data collection sheet (EC)	1	1
Final POA and data collection sheet (EC)	1	1
90% Draft Technical Memo (HC & EC)	2	2
Final Technical Memo (HC & EC)	2	4
90% draft Addendum (HC & EC)	2	2
Final Updated Addendum (HC & EC)	2	4
EC- electronic copy HC- Hard Copy		

V. SCHEDULE

A/E's POA with schedule and Draft data sheet	14 Days after award
Government Comments	10 Days after receipt
Field work start	<45 Days after POA approval
90% Draft Technical Memo	30 Days after field work
Government Comments	7 Days after receipt of Draft
Final Technical Memo	7 Days after receipt of Comments
90% draft ISWMP Addendum	75 Days after Technical Memo
Government Comments	21 Days after receipt of Draft
Final ISWMP Addendum	21 Days after receipt of Comments
Delivery Order completion date	No later than 30 September 2012

VI. POINTS OF CONTACT

NS Guantanamo Bay
POC:Mr. Michael McCord
 Telephone: Comm: 011-5399-4662
 michael.mccord@usnbgmtmo.navy.mil

COMMANDING OFFICER
PSC 1005 BOX 37
FPO AE 09593-0037
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 COMMANDER
 NAVFAC SOUTHEAST
 Attn: Joel Sanders
 Box 30, Bldg. 903
 Jacksonville, FL 32212

Other contact info:
 Telephone: (904) 542-6897
 E-mail: joel.sanders@navy.mil

Attachment A: Sample ESTIMATED Waste Composition at NS Guantanamo Bay

EXHIBIT 2-6: ESTIMATED MSW COMPOSITION Naval Station Guantanamo Bay Cuba Waste Composition

Waste Component	Composition Other Waste (Percent)	Composition Dumpster Waste (Percent)	Quantity Dumpster Waste (Tons)	Quantity of All Generated Waste (Tons)
Paper				
Corrugated/Kraft		17.9%	988	988
Mixed Paper		17.0%	938	938
Other Paper		11.0%	607	607
Total Paper		45.9%	2,534	2,534
Plastic				
PET	20	0.5%	28	48
HDPE		0.5%	28	28
Film		3.0%	166	166
Polystyrene		1.0%	55	55
Other Plastic		3.0%	166	166
Total Plastic		8.0%	442	462
Glass				
Clear Containers		2.0%	110	110
Green Containers		0.5%	28	28
Brown Containers		2.0%	110	110
Plate/Other Glass		1.0%	55	55
Crushed Glass	253	0.0%	-	253
Total Glass		5.5%	304	556
Metal				
Ferrous Food Containers	1,731	0.5%	28	1,759
Other Ferrous		4.0%	221	221
Alum Beverage Cans		0.5%	28	28
Other Aluminum		6.0%	331	331
Other Non-Ferrous		4.8%	265	265
Total Metal		15.8%	872	2,603
Organics				
Yard Waste(Brush&Branches)	416	2.0%	110	526
Wood Waste	2,000	2.0%	110	2,111
Food Waste		9.0%	497	497
Textiles/Rubber/Leather		2.0%	110	110
Bulky Waste (furniture, etc)	1,231	0.0%	-	1,231
Tires	118	0.0%	-	118
Cooking Oil/Grease	63	0.0%	-	63
Misc. Organics		3.2%	177	177
Total Organics		18.2%	1,005	4,832
Inorganics				
Durable Products		5.0%	276	276
Miscellaneous Inorganic		1.0%	55	55
Used Motor Oil	2	0.0%	-	2
HHW		0.6%	33	33
Total Inorganics		6.6%	364	366
Total 2	5,834	100.0%	5,520	11,354

Notes: 1. Sources for Waste Composition - NAS Patuxent River, adjusted for higher cardboard and lower other ferrous 2. Composition does not include: Asbestos: 10 Sewage 21,968

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APPENDIX B

*Municipal Solid Waste
Composition Data Sheets*

Waste Composition Data Sheet

Sample ID: Sample 1
Date: 7-Dec-11
Time: 10:40
Weather: Overcast
Route: Camp Ameizica (all)
Company: Bremcore
Vehicle Type: Companctor Truck
Recorded By: M.J. Martinez
Approximate Weight: In: 48040 Out: 36440 Net: 11800

Total Weight of Sample: 208.7

Category	Component	Gross Weight	Tare	Sample Weight	Percent of Total
Paper	Cardboard	11.3	3.4	7.9	
		13.5	3.4	10.1	
		7.2	3.4	3.8	
		Total:		21.8	10.45%
	Newsprint, Misc.	6.9	3.4	3.5	
		11.8	3.4	8.4	
	Total:			11.9	5.70%
Plastic	Styrofoam	3.5	2.9	0.6	
		4.1	2.9	1.2	
		3.6	2.9	0.7	
		Total:		2.5	1.20%
	Bags / Wrappers	6.8	2.9	3.9	
		7.7	2.9	4.8	
		8.5	2.9	5.6	
		8.6	2.9	5.7	
	Total:			20	9.58%
	Containers/Bottles	6.9	2.9	4	
		8.4	2.9	5.5	
		9.7	2.9	6.8	
		4.3	2.9	1.4	
	Total:			17.7	8.48%
Glass	All glass	13.5	3.4	10.1	4.84%
Metal	All metal	11.3	3.4	7.9	3.79%
Organics	Yard Waste	10.1	2.9	7.2	3.45%
	Textiles	15.8	2.9	12.9	6.18%
	Food Waste	92.5	3.6	88.9	42.60%
Inorganics	All	3.7	3.4	0.3	0.14%
					96.41%

Waste Composition Data Sheet

Sample ID: Sample 2
Date: 7-Dec-11
Time: 10:57
Weather: Overcast
Route:
Company: Man Camp, galley, barracks (bay hill houses), partial NEX and Autoport
Vehicle Type: Bremcore
Recorded By: Companctor Truck
Approximate Weight: M.J. Martinez
 In: 45640 Out: 36020 Net:9620

Total Weight of Sample: 226.8

Category	Component	Gross Weight	Tare	Sample Weight	Percent of Total
Paper	Cardboard	14.6	3.4	11.2	
		7.4	3.4	4	
		13.1	3.4	9.7	
		12.7	3.4	9.3	
		6.7	3.4	3.3	
		Total:		37.5	16.53%
	Newsprint, Misc.	11.3	3.4	7.9	
		8.9	3.4	5.5	
		18.4	3.4	15	
		Total:		28.4	12.52%
Plastic	Styrofoam	4.2	2.9	1.3	
		7.9	2.9	5	
		Total:		6.3	2.78%
	Bags / Wrappers	4.6	2.9	1.7	
		8	2.9	5.1	
		7	2.9	4.1	
		5.6	2.9	2.7	
		8.5	2.9	5.6	
		6.6	2.9	3.7	
		Total:		22.9	10.10%
Containers/Bottles	5.5	2.9	2.6		
	6.2	2.9	3.3		
	8.8	2.9	5.9		
	5.7	2.9	2.8		
	Total:		14.6	6.44%	
Glass	All glass	22.4	3.4	19	8.38%
Metal	All metal	12.2	3.4	8.8	
		9.4	3.4	6	
		Total:		14.8	6.53%
Organics	Yard Waste	26.8	2.9	23.9	10.54%
	Textiles	4.4	2.9	1.5	0.66%
	Food Waste	51.2	3.6	47.6	20.99%
Inorganics	All	6.5	3.4	3.1	1.37%

96.83%

Waste Composition Data Sheet

Sample ID: Sample 3
Date: 7-Dec-11 Trash collection date. Sorted on 12/8/2011
Time: 5PM
Weather: Sunny and breezy
Route: Commisary/ Marine Hill / Windward Loop/ Hospital
Company: Bremcore
Vehicle Type: Companctor Truck C4453
Recorded By: M.J. Martinez
Approximate Weight: In: 40260 Out: 36360 Net:

Total Weight of Sample: 203.8

Category	Component	Gross Weight	Tare	Sample Weight	Percent of Total
Paper	Cardboard	9.7	3.4	6.3	
		6.1	3.4	2.7	
		8.6	3.4	5.2	
		18.4	3.4	15	
		6.2	3.4	2.8	
		Total:		32	15.70%
	Newsprint, Misc.	15.2	3.4	11.8	
		12.4	3.4	9	
		21.6	3.4	18.2	
		Total:		39	19.14%
Plastic	Styrofoam	5	2.9	2.1	
		5.8	2.9	2.9	
		3	2.9	0.1	
		Total:		5.1	2.50%
	Bags / Wrappers	5.2	2.9	2.3	
		5.1	2.9	2.2	
		4.3	2.9	1.4	
		5.2	2.9	2.3	
		7.3	2.9	4.4	
		4.6	2.9	1.7	
		Total:		14.3	7.02%
	Containers/Bottles	7.1	2.9	4.2	
		7.2	2.9	4.3	
6.2		2.9	3.3		
	Total:		11.8	5.79%	
Glass	All glass	31.4	3.4	28	
		9.1	3.4	5.7	
		Total:		33.7	16.54%
Metal	All metal	12.5	3.4	9.1	4.47%
Organics	Yard Waste	18.2	2.9	15.3	7.51%
	Textiles	4	2.9	1.1	0.54%
	Food Waste	41.4	3.6	37.8	18.55%
Inorganics	All	3.6	3.4	0.2	0.10%
					97.84%

Waste Composition Data Sheet

Sample ID: Sample 4
Date: 8-Dec-11
Time: 9:49
Weather: Windy
Route: Radio point/ comminsary/ gold hill gallery/ admin hill/ Cornseu (housing)
Company: Bremcore
Vehicle Type: Companctor Truck C4453
Recorded By: M.J. Martinez
Approximate Weight: In: 41860 Out: 36360 Net:
Total Weight of Sample: 210

Category	Component	Gross Weight	Tare	Sample Weight	Percent of Total	
Paper	Cardboard	10	3.4	6.6		
		10.6	3.4	7.2		
		7	3.4	3.6		
		9.7	3.4	6.3		
		6.1	3.4	2.7		
			Total:			26.4
	Newsprint, Misc.	24.7	3.4	21.3		
		8.6	3.4	5.2		
			Total:			26.5
Plastic	Styrofoam	4.4	2.9	1.5	0.71%	
		Bags / Wrappers	12.4	2.9	9.5	
			8.3	2.9	5.4	
			4.1	2.9	1.2	
			5.4	2.9	2.5	
		Total:			18.6	8.86%
	Containers/Bottles	7.1	2.9	4.2		
		7	2.9	4.1		
		4.3	2.9	1.4		
		Total:			9.7	4.62%
Glass	All glass	21.2	3.4	17.8	8.48%	
Metal	All metal	7.3	3.4	3.9	1.86%	
Organics	Yard Waste	3.1	2.9	0.2	0.10%	
	Textiles	11.1	2.9	8.2		
		4.4	2.9	1.5		
	Total:			9.7	4.62%	
	Food Waste	90.8	3.6	87.2	41.52%	
Inorganics	All	3.8	3.4	0.4	0.19%	
					96.14%	

Waste Composition Data Sheet

Sample ID: Sample 5
Date: Trash from 12/8, Sampled 12/9
Time: Delivered at 4:40pm on 12/8
Weather: Sunny
Route: Leeward point, West Iguna, Camp America, Boating Center, Windjammer, Gym
Company: Bremcore
Vehicle Type: Companctor Truck C7274
Recorded By: K. Perkins
Approximate Weight: In: 48240 Out: 38460

Total Weight of Sample: 243.7

Category	Component	Gross Weight	Tare	Sample Weight	Percent of Total
Paper	Cardboard	16.2	3.4	12.8	
		8.9	3.4	5.5	
		24	3.4	20.6	
		12.6	3.4	9.2	
		Total:			48.1
	Newsprint, Misc.	12	3.4	8.6	
		7.3	3.4	3.9	
	Total:			12.5	5.13%
Plastic	Styrofoam	3.6	2.9	0.7	0.29%
	Bags / Wrappers	5.8	2.9	2.9	
		13.6	2.9	10.7	
		12.7	2.9	9.8	
	6.8	2.9	3.9		
	Total:			27.3	11.20%
	Containers/Bottles	6.1	2.9	3.2	
		8.9	2.9	6	
		6.4	2.9	3.5	
	Total:			12.7	5.21%
Glass	All glass	9.7	3.4	6.3	2.59%
Metal	All metal	13.8	3.4	10.4	
		4.5	3.4	1.1	
		Total:			11.5
Organics	Yard Waste	13.5	2.9	10.6	4.35%
	Textiles	7.6	2.9	4.7	
		Total:			4.7
	Food Waste	44	3.4	40.6	
		57.1	3.4	53.7	
		Total:			94.3
Inorganics	All	12.8	3.4	9.4	
		3.6	3.4	0.2	
		Total:			9.6

97.78%

Waste Composition Data Sheet

Sample ID: Sample 6
Date: Trash from 12/8, Sampled 12/9
Time: Delivered at 4:40pm on 12/8
Weather: Sunny
Route: Leeward point, West Iguna, Camp America, Boating Center, Windjammer, Gym
Company: Bremcore
Vehicle Type: Companctor Truck C7274
Recorded By: K. Perkins
Approximate Weight: In: 48240 Out: 38460

Total Weight of Sample: 212.2

Category	Component	Gross Weight	Tare	Sample Weight	Percent of Total
Paper	Cardboard	22.7	3.4	19.3	
		23.5	3.4	20.1	
		36.1	3.4	32.7	
		Total:		72.1	33.98%
	Newsprint, Misc.	16.7	3.4	13.3	
		13.8	3.4	10.4	
	Total:		23.7	11.17%	
Plastic	Styrofoam	10.3	2.9	7.4	
		4.4	2.9	1.5	
		4.8	2.9	1.9	
		Total:		10.8	5.09%
	Bags / Wrappers	7.6	2.9	4.7	
		7.1	2.9	4.2	
		7.9	2.9	5	
		Total:		13.9	6.55%
	Containers/Bottles	8.6	2.9	5.7	
		5.7	2.9	2.8	
7.8		2.9	4.9		
Total:			13.4	6.31%	
Glass	All glass	10.4	3.4	7	3.30%
Metal	All metal	10.4	3.4	7	
		5.2	2.9	2.3	
		Total:		9.3	4.38%
Organics	Yard Waste	9.1	2.9	6.2	2.92%
	Textiles	4.9	2.9	2	
		Total:		2	0.94%
	Food Waste	46.4	3.6	42.8	20.17%
Inorganics	All	5.2	3.4	1.8	0.85%
					95.66%

Waste Composition Data Sheet

Sample ID: Sample 7
Date: 9-Dec-11
Time: Delivered 8:38am
Weather: Sunny and Breezy
Route: Pier Bravo, Bay Inn, Housing, Comminsary, Gold Hill, Man Camp, Wind Jammer
Company: Bremcore
Vehicle Type: Companctor Truck C4453
Recorded By: K. Perkins
Approximate Weight: In: 43460 Out: 36360

Total Weight of Sample: 267.3

Category	Component	Gross Weight	Tare	Sample Weight	Percent of Total
Paper	Cardboard	13.6	3.4	10.2	
		8.4	3.4	5	
			Total:	15.2	5.69%
	Newsprint, Misc.		13.3	3.4	9.9
		8.8	3.4	5.4	
		Total:		15.3	5.72%
Plastic	Styrofoam	3.3	2.9	0.4	0.15%
	Bags / Wrappers	11.4	2.9	8.5	
		6	2.9	3.1	
		7	2.9	4.1	
	Total:		15.7	5.87%	
Containers/Bottles		9.6	2.9	6.7	
		17.5	2.9	14.6	
		Total:		21.3	7.97%
Glass	All glass	8.4	3.4	5	1.87%
Metal	All metal	18.5	3.4	15.1	5.65%
Organics	Yard Waste	7.9	2.9	5	1.87%
	Textiles	13	2.9	10.1	
		Total:			10.1
	Food Waste	49.1	3.6	45.5	17.02%
Inorganics	All	92.8	3.4	89.4	
		26.4	3.4	23	
		Total:			112.4

97.64%

Waste Composition Data Sheet

Sample ID: Sample 8
Date: 9-Dec-11
Time: Delivered 10:09am
Weather: Sunny and Windy
Route:
 Galley, Mini mart
Company: Bremcore
Vehicle Type: Companctor Truck C4454
Recorded By: K. Perkins
Approximate Weight: In: 46460 Out: 36340

Total Weight of Sample: 217

Category	Component	Gross Weight	Tare	Sample Weight	Percent of Total
Paper	Cardboard	11.8	3.4	8.4	
		14.5	3.4	11.1	
		23.8	3.4	20.4	
		16.7	3.4	13.3	
		Total:		53.2	24.52%
	Newsprint, Misc.	16.5	3.4	13.1	
		8.8	3.4	5.4	
		10.8	3.4	7.4	
		Total:		25.9	11.94%
	Plastic	Styrofoam	3.9	2.9	1
5.5			2.9	2.6	
Total:				3.6	1.66%
Bags / Wrappers		10.9	2.9	8	
		7	2.9	4.1	
		6.4	2.9	3.5	
		Total:		15.6	7.19%
Containers/Bottles		8.4	2.9	5.5	
		6.8	2.9	3.9	
		7.2	2.9	4.3	
	10.1	2.9	7.2		
	3.8	2.9	0.9		
Total:		21.8	10.05%		
Glass	All glass	6.8	3.4	3.4	1.57%
Metal	All metal	11	3.4	7.6	3.50%
Organics	Yard Waste	5.3	2.9	2.4	1.11%
	Textiles	5.2	2.9	2.3	
	Total:			2.3	1.06%
	Food Waste	77	3.6	73.4	33.82%
Inorganics	All	0	0	0	0.00%
					96.41%

Waste Composition Data Sheet

Sample ID: Sample 9
Date: 12-Dec-11
Time: Delivered 07:35
Weather: Sunny
Route: Gold Hill, WindJammer, Comminsary, Barber, Admin Hill, Bay Hill, Carraiso, Ferry Landing
Company: Bremcore
Vehicle Type: Companctor Truck C4453
Recorded By: K. Perkins
Approximate Weight: In: 46740 Out: 36360

Total Weight of Sample: 218.4

Category	Component	Gross Weight	Tare	Sample Weight	Percent of Total	
Paper	Cardboard	15	3.4	11.6		
		10.1	3.4	6.7		
		12.2	3.4	8.8		
		Total:		27.1	12.41%	
	Newsprint, Misc.	13.1	3.4	9.7		
		5.6	3.4	2.2		
	Total:		11.9	5.45%		
Plastic	Styrofoam	4.2	2.9	1.3	0.60%	
	Bags / Wrappers	4.5	2.9	1.6		
		4.3	2.9	1.4		
		Total:		3	1.37%	
	Containers/Bottles		5.5	2.9	2.6	
			8	2.9	5.1	
		8.1	2.9	5.2		
		7.3	2.9	4.4		
	Total:		17.3	7.92%		
Glass	All glass	13.1	3.4	9.7	4.44%	
Metal	All metal	15.4	3.4	12	5.49%	
Organics	Yard Waste	37.4	2.9	34.5	15.80%	
	Textiles	41.1	2.9	38.2		
		4.9	2.9	2		
	Total:		40.2	18.41%		
	Food Waste	18.4	3.6	14.8	6.78%	
Inorganics	All	40.3	3.4	36.9	16.90%	
					95.56%	

Waste Composition Data Sheet

Sample ID: Sample 10
Date: 12-Dec-11
Time: Delivered 8:51am
Weather: Sunny / Windy
Route:
 All Leeward side
Company: Bremcore
Vehicle Type: Companctor Truck C7273
Recorded By: K. Perkins
Approximate Weight: In: 47840 Out: 44080

Total Weight of Sample: 220.1

Category	Component	Gross Weight	Tare	Sample Weight	Percent of Total
Paper	Cardboard	10.6	3.4	7.2	
		10.9	3.4	7.5	
		12.4	3.4	9	
		5.4	3.4	2	
			Total:		25.7
Newsprint, Misc.		13.6	3.4	10.2	
		12.1	3.4	8.7	
			Total:	18.9	8.59%
Plastic	Styrofoam	4.2	2.9	1.3	
		7.8	2.9	4.9	
		3.7	2.9	0.8	
			Total:	7	3.18%
		Bags / Wrappers		6.2	2.9
9.1	2.9			6.2	
5.7	2.9			2.8	
8.2	2.9			5.3	
	Total:			17.6	8.00%
Containers/Bottles		6.5	2.9	3.6	
		5.9	2.9	3	
		6.2	2.9	3.3	
			Total:	9.9	4.50%
Glass	All glass	11.9	3.4	8.5	3.86%
Metal	All metal	8.9	3.4	5.5	2.50%
Organics	Yard Waste	5.8	2.9	2.9	1.32%
	Textiles	6.5	2.9	3.6	1.64%
	Food Waste	83.2	3.6	79.6	36.17%
Inorganics	All	36	3.4	32.6	14.81%
					96.23%

Waste Composition Data Sheet

Sample ID: Sample 11
Date: 12-Dec-11
Time: 10:01am
Weather: Sunny
Route: Radio point, Paola Point, Man Camp, BLQ, McDonalds, Pretty lights (bd 2146)
Company: Bremcore
Vehicle Type: Companctor Truck C4453
Recorded By: K. Perkins
Approximate Weight: In: 45340 Out: 36360

Total Weight of Sample: 212

Category	Component	Gross Weight	Tare	Sample Weight	Percent of Total	
Paper	Cardboard	8.5	3.4	5.1		
		11.5	3.4	8.1		
		11.1	3.4	7.7		
		5.3	3.4	1.9		
		Total:			22.8	10.75%
Newsprint, Misc.		13.7	3.4	10.3		
		18.9	3.4	15.5		
		Total:		25.8	12.17%	
Plastic	Styrofoam	4.4	2.9	1.5		
		3	2.9	0.1		
		Total:		1.6	0.75%	
	Bags / Wrappers		4.3	2.9	1.4	
			5.7	2.9	2.8	
			5.6	2.9	2.7	
			5.2	2.9	2.3	
			3.6	2.9	0.7	
		Total:		9.9	4.67%	
	Containers/Bottles		6.5	2.9	3.6	
		6.6	2.9	3.7		
		8.6	2.9	5.7		
		11	2.9	8.1		
		5.2	2.9	2.3		
	Total:		23.4	11.04%		
Glass	All glass	29	3.4	25.6	12.08%	
Metal	All metal	9.1	3.4	5.7		
		4.3	2.9	1.4		
		Total:		7.1	3.35%	
Organics	Yard Waste	25.1	2.9	22.2		
		8.1	2.9	5.2		
		Total:		27.4	12.92%	
	Textiles	14	2.9	11.1		
	Total:		11.1	5.24%		
	Food Waste	48.7	3.6	45.1	21.27%	
Inorganics	All	7.9	3.4	4.5	2.12%	

96.37%

Waste Composition Data Sheet

Sample ID: Sample 12
Date: 12-Dec-11
Time: Delivered 1:23pm
Weather: Sunny / Breezy
Route:
 Windward loop, east caravilla, hospitak, marina point, marine hill
Company: Bremcore
Vehicle Type: Companctor Truck C4453
Recorded By: K. Perkins
Approximate Weight: In: 42480 Out: 36360

Total Weight of Sample: 209.1

Category	Component	Gross Weight	Tare	Sample Weight	Percent of Total
Paper	Cardboard	13.4	3.4	10	
		11.5	3.4	8.1	
		Total:		18.1	8.66%
	Newsprint, Misc.	11.3	3.4	7.9	
		20.9	3.4	17.5	
		Total:		25.4	12.15%
Plastic	Styrofoam	4.3	2.9	1.4	0.67%
	Bags / Wrappers	5.5	2.9	2.6	
		9.4	2.9	6.5	
		6.6	2.9	3.7	
		Total:		12.8	6.12%
Containers/Bottles	10.4	2.9	7.5		
	14	2.9	11.1		
	8.4	2.9	5.5		
	Total:		24.1	11.53%	
Glass	All glass	25	3.4	21.6	10.33%
Metal	All metal	9.3	3.4	5.9	2.82%
Organics	Yard Waste	13.2	2.9	10.3	4.93%
	Textiles	16.4	2.9	13.5	6.46%
	Food Waste	72	3.6	68.4	32.71%
Inorganics	All	5.6	3.4	2.2	1.05%
					97.42%

Waste Composition Data Sheet

Sample ID: Sample 13
Date: Delivered 12/12/2011, Sampled 12/13/2011
Time: Delivered 04:08pm
Weather: Sunny
Route:
 Cusco Barrier, Carribean Circle, Camp Justice, West Iguna, Iguna Circle
Company: Bremcore
Vehicle Type: Companctor Truck C4454
Recorded By: K. Perkins
Approximate Weight: In: 48380 Out: 36340

Total Weight of Sample: 204.8

Category	Component	Gross Weight	Tare	Sample Weight	Percent of Total
Paper	Cardboard	13	3.4	9.6	
		20.3	3.4	16.9	
		6.7	3.4	3.3	
			Total:	29.8	14.55%
	Newsprint, Misc.	16.7	3.4	13.3	
		Total:	13.3	6.49%	
Plastic	Styrofoam	4.5	2.9	1.6	
		3	2.9	0.1	
		Total:	1.7	13.08%	
	Bags / Wrappers	5.7	2.7	3	
7.8		2.7	5.1		
5.5		2.7	2.8		
Total:		10.9	5.32%		
Containers/Bottles	6.6	2.8	3.8		
	10	2.8	7.2		
	4.9	2.8	2.1		
	Total:	13.1	6.40%		
Glass	All glass	24.6	2.7	21.9	10.69%
Metal	All metal	12.8	3.4	9.4	4.59%
Organics	Yard Waste	31.3	2.9	28.4	13.87%
	Textiles	16.3	2.8	13.5	
4.8		2.8	2		
Total:		15.5	7.57%		
	Food Waste	39.3	3.4	35.9	17.53%
Inorganics	All	11.4	3.4	8	3.91%

103.99%

Waste Composition Data Sheet

Sample ID: Sample 14
Date: 13-Dec-11
Time: Delivered 07:53am
Weather: Sunny
Route: Comminsary, McDonalds, Marine Hill, Pier Bravo, Bay View Club, Cuban Club, Navy Lodge, Wind Jammer
Company: Bremcore
Vehicle Type: Companctor Truck C4453
Recorded By: K. Perkins
Approximate Weight: In: 43320 Out: 36360

Total Weight of Sample: 212.1

Category	Component	Gross Weight	Tare	Sample Weight	Percent of Total
Paper	Cardboard	18.9	3.4	15.5	
		30.8	3.4	27.4	
		20.4	3.4	17	
		16.4	3.4	13	
		4.1	3.4	0.7	
		Total:			73.6
	Newsprint, Misc.	22.5	3.4	19.1	
			Total:	19.1	9.01%
Plastic	Styrofoam	4.1	2.7	1.4	0.66%
	Bags / Wrappers	18.5	2.7	15.8	
		5.7	2.7	3	
		Total:		18.8	8.86%
	Containers/Bottles	10.4	2.8	7.6	
3.8		2.8	1		
	Total:		8.6	4.05%	
Glass	All glass	4.5	2.7	1.8	0.85%
Metal	All metal	5	3.4	1.6	0.75%
Organics	Yard Waste	2.9	2.8	0.1	0.05%
	Textiles	30.8	2.8	28	
		4.6	2.8	1.8	
	Total:		29.8	14.05%	
	Food Waste	53.5	3.4	50.1	23.62%
Inorganics	All	6.7	3.4	3.3	1.56%
					98.16%

Waste Composition Data Sheet

Sample ID: Sample 15
Date: 13-Dec-11
Time: Delivered 09:33am
Weather: Sunny / Windy
Route:
 Camp America, Galley, Prison
Company: Bremcore
Vehicle Type: Companctor Truck C4454
Recorded By: K. Perkins
Approximate Weight: In: 41200 Out: 36340

Total Weight of Sample: 250.6

Category	Component	Gross Weight	Tare	Sample Weight	Percent of Total
Paper	Cardboard	14.7	3.4	11.3	
		6.2	3.4	2.8	
			Total:	14.1	5.63%
	Newsprint, Misc.	12	3.4	8.6	
			Total:	8.6	3.43%
Plastic	Styrofoam	6	2.7	3.3	
		5.5	2.7	2.8	
		5.2	2.7	2.5	
		7.9	2.7	5.2	
		Total:		13.8	5.51%
	Bags / Wrappers	13.4	2.7	10.7	
			Total:	10.7	4.27%
	Containers/Bottles	6.6	2.8	3.8	
		7.6	2.8	4.8	
		3.1	2.8	0.3	
		Total:		8.9	3.55%
Glass	All glass	5.8	3.4	2.4	0.96%
Metal	All metal	5.7	3.4	2.3	0.92%
Organics	Yard Waste	15.7	2.9	12.8	5.11%
	Textiles	8.2	2.8	5.4	
		2.9	2.8	0.1	
		Total:		5.5	2.19%
	Food Waste	75.4	3.4	72	
		93.2	3.4	89.8	
		Total:		161.8	64.57%
Inorganics	All	4.4	3.4	1	0.40%

96.53%

Waste Composition Data Sheet

Sample ID: Sample 16
Date: 13-Dec-11
Time: delivered 10:18am
Weather: Sunny / Windy
Route: Nob Hill, Granadillo Circle and Granadillo Point, Barber, Hospital, Marine Point
Company: Bremcore
Vehicle Type: Companctor Truck C4453
Recorded By: K. Perkins
Approximate Weight: In: 42860 Out: 36360

Total Weight of Sample: 218.1

Category	Component	Gross Weight	Tare	Sample Weight	Percent of Total	
Paper	Cardboard	14.9	3.4	11.5		
		24.6	3.4	21.2		
		14.1	3.4	10.7		
			Total:	43.4	19.90%	
	Newsprint, Misc.		14.9	3.4	11.5	
			24.6	3.4	21.2	
		14.1	3.4	10.7		
		Total:		43.4	19.90%	
Plastic	Styrofoam	4.4	2.7	1.7		
		2.9	2.7	0.2		
		Total:		1.9	0.87%	
	Bags / Wrappers		5.2	2.7	2.5	
			5	2.7	2.3	
		Total:		4.8	2.20%	
Containers/Bottles		13.4	2.9	10.5		
		10.3	2.9	7.4		
	Total:		17.9	8.21%		
Glass	All glass	17.1	2.7	14.4	6.60%	
Metal	All metal	13.4	3.4	10	4.59%	
Organics	Yard Waste	23.6	2.8	20.8		
		5.2	2.8	2.4		
		Total:		23.2	10.64%	
	Textiles	16.5	2.8	13.7		
	Total:		13.7	6.28%		
	Food Waste	42.2	3.4	38.8	17.79%	
Inorganics	All	8.2	3.4	4.8	2.20%	

99.17%

Baker

Virginia Beach, VA

Michael Baker Jr., Inc.
APPENDIX C

*Report Waste Characterization
Field Work Photographic Log*



Photograph: 1 | *Municipal solid waste sorting area*

*Solid Waste Characterization
Study*

*Naval Station Guantanamo Bay
(GTMO), Cuba*



Photograph: 2 | *Labeled and weighed sorting bins*

*Solid Waste Characterization
Study*

*Naval Station Guantanamo Bay
(GTMO), Cuba*



Photograph: 3	<i>Collection truck discharging load for sampling</i>
<i>Solid Waste Characterization Study</i>	<i>Naval Station Guantanamo Bay (GTMO), Cuba</i>



Photograph: 4	<i>Front-end loader transporting sample to clean tarp</i>
<i>Solid Waste Characterization Study</i>	<i>Naval Station Guantanamo Bay (GTMO), Cuba</i>



Photograph: 5	<i>Sample on tarp</i>	
<i>Solid Waste Characterization Study</i>		<i>Naval Station Guantanamo Bay (GTMO), Cuba</i>



Photograph: 6	<i>Weighing sample and transporting from tarp to clean plywood sorting table</i>	
<i>Solid Waste Characterization Study</i>		<i>Naval Station Guantanamo Bay (GTMO), Cuba</i>



Photograph: 7	<i>Manually sorting sample</i>
<i>Solid Waste Characterization Study</i>	<i>Naval Station Guantanamo Bay (GTMO), Cuba</i>



Photograph: 8	<i>Sorted Plastic Bags/Wrappers</i>
<i>Solid Waste Characterization Study</i>	<i>Naval Station Guantanamo Bay (GTMO), Cuba</i>



Photograph: 9	Sorted Textiles
Solid Waste Characterization Study	Naval Station Guantanamo Bay (GTMO), Cuba



Photograph: 10	Sorted Food
Solid Waste Characterization Study	Naval Station Guantanamo Bay (GTMO), Cuba



Photograph: 11 Telephone Pole Stockpile

Solid Waste Characterization
Study

Naval Station Guantanamo Bay
(GTMO), Cuba



Photograph: 12 Tire Stockpile

Solid Waste Characterization
Study

Naval Station Guantanamo Bay
(GTMO), Cuba



Photograph: 13	<i>Sewage Sludge and Grease Lagoon</i>
<i>Solid Waste Characterization Study</i>	<i>Naval Station Guantanamo Bay (GTMO), Cuba</i>



Photograph: 14	<i>Hazardous Waste Storage Area</i>
<i>Solid Waste Characterization Study</i>	<i>Naval Station Guantanamo Bay (GTMO), Cuba</i>



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Appendix E: Air Dispersion and Deposition Modeling Inputs



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Introduction

This appendix presents the air modeling supporting information that is discussed in Section 2 of the HHRA, including the inputs for dispersion and deposition modeling (e.g., model input files and the meteorological data). Modeling was performed using the AERMOD Modeling System (Version 15181).¹ The USEPA recommends using AERMOD for this type (i.e., an emission source such as the ACIs) of air modeling assessment.² AERMOD is generally considered a conservative model (i.e., the algorithm and assumptions incorporated into the model are intended to overestimate concentrations versus underestimate concentrations); it uses the Gaussian Plume analytical solution to compute concentrations throughout the model domain (i.e., the area where concentrations and deposition are predicted by the model). The Gaussian Plume solution for the complex differential equations, which govern atmospheric dispersion in the lower layers of the atmosphere, assumes that conditions are in a steady state.

Air Quality Model Inputs

The AERMOD model requires extensive input information which can be grouped into three general categories:

- **Emission Source Data:** Emission information, including the emission rates and the conditions of release.
 - Appendix F presents the emission estimates for the ACIs that were used in the air dispersion and deposition modeling.
- **Meteorological Data:** Atmospheric motions and other conditions that affect the transport, dispersion, and deposition of COPCs.
 - Five years of meteorological data are presented in electronic format in the attached file AERMET.ZIP.
 - The meteorological data were obtained from the Guantanamo Leeward Point Airport from 2008 through 2012 (i.e., the most current 5-year period) were included in this HHRA. Leeward Airport is a Class A National Weather Service site (Class A sites are attended by an operator 24 hours per day) which means it collects very high quality meteorological data.
- **Receptor Data:** The locations (receptors) for which the model will compute air concentrations and deposition rates.
 - The receptor grid (i.e., the locations where air concentrations and deposition were predicted by the air model) is presented on Figure 1 in Appendix A and are summarized in electronic format in the attached file NSGB_ACI_HHRA.REC.

¹ https://www3.epa.gov/ttn/scram/dispersion_prefrec.htm#aermod

² The Guideline on Air Quality Models (GUIDELINE) is produced and regularly updated by the USEPA and provides direction on selecting air quality models to use for specific applications (40 CFR, Part 51). For the current modeling analysis, the GUIDELINE and USEPA Combustor Protocol indicate that the AERMOD model is the appropriate model to use for the ACIs.



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- Topographic information data are presented in electronic format in attached file MODELING_DOMAIN.ZIP.

AERMOD input files are presented in electronic format in attached file AERMOD_FILES_20170116.zip



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Appendix F

ACI Emission Estimates



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Section 3: References.....	6

Tables

Table F-1 – Daytime Emission Rates Summary Statistics

Table F-2 – Nighttime Emission Rates Summary Statistics



Section 1: Introduction

Emission rates were calculated for the air curtain incinerators (ACIs) at Naval Station Guantanamo Bay (NSGB). The three ACIs are loaded intermittently as municipal solid waste (MSW) arrives at the landfill. MSW consists of wood, household garbage, construction debris, yard waste, et cetera. The ACI emission rates were measured for the daytime (approximately 7 AM to 5 PM) and nighttime (approximately 5 PM to 7 AM). MSW is only loaded into the ACIs during the day and the ACI fans only operate during the day. No MSW is loaded into the ACIs at night and the ACI fans do not operate at night, which likely result in less efficient combustion and potentially smoldering conditions at night.

One of the three ACIs was sampled for emissions because the three ACIs are identical (i.e., it was assumed that the results from one ACI were representative of emissions from all of the ACIs). Emissions sampling was conducted from April 18 through April 30, 2016 in accordance with Ambient Air Services, Inc.'s (AASI's) Sample Plan (AASI 2016a). The raw emission data were presented in AASI's Emissions Test Report for the ACIs (AASI 2016b). Separate daytime and nighttime samples were collected because the operating parameters for the ACIs during the day and night are different and may result in different particle size distributions and different emission rates for chemicals.

Daytime and nighttime emission rates were calculated for use in the NSGB Human Health Risk Assessment. Daytime emission rate summary statistics are presented in Table F-1 and nighttime emissions rates summary statistics are presented in Table F-2. Nondetected results were included in all calculations assuming half the sample/chemical-specific detection limit. The summary statistics were calculated using SiteSTAT™ 2.0 Statistical Software. The statistical formulas used to calculate the statistics are presented in the following section.



Section 2: Statistical Formulas Used To Calculate Summary Statistics

This section presents the statistical formulas that were used to calculate the summary statistics presented in Table F-1 and Table F-2. Nondetected results were included in all calculations assuming half the sample/chemical-specific detection limit.

Statistical Formulas

Lognormal Mean

The lognormal mean returns the mean value of the natural logarithm transformed values. The lognormal mean is calculated as follows:

$$\hat{\mu} = e^{\left(\bar{y} + \frac{s_y^2}{2} \right)}$$

Logarithmic Upper Confidence Limit for the Mean

The logarithmic upper confidence limit for the mean returns the one-sided natural logarithm upper confidence limit on the mean. The logarithmic upper confidence limit for the mean is calculated as follows:

$$UL_{1-\alpha} = e^{\left(\bar{y} + 0.5s_y^2 + \frac{s_y H_{1-\alpha}}{\sqrt{n-1}} \right)}$$

Values of the H statistic not found in the lookup table found in *Statistical Methods for Environmental Pollution Monitoring* (Gilbert 1987) were calculated using 4-Point Lagrangian Interpolation. Lagrangian Interpolation is calculated as follows:

$$y_i = \sum_{i=0}^n \frac{H_n(X)}{(X - X_i)H'(X_i)} y_i, \quad i = 0, 1, \dots, n,$$

$$H(x) = (X - X_0)(X - X_1) \cdots (X - X_n)$$

$$H'(X) = \frac{d}{d_x} H_n(X)$$

Mean (arithmetic)

The mean returns the arithmetic mean of the values. The mean is calculated as follows:

$$\bar{X} = \sum \frac{X_i}{n}$$

Median

The median returns the median value of the distribution. The median is the value that divides a distribution exactly in half. The median is also referred to as the 50th percentile. The median is calculated as follows:

1. Order data from lowest to highest to obtain sample order statistics.

$$X_{[1]} \leq X_{[2]} \leq \dots \leq X_{[n]}$$



2. If n is odd, the sample median is the $\frac{(n+1)}{2}$ th value.
3. If n is even, the sample median is the average of the $\frac{n}{2}$ th and the $\frac{(n+2)}{2}$ th values.

Maximum Detected Value

Returns the maximum detected value in the distribution.

Maximum Non-Detected Value

Returns the maximum non-detected value in the distribution.

Minimum Detected Value

Returns the minimum detected value in the distribution.

Minimum Non-Detected Value

Returns the minimum non-detected value in the distribution.

Standard Deviation (Sample)

The standard deviation returns the deviation of the sample distribution. The sample standard deviation is calculated as follows:

$$s = \sqrt{\frac{SS}{n-1}}$$

Where,

s = Sample standard deviation

SS = Sum of Squared deviations

n = Number of scores in the sample

The sum of squared deviations is calculated using the following formula:

$$SS = \sum X_i^2 - \frac{(\sum X_i)^2}{N}$$

Upper Confidence Limit for the Mean

The upper confidence limit for the mean returns the one-sided upper confidence limit on the mean. The t-statistic is used to estimate the location of the mean in a sample distribution when the population standard deviation (s) and the population mean (μ) are unknown. The t-statistic is calculated as follows:

$$\mu = \bar{X} \pm t s_x$$

The standard error of a distribution of sample means is calculated as follows.

$$s_x = \frac{s}{\sqrt{n}}$$



How well the sample standard deviation (s) estimates the population standard deviation depends mainly on sample size, which is described in terms of degrees of freedom. The degrees of freedom describes the number of scores in a sample that are free to vary. The degrees of freedom is calculated as follows:

$$df = n - 1$$

Distribution Tests

Two distribution tests were used to calculate emissions estimates: the Shapiro-Wilk Test and the D'Agostino's Test. These tests are summarized below.

Shapiro-Wilk Test (W Test)

The W statistic tests the null hypothesis (H_0), which is that the data have been drawn from a normal distribution. The alternative (H_1) is that the underlying population is not normally distributed. This test is applicable when the sample size is 50. The W statistic is calculated as follows:

1. Compute the denominator of the W test statistic.

$$d = \sum_{i=1}^n (X_i - \bar{X})^2$$

2. Order data from lowest to highest to obtain sample order statistics.

$$X_{[1]} \leq X_{[2]} \leq \dots \leq X_{[n]}$$

Where,

$$X_{[1]} = \text{Lowest score}$$

$$X_{[n]} = \text{Highest score}$$

3. Compute K .

$$K = \frac{n}{2} \text{ if } n \text{ is even}$$

$$K = \frac{n-1}{2} \text{ if } n \text{ is odd}$$

4. Get coefficients for a_i from a lookup table based on the K value.

5. Compute W statistic.

$$W = \frac{1}{d} \left[\sum_{i=1}^K a_i (X_{[n-i+1]} - X_{[i]}) \right]^2$$

6. Reject H_0 at the α significance level (an α of 0.05 was used) if W is less than the quantile provided in the lookup table.

To test the H_0 :

H_0 : The population has a lognormal distribution.

versus

H_1 : The population does not have a lognormal distribution.



The W Test can also be used to test the H_0 , which is that the data have been drawn from a lognormal distribution by using $Y_i = \ln X_i$ in place of X_i in the calculation.

D’Agostino’s Test (D Statistic)

The D statistic is a compliment to the W Test in that it also tests the H_0 of normality or lognormality; however, the D statistic is applicable to sample sizes between 50 and 1,000. The D statistic is calculated as follows:

1. Order data from lowest to highest to obtain sample order statistics.

$$X_{[1]} \leq X_{[2]} \leq \dots \leq X_{[n]}$$

Where,

$$X_{[1]} = \text{Lowest score}$$

$$X_{[n]} = \text{Highest score}$$

2. Compute the D statistic.

$$D = \frac{\sum_{i=1}^n [i - \frac{1}{2}(n+1)]X_{[i]}}{n^2 S}$$

Where,

$$S = \left[\frac{1}{n} \sum_{i=1}^n (X_i - \bar{X})^2 \right]^{\frac{1}{2}}$$

3. Transform D to the Y statistic by performing the following computation.

$$Y = \frac{D - 0.28209479}{0.02998598 \div \sqrt{n}}$$

4. Reject at the α significance level (an α of 0.05 was used) the H_0 , which is that the data were drawn from a normal distribution if Y is less than $\frac{\alpha}{2}$ quantile or greater than the $1 - \frac{\alpha}{2}$ quantile distribution of Y. The quantiles are obtained from a lookup table.

Y statistic quantity values not found in the *Statistical Methods for Environmental Pollution Monitoring* lookup table (Gilbert 1987) are calculated using linear interpolation. Linear interpolation is performed as follows:

$$fp = (1 - p)f_o + pf_1,$$

$$p = \frac{(X - X_o)}{(X_1 - X_o)}$$

Note: The Y statistic can also be used to test the H_0 of a lognormal population by using $Y_i = \ln X_i$ in place of X_i in the calculations.



Section 3: References

AASI 2016a. Sample Plan: Air Curtain Incinerator. Naval Station Guantanamo Bay. April 8.

AASI 2016b. Emissions Test Report: Air Curtain Incinerator. Naval Station Guantanamo Bay. November 30.

Gilbert, RO 1987. Statistical Methods for Environmental Pollution Monitoring. Van Nostrand Reinhold, New York, New York.



Table F-1: Daytime Emission Rates Summary Statistics

Constituent	Units	Number of Samples Analyzed	Frequency of Detection (%)	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Lognormal Mean	Median	Standard Deviation	95% Upper Confidence Limit	Log 95% Upper Confidence Limit	Distribution Test 5% Significance Level
Conventional Parameters														
Carbon Monoxide	g/sec	5	100	--	--	3.6	7.9	5.5	5.6	4.7	1.9	7.4	8.7	Normal/Lognormal
NOx (Oxides of Nitrogen)	g/sec	5	100	--	--	0.19	0.48	0.29	0.29	0.23	0.13	0.41	0.50	Normal/Lognormal
Oxygen	% V/V	5	100	--	--	21	21	21	21	21	0.083	21	21	Normal/Lognormal
Particulate PM<10	g/sec	5	100	--	--	1.4	5.4	3.1	3.2	3.2	1.6	4.6	7.9	Normal/Lognormal
Particulate PM<2.5	g/sec	5	100	--	--	1.0	3.5	2.4	2.5	2.9	1.1	3.4	5.9	Normal/Lognormal
Particulate Total Suspended Particulate	g/sec	5	100	--	--	1.7	3.5	2.6	2.6	2.6	0.84	3.4	4.0	Normal/Lognormal
Sulfur Dioxide	g/sec	5	100	--	--	0.018	0.24	0.074	0.076	0.036	0.095	0.16	0.90	Lognormal
Total Flow (ACFM)	acfm	5	100	--	--	103,626	159,148	128,769	129,250	119,318	25,646	153,221	160,355	Normal/Lognormal
Total Flow (SCFMD)	SCFMD	5	100	--	--	73,023	137,491	106,088	106,769	100,527	24,418	129,370	140,188	Normal/Lognormal
Total Reduced Sulfur	g/sec	5	100	--	--	0.0032	0.020	0.010	0.011	0.0058	0.0079	0.018	0.061	Normal/Lognormal
Dioxins/Furans														
1,2,3,4,6,7,8-HpCDD	g/sec	5	100	--	--	0.00000024	0.00000025	0.00000076	0.00000075	0.00000032	0.00000097	0.00000017	0.00000067	Unknown
1,2,3,4,6,7,8-HpCDF	g/sec	5	100	--	--	0.00000023	0.00000027	0.00000079	0.00000077	0.00000032	0.00000011	0.00000018	0.00000089	Unknown
1,2,3,4,7,8,9-HpCDF	g/sec	5	100	--	--	2.6E-9	0.00000029	8.3E-9	8.1E-9	3.0E-9	0.00000012	0.00000020	0.00000011	Unknown
1,2,3,4,7,8-HxCDD	g/sec	5	100	--	--	3.0E-9	0.00000023	8.1E-9	8.2E-9	4.8E-9	8.1E-9	0.00000016	0.00000038	Lognormal
1,2,3,4,7,8-HxCDF	g/sec	5	100	--	--	0.00000024	0.00000021	0.00000067	0.00000066	0.00000032	0.00000078	0.00000014	0.00000042	Unknown
1,2,3,6,7,8-HxCDD	g/sec	5	100	--	--	8.7E-9	0.00000061	0.00000021	0.00000021	0.00000011	0.00000023	0.00000042	0.00000010	Unknown
1,2,3,6,7,8-HxCDF	g/sec	5	100	--	--	6.8E-9	0.00000050	0.00000017	0.00000017	8.9E-9	0.00000018	0.00000034	0.00000085	Unknown
1,2,3,7,8,9-HxCDD	g/sec	5	100	--	--	9.9E-9	0.00000075	0.00000026	0.00000026	0.00000014	0.00000027	0.00000052	0.00000013	Lognormal
1,2,3,7,8,9-HxCDF	g/sec	5	100	--	--	6.0E-10	5.0E-9	1.5E-9	1.5E-9	6.3E-10	1.9E-9	3.4E-9	0.00000012	Unknown
1,2,3,7,8-PeCDD	g/sec	5	100	--	--	4.5E-9	0.00000022	9.9E-9	0.00000010	7.3E-9	7.0E-9	0.00000017	0.00000026	Lognormal
1,2,3,7,8-PeCDF	g/sec	5	100	--	--	8.7E-9	0.00000032	0.00000014	0.00000014	9.0E-9	0.00000010	0.00000023	0.00000033	Unknown
2,3,4,6,7,8-HxCDF	g/sec	5	100	--	--	0.00000013	0.00000012	0.00000036	0.00000036	0.00000017	0.00000045	0.00000080	0.00000028	Unknown
2,3,4,7,8-PeCDF	g/sec	5	100	--	--	0.00000016	0.00000077	0.00000031	0.00000031	0.00000020	0.00000026	0.00000055	0.00000091	Unknown
2,3,7,8-TCDD	g/sec	5	100	--	--	1.4E-9	0.00000034	9.3E-9	9.9E-9	4.3E-9	0.00000014	0.00000023	0.00000044	Lognormal
2,3,7,8-TCDF	g/sec	5	100	--	--	0.00000010	0.00000022	0.00000013	0.00000013	0.00000011	5.1E-9	0.00000018	0.00000020	Unknown
OCDD	g/sec	5	100	--	--	0.00000016	0.00000018	0.00000053	0.00000053	0.00000022	0.00000071	0.00000012	0.00000058	Unknown
OCDF	g/sec	5	100	--	--	4.4E-9	0.00000084	0.00000022	0.00000021	7.4E-9	0.00000035	0.00000055	0.00000065	Unknown
Total Dioxin/Furans (2,3,7,8-TCDD TEQs)	g/sec	5	100	--	--	0.00000019	0.00000011	0.00000050	0.00000052	0.00000028	0.00000039	0.00000086	0.00000020	Normal/Lognormal
Dibenzofuran	g/sec	5	100	--	--	0.00042	0.0013	0.00067	0.00068	0.00057	0.00035	0.0010	0.0012	Lognormal
Inorganics														
Antimony (metallic)	g/sec	5	100	--	--	0.00090	0.011	0.0032	0.0032	0.0011	0.0044	0.0074	0.045	Lognormal
Arsenic, Inorganic	g/sec	5	100	--	--	0.00042	0.00016	0.00090	0.00093	0.00056	0.00055	0.0014	0.0026	Normal/Lognormal
Barium	g/sec	5	100	--	--	0.010	0.085	0.034	0.035	0.020	0.030	0.063	0.18	Normal/Lognormal
Beryllium and compounds	g/sec	5	100	--	--	0.000038	0.000016	0.000074	0.000076	0.000066	0.000050	0.000012	0.000019	Normal/Lognormal
Cadmium	g/sec	5	100	--	--	0.00029	0.00029	0.00012	0.00013	0.000092	0.00010	0.00021	0.00078	Normal/Lognormal
Chromium, Total	g/sec	5	100	--	--	0.00037	0.0022	0.00093	0.00095	0.00066	0.00076	0.0017	0.0033	Normal/Lognormal
Cobalt	g/sec	5	100	--	--	0.00029	0.019	0.0038	0.0060	0.00090	0.0083	0.012	18,504	Lognormal
Copper	g/sec	5	100	--	--	0.00056	0.0058	0.0030	0.0035	0.0028	0.0022	0.0051	0.038	Normal/Lognormal
Hydrogen Cyanide	g/sec	5	100	--	--	0.0073	0.042	0.016	0.016	0.011	0.015	0.030	0.056	Unknown
Lead and Compounds	g/sec	5	100	--	--	0.00031	0.0017	0.0011	0.0012	0.0015	0.00064	0.0017	0.0054	Normal/Lognormal
Manganese	g/sec	5	100	--	--	0.00047	0.0014	0.00088	0.00090	0.00076	0.00039	0.0012	0.0017	Normal/Lognormal
Mercury (elemental)	g/sec	5	100	--	--	0.000034	0.000016	0.000076	0.000078	0.000045	0.000056	0.000013	0.000026	Normal/Lognormal
Nickel Soluble Salts	g/sec	5	100	--	--	0.00020	0.0013	0.00057	0.00059	0.00049	0.00041	0.00096	0.0020	Normal/Lognormal
Selenium	g/sec	5	100	--	--	0.00011	0.000073	0.000028	0.000028	0.000018	0.000026	0.000052	0.00010	Lognormal
Silver	g/sec	5	100	--	--	0.00011	0.000037	0.000021	0.000022	0.000015	0.000011	0.000031	0.000044	Normal/Lognormal
Titanium	g/sec	5	100	--	--	0.000044	0.000011	0.000074	0.000075	0.000072	0.000025	0.000098	0.000011	Normal/Lognormal
Zinc and Compounds	g/sec	5	100	--	--	0.017	0.079	0.034	0.034	0.020	0.026	0.059	0.10	Lognormal
Polycyclic Aromatic Hydrocarbons														
1-Methylnaphthalene	g/sec	5	100	--	--	0.0011	0.0047	0.0021	0.0021	0.0016	0.0015	0.0036	0.0055	Lognormal
1-Methylphenanthrene	g/sec	5	100	--	--	0.00013	0.00042	0.00024	0.00024	0.00021	0.00011	0.00034	0.00043	Normal/Lognormal
2,3,5-Trimethylnaphthalene	g/sec	5	100	--	--	0.000053	0.00016	0.000089	0.000091	0.000087	0.000043	0.00013	0.00017	Normal/Lognormal
2,6-Dimethylnaphthalene	g/sec	5	100	--	--	0.00016	0.00057	0.00028	0.00029	0.00023	0.00016	0.00044	0.00057	Lognormal
2-Methylnaphthalene	g/sec	5	100	--	--	0.0010	0.0045	0.0020	0.0020	0.0015	0.0014	0.0034	0.0049	Lognormal
Acenaphthene	g/sec	5	100	--	--	0.000094	0.00047	0.00021	0.00021	0.00017	0.00015	0.00035	0.00058	Lognormal



Table F-1: Daytime Emission Rates Summary Statistics

Constituent	Units	Number of Samples Analyzed	Frequency of Detection (%)	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Lognormal Mean	Median	Standard Deviation	95% Upper Confidence Limit	Log 95% Upper Confidence Limit	Distribution Test 5% Significance Level
Acenaphthylene	g/sec	5	100	--	--	0.00047	0.0023	0.0010	0.0011	0.00084	0.00070	0.0017	0.0026	Lognormal
Anthracene	g/sec	5	100	--	--	0.000084	0.00068	0.00031	0.00033	0.00028	0.00022	0.00052	0.0014	Normal/Lognormal
Benzo[a]anthracene	g/sec	5	100	--	--	0.000070	0.00018	0.00012	0.00012	0.00010	0.000053	0.00017	0.00023	Normal/Lognormal
Benzo(g,h,i)perylene	g/sec	5	100	--	--	0.000028	0.000088	0.000050	0.000051	0.000043	0.000023	0.000072	0.000090	Normal/Lognormal
Benzo[a]pyrene	g/sec	5	100	--	--	0.000038	0.00014	0.000072	0.000073	0.000063	0.000040	0.00011	0.00015	Normal/Lognormal
Benzo[b]fluoranthene	g/sec	5	100	--	--	0.000037	0.00023	0.00011	0.00011	0.000096	0.000074	0.00018	0.00036	Normal/Lognormal
Benzo[e]pyrene	g/sec	5	100	--	--	0.000046	0.00014	0.000077	0.000077	0.000068	0.000035	0.00011	0.00013	Normal/Lognormal
Benzo[k]fluoranthene	g/sec	2	100	--	--	0.0000042	0.0000052	0.0000047	0.0000048	0.0000047	0.00000071	0.0000079	0.0000092	Unknown
Chrysene	g/sec	5	100	--	--	0.00020	0.00073	0.00034	0.00034	0.00025	0.00023	0.00055	0.00079	Lognormal
Dibenz[a,h]anthracene	g/sec	5	100	--	--	0.0000045	0.000028	0.000013	0.000014	0.000010	0.0000089	0.000022	0.000043	Normal/Lognormal
Fluoranthene	g/sec	5	100	--	--	0.00027	0.00088	0.00048	0.00049	0.00040	0.00024	0.00071	0.00090	Normal/Lognormal
Fluorene	g/sec	5	100	--	--	0.00056	0.0023	0.0010	0.0010	0.00078	0.00069	0.0017	0.0024	Lognormal
Indeno[1,2,3-cd]pyrene	g/sec	5	100	--	--	0.000026	0.000079	0.000043	0.000043	0.000035	0.000021	0.000063	0.000077	Normal/Lognormal
Naphthalene	g/sec	6	100	--	--	0.0031	0.021	0.0093	0.0096	0.0079	0.0061	0.014	0.022	Normal/Lognormal
Perylene	g/sec	5	100	--	--	0.0000029	0.000027	0.000014	0.000015	0.000011	0.0000096	0.000023	0.00010	Normal/Lognormal
Phenanthrene	g/sec	5	100	--	--	0.0014	0.0045	0.0023	0.0023	0.0018	0.0013	0.0035	0.0044	Lognormal
Pyrene	g/sec	5	100	--	--	0.00023	0.00086	0.00045	0.00046	0.00038	0.00024	0.00068	0.00091	Normal/Lognormal
Total Carcinogenic PAHS (BaP TEQs)	g/sec	5	100	--	--	0.000061	0.00020	0.00010	0.00010	0.000086	0.000055	0.00016	0.00019	Lognormal
Polychlorinated Biphenyls														
Heptachlorobiphenyl (total)	g/sec	5	100	--	--	0.00000022	0.0000028	0.0000010	0.0000011	0.00000043	0.0000011	0.0000020	0.0000014	Normal/Lognormal
Hexachlorobiphenyl (total)	g/sec	5	100	--	--	0.00000035	0.0000072	0.0000054	0.0000055	0.0000052	0.0000016	0.0000070	0.0000080	Normal/Lognormal
Nonachlorobiphenyl (total)	g/sec	3	100	--	--	3.3E-10	0.00000071	0.00000027	0.0000025	9.9E-9	0.00000039	0.00000092	1.3E+23	Normal/Lognormal
Octachlorobiphenyl (total)	g/sec	4	100	--	--	3.4E-10	0.0000011	0.00000038	0.0000033	0.00000023	0.00000049	0.00000096	3,121,959	Normal/Lognormal
2-Chlorobiphenyl	g/sec	5	100	--	--	0.000023	0.000089	0.000045	0.000046	0.000039	0.000026	0.000070	0.00010	Normal/Lognormal
4,4'-Dichlorobiphenyl	g/sec	5	100	--	--	0.0000048	0.000011	0.0000066	0.0000067	0.0000056	0.0000028	0.0000093	0.000010	Lognormal
Pentachlorobiphenyl (total)	g/sec	5	100	--	--	0.0000015	0.0000027	0.0000021	0.0000022	0.0000022	0.0000048	0.0000026	0.0000028	Normal/Lognormal
Tetrachlorobiphenyl (total)	g/sec	5	100	--	--	0.0000018	0.0000061	0.0000037	0.0000038	0.0000035	0.0000016	0.0000052	0.0000072	Normal/Lognormal
Trichlorobiphenyl (total)	g/sec	5	100	--	--	0.0000022	0.0000059	0.0000040	0.0000040	0.0000033	0.0000017	0.0000056	0.0000073	Normal/Lognormal
Semi-volatile Organic Compounds														
1,1,1,2-Tetrachloroethane	g/sec	2	100	--	--	0.000012	0.000036	0.000024	0.000028	0.000024	0.000017	0.000099	855	Unknown
1,1'-Biphenyl	g/sec	5	100	--	--	0.0038	0.012	0.0063	0.0064	0.0053	0.0033	0.0094	0.012	Lognormal
1,2,3-Trichlorobenzene	g/sec	6	100	--	--	0.0000051	0.000019	0.0000068	0.000097	0.000021	0.000086	0.00014	0.0098	Lognormal
1,2,3-Trichloropropane	g/sec	2	100	--	--	0.000043	0.000045	0.000044	0.000044	0.000044	0.000015	0.000051	0.000049	Unknown
1,2,4-Trichlorobenzene	g/sec	5	100	--	--	0.0000073	0.000015	0.000054	0.000067	0.000016	0.000063	0.00011	0.0045	Normal/Lognormal
1,2,4-Trimethylbenzene	g/sec	6	100	--	--	0.00053	0.0019	0.0013	0.0013	0.0014	0.00057	0.0017	0.0024	Normal/Lognormal
1,2-Dibromoethane	g/sec	2	100	--	--	0.000012	0.000045	0.000028	0.000036	0.000028	0.000023	0.00013	2,394,727	Unknown
1,2-Dichlorobenzene	g/sec	5	100	--	--	0.000019	0.000087	0.000044	0.000046	0.000047	0.000028	0.000071	0.00014	Normal/Lognormal
1,3,5-Trimethylbenzene	g/sec	6	100	--	--	0.00036	0.0025	0.0014	0.0015	0.0012	0.00085	0.0021	0.0044	Normal/Lognormal
1,3-Dichlorobenzene	g/sec	5	100	--	--	0.000011	0.000042	0.000028	0.000029	0.000028	0.000011	0.000039	0.000059	Normal/Lognormal
1,3-Dichloropropane	g/sec	2	100	--	--	0.000012	0.000042	0.000027	0.000033	0.000027	0.000021	0.00012	22,868	Unknown
2,4-Dimethylphenol	g/sec	2	100	--	--	0.00051	0.0036	0.0021	0.0036	0.0021	0.0022	0.012	8.7E+20	Unknown
2-Chlorophenol	g/sec	1	100	--	--	0.00017	0.00017	0.00017	0.00017	0.00017	0.0	--	--	Unknown
2-Nitrophenol	g/sec	2	100	--	--	0.00011	0.00091	0.00051	0.00096	0.00051	0.00056	0.0030	5.0E+23	Unknown
3- & 4-Methylphenol Coelution	g/sec	5	100	--	--	0.0031	0.014	0.0060	0.0061	0.0045	0.0047	0.010	0.017	Lognormal
4-Nitrophenol	g/sec	1	100	--	--	0.0013	0.0013	0.0013	0.0013	0.0013	0.0	--	--	Unknown
Acetaldehyde	g/sec	5	100	--	--	0.049	0.51	0.21	0.23	0.12	0.19	0.39	2.0	Normal/Lognormal
Acetophenone	g/sec	5	100	--	--	0.0045	0.018	0.0084	0.0084	0.0062	0.0056	0.014	0.020	Lognormal
Benzoic Acid	g/sec	5	100	--	--	0.018	0.054	0.032	0.032	0.030	0.014	0.045	0.055	Normal/Lognormal
Benzyl Alcohol	g/sec	5	100	--	--	0.00059	0.0016	0.0010	0.0010	0.00081	0.00049	0.0015	0.0021	Normal/Lognormal
Bis(2-ethylhexyl)phthalate	g/sec	5	100	--	--	0.013	0.032	0.019	0.020	0.017	0.0075	0.027	0.031	Normal/Lognormal
Bromobenzene	g/sec	5	100	--	--	0.0000054	0.075	0.015	0.13	0.000027	0.034	0.047	4.4E+13	Unknown
Bromochloromethane	g/sec	4	100	--	--	0.0000050	0.000064	0.000036	0.000048	0.000037	0.000028	0.000069	0.0098	Normal/Lognormal
Butyl Benzyl Phthlate	g/sec	4	100	--	--	0.00013	0.00055	0.00038	0.00041	0.00042	0.00018	0.00060	0.0021	Normal/Lognormal
Carbazole	g/sec	1	100	--	--	0.000068	0.000068	0.000068	0.000068	0.000068	0.0	--	--	Unknown
cis-1,3-Dichloropropene	g/sec	2	100	--	--	0.0000056	0.000014	0.0000099	0.000011	0.0000099	0.0000060	0.000037	1.0	Unknown
Cumene	g/sec	5	100	--	--	0.0012	0.0062	0.0027	0.0027	0.0018	0.0020	0.0046	0.0080	Lognormal



Table F-1: Daytime Emission Rates Summary Statistics

Constituent	Units	Number of Samples Analyzed	Frequency of Detection (%)	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Lognormal Mean	Median	Standard Deviation	95% Upper Confidence Limit	Log 95% Upper Confidence Limit	Distribution Test 5% Significance Level
Dibromomethane (Methylene Bromide)	g/sec	1	100	--	--	0.000083	0.000083	0.000083	0.000083	0.000083	0.0	--	--	Unknown
Dibutyl-n-butyl Phthalate	g/sec	2	100	--	--	0.00032	0.00081	0.00057	0.00063	0.00057	0.00034	0.0021	59	Unknown
Dichlorodifluoromethane	g/sec	4	100	--	--	0.000025	0.00023	0.00010	0.00011	0.000075	0.000089	0.00021	0.0028	Normal/Lognormal
Dimethyl Phthalate	g/sec	1	100	--	--	0.00014	0.00014	0.00014	0.00014	0.00014	0.0	--	--	Unknown
Di-n-octyl Phthalate	g/sec	1	100	--	--	0.00026	0.00026	0.00026	0.00026	0.00026	0.0	--	--	Unknown
Formaldehyde	g/sec	5	100	--	--	0.028	0.28	0.12	0.13	0.078	0.10	0.21	0.90	Normal/Lognormal
Hexachlorobutadiene	g/sec	2	100	--	--	0.000021	0.036	0.018	945	0.018	0.025	0.13	--	Unknown
Hydrogen Chloride	g/sec	5	100	--	--	0.055	0.26	0.12	0.13	0.086	0.083	0.20	0.34	Normal/Lognormal
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	g/sec	2	100	--	--	0.000064	0.00023	0.00014	0.00018	0.00014	0.00011	0.00066	782,313	Unknown
n-Butylbenzene	g/sec	6	100	--	--	0.00057	0.0047	0.0018	0.0019	0.0012	0.0016	0.0031	0.0063	Normal/Lognormal
o-Chlorotoluene	g/sec	4	100	--	--	0.000032	0.00017	0.00010	0.00011	0.00010	0.000062	0.00018	0.0010	Normal/Lognormal
o-Cresol	g/sec	5	100	--	--	0.0016	0.0075	0.0031	0.0032	0.0022	0.0025	0.0055	0.0090	Lognormal
p-Chlorotoluene	g/sec	3	100	--	--	0.000063	0.00021	0.00013	0.00013	0.00011	0.000077	0.00026	0.0041	Normal/Lognormal
Phenol	g/sec	5	100	--	--	0.014	0.037	0.020	0.020	0.016	0.0097	0.029	0.034	Unknown
Phosphorus, White	g/sec	5	100	--	--	0.0027	0.0073	0.0050	0.0051	0.0042	0.0020	0.0070	0.0091	Normal/Lognormal
Propionaldehyde	g/sec	5	100	--	--	0.0056	0.055	0.023	0.025	0.012	0.021	0.042	0.20	Normal/Lognormal
Propyl benzene	g/sec	6	100	--	--	0.00091	0.0032	0.0018	0.0018	0.0017	0.00086	0.0025	0.0031	Normal/Lognormal
Pyridine	g/sec	5	100	--	--	0.0010	0.0040	0.0018	0.0018	0.0012	0.0013	0.0030	0.0044	Lognormal
sec-Butylbenzene	g/sec	5	100	--	--	0.00014	0.00081	0.00032	0.00033	0.00018	0.00028	0.00059	0.0012	Lognormal
tert-Butylbenzene	g/sec	4	100	--	--	0.000070	0.074	0.019	1.4	0.000019	0.037	0.062	5.6E+30	Unknown
trans-1,3-Dichloropropene	g/sec	4	100	--	--	0.0000086	0.000034	0.000017	0.000018	0.000013	0.000012	0.000031	0.000077	Normal/Lognormal
Trichlorofluoromethane	g/sec	5	100	--	--	0.0000039	0.000074	0.000035	0.000046	0.000031	0.000025	0.000059	0.00089	Normal/Lognormal
Volatile Organic Compounds														
1,1,1-Trichloroethane	g/sec	3	100	--	--	0.0000044	0.000034	0.000016	0.000019	0.0000087	0.000016	0.000043	0.42	Normal/Lognormal
1,1-Dichloroethylene	g/sec	5	100	--	--	0.00000092	0.000038	0.000011	0.000012	0.0000030	0.000016	0.000025	0.0013	Lognormal
1,2-cis-Dichloroethylene	g/sec	3	100	--	--	0.000010	0.0048	0.0016	0.027	0.000027	0.0028	0.0063	4.5E+42	Lognormal
1,2-Dichloroethane	g/sec	6	100	--	--	0.0000037	0.00064	0.00032	0.0010	0.00032	0.00021	0.00050	0.55	Normal
1,2-trans-Dichloroethylene	g/sec	1	100	--	--	0.034	0.034	0.034	0.034	0.034	0.0	--	--	Unknown
1,4-Dichlorobenzene	g/sec	5	100	--	--	0.000015	0.000039	0.000026	0.000026	0.000023	0.000011	0.000036	0.000047	Normal/Lognormal
2-Hexanone	g/sec	3	100	--	--	0.00054	0.0015	0.00093	0.00097	0.00078	0.00049	0.0018	0.011	Normal/Lognormal
Benzene	g/sec	6	100	--	--	0.019	0.13	0.086	0.096	0.10	0.050	0.13	0.35	Normal/Lognormal
Bromodichloromethane	g/sec	3	100	--	--	0.000026	0.000047	0.000039	0.000039	0.000043	0.000011	0.000057	0.00010	Normal/Lognormal
Bromomethane	g/sec	5	100	--	--	0.00048	0.0015	0.00087	0.00090	0.00074	0.00045	0.0013	0.0019	Normal/Lognormal
Carbon dioxide	% V/V	5	100	--	--	0.086	0.27	0.21	0.22	0.25	0.075	0.28	0.43	Normal
Carbon Disulfide	g/sec	6	100	--	--	0.000075	0.0035	0.00080	0.00083	0.00030	0.0013	0.0019	0.019	Lognormal
Carbon Tetrachloride	g/sec	5	100	--	--	0.0000068	0.00036	0.000089	0.000096	0.000025	0.00015	0.00023	0.020	Lognormal
Chlorobenzene	g/sec	6	100	--	--	0.000024	0.0017	0.00071	0.0013	0.00070	0.00057	0.0012	0.064	Normal
Chloroform	g/sec	3	100	--	--	0.000011	0.0022	0.00075	0.0044	0.00039	0.0013	0.0029	1.5E+28	Lognormal
Chloromethane	g/sec	6	100	--	--	0.000021	0.020	0.0070	0.049	0.0059	0.0073	0.013	1,638	Normal/Lognormal
Dibromochloromethane	g/sec	1	100	--	--	0.00096	0.00096	0.00096	0.00096	0.00096	0.0	--	--	Unknown
Ethyl Chloride	g/sec	5	100	--	--	0.00042	0.0028	0.0015	0.0016	0.00095	0.0010	0.0025	0.0076	Normal/Lognormal
Ethylbenzene	g/sec	6	100	--	--	0.000083	0.046	0.023	0.16	0.022	0.015	0.036	2,482	Normal
m&p-Xylene	g/sec	6	100	--	--	0.0029	0.011	0.0064	0.0066	0.0051	0.0038	0.0095	0.014	Normal/Lognormal
Methyl Ethyl Ketone (2-Butanone)	g/sec	6	100	--	--	0.00091	0.0065	0.0030	0.0032	0.0029	0.0021	0.0047	0.010	Normal/Lognormal
Methylene Chloride	g/sec	6	100	--	--	0.00030	0.0055	0.0024	0.0029	0.0020	0.0020	0.0040	0.024	Normal/Lognormal
o-Xylene	g/sec	6	100	--	--	0.0020	0.0074	0.0042	0.0043	0.0033	0.0023	0.0061	0.0083	Normal/Lognormal
p-Isopropyltoluene	g/sec	6	100	--	--	0.00014	0.0055	0.0012	0.0012	0.00030	0.0021	0.0029	0.025	Lognormal
Styrene	g/sec	6	100	--	--	0.00043	0.13	0.069	0.33	0.067	0.046	0.11	924	Normal
Tetrachloroethylene	g/sec	5	100	--	--	0.0000095	0.000030	0.000019	0.000020	0.000018	0.000075	0.000026	0.000035	Normal/Lognormal
Toluene	g/sec	6	100	--	--	0.000011	0.053	0.030	2.0	0.035	0.018	0.045	188,870,403	Normal
Total Xylenes	g/sec	6	100	--	--	0.0052	0.018	0.011	0.011	0.0080	0.0060	0.016	0.022	Normal/Lognormal
Trichloroethylene	g/sec	4	100	--	--	0.0000014	0.0000045	0.0000029	0.0000031	0.0000029	0.0000014	0.0000046	0.0000097	Normal/Lognormal
Vinyl Chloride	g/sec	6	100	--	--	0.000045	0.0058	0.0015	0.0025	0.00094	0.0021	0.0033	0.24	Lognormal

Notes:

--: No value



Table F-2: Nighttime Emission Rates Summary Statistics

Constituent	Units	Number of Samples Analyzed	Frequency of Detection (%)	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Lognormal Mean	Median	Standard Deviation	95% Upper Confidence Limit	Log 95% Upper Confidence Limit	Distribution Test 5% Significance Level
Conventional Parameters														
Carbon Monoxide	g/sec	5	100	--	--	4.5	13	6.5	6.5	4.8	3.6	9.9	12	Unknown
NOx (Oxides of Nitrogen)	g/sec	5	100	--	--	0.070	0.51	0.18	0.18	0.10	0.19	0.36	0.84	Lognormal
Oxygen	% V/V	5	100	--	--	21	21	21	21	21	0.074	21	21	Unknown
Particulate PM<10	g/sec	5	100	--	--	1.5	11	4.8	5.2	4.7	3.8	8.4	29	Normal/Lognormal
Particulate PM<2.5	g/sec	5	100	--	--	1.4	10	4.3	4.6	3.9	3.5	7.6	27	Normal/Lognormal
Particulate Total Suspended Particulate	g/sec	5	100	--	--	1.0	7.9	3.6	3.8	2.4	2.7	6.1	16	Normal/Lognormal
Sulfur Dioxide	g/sec	5	100	--	--	0.010	0.15	0.041	0.040	0.015	0.060	0.098	0.71	Unknown
Total Flow (ACFM)	acfm	5	100	--	--	84,796	120,339	100,177	100,410	99,401	15,416	114,876	118,092	Normal/Lognormal
Total Flow (SCFMD)	SCFMD	5	100	--	--	72,499	104,782	87,245	87,429	89,404	12,678	99,333	101,852	Normal/Lognormal
Total Reduced Sulfur	g/sec	5	100	--	--	0.027	0.13	0.056	0.057	0.035	0.044	0.097	0.18	Lognormal
Dioxins/Furans														
1,2,3,4,6,7,8-HpCDD	g/sec	5	100	--	--	0.00000029	0.00000045	0.00000014	0.00000015	0.000000055	0.00000018	0.00000031	0.00000024	Lognormal
1,2,3,4,6,7,8-HpCDF	g/sec	5	100	--	--	0.00000038	0.00000048	0.00000014	0.00000014	0.000000060	0.00000019	0.00000032	0.00000019	Lognormal
1,2,3,4,7,8,9-HpCDF	g/sec	5	100	--	--	4.4E-9	0.00000064	0.000000019	0.000000019	7.1E-9	0.00000026	0.00000043	0.00000031	Lognormal
1,2,3,4,7,8-HxCDD	g/sec	5	100	--	--	4.0E-9	0.00000055	0.000000017	0.000000018	7.6E-9	0.00000021	0.00000037	0.00000020	Lognormal
1,2,3,4,7,8-HxCDF	g/sec	5	100	--	--	0.00000038	0.00000048	0.00000014	0.00000014	0.000000062	0.00000019	0.00000032	0.00000018	Lognormal
1,2,3,6,7,8-HxCDD	g/sec	5	100	--	--	0.00000013	0.00000016	0.000000046	0.000000045	0.000000018	0.000000061	0.00000010	0.00000054	Lognormal
1,2,3,6,7,8-HxCDF	g/sec	5	100	--	--	7.9E-9	0.00000012	0.000000036	0.000000038	0.000000014	0.000000047	0.000000081	0.00000060	Lognormal
1,2,3,7,8,9-HxCDD	g/sec	5	100	--	--	0.00000012	0.00000018	0.000000055	0.000000057	0.000000025	0.000000070	0.00000012	0.00000079	Lognormal
1,2,3,7,8,9-HxCDF	g/sec	5	100	--	--	9.5E-10	0.00000013	3.5E-9	3.5E-9	1.1E-9	5.1E-9	8.4E-9	0.00000059	Unknown
1,2,3,7,8-PeCDD	g/sec	5	100	--	--	5.3E-9	0.00000069	0.000000022	0.000000023	0.000000011	0.000000027	0.00000047	0.00000023	Lognormal
1,2,3,7,8-PeCDF	g/sec	5	100	--	--	0.00000011	0.00000011	0.000000032	0.000000031	0.000000013	0.000000041	0.000000071	0.00000028	Unknown
2,3,4,6,7,8-HxCDF	g/sec	5	100	--	--	0.00000020	0.00000023	0.000000069	0.000000069	0.000000037	0.000000089	0.00000015	0.00000079	Lognormal
2,3,4,7,8-PeCDF	g/sec	5	100	--	--	0.00000020	0.00000024	0.000000071	0.000000070	0.000000034	0.000000093	0.00000016	0.00000075	Lognormal
2,3,7,8-TCDD	g/sec	5	100	--	--	1.3E-9	0.00000014	6.1E-9	6.8E-9	3.2E-9	5.4E-9	0.00000011	0.00000067	Normal/Lognormal
2,3,7,8-TCDF	g/sec	5	100	--	--	0.00000012	0.00000010	0.000000033	0.000000033	0.000000017	0.000000039	0.000000070	0.00000021	Unknown
OCDD	g/sec	5	100	--	--	0.00000021	0.00000029	0.000000091	0.000000095	0.000000041	0.00000011	0.00000020	0.00000013	Lognormal
OCDF	g/sec	5	100	--	--	5.3E-9	0.00000012	0.000000033	0.000000035	0.000000013	0.000000047	0.000000078	0.00000090	Lognormal
Total Dioxin/Furans (2,3,7,8-TCDD TEQs)	g/sec	5	100	--	--	0.00000025	0.00000030	0.000000093	0.000000094	0.000000044	0.00000012	0.00000020	0.00000099	Lognormal
Dibenzofuran	g/sec	5	100	--	--	0.00082	0.0033	0.0017	0.0017	0.0014	0.00098	0.0026	0.0037	Normal/Lognormal
Inorganics														
Antimony (metallic)	g/sec	5	100	--	--	0.000052	0.0020	0.00054	0.00061	0.00026	0.00081	0.0013	0.042	Lognormal
Arsenic, Inorganic	g/sec	5	100	--	--	0.000032	0.00021	0.000077	0.000077	0.000046	0.000076	0.00015	0.00032	Lognormal
Barium	g/sec	5	100	--	--	0.00013	0.030	0.0086	0.021	0.0027	0.012	0.020	291	Lognormal
Beryllium and compounds	g/sec	5	100	--	--	0.000020	0.00017	0.0000051	0.0000050	0.0000021	0.0000065	0.000011	0.000041	Unknown
Cadmium	g/sec	5	100	--	--	0.000022	0.00022	0.000096	0.00011	0.000090	0.000073	0.00017	0.00060	Normal/Lognormal
Chromium, Total	g/sec	5	100	--	--	0.00024	0.0026	0.00086	0.00088	0.00047	0.00098	0.0018	0.0064	Lognormal
Cobalt	g/sec	5	100	--	--	0.000022	0.00014	0.000050	0.000050	0.000029	0.000051	0.000098	0.00022	Unknown
Copper	g/sec	5	100	--	--	0.00094	0.0062	0.0022	0.0021	0.0012	0.0022	0.0043	0.0095	Unknown
Hydrogen Cyanide	g/sec	5	100	--	--	0.0057	0.041	0.025	0.028	0.027	0.015	0.039	0.15	Normal/Lognormal
Lead and Compounds	g/sec	5	100	--	--	0.00026	0.0017	0.00066	0.00067	0.00048	0.00061	0.0012	0.0028	Lognormal
Manganese	g/sec	5	100	--	--	0.00035	0.0015	0.00068	0.00069	0.00050	0.00045	0.0011	0.0016	Lognormal
Mercury (elemental)	g/sec	4	100	--	--	0.0000068	0.00020	0.0000064	0.0000084	0.0000023	0.0000093	0.000017	0.051	Lognormal
Nickel Soluble Salts	g/sec	5	100	--	--	0.00022	0.00072	0.00043	0.00044	0.00036	0.00021	0.00063	0.00091	Normal/Lognormal
Selenium	g/sec	5	100	--	--	0.000017	0.000033	0.000022	0.000022	0.000021	0.0000065	0.000028	0.000030	Normal/Lognormal
Silver	g/sec	5	100	--	--	0.000067	0.000028	0.000013	0.000013	0.0000093	0.0000084	0.000021	0.000030	Lognormal
Titanium	g/sec	5	100	--	--	0.000067	0.000013	0.0000088	0.0000089	0.0000083	0.0000026	0.000011	0.000012	Normal/Lognormal
Zinc and Compounds	g/sec	5	100	--	--	0.0025	0.033	0.011	0.012	0.0061	0.013	0.023	0.16	Lognormal
Polycyclic Aromatic Hydrocarbons														
1-Methylnaphthalene	g/sec	5	100	--	--	0.0026	0.010	0.0058	0.0060	0.0047	0.0030	0.0087	0.014	Normal/Lognormal
1-Methylphenanthrene	g/sec	5	100	--	--	0.00033	0.0013	0.00071	0.00073	0.00062	0.00038	0.0011	0.0016	Normal/Lognormal
2,3,5-Trimethylnaphthalene	g/sec	5	100	--	--	0.00017	0.00055	0.00036	0.00038	0.00041	0.00016	0.00051	0.00077	Normal/Lognormal
2,6-Dimethylnaphthalene	g/sec	5	100	--	--	0.00046	0.0015	0.00094	0.00096	0.00081	0.00041	0.0013	0.0018	Normal/Lognormal
2-Methylnaphthalene	g/sec	5	100	--	--	0.0024	0.010	0.0057	0.0059	0.0047	0.0030	0.0085	0.014	Normal/Lognormal
Acenaphthene	g/sec	5	100	--	--	0.00026	0.0010	0.00062	0.00064	0.00052	0.00031	0.00091	0.0015	Normal/Lognormal



Table F-2: Nighttime Emission Rates Summary Statistics

Constituent	Units	Number of Samples Analyzed	Frequency of Detection (%)	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Lognormal Mean	Median	Standard Deviation	95% Upper Confidence Limit	Log 95% Upper Confidence Limit	Distribution Test 5% Significance Level
Acenaphthylene	g/sec	5	100	--	--	0.0011	0.0072	0.0034	0.0036	0.0029	0.0023	0.0056	0.012	Normal/Lognormal
Anthracene	g/sec	5	100	--	--	0.00049	0.0020	0.0011	0.0011	0.00088	0.00059	0.0017	0.0025	Normal/Lognormal
Benz[a]anthracene	g/sec	5	100	--	--	0.00022	0.0012	0.00057	0.00058	0.00045	0.00037	0.00092	0.0016	Normal/Lognormal
Benzo(g,h,i)perylene	g/sec	5	100	--	--	0.000044	0.00029	0.00014	0.00014	0.00012	0.000091	0.00022	0.00047	Normal/Lognormal
Benzo[a]pyrene	g/sec	5	100	--	--	0.000086	0.00038	0.00021	0.00022	0.00020	0.00011	0.00031	0.00048	Normal/Lognormal
Benzo[b]fluoranthene	g/sec	5	100	--	--	0.000063	0.00055	0.00022	0.00023	0.00014	0.00019	0.00040	0.0012	Normal/Lognormal
Benzo[e]pyrene	g/sec	5	100	--	--	0.000086	0.00028	0.00017	0.00017	0.00016	0.000071	0.00024	0.00032	Normal/Lognormal
Benzo[k]fluoranthene	g/sec	--	--	--	--	--	--	--	--	--	--	--	--	--
Chrysene	g/sec	5	100	--	--	0.00040	0.0018	0.00090	0.00092	0.00073	0.00055	0.0014	0.0022	Normal/Lognormal
Dibenz[a,h]anthracene	g/sec	5	100	--	--	0.000016	0.00064	0.000032	0.000033	0.000027	0.000019	0.000050	0.000071	Normal/Lognormal
Fluoranthene	g/sec	5	100	--	--	0.00054	0.0025	0.0013	0.0014	0.0011	0.00075	0.0020	0.0033	Normal/Lognormal
Fluorene	g/sec	5	100	--	--	0.0016	0.0063	0.0034	0.0035	0.0025	0.0018	0.0051	0.0076	Normal/Lognormal
Indeno[1,2,3-cd]pyrene	g/sec	5	100	--	--	0.000043	0.00022	0.00011	0.00011	0.000089	0.000065	0.00017	0.00028	Normal/Lognormal
Naphthalene	g/sec	5	100	--	--	0.0093	0.053	0.026	0.028	0.021	0.016	0.042	0.082	Normal/Lognormal
Perylene	g/sec	5	100	--	--	0.000054	0.00012	0.000090	0.000091	0.000095	0.000025	0.00011	0.00013	Normal/Lognormal
Phenanthrene	g/sec	5	100	--	--	0.00027	0.012	0.0061	0.0063	0.0047	0.0037	0.0096	0.015	Normal/Lognormal
Pyrene	g/sec	5	100	--	--	0.00055	0.0024	0.0013	0.0013	0.0011	0.00069	0.0020	0.0031	Normal/Lognormal
Total Carcinogenic PAHS (BaP TEQs)	g/sec	5	100	--	--	0.00012	0.00060	0.00031	0.00032	0.00028	0.00018	0.00048	0.00078	Normal/Lognormal
Polychlorinated Biphenyls														
Heptachlorobiphenyl (total)	g/sec	5	100	--	--	0.00000036	0.00000079	0.00000021	0.00000022	0.000000089	0.00000032	0.00000052	0.0000070	Lognormal
Hexachlorobiphenyl (total)	g/sec	5	100	--	--	0.00000036	0.00000023	0.00000084	0.00000084	0.00000050	0.00000082	0.0000016	0.0000033	Unknown
Nonachlorobiphenyl (total)	g/sec	4	100	--	--	2.9E-9	0.00000079	0.00000024	0.00000028	6.3E-9	0.00000037	0.00000067	0.00010	Lognormal
Octachlorobiphenyl (total)	g/sec	5	100	--	--	4.0E-9	0.00000026	0.00000062	0.00000068	0.00000016	0.00000011	0.00000017	0.0000016	Lognormal
2-Chlorobiphenyl	g/sec	5	100	--	--	0.000025	0.00031	0.00011	0.00012	0.000076	0.00011	0.00022	0.00092	Lognormal
4,4'-Dichlorobiphenyl	g/sec	5	100	--	--	0.0000045	0.000042	0.000016	0.000017	0.0000095	0.000015	0.000031	0.00011	Normal/Lognormal
Pentachlorobiphenyl (total)	g/sec	5	100	--	--	0.0000015	0.0000063	0.0000027	0.0000027	0.0000017	0.0000020	0.0000046	0.0000069	Unknown
Tetrachlorobiphenyl (total)	g/sec	5	100	--	--	0.0000022	0.000011	0.0000044	0.0000044	0.0000029	0.0000038	0.0000080	0.000014	Unknown
Trichlorobiphenyl (total)	g/sec	5	100	--	--	0.0000020	0.000016	0.0000059	0.0000061	0.0000036	0.0000057	0.000011	0.000030	Lognormal
Semi-volatile Organic Compounds														
1,1,1,2-Tetrachloroethane	g/sec	1	100	--	--	0.000016	0.000016	0.000016	0.000016	0.000016	0.0	--	--	Unknown
1,1'-Biphenyl	g/sec	5	100	--	--	0.010	0.045	0.020	0.021	0.015	0.015	0.034	0.058	Normal/Lognormal
1,2,3-Trichlorobenzene	g/sec	2	100	--	--	0.000040	0.00011	0.000077	0.000088	0.000077	0.000052	0.00031	246	Unknown
1,2,3-Trichloropropane	g/sec	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	g/sec	1	100	--	--	0.000029	0.000029	0.000029	0.000029	0.000029	0.0	--	--	Unknown
1,2,4-Trimethylbenzene	g/sec	5	100	--	--	0.00014	0.0020	0.00065	0.00069	0.00025	0.00076	0.0014	0.0097	Lognormal
1,2-Dibromoethane	g/sec	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	g/sec	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	g/sec	5	100	--	--	0.00012	0.0015	0.00052	0.00057	0.00019	0.00061	0.0011	0.010	Lognormal
1,3-Dichlorobenzene	g/sec	1	100	--	--	0.000020	0.000020	0.000020	0.000020	0.000020	0.0	--	--	Unknown
1,3-Dichloropropane	g/sec	--	--	--	--	--	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	g/sec	5	100	--	--	0.0015	0.0062	0.0039	0.0041	0.0043	0.0019	0.0058	0.011	Normal/Lognormal
2-Chlorophenol	g/sec	1	100	--	--	0.00091	0.00091	0.00091	0.00091	0.00091	0.0	--	--	Unknown
2-Nitrophenol	g/sec	5	100	--	--	0.00012	0.0032	0.0013	0.0018	0.0011	0.0011	0.0024	0.058	Normal/Lognormal
3- & 4-Methylphenol Coelution	g/sec	5	100	--	--	0.00080	0.029	0.018	0.019	0.017	0.0084	0.026	0.040	Normal/Lognormal
4-Nitrophenol	g/sec	4	100	--	--	0.0012	0.0035	0.0019	0.0020	0.0015	0.0011	0.0032	0.0052	Lognormal
Acetaldehyde	g/sec	5	100	--	--	0.063	0.41	0.19	0.21	0.089	0.17	0.35	1.8	Normal/Lognormal
Acetophenone	g/sec	5	100	--	--	0.010	0.043	0.020	0.021	0.014	0.013	0.033	0.054	Normal/Lognormal
Benzoic Acid	g/sec	5	100	--	--	0.028	0.31	0.096	0.098	0.036	0.12	0.21	1.1	Lognormal
Benzyl Alcohol	g/sec	5	100	--	--	0.00015	0.00088	0.00042	0.00044	0.00027	0.00030	0.00070	0.0016	Normal/Lognormal
Bis(2-ethylhexyl)phthalate	g/sec	5	100	--	--	0.024	0.039	0.030	0.030	0.030	0.0057	0.035	0.036	Normal/Lognormal
Bromobenzene	g/sec	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromochloromethane	g/sec	--	--	--	--	--	--	--	--	--	--	--	--	--
Butyl Benzyl Phthlate	g/sec	5	100	--	--	0.00011	0.0028	0.0011	0.0015	0.00016	0.0013	0.0023	0.55	Normal/Lognormal
Carbazole	g/sec	--	--	--	--	--	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	g/sec	--	--	--	--	--	--	--	--	--	--	--	--	--
Cumene	g/sec	5	100	--	--	0.00055	0.0048	0.0019	0.0021	0.00093	0.0018	0.0037	0.020	Normal/Lognormal



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Dibromomethane (Methylene Bromide)	g/sec	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibutyl-n-butyl Phthalate	g/sec	1	100	--	--	0.0016	0.0016	0.0016	0.0016	0.0016	0.0	--	--	Unknown
Dichlorodifluoromethane	g/sec	--	--	--	--	--	--	--	--	--	--	--	--	--
Dimethyl Phthalate	g/sec	--	--	--	--	--	--	--	--	--	--	--	--	--
Di-n-octyl Phthalate	g/sec	--	--	--	--	--	--	--	--	--	--	--	--	--
Formaldehyde	g/sec	5	100	--	--	0.022	0.15	0.070	0.077	0.028	0.063	0.13	0.76	Lognormal
Hexachlorobutadiene	g/sec	--	--	--	--	--	--	--	--	--	--	--	--	--
Hydrogen Chloride	g/sec	5	100	--	--	0.048	0.25	0.11	0.11	0.068	0.081	0.19	0.34	Normal/Lognormal
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	g/sec	--	--	--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	g/sec	5	100	--	--	0.00014	0.0018	0.00069	0.00076	0.00036	0.00069	0.0013	0.0086	Normal/Lognormal
o-Chlorotoluene	g/sec	1	100	--	--	0.00026	0.00026	0.00026	0.00026	0.00026	0.0	--	--	Unknown
o-Cresol	g/sec	5	100	--	--	0.0043	0.018	0.010	0.010	0.010	0.0054	0.015	0.025	Normal/Lognormal
p-Chlorotoluene	g/sec	2	100	--	--	0.000025	0.000077	0.000051	0.000060	0.000051	0.000037	0.00022	3.272	Unknown
Phenol	g/sec	5	100	--	--	0.023	0.11	0.053	0.054	0.047	0.033	0.085	0.13	Normal/Lognormal
Phosphorus, White	g/sec	5	100	--	--	0.0017	0.0062	0.0029	0.0029	0.0022	0.0019	0.0047	0.0064	Lognormal
Propionaldehyde	g/sec	5	100	--	--	0.0067	0.040	0.022	0.023	0.011	0.017	0.038	0.13	Lognormal
Propyl benzene	g/sec	5	100	--	--	0.00026	0.0030	0.0010	0.0011	0.00048	0.0011	0.0021	0.011	Normal/Lognormal
Pyridine	g/sec	5	100	--	--	0.0022	0.0072	0.0050	0.0052	0.0045	0.0022	0.0071	0.011	Normal/Lognormal
sec-Butylbenzene	g/sec	1	100	--	--	0.00013	0.00013	0.00013	0.00013	0.00013	0.0	--	--	Unknown
tert-Butylbenzene	g/sec	--	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,3-Dichloropropene	g/sec	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichlorofluoromethane	g/sec	--	--	--	--	--	--	--	--	--	--	--	--	--
Volatile Organic Compounds														
1,1,1-Trichloroethane	g/sec	1	100	--	--	0.000020	0.000020	0.000020	0.000020	0.000020	0.0	--	--	Unknown
1,1-Dichloroethylene	g/sec	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-cis-Dichloroethylene	g/sec	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	g/sec	5	100	--	--	0.00017	0.00097	0.00041	0.00043	0.00023	0.00034	0.00073	0.0017	Normal/Lognormal
1,2-trans-Dichloroethylene	g/sec	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	g/sec	1	100	--	--	0.00030	0.00030	0.00030	0.00030	0.00030	0.0	--	--	Unknown
2-Hexanone	g/sec	4	100	--	--	0.00013	0.0025	0.00093	0.0012	0.00054	0.0011	0.0022	0.45	Normal/Lognormal
Benzene	g/sec	5	100	--	--	0.048	0.29	0.14	0.15	0.090	0.10	0.23	0.60	Normal/Lognormal
Bromodichloromethane	g/sec	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromomethane	g/sec	5	100	--	--	0.00015	0.00049	0.00035	0.00036	0.00038	0.00013	0.00047	0.00068	Normal/Lognormal
Carbon dioxide	% V/V	5	100	--	--	0.14	0.26	0.19	0.19	0.18	0.046	0.23	0.24	Normal/Lognormal
Carbon Disulfide	g/sec	3	100	--	--	0.000068	0.00067	0.00029	0.00036	0.00012	0.00033	0.00084	158	Normal/Lognormal
Carbon Tetrachloride	g/sec	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	g/sec	5	100	--	--	0.00097	0.0018	0.00064	0.00075	0.00026	0.00070	0.0013	0.018	Normal/Lognormal
Chloroform	g/sec	1	100	--	--	0.000024	0.000024	0.000024	0.000024	0.000024	0.0	--	--	Unknown
Chloromethane	g/sec	5	100	--	--	0.0020	0.0046	0.0029	0.0029	0.0026	0.0010	0.0038	0.0042	Normal/Lognormal
Dibromochloromethane	g/sec	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethyl Chloride	g/sec	5	100	--	--	0.00052	0.0019	0.0012	0.0012	0.0011	0.00049	0.0016	0.0023	Normal/Lognormal
Ethylbenzene	g/sec	5	100	--	--	0.0086	0.071	0.029	0.031	0.014	0.026	0.054	0.21	Normal/Lognormal
m&p-Xylene	g/sec	5	100	--	--	0.0015	0.012	0.0043	0.0045	0.0021	0.0046	0.0087	0.030	Lognormal
Methyl Ethyl Ketone (2-Butanone)	g/sec	3	100	--	--	0.0020	0.0084	0.0054	0.0060	0.0057	0.0032	0.011	1.0	Normal/Lognormal
Methylene Chloride	g/sec	5	100	--	--	0.0012	0.0038	0.0025	0.0027	0.0028	0.0012	0.0037	0.0064	Normal/Lognormal
o-Xylene	g/sec	5	100	--	--	0.0010	0.0074	0.0026	0.0027	0.0011	0.0028	0.0053	0.017	Lognormal
p-Isopropyltoluene	g/sec	5	100	--	--	0.000031	0.00052	0.00017	0.00020	0.000054	0.00021	0.00037	0.0066	Normal/Lognormal
Styrene	g/sec	5	100	--	--	0.015	0.18	0.071	0.081	0.033	0.072	0.14	1.3	Normal/Lognormal
Tetrachloroethylene	g/sec	1	100	--	--	0.000015	0.000015	0.000015	0.000015	0.000015	0.0	--	--	Unknown
Toluene	g/sec	5	100	--	--	0.017	0.11	0.050	0.053	0.032	0.037	0.086	0.22	Normal/Lognormal
Total Xylenes	g/sec	5	100	--	--	0.0026	0.020	0.0070	0.0071	0.0032	0.0073	0.014	0.045	Lognormal
Trichloroethylene	g/sec	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl Chloride	g/sec	5	100	--	--	0.00012	0.00042	0.00024	0.00024	0.00017	0.00013	0.00037	0.00058	Normal/Lognormal

Notes:

--: No value



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Appendix G

Calculation of Measured Data and Modeled Exposure Point
Concentrations



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Figures

Figure G-1 NSGB Watershed

Attachments

Attachment 1 USEPA Combustor Protocol – Appendix B (select tables):

- Tables B-1-1 through B-1-6 – Soil Modeling
- Table B-5-1 – Air Modeling
- Tables B-4-1 through B-4-28 – Fish Tissue Modeling



Introduction

Measured and modeled exposure point concentrations (EPCs) were calculated as part of the Naval Station Guantanamo Bay (NSGB) Human Health Risk Assessment (HHRA). An EPC is the concentration of a chemical of potential concern (COPC) in soil, indoor air, outdoor air, or fish tissue at the location of potential contact with a receptor. The EPCs used in the HHRA represent upper-bound estimates of the COPC concentrations to which a receptor could potentially be exposed to over an entire exposure unit (EU).¹ EPCs were calculated for all COPCs and all EUs Inside and Outside of Camp Justice.

For this HHRA, an EPC was calculated for each medium, COPC, and EU based on measured and modeled data.

Measured Data

Measured data were collected during the October 2015 and April 2016 sampling events at Camp Justice:

- **Soil:** Tables G-1 through G-8 present measured soil EPCs by EU.
- **Indoor Air:** Tables G-9 through G-16 present measured indoor EPCs by EU.
- **Outdoor Air:** Table G-17 presents measured outdoor air EPCs.

Modeled Data

Modeled data were calculated using the air dispersion/deposition model and watershed runoff model and were based on the data collected during the the April 2016 Air Curtain Incinerator (ACI) sampling event:

- **Soil:** Tables G-18 through G-19 present the modeled soil EPCs.
- **Indoor Air/Outdoor Air:** Table G-20 presents the modeled air EPCs.
- **Fish Tissue:** Table G-21 presents the modeled fish tissue EPCs.

Air dispersion and deposition modeling was performed to estimate COPC concentrations in soil, air, and fish tissue associated with ACI emissions. This modeling was performed in accordance with the methodology described in the United States Environmental Protection Agency (USEPA) *Human Health Risk Assessment Protocol for Hazardous Waste Combustion Facilities* (USEPA Combustor Protocol; USEPA 2005). To calculate surface water and sediment COPC

¹ For the HHRA, Inside Camp Justice and Outside Camp Justice were conceptually divided into EUs to evaluate potential risks to receptors (service members, DoD and other government civilian employees, contract employees, and family members) based on where they live and work. Inside Camp Justice was divided into eight EUs and Outside Camp Justice was divided into three EUs based on land use (industrial, mixed use, residential (see Section 1 of the NSGB HHRA).



concentrations and subsequent fish tissue concentrations, watershed runoff and direct deposition to Guantanamo Bay were modeled. Detailed descriptions of the equations and variables used to estimate soil concentrations, air concentrations, and fish tissue concentrations are presented in Appendix B of the USEPA Human Health Risk Assessment Protocol for Hazardous Waste Combustion Facilities (USEPA Combustor Protocol; USEPA 2005).² USEPA Combustor Protocol recommended default values and scientific literature values were used as input variables when site-specific data were not available. Modeling inputs are summarized in the following tables:

- Table G-22 – Unitized ACI Emission Rates Used in Model Calculations
- Table G-23 – Inputs for Soil, Air, and Fish Tissue Used in Model Calculations
- Table G-24 – Chemical/Physical Properties/Constants Used in Model Calculations
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- Table G-34 – Total Water Body COPC Concentration Used in Fish Tissue Model Calculations Based on a 16-Year ACI Operational Timeframe and 25-Year Exposure Duration

² See Attachment 1, Tables B-1-1 through B-1-6 (for soil) and Table B-5-1 (for air), and Tables B-4-1 through B-4-28 (for fish tissue).



- Table G-35 – Total Water Body COPC Concentration Used in Fish Tissue Model Calculations Based on a 30-Year ACI Operational Timeframe and 1-Year Exposure Duration
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- Table G-38 – Total Water Body COPC Concentration Used in Fish Tissue Model Calculations Based on a 30-Year ACI Operational Timeframe and 25-Year Exposure Duration

Discussion of the Approach for Calculating Fish Tissue Concentrations

The following sections describe how waterbody and site-specific model inputs were selected for calculating fish tissue concentrations. The waterbody selected for evaluation was Guantanamo Bay. There are no other waterbodies located on NSGB.

Pervious and Impervious Surfaces

In regions with large amounts of impervious surfaces, water, sediments, and COPCs are more likely to be transported into the waterbodies after a rainfall. In regions with large amounts of pervious surfaces, water, sediments, and COPCs are more readily absorbed into the ground before reaching waterbodies. Though increased amounts of water entering the waterbodies could add more COPCs, it could also dilute COPCs already present in the waterbody.

Because land use influences the amount of impervious or impenetrable surfaces in a study area, land use is an important consideration when calculating fish tissue COPC concentrations. Current and future land uses at NSGB include Camp Justice, Residential, Mixed Use, and Commercial/Industrial.³ Land use information and a Geographic Information System (ArcMap version 10.3) were used to determine the amount of impervious and pervious surfaces at NSGB. In the Guantanamo Bay watershed, approximately 1.5 percent of the watershed area has impervious cover.

Guantanamo Bay Watershed

A watershed or drainage basin refers to the geographic area that drains into a particular waterbody (e.g., Guantanamo Bay or the Caribbean Sea). The watershed for a particular

³ A discussion of current and future land uses at NSGB are described in Section 3 of the HHRA.



waterbody consists of all of the land and tributaries that will eventually drain into that waterbody. The boundaries of a watershed are generally defined by topography. The Guantanamo Bay watershed on NSGB encompasses 8.9 square miles (see Figure G-1).

COPCs emitted from the ACIs can potentially impact people who consume fish caught in a NSGB waterbody. COPCs can enter waterbodies directly via deposition or indirectly via deposition to the watershed and subsequent runoff and erosion into the waterbody. Guantanamo Bay was chosen for evaluation in the HHRA based on the following factors:

- The presence of enough fish for recreational fishing;
- The potential for the waterbody to be impacted by emissions from the ACIs; and
- The likelihood that a person will intensively fish the waterbody for 25 years.

The model predicts maximum deposition and impacts to Guantanamo Bay and the portion of the Caribbean Sea directly south of NSGB.

Waterbody Characteristics

The flow rate for Guantanamo Bay was calculated by multiplying the waterbody area by the current velocity, which was obtained from the National Oceanic and Atmospheric Administration (NOAA).⁴ The mean water depth of 4.6 m (15 ft) for Guantanamo Bay was obtained from the Naval Oceanographic Office.

Watershed/Fish Tissue Concentration Model

The purpose of this section is to present the model used for the calculation of fish tissue concentrations.

Model Design

The algorithms used to estimate waterbody loading and derive fish tissue concentrations were obtained from the USEPA Combustor Protocol (USEPA 2005). For this analysis, Visual SmartRisk 3.0™ was used to calculate deposition rates, soil concentrations, runoff, erosion, chemical partitioning between sediment and water within the waterbody, and the chemical uptake into fish tissue.

Model Inputs

Input variables were used in the model to evaluate COPC transport in the watershed for this assessment and are summarized in Tables G-22 through G-26. USEPA Combustor Protocol defaults were used when site-specific information was not available (USEPA 2005). The model was used to evaluate COPC fate and transport from the ACIs for two ACI operational time

⁴ http://www.aoml.noaa.gov/phod/news/load.php?pFullStory=20151215_20151215_MarCuba2015.html



frames (i.e., 16 and 30 years) and four exposure durations (1-year, 3-years, 6-years, and 25-years) since soil concentrations vary by year due continual ACI deposition. COPC-specific properties were obtained from the USEPA Combustor Protocol and supplemented with values from the USEPA Regional Screening Level (RSL) Tables (USEPA 2016) if a value was not available in the USEPA Combustor Protocol (USEPA 2005).

Calculating COPC Concentrations in Fish

In order to calculate fish tissue concentrations, the average soil concentration for each COPC over the watershed, the total COPC load to the waterbody, and the total waterbody COPC concentration were calculated.

Calculating Average COPC Concentrations in Soil in the Watershed

The USEPA Combustor Protocol recommends calculating watershed, soil-specific COPC concentrations (USEPA 2005). The soil-specific COPC concentrations were calculated by summing COPC particle-phase deposition to the soil, which includes the wet and dry particle deposition. COPC soil concentrations were calculated using a loss term, which considers the loss of contaminants from the soil after deposition. The loss mechanisms include leaching, erosion, runoff, degradation, and volatilization. The average soil concentrations over the watershed are presented in Tables G-27 and G-28.

Total COPC Load to the Water Body (Guantanamo Bay)

Per the USEPA Combustor Protocol, COPC loading into the water body was calculated based on:

- Direct deposition;
- Runoff from pervious surfaces within the watershed;
- Runoff from impervious surfaces within the watershed;
- Soil erosion over the total watershed; and
- Direct diffusion of vapor phase COPCs into surface water.

The COPC load into Guantanamo Bay is presented in Tables G-29 and G-30.

Total Water Body COPC Concentration (Guantanamo Bay)

The total water body COPC concentration partitions between sediment and the water column. A universal soil loss factor (Xe) and sediment delivery ratio (SD) were calculated to estimate the soil erosion rate from the watershed. The site-specific Xe and SD values are presented in the table below.

Parameter	Description	Units	Value
Xe	Universal soil loss factor	kg/m ² -yr	22.948
SD	Sediment delivery ratio	unitless	0.168



A sediment mass balance was performed. In a sediment mass balance, the amount of a chemical in sediment that is buried (benthic burial) and lost from the waterbody (volatilization) is equal to the difference between the amount of a chemical in soil introduced by erosion and the amount of suspended solids lost in downstream flow. It was assumed that sediments do not accumulate in the waterbody over time and an equilibrium is maintained between the surficial layer of sediments and the water column.

The total waterbody concentration is the sum of the dissolved-phase water concentration, the total water column concentration (the sum of the COPC concentration dissolved in water and the COPC concentration associated with suspended solids), and the bed sediment concentration. The total waterbody concentration for each COPC is presented in Tables G-31 through G-38.

Discussion of Modeling Results

The fish tissue concentrations presented in Table G-21 are human health-protective estimations of COPC concentrations in fish that may be taken from Guantanamo Bay during the 16-year and 30-year ACI operation time frames. The $C_{fish_{td}}$ values in Table G-21 represent potential maximum concentrations that may occur in fish, typically at the end of the deposition period (i.e. the period during which the ACI is operating and creating emissions). The $C_{fish_{td}}$ values are for evaluating potential noncarcinogenic effects. The C_{fish} values in Table G-21 represent COPC concentrations averaged over the exposure duration; thus, the C_{fish} values were used for evaluating potential carcinogenic effects, per the USEPA Combustor Protocol (USEPA 2005).



References

USEPA 2005. Human Health Risk Assessment Protocol for Hazardous Waste Combustion Facilities. USEPA Office of Solid Waste. September.

USEPA 2016. Regional Screening Levels for Chemical Contaminants at Superfund Sites. Retrieved from <https://www.epa.gov/risk/regional-screening-levels-rsls>



Table G-1: EU-1 Soil Exposure Point Concentrations (Measured Data)

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
SVOCs										
p-Chloroaniline	MG_KG	4	0	0.92	1.50			0.56	0.52	
DNTs										
2,4-Dinitrotoluene	MG_KG	4	0	0.92	1.50			0.56	0.52	
Pesticides										
Chlordecone (Kepone)	MG_KG	4	0	0.12	3.10			0.78	0.75	
PAHs										
Indeno[1,2,3-cd]pyrene	MG_KG	4	0	0.04	0.59			0.18	0.20	
Benzo[b]fluoranthene	MG_KG	4	25.0	0.04	0.59	0.18	0.18	0.18	0.20	
Benzo[k]fluoranthene	MG_KG	4	0	0.02	0.29			0.09	0.10	
Chrysene	MG_KG	4	0	0.04	0.59			0.18	0.20	
Benzo[a]pyrene	MG_KG	4	75.0	0.21	0.21	0.01	0.20	0.11	0.11	
Dibenz[a,h]anthracene	MG_KG	4	0	0.04	0.59			0.18	0.20	
Benz[a]anthracene	MG_KG	4	0	0.04	0.59			0.18	0.20	
Pesticides										
Dieldrin	MG_KG	4	0	0.001	0.03			0.008	0.008	
DNTs										
2,6-Dinitrotoluene	MG_KG	4	0	0.36	0.59			0.22	0.20	
Pesticides										
DDD	MG_KG	4	0	0.001	0.03			0.008	0.008	
DDE	MG_KG	4	100.0			0.002	0.23	0.10	0.08	
Inorganics										
Aluminum	MG_KG	4	100.0			8000.00	16000.00	11700.00	11400.00	
Iron	MG_KG	4	100.0			21000.00	36000.00	27250.00	26000.00	21000.00
Lead and Compounds	MG_KG	4	100.0			11.00	120.00	70.25	75.00	
Mercury (elemental)	MG_KG	4	75.0	0.06	0.06	0.02	0.04	0.03	0.03	
Nickel Soluble Salts	MG_KG	4	100.0			240.00	1100.00	547.50	425.00	
Thallium (Soluble Salts)	MG_KG	4	0	0.64	1.10			0.41	0.38	



Table G-1: EU-1 Soil Exposure Point Concentrations (Measured Data)

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
Inorganics										
Antimony (metallic)	MG_KG	4	25.0	0.72	1.10	0.14	0.14	0.36	0.38	
Arsenic, Inorganic	MG_KG	4	25.0	0.72	1.10	1.20	1.20	0.63	0.47	
Cobalt	MG_KG	4	100.0			16.00	53.00	29.25	24.00	
PAHs										
Naphthalene	MG_KG	4	0	0.04	0.59			0.18	0.20	
Total Carcinogenic PAHS (BaP TEQs)	MG_KG	4	75.0	0.40	0.40	0.01	0.20	0.14	0.16	



Table G-1: EU-1 Soil Exposure Point Concentrations (Measured Data)

Constituent	Units	Standard Deviation	Log Mean	95% UCL	Log 95% UCL	Distribution Test 95% Confidence Level	EPC
SVOCs							
p-Chloroaniline	MG_KG	0.13	0.57	0.72	0.77	Normal/Lognormal	
DNTs							
2,4-Dinitrotoluene	MG_KG	0.13	0.57	0.72	0.77	Normal/Lognormal	
Pesticides							
Chlordecone (Kepone)	MG_KG	0.63	1.32	1.52	3331.67	Normal/Lognormal	
PAHs							
Indeno[1,2,3-cd]pyrene	MG_KG	0.12	0.26	0.31	89.66	Normal/Lognormal	
Benzo[b]fluoranthene	MG_KG	0.12	0.26	0.31	89.66	Normal/Lognormal	0.18
Benzo[k]fluoranthene	MG_KG	0.06	0.13	0.15	48.65	Normal/Lognormal	
Chrysene	MG_KG	0.12	0.26	0.31	89.66	Normal/Lognormal	
Benzo[a]pyrene	MG_KG	0.08	0.15	0.20	35.94	Normal/Lognormal	0.20
Dibenz[a,h]anthracene	MG_KG	0.12	0.26	0.31	89.66	Normal/Lognormal	
Benz[a]anthracene	MG_KG	0.12	0.26	0.31	89.66	Normal/Lognormal	
Pesticides							
Dieldrin	MG_KG	0.007	0.01	0.02	31.93	Normal/Lognormal	
DNTs							
2,6-Dinitrotoluene	MG_KG	0.05	0.22	0.28	0.30	Normal/Lognormal	
Pesticides							
DDD	MG_KG	0.007	0.01	0.02	31.93	Normal/Lognormal	
DDE	MG_KG	0.11	0.38	0.22	63122372.28	Normal/Lognormal	0.23
Inorganics							
Aluminum	MG_KG	3534.59	11840.58	15858.45	19395.02	Normal/Lognormal	16000.00
Iron	MG_KG	7500.00	27506.42	36073.75	42159.00	Normal/Lognormal	36000.00
Lead and Compounds	MG_KG	53.17	91.40	132.80	10706.06	Normal/Lognormal	120.00
Mercury (elemental)	MG_KG	0.009	0.03	0.04	0.05	Normal/Lognormal	0.04
Nickel Soluble Salts	MG_KG	388.10	574.64	1004.10	3383.45	Normal/Lognormal	1100.00
Thallium (Soluble Salts)	MG_KG	0.10	0.41	0.52	0.58	Normal/Lognormal	



Table G-1: EU-1 Soil Exposure Point Concentrations (Measured Data)

Constituent	Units	Standard Deviation	Log Mean	95% UCL	Log 95% UCL	Distribution Test 95% Confidence Level	EPC
Inorganics							
Antimony (metallic)	MG_KG	0.17	0.38	0.56	1.56	Normal/Lognormal	0.14
Arsenic, Inorganic	MG_KG	0.39	0.64	1.09	2.21	Normal/Lognormal	1.20
Cobalt	MG_KG	17.25	30.31	49.55	111.67	Normal/Lognormal	53.00
PAHs							
Naphthalene	MG_KG	0.12	0.26	0.31	89.66	Normal/Lognormal	
Total Carcinogenic PAHS (BaP TEQs)	MG_KG	0.09	0.21	0.24	149.68	Normal	0.20



Table G-2: EU-2 Soil Exposure Point Concentrations (Measured Data)

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
SVOCs										
p-Chloroaniline	MG_KG	5	0	0.92	1.00			0.48	0.48	
DNTs										
2,4-Dinitrotoluene	MG_KG	5	0	0.92	1.00			0.48	0.48	
Pesticides										
Chlordecone (Kepone)	MG_KG	5	0	0.13	1.90			0.50	0.50	0.50
PAHs										
Indeno[1,2,3-cd]pyrene	MG_KG	5	0	0.20	0.39			0.17	0.19	
Benzo[b]fluoranthene	MG_KG	5	0	0.20	0.39			0.17	0.19	
Benzo[k]fluoranthene	MG_KG	5	0	0.10	0.19			0.08	0.09	0.09
Chrysene	MG_KG	5	0	0.20	0.39			0.17	0.19	
Benzo[a]pyrene	MG_KG	5	0	0.10	0.19			0.08	0.09	0.09
Dibenz[a,h]anthracene	MG_KG	5	0	0.20	0.39			0.17	0.19	
Benz[a]anthracene	MG_KG	5	0	0.20	0.39			0.17	0.19	
Pesticides										
Dieldrin	MG_KG	5	0	0.001	0.02			0.005	0.006	0.006
DNTs										
2,6-Dinitrotoluene	MG_KG	5	0	0.36	0.40			0.19	0.19	
Pesticides										
DDD	MG_KG	5	0	0.001	0.02			0.005	0.006	0.006
DDE	MG_KG	5	60.0	0.001	0.01	0.007	0.07	0.02	0.007	
Inorganics										
Aluminum	MG_KG	5	100.0			13000.00	21000.00	15800.00	15000.00	13000.00
Iron	MG_KG	5	100.0			22000.00	33000.00	28000.00	31000.00	31000.00
Lead and Compounds	MG_KG	5	100.0			3.70	44.00	20.32	11.00	
Mercury (elemental)	MG_KG	5	60.0	0.03	0.03	0.02	0.02	0.02	0.02	0.02
Nickel Soluble Salts	MG_KG	5	100.0			190.00	660.00	368.00	320.00	
Thallium (Soluble Salts)	MG_KG	5	20.0	0.67	0.79	0.12	0.12	0.32	0.35	



Table G-2: EU-2 Soil Exposure Point Concentrations (Measured Data)

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
Inorganics										
Antimony (metallic)	MG_KG	5	60.0	0.67	0.70	0.14	0.40	0.31	0.34	
Arsenic, Inorganic	MG_KG	5	20.0	0.67	0.79	3.00	3.00	0.89	0.38	
Cobalt	MG_KG	5	100.0			16.00	31.00	22.60	20.00	
PAHs										
Naphthalene	MG_KG	5	0	0.20	0.39			0.17	0.19	
Total Carcinogenic PAHS (BaP TEQs)	MG_KG	5	0	0.19	0.37			0.16	0.17	



Table G-2: EU-2 Soil Exposure Point Concentrations (Measured Data)

Constituent	Units	Standard Deviation	Log Mean	95% UCL	Log 95% UCL	Distribution Test 95% Confidence Level	EPC
SVOCs							
p-Chloroaniline	MG_KG	0.02	0.48	0.50	0.50	Normal/Lognormal	
DNTs							
2,4-Dinitrotoluene	MG_KG	0.02	0.48	0.50	0.50	Normal/Lognormal	
Pesticides							
Chlordecone (Kepone)	MG_KG	0.31	0.63	0.80	8.00	Normal/Lognormal	
PAHs							
Indeno[1,2,3-cd]pyrene	MG_KG	0.04	0.17	0.21	0.24	Unknown	
Benzo[b]fluoranthene	MG_KG	0.04	0.17	0.21	0.24	Unknown	
Benzo[k]fluoranthene	MG_KG	0.02	0.08	0.10	0.12	Unknown	
Chrysene	MG_KG	0.04	0.17	0.21	0.24	Unknown	
Benzo[a]pyrene	MG_KG	0.02	0.08	0.10	0.12	Unknown	
Dibenz[a,h]anthracene	MG_KG	0.04	0.17	0.21	0.24	Unknown	
Benz[a]anthracene	MG_KG	0.04	0.17	0.21	0.24	Unknown	
Pesticides							
Dieldrin	MG_KG	0.003	0.007	0.008	0.08	Normal/Lognormal	
DNTs							
2,6-Dinitrotoluene	MG_KG	0.008	0.19	0.20	0.20	Normal/Lognormal	
Pesticides							
DDD	MG_KG	0.003	0.007	0.008	0.08	Normal/Lognormal	
DDE	MG_KG	0.03	0.03	0.04	15.66	Lognormal	0.07
Inorganics							
Aluminum	MG_KG	3346.64	15856.78	18990.89	19812.91	Normal/Lognormal	19812.91
Iron	MG_KG	5099.02	28110.76	32861.71	34555.68	Normal/Lognormal	33000.00
Lead and Compounds	MG_KG	17.27	23.46	36.79	271.60	Normal/Lognormal	44.00
Mercury (elemental)	MG_KG	0.003	0.02	0.02	0.02	Normal/Lognormal	0.02
Nickel Soluble Salts	MG_KG	198.67	378.78	557.42	867.34	Normal/Lognormal	660.00
Thallium (Soluble Salts)	MG_KG	0.11	0.33	0.42	0.69	Unknown	0.12



Table G-2: EU-2 Soil Exposure Point Concentrations (Measured Data)

Constituent	Units	Standard Deviation	Log Mean	95% UCL	Log 95% UCL	Distribution Test 95% Confidence Level	EPC
Inorganics							
Antimony (metallic)	MG_KG	0.10	0.31	0.40	0.55	Normal/Lognormal	0.40
Arsenic, Inorganic	MG_KG	1.18	0.87	2.02	7.93	Unknown	3.00
Cobalt	MG_KG	6.19	22.76	28.50	31.20	Normal/Lognormal	31.00
PAHs							
Naphthalene	MG_KG	0.04	0.17	0.21	0.24	Unknown	
Total Carcinogenic PAHS (BaP TEQs)	MG_KG	0.04	0.16	0.20	0.23	Unknown	



Table G-3: EU-3 Soil Exposure Point Concentrations (Measured Data)

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
SVOCs										
p-Chloroaniline	MG_KG	7	0	0.88	1.20			0.49	0.48	0.48
DNTs										
2,4-Dinitrotoluene	MG_KG	7	14.3	0.88	1.20	1.80	1.80	0.68	0.48	0.48
Pesticides										
Chlordecone (Kepone)	MG_KG	7	0	0.57	1.60			0.41	0.30	
PAHs										
Indeno[1,2,3-cd]pyrene	MG_KG	7	71.4	0.04	0.25	0.02	0.30	0.08	0.03	
Benzo[b]fluoranthene	MG_KG	7	100.0			0.05	1.20	0.26	0.09	
Benzo[k]fluoranthene	MG_KG	7	71.4	0.10	0.12	0.01	0.08	0.04	0.02	
Chrysene	MG_KG	7	85.7	0.25	0.25	0.04	0.48	0.13	0.06	
Benzo[a]pyrene	MG_KG	7	100.0			0.02	0.56	0.13	0.05	
Dibenz[a,h]anthracene	MG_KG	7	14.3	0.04	0.25	0.02	0.02	0.05	0.02	
Benz[a]anthracene	MG_KG	7	85.7	0.25	0.25	0.02	0.33	0.10	0.04	
Pesticides										
Dieldrin	MG_KG	7	0	0.006	0.02			0.004	0.003	
DNTs										
2,6-Dinitrotoluene	MG_KG	7	14.3	0.35	0.49	2.40	2.40	0.51	0.19	0.19
Pesticides										
DDD	MG_KG	7	0	0.006	0.02			0.004	0.003	
DDE	MG_KG	7	71.4	0.007	0.02	0.010	0.12	0.03	0.02	
Inorganics										
Aluminum	MG_KG	7	100.0			13000.00	19000.00	16571.43	16000.00	16000.00
Iron	MG_KG	7	100.0			24000.00	43000.00	34285.71	34000.00	34000.00
Lead and Compounds	MG_KG	7	100.0			18.00	240.00	80.14	48.00	
Mercury (elemental)	MG_KG	7	71.4	0.04	0.05	0.03	0.04	0.03	0.03	0.03
Nickel Soluble Salts	MG_KG	7	100.0			350.00	1200.00	652.86	570.00	
Thallium (Soluble Salts)	MG_KG	7	28.6	0.73	1.10	0.10	0.25	0.35	0.38	



Table G-3: EU-3 Soil Exposure Point Concentrations (Measured Data)

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
Inorganics										
Antimony (metallic)	MG_KG	7	100.0			0.14	0.71	0.37	0.28	0.14
Arsenic, Inorganic	MG_KG	7	85.7	0.75	0.75	1.70	5.50	2.88	2.70	
Cobalt	MG_KG	7	100.0			20.00	62.00	33.14	30.00	30.00
PAHs										
Naphthalene	MG_KG	7	0	0.04	0.25			0.05	0.02	0.02
Total Carcinogenic PAHS (BaP TEQs)	MG_KG	7	100.0			0.03	0.75	0.17	0.07	



Table G-3: EU-3 Soil Exposure Point Concentrations (Measured Data)

Constituent	Units	Standard Deviation	Log Mean	95% UCL	Log 95% UCL	Distribution Test 95% Confidence Level	EPC
SVOCs							
p-Chloroaniline	MG_KG	0.05	0.49	0.53	0.53	Unknown	
DNTs							
2,4-Dinitrotoluene	MG_KG	0.50	0.67	1.04	1.11	Unknown	1.11
Pesticides							
Chlordecone (Kepone)	MG_KG	0.21	0.41	0.56	0.62	Unknown	
PAHs							
Indeno[1,2,3-cd]pyrene	MG_KG	0.10	0.09	0.16	0.42	Lognormal	0.30
Benzo[b]fluoranthene	MG_KG	0.42	0.24	0.57	1.56	Lognormal	1.20
Benzo[k]fluoranthene	MG_KG	0.03	0.04	0.05	0.09	Normal/Lognormal	0.08
Chrysene	MG_KG	0.16	0.13	0.25	0.51	Lognormal	0.48
Benzo[a]pyrene	MG_KG	0.19	0.13	0.27	0.77	Lognormal	0.56
Dibenz[a,h]anthracene	MG_KG	0.05	0.05	0.08	0.14	Unknown	0.02
Benz[a]anthracene	MG_KG	0.11	0.10	0.18	0.37	Lognormal	0.33
Pesticides							
Dieldrin	MG_KG	0.002	0.004	0.006	0.007	Unknown	
DNTs							
2,6-Dinitrotoluene	MG_KG	0.83	0.44	1.12	1.77	Unknown	1.77
Pesticides							
DDD	MG_KG	0.002	0.004	0.006	0.007	Unknown	
DDE	MG_KG	0.04	0.03	0.06	0.22	Lognormal	0.12
Inorganics							
Aluminum	MG_KG	2070.20	16594.10	18091.75	18358.53	Normal/Lognormal	18358.53
Iron	MG_KG	5648.43	34382.31	38433.84	39582.71	Normal/Lognormal	39582.71
Lead and Compounds	MG_KG	76.86	83.13	136.59	264.32	Lognormal	240.00
Mercury (elemental)	MG_KG	0.008	0.03	0.03	0.04	Normal/Lognormal	0.04
Nickel Soluble Salts	MG_KG	274.94	657.90	854.77	939.76	Normal/Lognormal	939.76
Thallium (Soluble Salts)	MG_KG	0.14	0.37	0.45	0.66	Normal/Lognormal	0.25



Table G-3: EU-3 Soil Exposure Point Concentrations (Measured Data)

Constituent	Units	Standard Deviation	Log Mean	95% UCL	Log 95% UCL	Distribution Test 95% Confidence Level	EPC
Inorganics							
Antimony (metallic)	MG_KG	0.22	0.38	0.53	0.79	Normal/Lognormal	0.71
Arsenic, Inorganic	MG_KG	1.78	3.34	4.19	11.62	Normal/Lognormal	5.50
Cobalt	MG_KG	13.50	33.25	43.05	45.32	Lognormal	45.32
PAHs							
Naphthalene	MG_KG	0.05	0.05	0.08	0.14	Unknown	
Total Carcinogenic PAHS (BaP TEQs)	MG_KG	0.26	0.17	0.36	0.94	Lognormal	0.75



Table G-4: EU-4 Soil Exposure Point Concentrations (Measured Data)

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
SVOCs										
p-Chloroaniline	MG_KG	5	0	0.89	0.94			0.46	0.47	
DNTs										
2,4-Dinitrotoluene	MG_KG	5	0	0.89	0.94			0.46	0.47	
Pesticides										
Chlordecone (Kepone)	MG_KG	5	0	0.58	0.63			0.30	0.30	0.30
PAHs										
Indeno[1,2,3-cd]pyrene	MG_KG	14	100.0			0.07	4.10	1.30	1.01	
Benzo[b]fluoranthene	MG_KG	14	100.0			0.12	26.00	7.61	4.65	
Benzo[k]fluoranthene	MG_KG	14	100.0			0.05	14.00	2.97	2.15	2.50
Chrysene	MG_KG	14	100.0			0.10	20.00	5.61	3.55	6.40
Benzo[a]pyrene	MG_KG	14	100.0			0.10	16.00	4.57	2.75	
Dibenz[a,h]anthracene	MG_KG	14	92.9	0.04	0.04	0.02	3.10	0.77	0.47	1.20
Benz[a]anthracene	MG_KG	14	100.0			0.09	19.00	5.12	3.10	
Pesticides										
Dieldrin	MG_KG	5	40.0	0.006	0.007	0.05	0.17	0.05	0.003	
DNTs										
2,6-Dinitrotoluene	MG_KG	5	0	0.35	0.37			0.18	0.19	
Pesticides										
DDD	MG_KG	5	20.0	0.006	0.007	0.02	0.02	0.006	0.003	
DDE	MG_KG	5	80.0	0.007	0.007	0.004	1.50	0.32	0.02	
Inorganics										
Aluminum	MG_KG	5	100.0			9800.00	22000.00	16560.00	16000.00	
Iron	MG_KG	5	100.0			29000.00	41000.00	33800.00	32000.00	29000.00
Lead and Compounds	MG_KG	5	100.0			21.00	200.00	96.60	51.00	21.00
Mercury (elemental)	MG_KG	5	100.0			0.02	0.05	0.03	0.03	
Nickel Soluble Salts	MG_KG	5	100.0			320.00	930.00	662.00	640.00	
Thallium (Soluble Salts)	MG_KG	5	0	0.71	0.79			0.37	0.36	0.36



Table G-4: EU-4 Soil Exposure Point Concentrations (Measured Data)

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
Inorganics										
Antimony (metallic)	MG_KG	5	100.0			0.18	1.00	0.56	0.32	
Arsenic, Inorganic	MG_KG	5	60.0	0.71	0.71	1.30	1.80	1.10	1.30	0.36
Cobalt	MG_KG	5	100.0			23.00	42.00	35.00	36.00	
PAHs										
Naphthalene	MG_KG	14	64.3	0.04	0.04	0.03	0.59	0.13	0.07	0.02
Total Carcinogenic PAHS (BaP TEQs)	MG_KG	14	100.0			0.13	22.82	6.40	3.90	



Table G-4: EU-4 Soil Exposure Point Concentrations (Measured Data)

Constituent	Units	Standard Deviation	Log Mean	95% UCL	Log 95% UCL	Distribution Test 95% Confidence Level	EPC
SVOCs							
p-Chloroaniline	MG_KG	0.01	0.46	0.47	0.47	Normal/Lognormal	
DNTs							
2,4-Dinitrotoluene	MG_KG	0.01	0.46	0.47	0.47	Normal/Lognormal	
Pesticides							
Chlordecone (Kepone)	MG_KG	0.01	0.30	0.31	0.31	Normal/Lognormal	
PAHs							
Indeno[1,2,3-cd]pyrene	MG_KG	1.25	1.76	1.89	6.61	Normal/Lognormal	4.10
Benzo[b]fluoranthene	MG_KG	7.85	14.54	11.33	113.48	Lognormal	26.00
Benzo[k]fluoranthene	MG_KG	3.79	4.96	4.76	34.15	Lognormal	14.00
Chrysene	MG_KG	5.98	10.10	8.44	72.37	Lognormal	20.00
Benzo[a]pyrene	MG_KG	4.79	7.99	6.83	53.52	Lognormal	16.00
Dibenz[a,h]anthracene	MG_KG	0.86	1.26	1.18	7.66	Lognormal	3.10
Benz[a]anthracene	MG_KG	5.55	8.94	7.75	61.04	Lognormal	19.00
Pesticides							
Dieldrin	MG_KG	0.07	0.08	0.12	359.44	Lognormal	0.17
DNTs							
2,6-Dinitrotoluene	MG_KG	0.004	0.18	0.19	0.19	Normal/Lognormal	
Pesticides							
DDD	MG_KG	0.005	0.006	0.01	0.02	Unknown	0.02
DDE	MG_KG	0.66	0.62	0.95	1108980.03	Lognormal	1.50
Inorganics							
Aluminum	MG_KG	4740.04	16767.02	21079.44	24590.46	Normal/Lognormal	22000.00
Iron	MG_KG	5449.77	33880.79	38996.13	40093.97	Normal/Lognormal	40093.97
Lead and Compounds	MG_KG	90.73	114.33	183.10	2373.42	Normal/Lognormal	200.00
Mercury (elemental)	MG_KG	0.01	0.03	0.04	0.05	Normal/Lognormal	0.05
Nickel Soluble Salts	MG_KG	235.94	678.31	886.96	1186.93	Normal/Lognormal	930.00
Thallium (Soluble Salts)	MG_KG	0.02	0.37	0.39	0.39	Normal/Lognormal	



Table G-4: EU-4 Soil Exposure Point Concentrations (Measured Data)

Constituent	Units	Standard Deviation	Log Mean	95% UCL	Log 95% UCL	Distribution Test 95% Confidence Level	EPC
Inorganics							
Antimony (metallic)	MG_KG	0.40	0.60	0.95	2.74	Normal/Lognormal	1.00
Arsenic, Inorganic	MG_KG	0.71	1.23	1.78	6.93	Normal/Lognormal	1.80
Cobalt	MG_KG	7.65	35.27	42.29	46.53	Normal/Lognormal	42.00
PAHs							
Naphthalene	MG_KG	0.16	0.14	0.20	0.40	Lognormal	0.40
Total Carcinogenic PAHS (BaP TEQs)	MG_KG	6.74	11.20	9.59	75.01	Lognormal	22.82



Table G-5: EU-5 Soil Exposure Point Concentrations (Measured Data)

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
SVOCs										
p-Chloroaniline	MG_KG	7	0	0.88	1.10			0.49	0.50	0.50
DNTs										
2,4-Dinitrotoluene	MG_KG	7	0	0.88	1.10			0.49	0.50	0.50
Pesticides										
Chlordecone (Kepone)	MG_KG	7	0	0.12	2.90			0.51	0.32	
PAHs										
Indeno[1,2,3-cd]pyrene	MG_KG	7	42.9	0.04	0.22	0.03	0.12	0.06	0.03	
Benzo[b]fluoranthene	MG_KG	7	85.7	0.18	0.18	0.03	0.32	0.11	0.09	
Benzo[k]fluoranthene	MG_KG	7	57.1	0.02	0.11	0.01	0.15	0.04	0.02	0.01
Chrysene	MG_KG	7	71.4	0.18	0.22	0.03	0.24	0.09	0.07	
Benzo[a]pyrene	MG_KG	7	85.7	0.09	0.09	0.02	0.21	0.07	0.04	
Dibenz[a,h]anthracene	MG_KG	7	14.3	0.04	0.22	0.04	0.04	0.05	0.02	0.02
Benz[a]anthracene	MG_KG	7	71.4	0.18	0.22	0.02	0.19	0.07	0.05	
Pesticides										
Dieldrin	MG_KG	7	28.6	0.006	0.03	0.0007	0.001	0.006	0.003	
DNTs										
2,6-Dinitrotoluene	MG_KG	7	0	0.35	0.45			0.20	0.20	0.20
Pesticides										
DDD	MG_KG	7	0	0.001	0.03			0.005	0.003	
DDE	MG_KG	7	100.0			0.004	0.21	0.06	0.010	0.004
Inorganics										
Aluminum	MG_KG	7	100.0			9800.00	26000.00	18685.71	19000.00	19000.00
Iron	MG_KG	7	100.0			29000.00	74000.00	45285.71	43000.00	
Lead and Compounds	MG_KG	7	100.0			18.00	210.00	90.29	44.00	
Mercury (elemental)	MG_KG	7	100.0			0.02	2.30	0.41	0.05	
Nickel Soluble Salts	MG_KG	7	100.0			510.00	1500.00	1000.00	1000.00	1100.00
Thallium (Soluble Salts)	MG_KG	7	14.3	0.62	0.85	0.91	0.91	0.46	0.41	



Table G-5: EU-5 Soil Exposure Point Concentrations (Measured Data)

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
Inorganics										
Antimony (metallic)	MG_KG	7	100.0			0.21	0.67	0.38	0.36	0.21
Arsenic, Inorganic	MG_KG	7	85.7	0.62	0.62	1.80	5.50	2.94	2.70	
Cobalt	MG_KG	7	100.0			30.00	97.00	52.57	48.00	
PAHs										
Naphthalene	MG_KG	7	0	0.04	0.22			0.04	0.02	0.02
Total Carcinogenic PAHS (BaP TEQs)	MG_KG	7	85.7	0.17	0.17	0.02	0.29	0.09	0.07	



Table G-5: EU-5 Soil Exposure Point Concentrations (Measured Data)

Constituent	Units	Standard Deviation	Log Mean	95% UCL	Log 95% UCL	Distribution Test 95% Confidence Level	EPC
SVOCs							
p-Chloroaniline	MG_KG	0.03	0.49	0.52	0.52	Normal/Lognormal	
DNTs							
2,4-Dinitrotoluene	MG_KG	0.03	0.49	0.52	0.52	Normal/Lognormal	
Pesticides							
Chlordecone (Kepone)	MG_KG	0.49	0.64	0.87	5.48	Normal/Lognormal	
PAHs							
Indeno[1,2,3-cd]pyrene	MG_KG	0.04	0.06	0.09	0.18	Normal/Lognormal	0.12
Benzo[b]fluoranthene	MG_KG	0.10	0.11	0.18	0.28	Lognormal	0.28
Benzo[k]fluoranthene	MG_KG	0.05	0.05	0.08	0.21	Lognormal	0.15
Chrysene	MG_KG	0.07	0.09	0.14	0.25	Normal/Lognormal	0.24
Benzo[a]pyrene	MG_KG	0.07	0.07	0.11	0.18	Lognormal	0.18
Dibenz[a,h]anthracene	MG_KG	0.04	0.05	0.07	0.12	Unknown	0.04
Benz[a]anthracene	MG_KG	0.06	0.08	0.12	0.25	Normal/Lognormal	0.19
Pesticides							
Dieldrin	MG_KG	0.005	0.006	0.009	0.04	Normal/Lognormal	0.001
DNTs							
2,6-Dinitrotoluene	MG_KG	0.02	0.20	0.21	0.21	Normal/Lognormal	
Pesticides							
DDD	MG_KG	0.005	0.007	0.009	0.06	Normal/Lognormal	
DDE	MG_KG	0.08	0.08	0.11	3.47	Lognormal	0.21
Inorganics							
Aluminum	MG_KG	5337.74	18905.11	22605.67	25213.98	Normal/Lognormal	25213.98
Iron	MG_KG	14772.88	45511.52	56134.70	59301.58	Normal/Lognormal	59301.58
Lead and Compounds	MG_KG	78.47	99.67	147.92	436.42	Normal/Lognormal	210.00
Mercury (elemental)	MG_KG	0.84	0.40	1.03	22.98	Lognormal	2.30
Nickel Soluble Salts	MG_KG	302.82	1011.73	1222.39	1362.15	Normal/Lognormal	1362.15
Thallium (Soluble Salts)	MG_KG	0.20	0.46	0.61	0.63	Unknown	0.63



Table G-5: EU-5 Soil Exposure Point Concentrations (Measured Data)

Constituent	Units	Standard Deviation	Log Mean	95% UCL	Log 95% UCL	Distribution Test 95% Confidence Level	EPC
Inorganics							
Antimony (metallic)	MG_KG	0.18	0.38	0.51	0.60	Normal/Lognormal	0.60
Arsenic, Inorganic	MG_KG	1.69	3.57	4.19	14.31	Normal/Lognormal	5.50
Cobalt	MG_KG	21.30	52.85	68.21	73.17	Normal/Lognormal	73.17
PAHs							
Naphthalene	MG_KG	0.04	0.04	0.07	0.12	Unknown	
Total Carcinogenic PAHS (BaP TEQs)	MG_KG	0.09	0.09	0.16	0.26	Lognormal	0.26



Table G-6: EU-6 Soil Exposure Point Concentrations (Measured Data)

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
SVOCs										
p-Chloroaniline	MG_KG	5	0	0.82	1.20			0.48	0.48	
DNTs										
2,4-Dinitrotoluene	MG_KG	5	0	0.82	1.20			0.48	0.48	
Pesticides										
Chlordecone (Kepone)	MG_KG	5	0	0.12	5.40			0.93	0.41	
PAHs										
Indeno[1,2,3-cd]pyrene	MG_KG	5	40.0	0.04	0.26	0.03	0.20	0.09	0.09	
Benzo[b]fluoranthene	MG_KG	5	100.0			0.05	0.64	0.23	0.13	
Benzo[k]fluoranthene	MG_KG	5	80.0	0.09	0.09	0.02	0.26	0.09	0.05	
Chrysene	MG_KG	5	100.0			0.04	0.50	0.17	0.09	
Benzo[a]pyrene	MG_KG	5	100.0			0.03	0.36	0.12	0.06	
Dibenz[a,h]anthracene	MG_KG	5	0	0.04	0.26			0.07	0.09	
Benz[a]anthracene	MG_KG	5	80.0	0.18	0.18	0.03	0.35	0.13	0.09	
Pesticides										
Dieldrin	MG_KG	5	40.0	0.001	0.06	0.002	0.07	0.02	0.004	
DNTs										
2,6-Dinitrotoluene	MG_KG	5	0	0.32	0.48			0.19	0.19	
Pesticides										
DDD	MG_KG	5	20.0	0.001	0.06	0.08	0.08	0.02	0.004	
DDE	MG_KG	5	100.0			0.003	16.00	3.27	0.10	
Inorganics										
Aluminum	MG_KG	5	100.0			9200.00	27000.00	17040.00	16000.00	
Iron	MG_KG	5	100.0			21000.00	64000.00	38200.00	28000.00	
Lead and Compounds	MG_KG	5	100.0			16.00	260.00	114.60	29.00	
Mercury (elemental)	MG_KG	5	80.0	0.05	0.05	0.02	0.06	0.04	0.06	
Nickel Soluble Salts	MG_KG	5	100.0			290.00	1300.00	710.00	480.00	
Thallium (Soluble Salts)	MG_KG	5	20.0	0.65	0.99	0.19	0.19	0.36	0.40	



Table G-6: EU-6 Soil Exposure Point Concentrations (Measured Data)

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
Inorganics										
Antimony (metallic)	MG_KG	5	100.0			0.15	1.80	0.74	0.25	
Arsenic, Inorganic	MG_KG	5	100.0			2.40	25.00	7.96	2.70	
Cobalt	MG_KG	5	100.0			18.00	76.00	40.80	26.00	18.00
PAHs										
Naphthalene	MG_KG	5	0	0.04	0.26			0.07	0.09	
Total Carcinogenic PAHS (BaP TEQs)	MG_KG	5	100.0			0.04	0.51	0.17	0.08	



Table G-6: EU-6 Soil Exposure Point Concentrations (Measured Data)

Constituent	Units	Standard Deviation	Log Mean	95% UCL	Log 95% UCL	Distribution Test 95% Confidence Level	EPC
SVOCs							
p-Chloroaniline	MG_KG	0.07	0.48	0.55	0.57	Normal/Lognormal	
DNTs							
2,4-Dinitrotoluene	MG_KG	0.07	0.48	0.55	0.57	Normal/Lognormal	
Pesticides							
Chlordecone (Kepone)	MG_KG	1.13	1.62	2.01	1980.67	Normal/Lognormal	
PAHs							
Indeno[1,2,3-cd]pyrene	MG_KG	0.07	0.11	0.16	1.23	Normal/Lognormal	0.20
Benzo[b]fluoranthene	MG_KG	0.24	0.25	0.46	2.36	Normal/Lognormal	0.64
Benzo[k]fluoranthene	MG_KG	0.10	0.10	0.19	0.88	Normal/Lognormal	0.26
Chrysene	MG_KG	0.19	0.17	0.35	1.57	Lognormal	0.50
Benzo[a]pyrene	MG_KG	0.14	0.13	0.25	1.08	Lognormal	0.36
Dibenz[a,h]anthracene	MG_KG	0.05	0.08	0.11	0.56	Normal/Lognormal	
Benz[a]anthracene	MG_KG	0.13	0.14	0.25	1.49	Normal/Lognormal	0.35
Pesticides							
Dieldrin	MG_KG	0.03	0.04	0.05	258.43	Normal/Lognormal	0.07
DNTs							
2,6-Dinitrotoluene	MG_KG	0.03	0.19	0.22	0.23	Normal/Lognormal	
Pesticides							
DDD	MG_KG	0.03	0.06	0.06	3590.29	Lognormal	0.08
DDE	MG_KG	7.11	18.47	10.06	112084189847.	Lognormal	16.00
Inorganics							
Aluminum	MG_KG	7463.78	17424.13	24156.41	32860.58	Normal/Lognormal	27000.00
Iron	MG_KG	20278.07	39210.56	57534.31	87110.58	Normal/Lognormal	64000.00
Lead and Compounds	MG_KG	123.91	143.84	232.74	9054.19	Lognormal	260.00
Mercury (elemental)	MG_KG	0.02	0.05	0.06	0.14	Normal/Lognormal	0.06
Nickel Soluble Salts	MG_KG	457.82	742.79	1146.51	2377.28	Normal/Lognormal	1300.00
Thallium (Soluble Salts)	MG_KG	0.11	0.37	0.47	0.59	Normal/Lognormal	0.19



Table G-6: EU-6 Soil Exposure Point Concentrations (Measured Data)

Constituent	Units	Standard Deviation	Log Mean	95% UCL	Log 95% UCL	Distribution Test 95% Confidence Level	EPC
Inorganics							
Antimony (metallic)	MG_KG	0.76	0.86	1.47	20.61	Normal/Lognormal	1.80
Arsenic, Inorganic	MG_KG	9.73	8.23	17.23	98.93	Lognormal	25.00
Cobalt	MG_KG	27.99	42.85	67.48	154.98	Normal/Lognormal	76.00
PAHs							
Naphthalene	MG_KG	0.05	0.08	0.11	0.56	Normal/Lognormal	
Total Carcinogenic PAHS (BaP TEQs)	MG_KG	0.19	0.18	0.35	1.71	Lognormal	0.51



Table G-7: EU-7 Soil Exposure Point Concentrations (Measured Data)

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
SVOCs										
p-Chloroaniline	MG_KG	21	4.8	0.83	2.00	1.10	1.10	0.57	0.50	0.46
DNTs										
2,4-Dinitrotoluene	MG_KG	21	0	0.83	2.00			0.54	0.49	0.46
Pesticides										
Chlordecone (Kepone)	MG_KG	21	0	0.58	7.80			1.23	0.90	0.50
PAHs										
Indeno[1,2,3-cd]pyrene	MG_KG	21	28.6	0.03	0.77	0.15	0.79	0.24	0.19	0.02
Benzo[b]fluoranthene	MG_KG	21	71.4	0.19	0.63	0.02	1.40	0.46	0.28	0.18
Benzo[k]fluoranthene	MG_KG	21	33.3	0.02	0.35	0.18	0.72	0.19	0.10	0.09
Chrysene	MG_KG	21	42.9	0.03	0.72	0.05	0.96	0.35	0.20	0.18
Benzo[a]pyrene	MG_KG	21	81.0	0.02	0.18	0.02	0.92	0.28	0.15	0.09
Dibenz[a,h]anthracene	MG_KG	21	9.5	0.03	0.77	0.24	0.26	0.17	0.18	0.18
Benz[a]anthracene	MG_KG	21	38.1	0.03	0.72	0.02	0.85	0.29	0.20	0.18
Pesticides										
Dieldrin	MG_KG	21	4.8	0.006	0.08	0.03	0.03	0.01	0.010	0.006
DNTs										
2,6-Dinitrotoluene	MG_KG	21	0	0.33	0.77			0.21	0.20	0.18
Pesticides										
DDD	MG_KG	21	0	0.006	0.08			0.01	0.010	0.006
DDE	MG_KG	21	81.0	0.01	0.07	0.007	0.42	0.08	0.03	0.007
Inorganics										
Aluminum	MG_KG	21	100.0			5200.00	29000.00	13585.71	12000.00	11000.00
Iron	MG_KG	21	100.0			12000.00	51000.00	26857.14	24000.00	20000.00
Lead and Compounds	MG_KG	21	100.0			5.20	260.00	95.34	97.00	27.00
Mercury (elemental)	MG_KG	21	71.4	0.03	0.05	0.02	0.07	0.03	0.03	0.02
Nickel Soluble Salts	MG_KG	21	100.0			83.00	1100.00	433.00	350.00	190.00
Thallium (Soluble Salts)	MG_KG	21	4.8	0.58	1.40	0.14	0.14	0.40	0.40	0.29



Table G-7: EU-7 Soil Exposure Point Concentrations (Measured Data)

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
Inorganics										
Antimony (metallic)	MG_KG	21	38.1	0.58	1.40	0.16	8.80	0.93	0.41	1.20
Arsenic, Inorganic	MG_KG	21	23.8	0.58	1.40	1.80	3.60	1.01	0.43	0.65
Cobalt	MG_KG	21	100.0			11.00	58.00	24.71	22.00	12.00
PAHs										
Naphthalene	MG_KG	21	0	0.03	0.77			0.17	0.18	0.18
Total Carcinogenic PAHS (BaP TEQs)	MG_KG	21	85.7	0.18	0.35	0.002	1.31	0.38	0.18	



Table G-7: EU-7 Soil Exposure Point Concentrations (Measured Data)

Constituent	Units	Standard Deviation	Log Mean	95% UCL	Log 95% UCL	Distribution Test 95% Confidence Level	EPC
SVOCs							
p-Chloroaniline	MG_KG	0.20	0.57	0.65	0.65	Unknown	0.65
DNTs							
2,4-Dinitrotoluene	MG_KG	0.16	0.54	0.60	0.60	Unknown	
Pesticides							
Chlordecone (Kepone)	MG_KG	1.07	1.21	1.64	1.76	Unknown	
PAHs							
Indeno[1,2,3-cd]pyrene	MG_KG	0.19	0.29	0.31	0.55	Unknown	0.55
Benzo[b]fluoranthene	MG_KG	0.46	0.55	0.64	1.20	Lognormal	1.20
Benzo[k]fluoranthene	MG_KG	0.20	0.24	0.27	0.60	Lognormal	0.60
Chrysene	MG_KG	0.31	0.42	0.46	0.87	Lognormal	0.87
Benzo[a]pyrene	MG_KG	0.30	0.34	0.39	0.85	Lognormal	0.85
Dibenz[a,h]anthracene	MG_KG	0.11	0.20	0.21	0.34	Normal	0.21
Benz[a]anthracene	MG_KG	0.24	0.37	0.38	0.77	Unknown	0.77
Pesticides							
Dieldrin	MG_KG	0.01	0.01	0.02	0.02	Unknown	0.02
DNTs							
2,6-Dinitrotoluene	MG_KG	0.06	0.21	0.24	0.24	Unknown	
Pesticides							
DDD	MG_KG	0.01	0.01	0.02	0.02	Unknown	
DDE	MG_KG	0.11	0.08	0.12	0.18	Lognormal	0.18
Inorganics							
Aluminum	MG_KG	6148.60	13615.32	15900.21	16344.26	Lognormal	16344.26
Iron	MG_KG	9936.23	26926.05	30597.39	31279.52	Normal/Lognormal	31279.52
Lead and Compounds	MG_KG	76.07	107.28	123.98	191.60	Lognormal	191.60
Mercury (elemental)	MG_KG	0.01	0.03	0.04	0.04	Lognormal	0.04
Nickel Soluble Salts	MG_KG	277.54	439.72	537.47	592.13	Lognormal	592.13
Thallium (Soluble Salts)	MG_KG	0.13	0.41	0.45	0.47	Unknown	0.14



Table G-7: EU-7 Soil Exposure Point Concentrations (Measured Data)

Constituent	Units	Standard Deviation	Log Mean	95% UCL	Log 95% UCL	Distribution Test 95% Confidence Level	EPC
Inorganics							
Antimony (metallic)	MG_KG	1.84	0.75	1.62	1.20	Unknown	1.20
Arsenic, Inorganic	MG_KG	1.10	0.96	1.42	1.51	Unknown	1.51
Cobalt	MG_KG	13.79	24.67	29.90	30.78	Lognormal	30.78
PAHs							
Naphthalene	MG_KG	0.10	0.19	0.20	0.32	Normal	
Total Carcinogenic PAHS (BaP TEQs)	MG_KG	0.42	0.59	0.53	1.97	Lognormal	1.31



Table G-8: EU-8 Soil Exposure Point Concentrations (Measured Data)

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
SVOCs										
p-Chloroaniline	MG_KG	6	0	0.91	1.10			0.49	0.48	
DNTs										
2,4-Dinitrotoluene	MG_KG	6	0	0.91	1.10			0.49	0.48	
Pesticides										
Chlordecone (Kepone)	MG_KG	6	16.7	0.12	3.30	3.50	3.50	1.20	0.98	0.06
PAHs										
Indeno[1,2,3-cd]pyrene	MG_KG	6	16.7	0.04	0.22	0.02	0.02	0.06	0.06	
Benzo[b]fluoranthene	MG_KG	6	66.7	0.21	0.22	0.03	0.10	0.08	0.10	
Benzo[k]fluoranthene	MG_KG	6	33.3	0.02	0.11	0.02	0.08	0.04	0.03	0.010
Chrysene	MG_KG	6	50.0	0.19	0.22	0.02	0.06	0.07	0.08	
Benzo[a]pyrene	MG_KG	6	66.7	0.09	0.11	0.01	0.06	0.04	0.05	
Dibenz[a,h]anthracene	MG_KG	6	0	0.04	0.22			0.06	0.06	0.02
Benz[a]anthracene	MG_KG	6	16.7	0.04	0.22	0.05	0.05	0.07	0.07	
Pesticides										
Dieldrin	MG_KG	6	0	0.001	0.04			0.007	0.003	0.0007
DNTs										
2,6-Dinitrotoluene	MG_KG	6	0	0.36	0.41			0.19	0.19	0.19
Pesticides										
DDD	MG_KG	6	0	0.001	0.04			0.007	0.003	0.0007
DDE	MG_KG	6	100.0			0.002	0.48	0.13	0.04	
Inorganics										
Aluminum	MG_KG	6	100.0			13000.00	27000.00	17500.00	15000.00	13000.00
Iron	MG_KG	6	100.0			32000.00	65000.00	41833.33	39000.00	
Lead and Compounds	MG_KG	6	100.0			16.00	250.00	79.83	51.50	
Mercury (elemental)	MG_KG	6	100.0			0.06	4.00	0.86	0.26	
Nickel Soluble Salts	MG_KG	6	100.0			480.00	1300.00	911.67	930.00	
Thallium (Soluble Salts)	MG_KG	6	0	0.70	0.88			0.39	0.37	0.37



Table G-8: EU-8 Soil Exposure Point Concentrations (Measured Data)

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
Inorganics										
Antimony (metallic)	MG_KG	6	100.0			0.13	0.88	0.37	0.27	
Arsenic, Inorganic	MG_KG	6	16.7	0.70	0.88	3.30	3.30	0.87	0.40	
Cobalt	MG_KG	6	100.0			32.00	75.00	45.50	42.50	46.00
PAHs										
Naphthalene	MG_KG	6	0	0.04	0.22			0.06	0.06	0.02
Total Carcinogenic PAHS (BaP TEQs)	MG_KG	6	83.3	0.21	0.21	0.010	0.07	0.05	0.04	



Table G-8: EU-8 Soil Exposure Point Concentrations (Measured Data)

Constituent	Units	Standard Deviation	Log Mean	95% UCL	Log 95% UCL	Distribution Test 95% Confidence Level	EPC
SVOCs							
p-Chloroaniline	MG_KG	0.03	0.49	0.52	0.52	Normal/Lognormal	
DNTs							
2,4-Dinitrotoluene	MG_KG	0.03	0.49	0.52	0.52	Normal/Lognormal	
Pesticides							
Chlordecone (Kepone)	MG_KG	1.35	2.28	2.31	554.73	Normal/Lognormal	3.50
PAHs							
Indeno[1,2,3-cd]pyrene	MG_KG	0.05	0.07	0.10	0.30	Unknown	0.02
Benzo[b]fluoranthene	MG_KG	0.03	0.08	0.11	0.16	Unknown	0.10
Benzo[k]fluoranthene	MG_KG	0.03	0.04	0.06	0.19	Normal/Lognormal	0.08
Chrysene	MG_KG	0.04	0.07	0.10	0.21	Normal/Lognormal	0.06
Benzo[a]pyrene	MG_KG	0.02	0.04	0.06	0.09	Normal	0.06
Dibenz[a,h]anthracene	MG_KG	0.05	0.07	0.10	0.33	Unknown	
Benz[a]anthracene	MG_KG	0.04	0.07	0.10	0.27	Normal/Lognormal	0.05
Pesticides							
Dieldrin	MG_KG	0.008	0.010	0.01	0.44	Lognormal	
DNTs							
2,6-Dinitrotoluene	MG_KG	0.010	0.19	0.20	0.20	Normal/Lognormal	
Pesticides							
DDD	MG_KG	0.008	0.010	0.01	0.44	Lognormal	
DDE	MG_KG	0.19	0.30	0.29	450.35	Lognormal	0.48
Inorganics							
Aluminum	MG_KG	5753.26	17600.02	22232.75	23870.52	Normal/Lognormal	23870.52
Iron	MG_KG	11822.30	41946.80	51558.59	53121.34	Lognormal	53121.34
Lead and Compounds	MG_KG	85.47	83.05	150.14	384.61	Lognormal	250.00
Mercury (elemental)	MG_KG	1.55	0.86	2.13	30.82	Lognormal	4.00
Nickel Soluble Salts	MG_KG	288.47	924.71	1148.97	1332.77	Normal/Lognormal	1300.00
Thallium (Soluble Salts)	MG_KG	0.03	0.39	0.41	0.41	Normal/Lognormal	



Table G-8: EU-8 Soil Exposure Point Concentrations (Measured Data)

Constituent	Units	Standard Deviation	Log Mean	95% UCL	Log 95% UCL	Distribution Test 95% Confidence Level	EPC
Inorganics							
Antimony (metallic)	MG_KG	0.27	0.38	0.60	0.93	Normal/Lognormal	0.88
Arsenic, Inorganic	MG_KG	1.19	0.81	1.85	3.52	Unknown	3.30
Cobalt	MG_KG	15.53	45.70	58.27	61.77	Normal/Lognormal	61.77
PAHs							
Naphthalene	MG_KG	0.05	0.07	0.10	0.33	Unknown	
Total Carcinogenic PAHS (BaP TEQs)	MG_KG	0.04	0.05	0.08	0.26	Normal/Lognormal	0.07



Table G-9: EU-1 Indoor Air Exposure Point Concentrations (Measured Data)

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
SVOCs										
Formaldehyde	ug/m3	8	100.0			23.00	51.00	34.38	30.50	23.00



Table G-9: EU-1 Indoor Air Exposure Point Concentrations (Measured Data)

Constituent	Units	Standard Deviation	Log Mean	95% UCL	Log 95% UCL	Distribution Test 95% Confidence Level	EPC
SVOCs							
Formaldehyde	ug/m3	10.80	34.56	41.61	43.95	Normal/Lognormal	51.00



Table G-10: EU-2 Indoor Air Exposure Point Concentrations (Measured Data)

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
SVOCs										
Formaldehyde	ug/m3	8	100.0			5.00	75.00	18.64	9.45	



Table G-10: EU-2 Indoor Air Exposure Point Concentrations (Measured Data)

Constituent	Units	Standard Deviation	Log Mean	95% UCL	Log 95% UCL	Distribution Test 95% Confidence Level	EPC
SVOCs							
Formaldehyde	ug/m3	23.35	17.80	34.28	48.46	Lognormal	75.00



Table G-11: EU-3 Indoor Air Exposure Point Concentrations (Measured Data)

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
VOCs										
Ethylbenzene	ug/m3	6	100.0			0.10	0.42	0.18	0.15	0.15
SVOCs										
1,3-Butadiene	ug/m3	6	16.7	0.13	0.16	0.14	0.14	0.08	0.07	0.07
VOCs										
1,2-Dichloroethane	ug/m3	6	16.7	0.02	0.03	0.15	0.15	0.04	0.01	
SVOCs										
1,4-Dioxane	ug/m3	6	16.7	0.21	0.27	0.32	0.32	0.15	0.12	0.12
Formaldehyde	ug/m3	8	100.0			4.60	25.00	9.53	7.50	
VOCs										
Carbon Tetrachloride	ug/m3	6	100.0			0.51	0.65	0.60	0.61	
SVOCs										
Isopropanol	ug/m3	6	100.0			0.68	3.60	2.15	2.15	
VOCs										
Chloroform	ug/m3	6	100.0			0.07	0.11	0.09	0.08	
Benzene	ug/m3	6	100.0			0.30	0.37	0.33	0.33	0.33
Vinyl Chloride	ug/m3	6	0	0.02	0.02			0.008	0.008	0.008
Bromoform	ug/m3	6	0	0.59	0.77			0.34	0.34	
Bromodichloromethane	ug/m3	6	0	0.38	0.50			0.22	0.22	
Trichloroethylene	ug/m3	6	33.3	0.03	0.04	0.02	0.02	0.02	0.02	



Table G-12: EU-4 Indoor Air Exposure Point Concentrations (Measured Data)

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
VOCs										
Ethylbenzene	ug/m3	5	100.0			0.10	0.23	0.16	0.16	
SVOCs										
1,3-Butadiene	ug/m3	5	80.0	0.14	0.14	0.07	0.12	0.09	0.08	
VOCs										
1,2-Dichloroethane	ug/m3	5	0	0.02	0.03			0.01	0.01	
SVOCs										
1,4-Dioxane	ug/m3	5	0	0.21	0.27			0.11	0.11	0.11
VOCs										
Carbon Tetrachloride	ug/m3	5	100.0			0.54	0.61	0.57	0.56	0.56
SVOCs										
Isopropanol	ug/m3	5	100.0			2.40	14.00	7.52	5.80	
VOCs										
Chloroform	ug/m3	5	100.0			0.10	0.14	0.12	0.12	0.10
Benzene	ug/m3	5	100.0			0.36	0.48	0.43	0.44	
Vinyl Chloride	ug/m3	5	20.0	0.02	0.02	0.01	0.01	0.009	0.008	0.008
Bromoform	ug/m3	5	0	0.60	0.76			0.33	0.32	
Bromodichloromethane	ug/m3	5	0	0.39	0.50			0.21	0.21	
Trichloroethylene	ug/m3	5	100.0			0.02	0.16	0.07	0.06	



Table G-13: EU-5 Indoor Air Exposure Point Concentrations (Measured Data)

Constituent	Units	Standard Deviation	Log Mean	95% UCL	Log 95% UCL	Distribution Test 95% Confidence Level	EPC
VOCs							
Ethylbenzene	ug/m3		0.16			Unknown	0.16
SVOCs							
1,3-Butadiene	ug/m3		0.07			Unknown	
VOCs							
1,2-Dichloroethane	ug/m3		0.01			Unknown	
SVOCs							
1,4-Dioxane	ug/m3		0.56			Unknown	0.56
VOCs							
Carbon Tetrachloride	ug/m3		0.57			Unknown	0.57
SVOCs							
Isopropanol	ug/m3		8.90			Unknown	8.90
VOCs							
Chloroform	ug/m3		0.19			Unknown	0.19
Benzene	ug/m3		0.28			Unknown	0.28
Vinyl Chloride	ug/m3		0.06			Unknown	0.06
Bromoform	ug/m3		0.33			Unknown	
Bromodichloromethane	ug/m3		0.22			Unknown	
Trichloroethylene	ug/m3		0.04			Unknown	0.04



Table G-14: EU-6 Indoor Air Exposure Point Concentrations (Measured Data)

Constituent	Units	Standard Deviation	Log Mean	95% UCL	Log 95% UCL	Distribution Test 95% Confidence Level	EPC
VOCs							
Ethylbenzene	ug/m3	0.35	0.44	0.83	2.73	Lognormal	0.94
SVOCs							
1,3-Butadiene	ug/m3	0.003	0.07	0.07	0.07	Unknown	
VOCs							
1,2-Dichloroethane	ug/m3	0.03	0.06	0.09	0.15	Normal/Lognormal	0.10
SVOCs							
1,4-Dioxane	ug/m3	0.005	0.11	0.12	0.12	Unknown	
Formaldehyde	ug/m3	8.52	12.13	25.60	1406.21	Normal/Lognormal	21.00
VOCs							
Carbon Tetrachloride	ug/m3	0.07	0.60	0.68	0.70	Normal/Lognormal	0.68
SVOCs							
Isopropanol	ug/m3	11.52	13.17	22.50	56593.16	Normal/Lognormal	26.00
VOCs							
Chloroform	ug/m3	0.04	0.12	0.17	0.25	Normal/Lognormal	0.16
Benzene	ug/m3	1.55	1.34	3.10	65.34	Lognormal	3.60
Vinyl Chloride	ug/m3	0.0003	0.008	0.008	0.008	Unknown	
Bromoform	ug/m3	0.01	0.32	0.33	0.33	Unknown	
Bromodichloromethane	ug/m3	0.005	0.21	0.21	0.21	Unknown	
Trichloroethylene	ug/m3	0.003	0.02	0.02	0.02	Normal/Lognormal	0.02



Table G-15: EU-7 Indoor Air Exposure Point Concentrations (Measured Data)

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
VOCs										
Ethylbenzene	ug/m3	14	100.0			0.08	0.42	0.15	0.11	0.08
SVOCs										
1,3-Butadiene	ug/m3	14	0	0.13	0.16			0.07	0.07	0.07
VOCs										
1,2-Dichloroethane	ug/m3	14	85.7	0.03	0.03	0.03	0.08	0.04	0.04	0.04
SVOCs										
1,4-Dioxane	ug/m3	14	0	0.21	0.25			0.11	0.12	0.11
VOCs										
Carbon Tetrachloride	ug/m3	14	100.0			0.52	0.74	0.59	0.60	0.60
SVOCs										
Isopropanol	ug/m3	14	42.9	0.56	0.64	0.62	4.30	0.93	0.32	0.32
VOCs										
Chloroform	ug/m3	14	100.0			0.07	1.50	0.22	0.09	0.08
Benzene	ug/m3	14	100.0			0.30	0.51	0.35	0.34	0.32
Vinyl Chloride	ug/m3	14	0	0.02	0.02			0.008	0.008	0.009
Bromoform	ug/m3	14	14.3	0.60	0.73	2.40	2.90	0.66	0.34	0.32
Bromodichloromethane	ug/m3	14	14.3	0.39	0.47	0.47	0.64	0.26	0.22	0.22
Trichloroethylene	ug/m3	14	28.6	0.03	0.04	0.02	0.85	0.10	0.02	0.02



Table G-16: EU-8 Indoor Air Exposure Point Concentrations (Measured Data)

Constituent	Units	Standard Deviation	Log Mean	95% UCL	Log 95% UCL	Distribution Test 95% Confidence Level	EPC
VOCs							
Ethylbenzene	ug/m3		0.12	0.12	0.12	Unknown	0.12
SVOCs							
1,3-Butadiene	ug/m3	0.01	0.09	0.13	0.14	Unknown	0.10
VOCs							
1,2-Dichloroethane	ug/m3	0.002	0.01	0.02	0.02	Unknown	
SVOCs							
1,4-Dioxane	ug/m3	0.01	0.12	0.18	0.19	Unknown	
Formaldehyde	ug/m3		11.00			Unknown	11.00
VOCs							
Carbon Tetrachloride	ug/m3	0.02	0.64	0.73	0.71	Unknown	0.65
SVOCs							
Isopropanol	ug/m3	0.14	1.40	2.03	2.08	Unknown	1.50
VOCs							
Chloroform	ug/m3	0.01	0.09	0.14	0.15	Unknown	0.10
Benzene	ug/m3	0.007	0.37	0.40	0.39	Unknown	0.37
Inorganics							
Mercury (elemental)	MG_M3		0.0002	0.0002	0.0002	Unknown	
VOCs							
Vinyl Chloride	ug/m3	0.001	0.009	0.01	0.01	Unknown	
Bromoform	ug/m3	0.04	0.35	0.54	0.58	Unknown	
Bromodichloromethane	ug/m3	0.02	0.23	0.34	0.35	Unknown	
Trichloroethylene	ug/m3	0.002	0.02	0.03	0.03	Unknown	



Table G-17: Camp Justice Outdoor Air Exposure Point Concentrations (Measured Data)

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
VOCs										
1,2-Dichloroethane	ug/m3	2	50.0	0.03	0.03	0.04	0.04	0.02	0.02	
Carbon Tetrachloride	ug/m3	2	100.0			0.53	0.54	0.54	0.54	
Chloroform	ug/m3	2	100.0			0.08	0.08	0.08	0.08	
Benzene	ug/m3	2	100.0			0.34	0.34	0.34	0.34	



Table G-17: Camp Justice Outdoor Air Exposure Point Concentrations (Measured Data)

Constituent	Units	Standard Deviation	Log Mean	95% UCL	Log 95% UCL	Distribution Test 95% Confidence Level	EPC
VOCs							
1,2-Dichloroethane	ug/m3	0.01	0.03	0.09	2512.26	Unknown	0.04
Carbon Tetrachloride	ug/m3	0.007	0.54	0.57	0.56	Unknown	0.54
Chloroform	ug/m3	0.002	0.08	0.09	0.09	Unknown	0.08
Benzene	ug/m3		0.34	0.34	0.34	Unknown	0.34



Table G-18: Modeled Soil Exposure Point Calculations Based on a 16-Year ACI Operational Time Frame (mg/kg)

COPC	9-Month Exposure Duration		3-Year Exposure Duration						6-Year Exposure Duration						25-Year Exposure Duration						
	Active Duty Military Commercial/Industrial Worker Inside Camp Justice		Active Duty Military Commercial/Industrial Worker Inside Camp Justice		Adult and Child Resident Outside Camp Justice (Family Members of Active Duty Military Workers)		Active Duty Military Commercial/Industrial Worker Outside Camp Justice		Active Duty Military Commercial/Industrial Worker Inside Camp Justice		Adult and Child Resident Outside Camp Justice (Family Members of Active Duty Military Workers)		Active Duty Military Commercial/Industrial Worker Outside Camp Justice		Commercial/Industrial Worker Inside Camp Justice		Adult Resident Outside Camp Justice		Commercial/Industrial Worker Outside Camp Justice		
	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	
1,1,1,2-Tetrachloroethane	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,1,1-Trichloroethane	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,1-Dichloroethene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,2,3,4,6,7,8-HpCDD	6.9E-09	1.3E-08	6.9E-09	1.3E-08	9.3E-08	1.7E-07	2.0E-07	3.8E-07	6.9E-09	1.3E-08	9.3E-08	1.7E-07	2.0E-07	3.8E-07	0.0E+00	1.3E-08	0.0E+00	1.7E-07	0.0E+00	3.8E-07	0.0E+00
1,2,3,4,6,7,8-HpCDF	7.0E-09	1.3E-08	7.0E-09	1.3E-08	9.3E-08	1.7E-07	2.0E-07	3.8E-07	7.0E-09	1.3E-08	9.3E-08	1.7E-07	2.0E-07	3.8E-07	0.0E+00	1.3E-08	0.0E+00	1.7E-07	0.0E+00	3.8E-07	0.0E+00
1,2,3,4,7,8,9-HpCDF	8.0E-10	1.5E-09	8.0E-10	1.5E-09	1.1E-08	2.1E-08	2.5E-08	4.7E-08	8.0E-10	1.5E-09	1.1E-08	2.1E-08	2.5E-08	4.7E-08	0.0E+00	1.5E-09	0.0E+00	2.1E-08	0.0E+00	4.7E-08	0.0E+00
1,2,3,4,7,8-HxCDD	7.9E-10	1.5E-09	7.9E-10	1.5E-09	1.1E-08	2.0E-08	2.4E-08	4.5E-08	7.9E-10	1.5E-09	1.1E-08	2.0E-08	2.4E-08	4.5E-08	0.0E+00	1.5E-09	0.0E+00	2.0E-08	0.0E+00	4.5E-08	0.0E+00
1,2,3,4,7,8-HxCDF	6.2E-09	1.2E-08	6.2E-09	1.2E-08	8.6E-08	1.6E-07	1.9E-07	3.6E-07	6.2E-09	1.2E-08	8.6E-08	1.6E-07	1.9E-07	3.6E-07	0.0E+00	1.2E-08	0.0E+00	1.6E-07	0.0E+00	3.6E-07	0.0E+00
1,2,3,6,7,8-HxCDD	1.6E-09	3.0E-09	1.6E-09	3.0E-09	2.2E-08	4.1E-08	5.0E-08	9.2E-08	1.6E-09	3.0E-09	2.2E-08	4.1E-08	5.0E-08	9.2E-08	0.0E+00	3.0E-09	0.0E+00	4.1E-08	0.0E+00	9.2E-08	0.0E+00
1,2,3,6,7,8-HxCDF	2.0E-09	3.8E-09	2.0E-09	3.8E-09	2.8E-08	5.3E-08	6.4E-08	1.2E-07	2.0E-09	3.8E-09	2.8E-08	5.3E-08	6.4E-08	1.2E-07	0.0E+00	3.8E-09	0.0E+00	5.3E-08	0.0E+00	1.2E-07	0.0E+00
1,2,3,7,8,9-HxCDD	2.5E-09	4.7E-09	2.5E-09	4.7E-09	3.5E-08	6.5E-08	7.8E-08	1.4E-07	2.5E-09	4.7E-09	3.5E-08	6.5E-08	7.8E-08	1.4E-07	0.0E+00	4.7E-09	0.0E+00	6.5E-08	0.0E+00	1.4E-07	0.0E+00
1,2,3,7,8,9-HxCDF	1.5E-10	2.7E-10	1.5E-10	2.7E-10	2.0E-09	3.8E-09	4.6E-09	8.5E-09	1.5E-10	2.7E-10	2.0E-09	3.8E-09	4.6E-09	8.5E-09	0.0E+00	2.7E-10	0.0E+00	3.8E-09	0.0E+00	8.5E-09	0.0E+00
1,2,3,7,8-PeCDD	8.9E-10	1.6E-09	8.9E-10	1.6E-09	1.2E-08	2.3E-08	2.8E-08	5.2E-08	8.9E-10	1.6E-09	1.2E-08	2.3E-08	2.8E-08	5.2E-08	0.0E+00	1.6E-09	0.0E+00	2.3E-08	0.0E+00	5.2E-08	0.0E+00
1,2,3,7,8-PeCDF	1.0E-09	1.9E-09	1.0E-09	1.9E-09	1.5E-08	2.7E-08	3.3E-08	6.1E-08	1.0E-09	1.9E-09	1.5E-08	2.7E-08	3.3E-08	6.1E-08	0.0E+00	1.9E-09	0.0E+00	2.7E-08	0.0E+00	6.1E-08	0.0E+00
1,2,3-Trichlorobenzene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,2,3-Trichloropropane	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,2,4-trichlorobenzene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,2,4-Trimethylbenzene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,2-Dibromoethane	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,2-dichlorobenzene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,2-Dichloroethane	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,3,5-Trimethylbenzene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,3-Butadiene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,3-dichlorobenzene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,3-Dichloropropane	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,4-dichlorobenzene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,4-Dioxane	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1-Methylnaphthalene	5.1E-10	5.1E-10	5.1E-10	5.1E-10	7.4E-09	7.4E-09	1.7E-08	1.7E-08	5.1E-10	5.1E-10	7.4E-09	7.4E-09	1.7E-08	1.7E-08	5.8E-04	5.1E-10	8.4E-03	7.4E-09	1.9E-02	1.7E-08	0.0E+00
1-Methylphenanthrene	3.4E-07	3.4E-07	3.4E-07	3.4E-07	5.0E-06	5.0E-06	1.2E-05	1.2E-05	3.4E-07	3.4E-07	5.0E-06	5.0E-06	1.2E-05	1.2E-05	6.8E-05	3.4E-07	1.0E-03	5.0E-06	2.3E-03	1.2E-05	0.0E+00
2,3,4,6,7,8-HxCDF	3.2E-09	5.9E-09	3.2E-09	5.9E-09	4.3E-08	8.0E-08	9.5E-08	1.8E-07	3.2E-09	5.9E-09	4.3E-08	8.0E-08	9.5E-08	1.8E-07	0.0E+00	5.9E-09	0.0E+00	8.0E-08	0.0E+00	1.8E-07	0.0E+00
2,3,4,7,8-PeCDF	2.5E-09	4.6E-09	2.5E-09	4.6E-09	3.5E-08	6.5E-08	7.9E-08	1.5E-07	2.5E-09	4.6E-09	3.5E-08	6.5E-08	7.9E-08	1.5E-07	0.0E+00	4.6E-09	0.0E+00	6.5E-08	0.0E+00	1.5E-07	0.0E+00
2,3,5-Trimethylnaphthalene	1.6E-07	1.6E-07	1.6E-07	1.6E-07	2.5E-06	2.5E-06	5.8E-06	5.8E-06	1.6E-07	1.6E-07	2.5E-06	2.5E-06	5.8E-06	5.8E-06	3.2E-05	1.6E-07	5.0E-04	2.5E-06	1.2E-03	5.8E-06	0.0E+00
2,3,7,8-TCDD	1.8E-10	3.3E-10	1.8E-10	3.3E-10	1.9E-09	3.5E-09	3.6E-09	6.7E-09	1.8E-10	3.3E-10	1.9E-09	3.5E-09	3.6E-09	6.7E-09	0.0E+00	3.3E-10	0.0E+00	3.5E-09	0.0E+00	6.7E-09	0.0E+00
2,3,7,8-TCDF	3.3E-10	6.1E-10	3.3E-10	6.1E-10	4.7E-09	8.7E-09	1.1E-08	2.0E-08	3.3E-10	6.1E-10	4.7E-09	8.7E-09	1.1E-08	2.0E-08	0.0E+00	6.1E-10	0.0E+00	8.7E-09	0.0E+00	2.0E-08	0.0E+00
2,4-Dimethylphenol	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2,4-Dinitrotoluene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2,6-Dimethylnaphthalene	4.3E-07	4.4E-07	4.3E-07	4.4E-07	6.5E-06	6.6E-06	1.5E-05	1.5E-05	4.3E-07	4.4E-07	6.5E-06	6.6E-06	1.5E-05	1.5E-05	8.7E-05	4.4E-07	1.3E-03	6.6E-06	3.0E-03	1.5E-05	0.0E+00
2,6-Dinitrotoluene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2-Butanone	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2-Chlorophenol	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2-Chlorotoluene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2-Hexanone	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2-Methylnaphthalene	4.9E-10	4.9E-10	4.9E-10	4.9E-10	7.2E-09	7.2E-09	1.6E-08	1.6E-08	4.9E-10	4.9E-10	7.2E-09	7.2E-09	1.6E-08	1.6E-08	5.6E-04	4.9E-10	8.2E-03	7.2E-09	1.9E-02	1.6E-08	0.0E+00
2-Methylphenol	0.0E+00	0.0E+00	0.0E+00	0.0E+																	



Table G-18: Modeled Soil Exposure Point Calculations Based on a 16-Year ACI Operational Time Frame (mg/kg)

COPC	9-Month Exposure Duration		3-Year Exposure Duration						6-Year Exposure Duration						25-Year Exposure Duration					
	Active Duty Military Commercial/Industrial Worker Inside Camp Justice		Active Duty Military Commercial/Industrial Worker Inside Camp Justice		Adult and Child Resident Outside Camp Justice (Family Members of Active Duty Military Workers)		Active Duty Military Commercial/Industrial Worker Outside Camp Justice		Active Duty Military Commercial/Industrial Worker Inside Camp Justice		Adult and Child Resident Outside Camp Justice (Family Members of Active Duty Military Workers)		Active Duty Military Commercial/Industrial Worker Outside Camp Justice		Commercial/Industrial Worker Inside Camp Justice		Adult Resident Outside Camp Justice		Commercial/Industrial Worker Outside Camp Justice	
	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer
Acenaphthylene	1.4E-06	1.4E-06	1.4E-06	1.4E-06	2.1E-05	2.1E-05	4.9E-05	4.9E-05	1.4E-06	1.4E-06	2.1E-05	2.1E-05	4.9E-05	4.9E-05	3.2E-04	1.4E-06	4.8E-03	2.1E-05	1.1E-02	4.9E-05
Acenaphthene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Acetaldehyde	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Acetophenone	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Aluminum	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Anthracene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Antimony	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Arsenic	2.3E-11	2.3E-11	2.3E-11	2.3E-11	3.2E-10	3.2E-10	5.4E-10	5.4E-10	2.3E-11	2.3E-11	3.2E-10	3.2E-10	5.4E-10	5.4E-10	3.9E-05	2.3E-11	5.4E-04	3.2E-10	9.3E-04	5.4E-10
Barium	4.2E-03	7.3E-03	4.2E-03	7.3E-03	5.1E-02	9.0E-02	7.1E-02	1.2E-01	4.2E-03	7.3E-03	5.1E-02	9.0E-02	7.1E-02	1.2E-01	0.0E+00	7.3E-03	0.0E+00	9.0E-02	0.0E+00	1.2E-01
Benzene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Benzo(a)anthracene	3.5E-06	4.2E-06	3.5E-06	4.2E-06	5.6E-05	6.7E-05	1.3E-04	1.6E-04	3.5E-06	4.2E-06	5.6E-05	6.7E-05	1.3E-04	1.6E-04	1.4E-05	4.2E-06	2.2E-04	6.7E-05	5.3E-04	1.6E-04
Benzo(a)pyrene	1.6E-06	1.9E-06	1.6E-06	1.9E-06	2.4E-05	2.8E-05	5.5E-05	6.4E-05	1.6E-06	1.9E-06	2.4E-05	2.8E-05	5.5E-05	6.4E-05	1.1E-05	1.9E-06	1.6E-04	2.8E-05	3.6E-04	6.4E-05
Benzo(b)fluoranthene	9.4E-08	1.1E-07	9.4E-08	1.1E-07	1.3E-06	1.5E-06	2.9E-06	3.4E-06	9.4E-08	1.1E-07	1.3E-06	1.5E-06	2.9E-06	3.4E-06	4.7E-07	1.1E-07	6.4E-06	1.5E-06	1.4E-05	3.4E-06
Benzo(e)pyrene	8.0E-08	8.0E-08	8.0E-08	8.0E-08	1.1E-06	1.1E-06	2.5E-06	2.5E-06	8.0E-08	8.0E-08	1.1E-06	1.1E-06	2.5E-06	2.5E-06	1.8E-05	8.0E-08	2.6E-04	1.1E-06	5.8E-04	2.5E-06
Benzo(g,h,i)perylene	5.9E-08	5.9E-08	5.9E-08	5.9E-08	8.5E-07	8.5E-07	1.9E-06	1.9E-06	5.9E-08	5.9E-08	8.5E-07	8.5E-07	1.9E-06	1.9E-06	1.3E-05	5.9E-08	2.0E-04	8.5E-07	4.5E-04	1.9E-06
Benzo(k)fluoranthene	9.6E-08	1.5E-07	9.6E-08	1.5E-07	6.3E-07	9.8E-07	7.8E-07	1.2E-06	9.6E-08	1.5E-07	6.3E-07	9.8E-07	7.8E-07	1.2E-06	0.0E+00	1.5E-07	0.0E+00	9.8E-07	0.0E+00	1.2E-06
Benzoic acid	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Benzyl alcohol	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Beryllium	2.4E-09	2.4E-09	2.4E-09	2.4E-09	3.3E-08	3.3E-08	5.4E-08	5.4E-08	2.4E-09	2.4E-09	3.3E-08	3.3E-08	5.4E-08	5.4E-08	3.0E-06	2.4E-09	4.0E-05	3.3E-08	6.6E-05	5.4E-08
Biphenyl	7.8E-09	7.8E-09	7.8E-09	7.8E-09	1.2E-07	1.2E-07	2.7E-07	2.7E-07	7.8E-09	7.8E-09	1.2E-07	1.2E-07	2.7E-07	2.7E-07	1.9E-03	7.8E-09	2.8E-02	1.2E-07	6.6E-02	2.7E-07
bis(2-Ethylhexyl) phthalate	1.8E-05	1.9E-05	1.8E-05	1.9E-05	2.4E-04	2.4E-04	5.2E-04	5.2E-04	1.8E-05	1.9E-05	2.4E-04	2.4E-04	5.2E-04	5.2E-04	3.3E-03	1.9E-05	4.2E-02	2.4E-04	9.1E-02	5.2E-04
Bromobenzene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Bromochloromethane	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Bromodichloromethane	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Bromoform	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Bromomethane	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Butyl benzyl phthalate	9.0E-09	9.0E-09	9.0E-09	9.0E-09	1.3E-07	1.3E-07	3.0E-07	3.0E-07	9.0E-09	9.0E-09	1.3E-07	1.3E-07	3.0E-07	3.0E-07	5.2E-06	9.0E-09	7.6E-05	1.3E-07	1.7E-04	3.0E-07
Cadmium	1.9E-09	1.9E-09	1.9E-09	1.9E-09	2.6E-08	2.6E-08	4.4E-08	4.4E-08	1.9E-09	1.9E-09	2.6E-08	2.6E-08	4.4E-08	4.4E-08	5.1E-05	1.9E-09	7.0E-04	2.6E-08	1.2E-03	4.4E-08
Carbazole	3.3E-08	3.3E-08	3.3E-08	3.3E-08	2.2E-07	2.2E-07	2.7E-07	2.7E-07	3.3E-08	3.3E-08	2.2E-07	2.2E-07	2.7E-07	2.7E-07	6.6E-06	3.3E-08	4.3E-05	2.2E-07	5.3E-05	2.7E-07
Carbon dioxide	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Carbon disulfide	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Carbon monoxide	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Carbon tetrachloride	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Chlordecone (Kepone)	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Chlorobenzene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Chlorodibromomethane	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Chloroethane	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Chloroform	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Chloromethane	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Chromium	1.2E-04	1.9E-04	1.2E-04	1.9E-04	1.7E-03	2.7E-03	3.0E-03	4.7E-03	1.2E-04	1.9E-04	1.7E-03	2.7E-03	3.0E-03	4.7E-03	0.0E+00	1.9E-04	0.0E+00	2.7E-03	0.0E+00	4.7E-03
Chrysene	4.4E-06	5.7E-06	4.4E-06	5.7E-06	6.4E-05	8.3E-05	1.5E-04	1.9E-04	4.4E-06	5.7E-06	6.4E-05	8.3E-05	1.5E-04	1.9E-04	1.3E-06	5.7E-06	1.8E-05	8.3E-05	4.2E-05	1.9E-04
cis-1,2-Dichloroethene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
cis-1,3-Dichloropropene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Cobalt	4.1E-04	7.3E-04	4.1E-04	7.3E-04	4.7E-03	8.3E-03	5.3E-03	9.4E-03	4.1E-04	7.3E-04	4.7E-03	8.3E-03	5.3E-03	9.4E-03	0.0E+00	7.3E-04	0.0E+00	8.3E-03	0.0E+00	9.4E-03
Copper	4.5E-04	7.8E-04	4.5E-04	7.8E-04	6.2E-03	1.1E-02	1.0E-02	1.8E-02	4.5E-04	7.8E-04	6.2E-03	1.1E-02	1.0E-02	1.8E-02	0.0E+00	7.8E-04	0.0E+00	1.1E-02	0.0E+00	1.8E-02
DDD	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
DDE	0.0E+00	0.0E+00	0.0E+00	0.0E+00</																



Table G-18: Modeled Soil Exposure Point Calculations Based on a 16-Year ACI Operational Time Frame (mg/kg)

COPC	9-Month Exposure Duration		3-Year Exposure Duration						6-Year Exposure Duration						25-Year Exposure Duration					
	Active Duty Military Commercial/Industrial Worker Inside Camp Justice		Active Duty Military Commercial/Industrial Worker Inside Camp Justice		Adult and Child Resident Outside Camp Justice (Family Members of Active Duty Military Workers)		Active Duty Military Commercial/Industrial Worker Outside Camp Justice		Active Duty Military Commercial/Industrial Worker Inside Camp Justice		Adult and Child Resident Outside Camp Justice (Family Members of Active Duty Military Workers)		Active Duty Military Commercial/Industrial Worker Outside Camp Justice		Commercial/Industrial Worker Inside Camp Justice		Adult Resident Outside Camp Justice		Commercial/Industrial Worker Outside Camp Justice	
	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer
Dibenzofuran	1.3E-09	1.3E-09	1.3E-09	1.3E-09	1.9E-08	1.9E-08	4.3E-08	4.3E-08	1.3E-09	1.3E-09	1.9E-08	1.9E-08	4.3E-08	4.3E-08	1.7E-04	1.3E-09	2.4E-03	1.9E-08	5.5E-03	4.3E-08
Dibromomethane	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Dichlorobiphenyl	7.0E-10	1.3E-09	7.0E-10	1.3E-09	9.9E-09	1.8E-08	2.2E-08	4.1E-08	7.0E-10	1.3E-09	9.9E-09	1.8E-08	2.2E-08	4.1E-08	0.0E+00	1.3E-09	0.0E+00	1.8E-08	0.0E+00	4.1E-08
Dichlorodifluoromethane	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Dieldrin	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Dimethyl phthalate	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Di-n-butyl phthalate	9.0E-09	9.0E-09	9.0E-09	9.0E-09	1.3E-07	1.3E-07	3.0E-07	3.0E-07	9.0E-09	9.0E-09	1.3E-07	1.3E-07	3.0E-07	3.0E-07	1.6E-06	9.0E-09	2.3E-05	1.3E-07	5.3E-05	3.0E-07
Di-n-octyl phthalate	2.6E-08	2.6E-08	2.6E-08	2.6E-08	1.7E-07	1.7E-07	2.1E-07	2.1E-07	2.6E-08	2.6E-08	1.7E-07	1.7E-07	2.1E-07	2.1E-07	3.8E-06	2.6E-08	2.5E-05	1.7E-07	3.0E-05	2.1E-07
Ethylbenzene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Fluoranthene	1.3E-07	1.4E-07	1.3E-07	1.4E-07	1.9E-06	2.1E-06	4.3E-06	4.8E-06	1.3E-07	1.4E-07	1.9E-06	2.1E-06	4.3E-06	4.8E-06	1.1E-06	1.4E-07	1.6E-05	2.1E-06	3.6E-05	4.8E-06
Fluorene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Formaldehyde	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Heptachlorobiphenyl	8.0E-11	1.5E-10	8.0E-11	1.5E-10	1.1E-09	2.0E-09	2.5E-09	4.6E-09	8.0E-11	1.5E-10	1.1E-09	2.0E-09	2.5E-09	4.6E-09	0.0E+00	1.5E-10	0.0E+00	2.0E-09	0.0E+00	4.6E-09
Hexachlorobiphenyl	3.6E-10	6.7E-10	3.6E-10	6.7E-10	4.6E-09	8.6E-09	1.0E-08	1.9E-08	3.6E-10	6.7E-10	4.6E-09	8.6E-09	1.0E-08	1.9E-08	0.0E+00	6.7E-10	0.0E+00	8.6E-09	0.0E+00	1.9E-08
Hexachlorobutadiene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Hydrogen Chloride	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Hydrogen cyanide	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Hydrogen sulfide	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Indeno(1,2,3-cd)pyrene	1.6E-06	1.9E-06	1.6E-06	1.9E-06	2.3E-05	2.8E-05	5.2E-05	6.3E-05	1.6E-06	1.9E-06	2.3E-05	2.8E-05	5.2E-05	6.3E-05	5.6E-06	1.9E-06	8.0E-05	2.8E-05	1.8E-04	6.3E-05
Iron	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Isopropanol	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Isopropylbenzene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Lead	2.4E-07	2.4E-07	2.4E-07	2.4E-07	3.2E-06	3.2E-06	5.1E-06	5.1E-06	2.4E-07	2.4E-07	3.2E-06	3.2E-06	5.1E-06	5.1E-06	4.3E-04	2.4E-07	5.7E-03	3.2E-06	9.2E-03	5.1E-06
m&p-Xylene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Manganese	1.9E-06	1.9E-06	1.9E-06	1.9E-06	2.5E-05	2.5E-05	4.3E-05	4.3E-05	1.9E-06	1.9E-06	2.5E-05	2.5E-05	4.3E-05	4.3E-05	3.7E-04	1.9E-06	5.1E-03	2.5E-05	8.6E-03	4.3E-05
Mercury (+2)	4.0E-08	8.0E-08	4.0E-08	8.0E-08	4.4E-07	8.8E-07	8.8E-07	1.8E-06	4.0E-08	8.0E-08	4.4E-07	8.8E-07	8.8E-07	1.8E-06	0.0E+00	8.0E-08	0.0E+00	8.8E-07	0.0E+00	1.8E-06
Mercury, elemental	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Methyl Isobutyl Ketone	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Methyl Mercury	2.4E-09	4.8E-09	2.4E-09	4.8E-09	3.3E-08	6.6E-08	5.6E-08	1.1E-07	2.4E-09	4.8E-09	3.3E-08	6.6E-08	5.6E-08	1.1E-07	0.0E+00	4.8E-09	0.0E+00	6.6E-08	0.0E+00	1.1E-07
Methylene chloride	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Monochlorobiphenyl	4.8E-09	8.9E-09	4.8E-09	8.9E-09	6.9E-08	1.3E-07	1.6E-07	2.9E-07	4.8E-09	8.9E-09	6.9E-08	1.3E-07	1.6E-07	2.9E-07	0.0E+00	8.9E-09	0.0E+00	1.3E-07	0.0E+00	2.9E-07
Napthalene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
n-Butylbenzene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Nickel	9.5E-09	9.5E-09	9.5E-09	9.5E-09	1.3E-07	1.3E-07	2.2E-07	2.2E-07	9.5E-09	9.5E-09	1.3E-07	1.3E-07	2.2E-07	2.2E-07	2.4E-04	9.5E-09	3.2E-03	1.3E-07	5.4E-03	2.2E-07
Nonachlorobiphenyl	1.4E-11	2.6E-11	1.4E-11	2.6E-11	1.6E-10	2.9E-10	3.2E-10	5.8E-10	1.4E-11	2.6E-11	1.6E-10	2.9E-10	3.2E-10	5.8E-10	0.0E+00	2.6E-11	0.0E+00	2.9E-10	0.0E+00	5.8E-10
NOx (Oxides of Nitrogen)	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
n-Propylbenzene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
OCDD	4.7E-09	8.7E-09	4.7E-09	8.7E-09	6.2E-08	1.1E-07	1.3E-07	2.5E-07	4.7E-09	8.7E-09	6.2E-08	1.1E-07	1.3E-07	2.5E-07	0.0E+00	8.7E-09	0.0E+00	1.1E-07	0.0E+00	2.5E-07
OCDF	1.8E-09	3.3E-09	1.8E-09	3.3E-09	2.3E-08	4.3E-08	5.0E-08	9.3E-08	1.8E-09	3.3E-09	2.3E-08	4.3E-08	5.0E-08	9.3E-08	0.0E+00	3.3E-09	0.0E+00	4.3E-08	0.0E+00	9.3E-08
Octachlorobiphenyl	2.6E-11	4.8E-11	2.6E-11	4.8E-11	3.4E-10	6.2E-10	7.4E-10	1.4E-09	2.6E-11	4.8E-11	3.4E-10	6.2E-10	7.4E-10	1.4E-09	0.0E+00	4.8E-11	0.0E+00	6.2E-10	0.0E+00	1.4E-09
o-Xylene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Total Suspended Particulate	7.0E-03	7.0E-03	7.0E-03	7.0E-03	1.0E-01	1.0E-01	1.9E-01	1.9E-01	7.0E-03	7.0E-03	1.0E-01	1.0E-01	1.9E-01	1.9E-01	1.4E+00	7.0E-03	2.0E+01	1.0E-01	3.8E+01	1.9E-01
p-Chloroaniline	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
p-Chlorotoluene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Pentachlorobiphenyl	1.3E-09	2.4E-09	1.3E-09	2.4E-09	1.6E-08	2.9E-08	3.4E-08	6.2E-08	1.3E-09	2.4E-09	1.6E-08	2.9E-08	3.4E-08	6.2E-08	0.0E+00	2.4E-09	0.0E+00	2.9E-08	0.0E+00	6.2E-08
Perylene	3.1E-08	3.1E-08	3.1E-08	3.1E-08	5.1E-07	5.1E-07	1.2E-06	1.2E-06	3.1E-08	3.1E-08	5.1E-07	5.1E-07	1.2E-06	1.2E-06	7.1E-06	3.1E-08	1.2E-04	5.1E-07	2.8E-04	1.2E-06
Phenanthrene	0.0E+00	0.0E+00	0.0E+00																	



Table G-18: Modeled Soil Exposure Point Calculations Based on a 16-Year ACI Operational Time Frame (mg/kg)

COPC	9-Month Exposure Duration		3-Year Exposure Duration						6-Year Exposure Duration						25-Year Exposure Duration					
	Active Duty Military Commercial/Industrial Worker Inside Camp Justice		Active Duty Military Commercial/Industrial Worker Inside Camp Justice		Adult and Child Resident Outside Camp Justice (Family Members of Active Duty Military Workers)		Active Duty Military Commercial/Industrial Worker Outside Camp Justice		Active Duty Military Commercial/Industrial Worker Inside Camp Justice		Adult and Child Resident Outside Camp Justice (Family Members of Active Duty Military Workers)		Active Duty Military Commercial/Industrial Worker Outside Camp Justice		Commercial/Industrial Worker Inside Camp Justice		Adult Resident Outside Camp Justice		Commercial/Industrial Worker Outside Camp Justice	
	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer
Phosphorus	1.8E-08	1.8E-08	1.8E-08	1.8E-08	2.3E-07	2.3E-07	3.7E-07	3.7E-07	1.8E-08	1.8E-08	2.3E-07	2.3E-07	3.7E-07	3.7E-07	1.9E-03	1.8E-08	2.6E-02	2.3E-07	4.1E-02	3.7E-07
p-Isopropyltoluene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
PM<10	8.9E-03	9.0E-03	8.9E-03	9.0E-03	1.3E-01	1.3E-01	2.5E-01	2.5E-01	8.9E-03	9.0E-03	1.3E-01	1.3E-01	2.5E-01	2.5E-01	1.8E+00	9.0E-03	2.7E+01	1.3E-01	5.0E+01	2.5E-01
PM<2.5	7.4E-03	7.5E-03	7.4E-03	7.5E-03	1.1E-01	1.1E-01	2.1E-01	2.2E-01	7.4E-03	7.5E-03	1.1E-01	1.1E-01	2.1E-01	2.2E-01	1.5E+00	7.5E-03	2.2E+01	1.1E-01	4.3E+01	2.2E-01
Propionaldehyde	5.3E-09	5.3E-09	5.3E-09	5.3E-09	6.0E-08	6.0E-08	1.2E-07	1.2E-07	5.3E-09	5.3E-09	6.0E-08	6.0E-08	1.2E-07	1.2E-07	3.6E-03	5.3E-09	4.1E-02	6.0E-08	8.3E-02	1.2E-07
Pyrene	3.5E-07	5.3E-07	3.5E-07	5.3E-07	5.2E-06	7.8E-06	1.2E-05	1.8E-05	3.5E-07	5.3E-07	5.2E-06	7.8E-06	1.2E-05	1.8E-05	0.0E+00	5.3E-07	0.0E+00	7.8E-06	0.0E+00	1.8E-05
Pyridine	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
sec-Butylbenzene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Selenium	9.4E-11	9.4E-11	9.4E-11	9.4E-11	1.3E-09	1.3E-09	2.2E-09	2.2E-09	9.4E-11	9.4E-11	1.3E-09	1.3E-09	2.2E-09	2.2E-09	1.2E-05	9.4E-11	1.6E-04	1.3E-09	2.7E-04	2.2E-09
Silver	1.5E-06	2.0E-06	1.5E-06	2.0E-06	2.0E-05	2.6E-05	3.2E-05	4.2E-05	1.5E-06	2.0E-06	2.0E-05	2.6E-05	3.2E-05	4.2E-05	8.4E-07	2.0E-06	1.1E-05	2.6E-05	1.8E-05	4.2E-05
Styrene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Sulfur Dioxide	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
tert-Butylbenzene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Tetrachlorobiphenyl	2.7E-10	4.9E-10	2.7E-10	4.9E-10	3.2E-09	5.9E-09	6.8E-09	1.2E-08	2.7E-10	4.9E-10	3.2E-09	5.9E-09	6.8E-09	1.2E-08	0.0E+00	4.9E-10	0.0E+00	5.9E-09	0.0E+00	1.2E-08
Tetrachloroethene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Thallium (Soluble Salts)	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Titanium	1.9E-08	1.9E-08	1.9E-08	1.9E-08	2.7E-07	2.7E-07	4.9E-07	4.9E-07	1.9E-08	1.9E-08	2.7E-07	2.7E-07	4.9E-07	4.9E-07	3.8E-06	1.9E-08	5.4E-05	2.7E-07	9.8E-05	4.9E-07
Toluene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Total Reduced Sulfur	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
trans-1,2-Dichloroethene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
trans-1,3-Dichloropropene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Trichlorobiphenyl	3.2E-10	5.9E-10	3.2E-10	5.9E-10	4.1E-09	7.5E-09	8.8E-09	1.6E-08	3.2E-10	5.9E-10	4.1E-09	7.5E-09	8.8E-09	1.6E-08	0.0E+00	5.9E-10	0.0E+00	7.5E-09	0.0E+00	1.6E-08
Trichloroethene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Trichlorofluoromethane	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Vinyl chloride	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Zinc	4.3E-07	4.3E-07	4.3E-07	4.3E-07	5.4E-06	5.4E-06	7.8E-06	7.8E-06	4.3E-07	4.3E-07	5.4E-06	5.4E-06	7.8E-06	7.8E-06	1.1E-02	4.3E-07	1.4E-01	5.4E-06	2.0E-01	7.8E-06



Table G-19: Modeled Soil Exposure Point Calculations Based on a 30-Year ACI Operational Time Frame (mg/kg)

COPC	9-Month Exposure Duration		3-Year Exposure Duration						6-Year Exposure Duration						25-Year Exposure Duration						
	Active Duty Military Commercial/Industrial Worker Inside Camp Justice		Active Duty Military Commercial/Industrial Worker Inside Camp Justice		Adult and Child Resident Outside Camp Justice (Family Members of Active Duty Military Workers)		Active Duty Military Commercial/Industrial Worker Outside Camp Justice		Active Duty Military Commercial/Industrial Worker Inside Camp Justice		Adult and Child Resident Outside Camp Justice (Family Members of Active Duty Military Workers)		Active Duty Military Commercial/Industrial Worker Outside Camp Justice		Commercial/Industrial Worker Inside Camp Justice		Adult Resident Outside Camp Justice		Commercial/Industrial Worker Outside Camp Justice		
	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	
1,1,1,2-Tetrachloroethane	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,1,1-Trichloroethane	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,1-Dichloroethene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,2,3,4,6,7,8-HpCDD	1.1E-08	2.0E-08	1.1E-08	2.0E-08	1.5E-07	2.7E-07	3.4E-07	5.9E-07	1.1E-08	2.0E-08	1.5E-07	2.7E-07	3.4E-07	5.9E-07	1.1E-08	2.0E-08	1.5E-07	2.7E-07	3.4E-07	5.9E-07	1.1E-08
1,2,3,4,6,7,8-HpCDF	1.2E-08	2.0E-08	1.2E-08	2.0E-08	1.5E-07	2.7E-07	3.4E-07	5.9E-07	1.2E-08	2.0E-08	1.5E-07	2.7E-07	3.4E-07	5.9E-07	1.2E-08	2.0E-08	1.5E-07	2.7E-07	3.4E-07	5.9E-07	1.2E-08
1,2,3,4,7,8,9-HpCDF	1.3E-09	2.3E-09	1.3E-09	2.3E-09	1.9E-08	3.2E-08	4.2E-08	7.2E-08	1.3E-09	2.3E-09	1.9E-08	3.2E-08	4.2E-08	7.2E-08	1.3E-09	2.3E-09	1.9E-08	3.2E-08	4.2E-08	7.2E-08	1.3E-09
1,2,3,4,7,8-HxCDD	1.3E-09	2.3E-09	1.3E-09	2.3E-09	1.8E-08	3.1E-08	4.0E-08	7.0E-08	1.3E-09	2.3E-09	1.8E-08	3.1E-08	4.0E-08	7.0E-08	1.3E-09	2.3E-09	1.8E-08	3.1E-08	4.0E-08	7.0E-08	1.3E-09
1,2,3,4,7,8-HxCDF	1.0E-08	1.8E-08	1.0E-08	1.8E-08	1.4E-07	2.5E-07	3.2E-07	5.5E-07	1.0E-08	1.8E-08	1.4E-07	2.5E-07	3.2E-07	5.5E-07	1.0E-08	1.8E-08	1.4E-07	2.5E-07	3.2E-07	5.5E-07	1.0E-08
1,2,3,6,7,8-HxCDD	2.6E-09	4.6E-09	2.6E-09	4.6E-09	3.7E-08	6.4E-08	8.2E-08	1.4E-07	2.6E-09	4.6E-09	3.7E-08	6.4E-08	8.2E-08	1.4E-07	2.6E-09	4.6E-09	3.7E-08	6.4E-08	8.2E-08	1.4E-07	2.6E-09
1,2,3,6,7,8-HxCDF	3.4E-09	5.9E-09	3.4E-09	5.9E-09	4.7E-08	8.2E-08	1.1E-07	1.8E-07	3.4E-09	5.9E-09	4.7E-08	8.2E-08	1.1E-07	1.8E-07	3.4E-09	5.9E-09	4.7E-08	8.2E-08	1.1E-07	1.8E-07	3.4E-09
1,2,3,7,8,9-HxCDD	4.2E-09	7.3E-09	4.2E-09	7.3E-09	5.8E-08	1.0E-07	1.3E-07	2.2E-07	4.2E-09	7.3E-09	5.8E-08	1.0E-07	1.3E-07	2.2E-07	4.2E-09	7.3E-09	5.8E-08	1.0E-07	1.3E-07	2.2E-07	4.2E-09
1,2,3,7,8,9-HxCDF	2.4E-10	4.2E-10	2.4E-10	4.2E-10	3.4E-09	5.9E-09	7.6E-09	1.3E-08	2.4E-10	4.2E-10	3.4E-09	5.9E-09	7.6E-09	1.3E-08	2.4E-10	4.2E-10	3.4E-09	5.9E-09	7.6E-09	1.3E-08	2.4E-10
1,2,3,7,8-PeCDD	1.5E-09	2.6E-09	1.5E-09	2.6E-09	2.1E-08	3.6E-08	4.6E-08	8.0E-08	1.5E-09	2.6E-09	2.1E-08	3.6E-08	4.6E-08	8.0E-08	1.5E-09	2.6E-09	2.1E-08	3.6E-08	4.6E-08	8.0E-08	1.5E-09
1,2,3,7,8-PeCDF	1.7E-09	3.0E-09	1.7E-09	3.0E-09	2.4E-08	4.2E-08	5.5E-08	9.5E-08	1.7E-09	3.0E-09	2.4E-08	4.2E-08	5.5E-08	9.5E-08	1.7E-09	3.0E-09	2.4E-08	4.2E-08	5.5E-08	9.5E-08	1.7E-09
1,2,3-Trichlorobenzene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,2,3-Trichloropropane	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,2,4-trichlorobenzene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,2,4-Trimethylbenzene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,2-Dibromoethane	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,2-dichlorobenzene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,2-Dichloroethane	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,3,5-Trimethylbenzene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,3-Butadiene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,3-dichlorobenzene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,3-Dichloropropane	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,4-dichlorobenzene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,4-Dioxane	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1-Methylnaphthalene	5.1E-10	5.1E-10	5.1E-10	5.1E-10	7.4E-09	7.4E-09	1.7E-08	1.7E-08	5.1E-10	5.1E-10	7.4E-09	7.4E-09	1.7E-08	1.7E-08	5.1E-10	5.1E-10	7.4E-09	7.4E-09	1.7E-08	1.7E-08	5.1E-10
1-Methylphenanthrene	3.4E-07	3.4E-07	3.4E-07	3.4E-07	5.0E-06	5.0E-06	1.2E-05	1.2E-05	3.4E-07	3.4E-07	5.0E-06	5.0E-06	1.2E-05	1.2E-05	3.4E-07	3.4E-07	5.0E-06	5.0E-06	1.2E-05	1.2E-05	3.4E-07
2,3,4,6,7,8-HxCDF	5.3E-09	9.2E-09	5.3E-09	9.2E-09	7.1E-08	1.2E-07	1.6E-07	2.7E-07	5.3E-09	9.2E-09	7.1E-08	1.2E-07	1.6E-07	2.7E-07	5.3E-09	9.2E-09	7.1E-08	1.2E-07	1.6E-07	2.7E-07	5.3E-09
2,3,4,7,8-PeCDF	4.1E-09	7.2E-09	4.1E-09	7.2E-09	5.8E-08	1.0E-07	1.3E-07	2.3E-07	4.1E-09	7.2E-09	5.8E-08	1.0E-07	1.3E-07	2.3E-07	4.1E-09	7.2E-09	5.8E-08	1.0E-07	1.3E-07	2.3E-07	4.1E-09
2,3,5-Trimethylnaphthalene	1.6E-07	1.6E-07	1.6E-07	1.6E-07	2.5E-06	2.5E-06	5.8E-06	5.8E-06	1.6E-07	1.6E-07	2.5E-06	2.5E-06	5.8E-06	5.8E-06	1.6E-07	1.6E-07	2.5E-06	2.5E-06	5.8E-06	5.8E-06	1.6E-07
2,3,7,8-TCDD	3.0E-10	5.1E-10	3.0E-10	5.1E-10	3.1E-09	5.2E-09	5.9E-09	1.0E-08	3.0E-10	5.1E-10	3.1E-09	5.2E-09	5.9E-09	1.0E-08	3.0E-10	5.1E-10	3.1E-09	5.2E-09	5.9E-09	1.0E-08	3.0E-10
2,3,7,8-TCDF	5.4E-10	9.4E-10	5.4E-10	9.4E-10	7.8E-09	1.3E-08	1.8E-08	3.0E-08	5.4E-10	9.4E-10	7.8E-09	1.3E-08	1.8E-08	3.0E-08	5.4E-10	9.4E-10	7.8E-09	1.3E-08	1.8E-08	3.0E-08	5.4E-10
2,4-Dimethylphenol	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2,4-Dinitrotoluene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2,6-Dimethylnaphthalene	4.3E-07	4.4E-07	4.3E-07	4.4E-07	6.5E-06	6.6E-06	1.5E-05	1.5E-05	4.3E-07	4.4E-07	6.5E-06	6.6E-06	1.5E-05	1.5E-05	4.3E-07	4.4E-07	6.5E-06	6.6E-06	1.5E-05	1.5E-05	4.3E-07
2,6-Dinitrotoluene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2-Butanone	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2-Chlorophenol	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2-Chlorotoluene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2-Hexanone	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2-Methylnaphthalene	4.9E-10	4.9E-10	4.9E-10	4.9E-10	7.2E-09	7.2E-09	1.6E-08	1.6E-08	4.9E-10	4.9E-10	7.2E-09	7.2E-09	1.6E-08	1.6E-08	4.9E-10	4.9E-10	7.2E-09	7.2E-09	1.6E-08	1.6E-08	4.9E-10
2-Methylphenol	0.0E+00	0.0E+00	0.0E+00	0.0E+																	



Table G-19: Modeled Soil Exposure Point Calculations Based on a 30-Year ACI Operational Time Frame (mg/kg)

COPC	9-Month Exposure Duration		3-Year Exposure Duration						6-Year Exposure Duration						25-Year Exposure Duration						
	Active Duty Military Commercial/Industrial Worker Inside Camp Justice		Active Duty Military Commercial/Industrial Worker Inside Camp Justice		Adult and Child Resident Outside Camp Justice (Family Members of Active Duty Military Workers)		Active Duty Military Commercial/Industrial Worker Outside Camp Justice		Active Duty Military Commercial/Industrial Worker Inside Camp Justice		Adult and Child Resident Outside Camp Justice (Family Members of Active Duty Military Workers)		Active Duty Military Commercial/Industrial Worker Outside Camp Justice		Commercial/Industrial Worker Inside Camp Justice		Adult Resident Outside Camp Justice		Commercial/Industrial Worker Outside Camp Justice		
	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	
Acenaphthylene	1.4E-06	1.4E-06	1.4E-06	1.4E-06	2.1E-05	2.1E-05	4.9E-05	4.9E-05	1.4E-06	1.4E-06	2.1E-05	2.1E-05	4.9E-05	4.9E-05	1.4E-06	1.4E-06	2.1E-05	2.1E-05	4.9E-05	4.9E-05	
Acenaphthene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Acetaldehyde	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Acetophenone	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Aluminum	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Anthracene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Antimony	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Arsenic	2.3E-11	2.3E-11	2.3E-11	2.3E-11	3.2E-10	3.2E-10	5.4E-10	5.4E-10	2.3E-11	2.3E-11	3.2E-10	3.2E-10	5.4E-10	5.4E-10	2.3E-11	2.3E-11	3.2E-10	3.2E-10	5.4E-10	5.4E-10	
Barium	6.4E-03	1.0E-02	6.4E-03	1.0E-02	7.9E-02	1.3E-01	1.1E-01	1.7E-01	6.4E-03	1.0E-02	7.9E-02	1.3E-01	1.1E-01	1.7E-01	6.4E-03	1.0E-02	7.9E-02	1.3E-01	1.1E-01	1.7E-01	
Benzene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Benzo(a)anthracene	3.8E-06	4.2E-06	3.8E-06	4.2E-06	6.1E-05	6.7E-05	1.4E-04	1.6E-04	3.8E-06	4.2E-06	6.1E-05	6.7E-05	1.4E-04	1.6E-04	3.8E-06	4.2E-06	6.1E-05	6.7E-05	1.4E-04	1.6E-04	
Benzo(a)pyrene	1.7E-06	1.9E-06	1.7E-06	1.9E-06	2.6E-05	2.8E-05	5.9E-05	6.4E-05	1.7E-06	1.9E-06	2.6E-05	2.8E-05	5.9E-05	6.4E-05	1.7E-06	1.9E-06	2.6E-05	2.8E-05	5.9E-05	6.4E-05	
Benzo(b)fluoranthene	1.0E-07	1.1E-07	1.0E-07	1.1E-07	1.4E-06	1.5E-06	3.1E-06	3.4E-06	1.0E-07	1.1E-07	1.4E-06	1.5E-06	3.1E-06	3.4E-06	1.0E-07	1.1E-07	1.4E-06	1.5E-06	3.1E-06	3.4E-06	
Benzo(e)pyrene	8.0E-08	8.0E-08	8.0E-08	8.0E-08	1.1E-06	1.1E-06	2.5E-06	2.5E-06	8.0E-08	8.0E-08	1.1E-06	1.1E-06	2.5E-06	2.5E-06	8.0E-08	8.0E-08	1.1E-06	1.1E-06	2.5E-06	2.5E-06	
Benzo(g,h,i)perylene	5.9E-08	5.9E-08	5.9E-08	5.9E-08	8.5E-07	8.5E-07	1.9E-06	1.9E-06	5.9E-08	5.9E-08	8.5E-07	8.5E-07	1.9E-06	1.9E-06	5.9E-08	5.9E-08	8.5E-07	8.5E-07	1.9E-06	1.9E-06	
Benzo(k)fluoranthene	1.3E-07	1.7E-07	1.3E-07	1.7E-07	8.3E-07	1.1E-06	1.0E-06	1.4E-06	1.3E-07	1.7E-07	8.3E-07	1.1E-06	1.0E-06	1.4E-06	1.3E-07	1.7E-07	8.3E-07	1.1E-06	1.0E-06	1.4E-06	
Benzoic acid	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Benzyl alcohol	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Beryllium	2.4E-09	2.4E-09	2.4E-09	2.4E-09	3.3E-08	3.3E-08	5.4E-08	5.4E-08	2.4E-09	2.4E-09	3.3E-08	3.3E-08	5.4E-08	5.4E-08	2.4E-09	2.4E-09	3.3E-08	3.3E-08	5.4E-08	5.4E-08	
Biphenyl	7.8E-09	7.8E-09	7.8E-09	7.8E-09	1.2E-07	1.2E-07	2.7E-07	2.7E-07	7.8E-09	7.8E-09	1.2E-07	1.2E-07	2.7E-07	2.7E-07	7.8E-09	7.8E-09	1.2E-07	1.2E-07	2.7E-07	2.7E-07	
bis(2-Ethylhexyl) phthalate	1.9E-05	1.9E-05	1.9E-05	1.9E-05	2.4E-04	2.4E-04	5.2E-04	5.2E-04	1.9E-05	1.9E-05	2.4E-04	2.4E-04	5.2E-04	5.2E-04	1.9E-05	1.9E-05	2.4E-04	2.4E-04	5.2E-04	5.2E-04	
Bromobenzene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Bromochloromethane	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Bromodichloromethane	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Bromoform	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Bromomethane	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Butyl benzyl phthalate	9.0E-09	9.0E-09	9.0E-09	9.0E-09	1.3E-07	1.3E-07	3.0E-07	3.0E-07	9.0E-09	9.0E-09	1.3E-07	1.3E-07	3.0E-07	3.0E-07	9.0E-09	9.0E-09	1.3E-07	1.3E-07	3.0E-07	3.0E-07	
Cadmium	1.9E-09	1.9E-09	1.9E-09	1.9E-09	2.6E-08	2.6E-08	4.4E-08	4.4E-08	1.9E-09	1.9E-09	2.6E-08	2.6E-08	4.4E-08	4.4E-08	1.9E-09	1.9E-09	2.6E-08	2.6E-08	4.4E-08	4.4E-08	
Carbazole	3.3E-08	3.3E-08	3.3E-08	3.3E-08	2.2E-07	2.2E-07	2.7E-07	2.7E-07	3.3E-08	3.3E-08	2.2E-07	2.2E-07	2.7E-07	2.7E-07	3.3E-08	3.3E-08	2.2E-07	2.2E-07	2.7E-07	2.7E-07	
Carbon dioxide	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Carbon disulfide	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Carbon monoxide	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Carbon tetrachloride	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Chlordecone (Kepone)	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Chlorobenzene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Chlorodibromomethane	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Chloroethane	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Chloroform	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Chloromethane	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Chromium	1.7E-04	2.2E-04	1.7E-04	2.2E-04	2.3E-03	3.1E-03	4.0E-03	5.4E-03	1.7E-04	2.2E-04	2.3E-03	3.1E-03	4.0E-03	5.4E-03	1.7E-04	2.2E-04	2.3E-03	3.1E-03	4.0E-03	5.4E-03	
Chrysene	5.1E-06	5.8E-06	5.1E-06	5.8E-06	7.3E-05	8.4E-05	1.7E-04	1.9E-04	5.1E-06	5.8E-06	7.3E-05	8.4E-05	1.7E-04	1.9E-04	5.1E-06	5.8E-06	7.3E-05	8.4E-05	1.7E-04	1.9E-04	
cis-1,2-Dichloroethene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
cis-1,3-Dichloropropene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Cobalt	6.4E-04	1.0E-03	6.4E-04	1.0E-03	7.3E-03	1.2E-02	8.3E-03	1.3E-02	6.4E-04	1.0E-03	7.3E-03	1.2E-02	8.3E-03	1.3E-02	6.4E-04	1.0E-03	7.3E-03	1.2E-02	8.3E-03	1.3E-02	
Copper	6.8E-04	1.1E-03	6.8E-04	1.1E-03	9.2E-03	1.4E-02	1.5E-02	2.4E-02	6.8E-04	1.1E-03	9.2E-03	1.4E-02	1.5E-02	2.4E-02	6.8E-04	1.1E-03	9.2E-03	1.4E-02	1.5E-02	2.4E-0	



Table G-19: Modeled Soil Exposure Point Calculations Based on a 30-Year ACI Operational Time Frame (mg/kg)

COPC	9-Month Exposure Duration		3-Year Exposure Duration						6-Year Exposure Duration						25-Year Exposure Duration					
	Active Duty Military Commercial/Industrial Worker Inside Camp Justice		Active Duty Military Commercial/Industrial Worker Inside Camp Justice		Adult and Child Resident Outside Camp Justice (Family Members of Active Duty Military Workers)		Active Duty Military Commercial/Industrial Worker Outside Camp Justice		Active Duty Military Commercial/Industrial Worker Inside Camp Justice		Adult and Child Resident Outside Camp Justice (Family Members of Active Duty Military Workers)		Active Duty Military Commercial/Industrial Worker Outside Camp Justice		Commercial/Industrial Worker Inside Camp Justice		Adult Resident Outside Camp Justice		Commercial/Industrial Worker Outside Camp Justice	
	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer
Dibenzofuran	1.3E-09	1.3E-09	1.3E-09	1.3E-09	1.9E-08	1.9E-08	4.3E-08	4.3E-08	1.3E-09	1.3E-09	1.9E-08	1.9E-08	4.3E-08	4.3E-08	1.3E-09	1.3E-09	1.9E-08	1.9E-08	4.3E-08	4.3E-08
Dibromomethane	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Dichlorobiphenyl	1.1E-09	1.9E-09	1.1E-09	1.9E-09	1.6E-08	2.8E-08	3.7E-08	6.3E-08	1.1E-09	1.9E-09	1.6E-08	2.8E-08	3.7E-08	6.3E-08	1.1E-09	1.9E-09	1.6E-08	2.8E-08	3.7E-08	6.3E-08
Dichlorodifluoromethane	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Dieldrin	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Dimethyl phthalate	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Di-n-butyl phthalate	9.0E-09	9.0E-09	9.0E-09	9.0E-09	1.3E-07	1.3E-07	3.0E-07	3.0E-07	9.0E-09	9.0E-09	1.3E-07	1.3E-07	3.0E-07	3.0E-07	9.0E-09	9.0E-09	1.3E-07	1.3E-07	3.0E-07	3.0E-07
Di-n-octyl phthalate	2.6E-08	2.6E-08	2.6E-08	2.6E-08	1.7E-07	1.7E-07	2.1E-07	2.1E-07	2.6E-08	2.6E-08	1.7E-07	1.7E-07	2.1E-07	2.1E-07	2.6E-08	2.6E-08	1.7E-07	1.7E-07	2.1E-07	2.1E-07
Ethylbenzene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Fluoranthene	1.3E-07	1.4E-07	1.3E-07	1.4E-07	2.0E-06	2.1E-06	4.5E-06	4.8E-06	1.3E-07	1.4E-07	2.0E-06	2.1E-06	4.5E-06	4.8E-06	1.3E-07	1.4E-07	2.0E-06	2.1E-06	4.5E-06	4.8E-06
Fluorene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Formaldehyde	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Heptachlorobiphenyl	1.3E-10	2.3E-10	1.3E-10	2.3E-10	1.8E-09	3.2E-09	4.1E-09	7.1E-09	1.3E-10	2.3E-10	1.8E-09	3.2E-09	4.1E-09	7.1E-09	1.3E-10	2.3E-10	1.8E-09	3.2E-09	4.1E-09	7.1E-09
Hexachlorobiphenyl	5.9E-10	1.0E-09	5.9E-10	1.0E-09	7.6E-09	1.3E-08	1.7E-08	2.9E-08	5.9E-10	1.0E-09	7.6E-09	1.3E-08	1.7E-08	2.9E-08	5.9E-10	1.0E-09	7.6E-09	1.3E-08	1.7E-08	2.9E-08
Hexachlorobutadiene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Hydrogen Chloride	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Hydrogen cyanide	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Hydrogen sulfide	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Indeno(1,2,3-cd)pyrene	1.8E-06	1.9E-06	1.8E-06	1.9E-06	2.5E-05	2.8E-05	5.7E-05	6.3E-05	1.8E-06	1.9E-06	2.5E-05	2.8E-05	5.7E-05	6.3E-05	1.8E-06	1.9E-06	2.5E-05	2.8E-05	5.7E-05	6.3E-05
Iron	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Isopropanol	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Isopropylbenzene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Lead	2.4E-07	2.4E-07	2.4E-07	2.4E-07	3.2E-06	3.2E-06	5.1E-06	5.1E-06	2.4E-07	2.4E-07	3.2E-06	3.2E-06	5.1E-06	5.1E-06	2.4E-07	2.4E-07	3.2E-06	3.2E-06	5.1E-06	5.1E-06
m&p-Xylene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Manganese	1.9E-06	1.9E-06	1.9E-06	1.9E-06	2.5E-05	2.5E-05	4.3E-05	4.3E-05	1.9E-06	1.9E-06	2.5E-05	2.5E-05	4.3E-05	4.3E-05	1.9E-06	1.9E-06	2.5E-05	2.5E-05	4.3E-05	4.3E-05
Mercury (+2)	7.5E-08	1.5E-07	7.5E-08	1.5E-07	8.3E-07	1.7E-06	1.7E-06	3.3E-06	7.5E-08	1.5E-07	8.3E-07	1.7E-06	1.7E-06	3.3E-06	7.5E-08	1.5E-07	8.3E-07	1.7E-06	1.7E-06	3.3E-06
Mercury, elemental	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Methyl Isobutyl Ketone	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Methyl Mercury	4.5E-09	8.9E-09	4.5E-09	8.9E-09	6.1E-08	1.2E-07	1.0E-07	2.1E-07	4.5E-09	8.9E-09	6.1E-08	1.2E-07	1.0E-07	2.1E-07	4.5E-09	8.9E-09	6.1E-08	1.2E-07	1.0E-07	2.1E-07
Methylene chloride	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Monochlorobiphenyl	7.9E-09	1.4E-08	7.9E-09	1.4E-08	1.1E-07	1.9E-07	2.6E-07	4.4E-07	7.9E-09	1.4E-08	1.1E-07	1.9E-07	2.6E-07	4.4E-07	7.9E-09	1.4E-08	1.1E-07	1.9E-07	2.6E-07	4.4E-07
Napthalene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
n-Butylbenzene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Nickel	9.5E-09	9.5E-09	9.5E-09	9.5E-09	1.3E-07	1.3E-07	2.2E-07	2.2E-07	9.5E-09	9.5E-09	1.3E-07	1.3E-07	2.2E-07	2.2E-07	9.5E-09	9.5E-09	1.3E-07	1.3E-07	2.2E-07	2.2E-07
Nonachlorobiphenyl	2.3E-11	4.0E-11	2.3E-11	4.0E-11	2.6E-10	4.5E-10	5.2E-10	9.0E-10	2.3E-11	4.0E-11	2.6E-10	4.5E-10	5.2E-10	9.0E-10	2.3E-11	4.0E-11	2.6E-10	4.5E-10	5.2E-10	9.0E-10
NOx (Oxides of Nitrogen)	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
n-Propylbenzene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
OCDD	7.7E-09	1.3E-08	7.7E-09	1.3E-08	1.0E-07	1.8E-07	2.2E-07	3.9E-07	7.7E-09	1.3E-08	1.0E-07	1.8E-07	2.2E-07	3.9E-07	7.7E-09	1.3E-08	1.0E-07	1.8E-07	2.2E-07	3.9E-07
OCDF	3.0E-09	5.2E-09	3.0E-09	5.2E-09	3.8E-08	6.7E-08	8.3E-08	1.4E-07	3.0E-09	5.2E-09	3.8E-08	6.7E-08	8.3E-08	1.4E-07	3.0E-09	5.2E-09	3.8E-08	6.7E-08	8.3E-08	1.4E-07
Octachlorobiphenyl	4.3E-11	7.4E-11	4.3E-11	7.4E-11	5.6E-10	9.7E-10	1.2E-09	2.1E-09	4.3E-11	7.4E-11	5.6E-10	9.7E-10	1.2E-09	2.1E-09	4.3E-11	7.4E-11	5.6E-10	9.7E-10	1.2E-09	2.1E-09
o-Xylene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Total Suspended Particulate	7.0E-03	7.0E-03	7.0E-03	7.0E-03	1.0E-01	1.0E-01	1.9E-01	1.9E-01	7.0E-03	7.0E-03	1.0E-01	1.0E-01	1.9E-01	1.9E-01	7.0E-03	7.0E-03	1.0E-01	1.0E-01	1.9E-01	1.9E-01
p-Chloroaniline	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
p-Chlorotoluene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Pentachlorobiphenyl	2.1E-09	3.7E-09	2.1E-09	3.7E-09	2.6E-08	4.6E-08	5.6E-08	9.6E-08	2.1E-09	3.7E-09	2.6E-08	4.6E-08	5.6E-08	9.6E-08	2.1E-09	3.7E-09	2.6E-08	4.6E-08	5.6E-08	9.6E-08
Perylene	3.1E-08	3.1E-08	3.1E-08	3.1E-08	5.1E-07	5.1E-07	1.2E-06	1.2E-06	3.1E-08	3.1E-08	5.1E-07	5.1E-07	1.2E-06	1.2E-06	3.1E-08	3.1E-08	5.1E-07	5.1E-07	1.2E-06	1.2E-06
Phenanthrene	0.0E+00	0.0E+00	0.0E+00																	



Table G-19: Modeled Soil Exposure Point Calculations Based on a 30-Year ACI Operational Time Frame (mg/kg)

COPC	9-Month Exposure Duration		3-Year Exposure Duration						6-Year Exposure Duration						25-Year Exposure Duration					
	Active Duty Military Commercial/Industrial Worker Inside Camp Justice		Active Duty Military Commercial/Industrial Worker Inside Camp Justice		Adult and Child Resident Outside Camp Justice (Family Members of Active Duty Military Workers)		Active Duty Military Commercial/Industrial Worker Outside Camp Justice		Active Duty Military Commercial/Industrial Worker Inside Camp Justice		Adult and Child Resident Outside Camp Justice (Family Members of Active Duty Military Workers)		Active Duty Military Commercial/Industrial Worker Outside Camp Justice		Commercial/Industrial Worker Inside Camp Justice		Adult Resident Outside Camp Justice		Commercial/Industrial Worker Outside Camp Justice	
	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer
Phosphorus	1.8E-08	1.8E-08	1.8E-08	1.8E-08	2.3E-07	2.3E-07	3.7E-07	3.7E-07	1.8E-08	1.8E-08	2.3E-07	2.3E-07	3.7E-07	3.7E-07	1.8E-08	1.8E-08	2.3E-07	2.3E-07	3.7E-07	3.7E-07
p-Isopropyltoluene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
PM<10	8.9E-03	9.0E-03	8.9E-03	9.0E-03	1.3E-01	1.3E-01	2.5E-01	2.5E-01	8.9E-03	9.0E-03	1.3E-01	1.3E-01	2.5E-01	2.5E-01	8.9E-03	9.0E-03	1.3E-01	1.3E-01	2.5E-01	2.5E-01
PM<2.5	7.4E-03	7.5E-03	7.4E-03	7.5E-03	1.1E-01	1.1E-01	2.1E-01	2.2E-01	7.4E-03	7.5E-03	1.1E-01	1.1E-01	2.1E-01	2.2E-01	7.4E-03	7.5E-03	1.1E-01	1.1E-01	2.1E-01	2.2E-01
Propionaldehyde	5.3E-09	5.3E-09	5.3E-09	5.3E-09	6.0E-08	6.0E-08	1.2E-07	1.2E-07	5.3E-09	5.3E-09	6.0E-08	6.0E-08	1.2E-07	1.2E-07	5.3E-09	5.3E-09	6.0E-08	6.0E-08	1.2E-07	1.2E-07
Pyrene	4.5E-07	5.9E-07	4.5E-07	5.9E-07	6.7E-06	8.7E-06	1.5E-05	2.0E-05	4.5E-07	5.9E-07	6.7E-06	8.7E-06	1.5E-05	2.0E-05	4.5E-07	5.9E-07	6.7E-06	8.7E-06	1.5E-05	2.0E-05
Pyridine	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
sec-Butylbenzene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Selenium	9.4E-11	9.4E-11	9.4E-11	9.4E-11	1.3E-09	1.3E-09	2.2E-09	2.2E-09	9.4E-11	9.4E-11	1.3E-09	1.3E-09	2.2E-09	2.2E-09	9.4E-11	9.4E-11	1.3E-09	1.3E-09	2.2E-09	2.2E-09
Silver	1.7E-06	2.0E-06	1.7E-06	2.0E-06	2.3E-05	2.6E-05	3.7E-05	4.3E-05	1.7E-06	2.0E-06	2.3E-05	2.6E-05	3.7E-05	4.3E-05	1.7E-06	2.0E-06	2.3E-05	2.6E-05	3.7E-05	4.3E-05
Styrene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Sulfur Dioxide	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
tert-Butylbenzene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Tetrachlorobiphenyl	4.3E-10	7.4E-10	4.3E-10	7.4E-10	5.3E-09	9.0E-09	1.1E-08	1.9E-08	4.3E-10	7.4E-10	5.3E-09	9.0E-09	1.1E-08	1.9E-08	4.3E-10	7.4E-10	5.3E-09	9.0E-09	1.1E-08	1.9E-08
Tetrachloroethene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Thallium (Soluble Salts)	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Titanium	1.9E-08	1.9E-08	1.9E-08	1.9E-08	2.7E-07	2.7E-07	4.9E-07	4.9E-07	1.9E-08	1.9E-08	2.7E-07	2.7E-07	4.9E-07	4.9E-07	1.9E-08	1.9E-08	2.7E-07	2.7E-07	4.9E-07	4.9E-07
Toluene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Total Reduced Sulfur	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
trans-1,2-Dichloroethene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
trans-1,3-Dichloropropene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Trichlorobiphenyl	5.2E-10	8.9E-10	5.2E-10	8.9E-10	6.7E-09	1.1E-08	1.4E-08	2.5E-08	5.2E-10	8.9E-10	6.7E-09	1.1E-08	1.4E-08	2.5E-08	5.2E-10	8.9E-10	6.7E-09	1.1E-08	1.4E-08	2.5E-08
Trichloroethene	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Trichlorofluoromethane	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Vinyl chloride	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Zinc	4.3E-07	4.3E-07	4.3E-07	4.3E-07	5.4E-06	5.4E-06	7.8E-06	7.8E-06	4.3E-07	4.3E-07	5.4E-06	5.4E-06	7.8E-06	7.8E-06	4.3E-07	4.3E-07	5.4E-06	5.4E-06	7.8E-06	7.8E-06



Table G-20: Modeled Air Exposure Point Concentrations Based on a 16-year and 30-year ACI Operational Time Frame (ug/m³)

COPC	Camp Justice MPOI¹	Residential Location Outside of Camp Justice MPOI²	Commercial/ Industrial Location Outside of Camp Justice MPOI³
1,1,1,2-Tetrachloroethane	5.9E-07	8.7E-06	1.8E-05
1,1,1-Trichloroethane	5.8E-07	9.5E-06	2.0E-05
1,1-Dichloroethene	1.1E-07	8.8E-07	1.0E-06
1,2,3,4,6,7,8-HpCDD	3.7E-09	6.4E-08	1.4E-07
1,2,3,4,6,7,8-HpCDF	3.8E-09	6.4E-08	1.4E-07
1,2,3,4,7,8,9-HpCDF	4.8E-10	8.4E-09	1.9E-08
1,2,3,4,7,8-HxCDD	4.4E-10	7.8E-09	1.7E-08
1,2,3,4,7,8-HxCDF	3.6E-09	6.3E-08	1.4E-07
1,2,3,6,7,8-HxCDD	9.4E-10	1.6E-08	3.7E-08
1,2,3,6,7,8-HxCDF	1.2E-09	2.1E-08	4.6E-08
1,2,3,7,8,9-HxCDD	1.4E-09	2.5E-08	5.5E-08
1,2,3,7,8,9-HxCDF	9.0E-11	1.6E-09	3.6E-09
1,2,3,7,8-PeCDD	5.7E-10	1.0E-08	2.2E-08
1,2,3,7,8-PeCDF	8.1E-10	1.4E-08	3.2E-08
1,2,3-Trichlorobenzene	2.3E-06	3.8E-05	8.1E-05
1,2,3-Trichloropropane	4.7E-07	3.7E-06	4.2E-06
1,2,4-trichlorobenzene	1.2E-06	1.6E-05	3.3E-05
1,2,4-Trimethylbenzene	2.7E-05	3.7E-04	7.5E-04
1,2-Dibromoethane	3.0E-07	2.3E-06	2.7E-06
1,2-dichlorobenzene	4.8E-07	3.7E-06	4.2E-06
1,2-Dichloroethane	1.2E-05	2.0E-04	4.3E-04
1,3,5-Trimethylbenzene	2.6E-05	3.3E-04	6.3E-04
1,3-Butadiene	0.0E+00	0.0E+00	0.0E+00
1,3-dichlorobenzene	7.1E-07	1.0E-05	2.2E-05
1,3-Dichloropropane	2.9E-07	2.3E-06	2.6E-06
1,4-dichlorobenzene	6.6E-06	1.3E-04	3.0E-04
1,4-Dioxane	0.0E+00	0.0E+00	0.0E+00
1-Methylnaphthalene	1.4E-04	2.6E-03	5.8E-03
1-Methylphenanthrene	1.7E-05	3.1E-04	7.1E-04
2,3,4,6,7,8-HxCDF	1.8E-09	3.2E-08	7.0E-08
2,3,4,7,8-PeCDF	1.8E-09	3.2E-08	7.1E-08
2,3,5-Trimethylnaphthalene	8.5E-06	1.6E-04	3.6E-04
2,3,7,8-TCDD	2.3E-10	3.3E-09	6.7E-09
2,3,7,8-TCDF	8.4E-10	1.5E-08	3.3E-08
2,4-Dimethylphenol	1.0E-04	1.8E-03	4.0E-03
2,4-Dinitrotoluene	0.0E+00	0.0E+00	0.0E+00
2,6-Dimethylnaphthalene	2.3E-05	4.1E-04	9.3E-04
2,6-Dinitrotoluene	0.0E+00	0.0E+00	0.0E+00
2-Butanone	1.4E-04	2.5E-03	5.5E-03
2-Chlorophenol	2.1E-05	3.9E-04	8.9E-04
2-Chlorotoluene	6.5E-06	1.2E-04	2.6E-04
2-Hexanone	3.0E-05	4.7E-04	9.9E-04
2-Methylnaphthalene	1.4E-04	2.5E-03	5.7E-03
2-Methylphenol	2.4E-04	4.4E-03	1.0E-02
2-Nitrophenol	3.3E-05	5.9E-04	1.3E-03
3-Methylphenol & 4-Methylphenol	4.4E-04	8.0E-03	1.8E-02
4-Nitrophenol	5.5E-05	9.2E-04	2.0E-03
Acenaphthylene	8.3E-05	1.5E-03	3.4E-03
Acenaphthene	1.5E-05	2.7E-04	6.1E-04
Acetaldehyde	6.3E-03	9.8E-02	2.1E-01
Acetophenone	5.2E-04	9.2E-03	2.1E-02
Aluminum	0.0E+00	0.0E+00	0.0E+00



Table G-20: Modeled Air Exposure Point Concentrations Based on a 16-year and 30-year ACI Operational Time Frame (ug/m³)

COPC	Camp Justice MPOI¹	Residential Location Outside of Camp Justice MPOI²	Commercial/ Industrial Location Outside of Camp Justice MPOI³
Anthracene	2.7E-05	4.9E-04	1.1E-03
Antimony	4.6E-05	4.9E-04	8.3E-04
Arsenic	2.6E-06	4.0E-05	8.4E-05
Barium	5.5E-04	6.4E-03	1.2E-02
Benzene	3.8E-03	6.5E-02	1.4E-01
Benzo(a)anthracene	1.3E-05	2.5E-04	5.6E-04
Benzo(a)pyrene	5.2E-06	9.3E-05	2.1E-04
Benzo(b)fluoranthene	5.7E-06	1.0E-04	2.2E-04
Benzo(e)pyrene	4.4E-06	7.8E-05	1.7E-04
Benzo(g,h,i)perylene	3.4E-06	6.0E-05	1.3E-04
Benzo(k)fluoranthene	5.1E-08	3.9E-07	4.4E-07
Benzoic acid	2.4E-03	4.3E-02	9.6E-02
Benzyl alcohol	2.0E-05	2.6E-04	5.0E-04
Beryllium	1.9E-07	2.8E-06	5.7E-06
Biphenyl	4.9E-04	8.9E-03	2.0E-02
bis(2-Ethylhexyl) phthalate	8.3E-04	1.4E-02	3.1E-02
Bromobenzene	1.6E-04	1.3E-03	1.4E-03
Bromochloromethane	3.9E-07	3.0E-06	3.4E-06
Bromodichloromethane	4.2E-07	3.2E-06	3.7E-06
Bromoform	0.0E+00	0.0E+00	0.0E+00
Bromomethane	1.7E-05	2.2E-04	4.2E-04
Butyl benzyl phthalate	2.6E-05	4.7E-04	1.1E-03
Cadmium	3.3E-06	5.0E-05	1.0E-04
Carbazole	7.4E-07	5.7E-06	6.3E-06
Carbon dioxide	6.2E-03	9.5E-02	2.0E-01
Carbon disulfide	1.5E-05	1.9E-04	3.5E-04
Carbon monoxide	2.0E-01	3.2E+00	6.8E+00
Carbon tetrachloride	9.5E-07	7.4E-06	8.5E-06
Chlordecone (Kepone)	0.0E+00	0.0E+00	0.0E+00
Chlorobenzene	2.1E-05	3.3E-04	6.9E-04
Chlorodibromomethane	1.0E-05	8.0E-05	9.2E-05
Chloroethane	4.0E-05	6.0E-04	1.3E-03
Chloroform	8.6E-06	7.2E-05	9.5E-05
Chloromethane	1.4E-04	1.8E-03	3.4E-03
Chromium	2.8E-05	4.4E-04	9.3E-04
Chrysene	2.2E-05	4.0E-04	9.0E-04
cis-1,2-Dichloroethene	1.7E-05	1.3E-04	1.5E-04
cis-1,3-Dichloropropene	1.1E-07	8.2E-07	9.5E-07
Cobalt	4.3E-05	3.4E-04	4.2E-04
Copper	7.8E-05	1.2E-03	2.4E-03
DDD	0.0E+00	0.0E+00	0.0E+00
DDE	0.0E+00	0.0E+00	0.0E+00
Dibenze(a,h)anthracene	8.1E-07	1.4E-05	3.2E-05
Dibenzofuran	4.2E-05	7.5E-04	1.7E-03
Dibromomethane	8.9E-07	6.9E-06	7.9E-06
Dichlorobiphenyl	4.1E-07	7.2E-06	1.6E-05
Dichlorodifluoromethane	1.1E-06	8.4E-06	9.7E-06
Dieldrin	0.0E+00	0.0E+00	0.0E+00
Dimethyl phthalate	1.5E-06	1.1E-05	1.3E-05
Di-n-butyl phthalate	4.0E-05	7.2E-04	1.6E-03
Di-n-octyl phthalate	2.8E-06	2.2E-05	2.5E-05
Ethylbenzene	8.6E-04	1.4E-02	3.0E-02



Table G-20: Modeled Air Exposure Point Concentrations Based on a 16-year and 30-year ACI Operational Time Frame (ug/m³)

COPC	Camp Justice MPOI¹	Residential Location Outside of Camp Justice MPOI²	Commercial/ Industrial Location Outside of Camp Justice MPOI³
Fluoranthene	3.3E-05	5.9E-04	1.3E-03
Fluorene	8.2E-05	1.5E-03	3.4E-03
Formaldehyde	2.7E-03	3.9E-02	7.8E-02
Heptachlorobiphenyl	5.6E-09	9.7E-08	2.2E-07
Hexachlorobiphenyl	2.3E-08	3.9E-07	8.6E-07
Hexachlorobutadiene	1.9E-04	1.5E-03	1.7E-03
Hydrogen Chloride	3.7E-03	5.6E-02	1.2E-01
Hydrogen cyanide	7.0E-04	1.2E-02	2.6E-02
Hydrogen sulfide	0.0E+00	0.0E+00	0.0E+00
Indeno(1,2,3-cd)pyrene	2.7E-06	4.8E-05	1.1E-04
Iron	0.0E+00	0.0E+00	0.0E+00
Isopropanol	0.0E+00	0.0E+00	0.0E+00
Isopropylbenzene	6.9E-05	1.0E-03	2.1E-03
Lead	2.6E-05	3.7E-04	7.5E-04
m&p-Xylene	1.6E-04	2.3E-03	4.8E-03
Manganese	2.4E-05	3.6E-04	7.5E-04
Mercury (+2)	1.0E-07	1.6E-06	3.3E-06
Mercury, elemental	4.3E-10	6.6E-09	1.4E-08
Methyl Isobutyl Ketone	1.6E-06	1.2E-05	1.4E-05
Methyl Mercury	0.0E+00	0.0E+00	0.0E+00
Methylene chloride	7.9E-05	1.3E-03	2.7E-03
Monochlorobiphenyl	2.8E-06	5.0E-05	1.1E-04
Napthalene	6.5E-04	1.2E-02	2.6E-02
n-Butylbenzene	3.4E-05	4.4E-04	8.4E-04
Nickel	1.5E-05	2.3E-04	4.7E-04
Nonachlorobiphenyl	7.9E-10	1.2E-08	2.5E-08
NOx (Oxides of Nitrogen)	6.9E-03	9.9E-02	2.0E-01
n-Propylbenzene	4.1E-05	5.8E-04	1.2E-03
OCDD	2.5E-09	4.2E-08	9.3E-08
OCDF	9.3E-10	1.6E-08	3.4E-08
Octachlorobiphenyl	1.7E-09	2.9E-08	6.3E-08
o-Xylene	1.0E-04	1.4E-03	2.9E-03
Total Suspended Particulate	1.0E-01	1.7E+00	3.7E+00
p-Chloroaniline	0.0E+00	0.0E+00	0.0E+00
p-Chlorotoluene	2.4E-06	3.2E-05	6.1E-05
Pentachlorobiphenyl	8.0E-08	1.3E-06	2.8E-06
Perylene	2.0E-06	3.9E-05	8.8E-05
Phenanthrene	1.5E-04	2.8E-03	6.2E-03
Phenol	1.3E-03	2.4E-02	5.3E-02
Phosphorus	1.2E-04	1.6E-03	3.3E-03
p-Isopropyltoluene	1.7E-05	1.7E-04	2.9E-04
PM<10	1.4E-01	2.3E+00	5.0E+00
PM<2.5	1.2E-01	2.0E+00	4.4E+00
Propionaldehyde	7.0E-04	1.1E-02	2.3E-02
Pyrene	3.2E-05	5.8E-04	1.3E-03
Pyridine	1.3E-04	2.3E-03	5.1E-03
sec-Butylbenzene	6.2E-06	8.2E-05	1.6E-04
Selenium	7.6E-07	1.2E-05	2.4E-05
Silver	5.0E-07	7.1E-06	1.4E-05
Styrene	2.2E-03	3.5E-02	7.5E-02
Sulfur Dioxide	1.7E-03	2.3E-02	4.7E-02
tert-Butylbenzene	2.0E-04	1.5E-03	1.8E-03



Table G-20: Modeled Air Exposure Point Concentrations Based on a 16-year and 30-year ACI Operational Time Frame (ug/m³)

COPC	Camp Justice MPOI ¹	Residential Location Outside of Camp Justice MPOI ²	Commercial/ Industrial Location Outside of Camp Justice MPOI ³
Tetrachlorobiphenyl	1.3E-07	2.1E-06	4.6E-06
Tetrachloroethene	5.3E-07	8.0E-06	1.7E-05
Thallium (Soluble Salts)	0.0E+00	0.0E+00	0.0E+00
Titanium	2.7E-07	4.3E-06	9.3E-06
Toluene	1.4E-03	2.3E-02	5.2E-02
Total Reduced Sulfur	1.3E-03	2.4E-02	5.5E-02
trans-1,2-Dichloroethene	3.7E-04	2.9E-03	3.3E-03
trans-1,3-Dichloropropene	1.9E-07	1.4E-06	1.6E-06
Trichlorobiphenyl	1.7E-07	2.8E-06	6.1E-06
Trichloroethene	3.2E-08	2.5E-07	2.8E-07
Trichlorofluoromethane	3.8E-07	3.0E-06	3.4E-06
Vinyl chloride	2.2E-05	2.3E-04	3.8E-04
Zinc	6.0E-04	7.4E-03	1.4E-02

Notes:

COPC: Chemical of Potential Concern

MPOI: Maximum Point of Impingement

¹ Includes 9-month, 3-year and 6-year Adult Active Duty Military Worker, and 25-year Adult Commercial Worker.

² Includes of 3-year and 6-year Adult and Child Family Members of Active Duty Military Workers, and 3-year and 6-year Adult Active Duty Military Workers.

³ 25-year Adult Commercial/Industrial Workers.



Table G-21: Modeled Fish Tissue Exposure Point Concentrations Based on a 16-Year and 30-Year ACI Operational Time Frame (mg/kg)

COPC	16-Year ACI Operational Time Frame								30-Year ACI Operational Time Frame							
	1-Year Exposure Duration		3-Year Exposure Duration		6-Year Exposure Duration		25-Year Exposure Duration		1-Year Exposure Duration		3-Year Exposure Duration		6-Year Exposure Duration		25-Year Exposure Duration	
	Cfish _{td}	Cfish	Cfish _{td}	Cfish	Cfish _{td}	Cfish	Cfish _{td}	Cfish	Cfish _{td}	Cfish	Cfish _{td}	Cfish	Cfish _{td}	Cfish	Cfish _{td}	Cfish
1,1,1,2-Tetrachloroethane	6.61E-15	6.61E-15	6.61E-15	6.61E-15	6.61E-15	6.61E-15	6.61E-15	6.61E-15	6.61E-15	6.61E-15	6.61E-15	6.61E-15	6.61E-15	6.61E-15	6.61E-15	6.61E-15
1,1,1-Trichloroethane	4.32E-16	4.32E-16	4.32E-16	4.32E-16	4.32E-16	4.32E-16	4.32E-16	4.32E-16	4.32E-16	4.32E-16	4.32E-16	4.32E-16	4.32E-16	4.32E-16	4.32E-16	4.32E-16
1,1-Dichloroethane	1.47E-17	1.47E-17	1.47E-17	1.47E-17	1.47E-17	1.47E-17	1.47E-17	1.47E-17	1.47E-17	1.47E-17	1.47E-17	1.47E-17	1.47E-17	1.47E-17	1.47E-17	1.47E-17
1,2,3,4,6,7,8-HpCDD	3.29E-15	2.24E-15	3.29E-15	2.24E-15	3.29E-15	2.24E-15	3.29E-15	2.24E-15	1.01E-15	4.55E-15	3.04E-15	4.55E-15	3.04E-15	4.55E-15	3.04E-15	4.55E-15
1,2,3,4,6,7,8-HpCDF	3.18E-15	2.19E-15	3.18E-15	2.19E-15	3.18E-15	2.19E-15	3.18E-15	2.19E-15	1.03E-15	4.38E-15	2.95E-15	4.38E-15	2.95E-15	4.38E-15	2.95E-15	4.38E-15
1,2,3,4,7,8,9-HpCDF	4.74E-16	3.56E-16	4.74E-16	3.56E-16	4.74E-16	3.56E-16	4.74E-16	3.56E-16	2.18E-16	6.16E-16	4.46E-16	6.16E-16	4.46E-16	6.16E-16	4.46E-16	6.16E-16
1,2,3,4,7,8-HxCDD	3.65E-15	2.69E-15	3.65E-15	2.69E-15	3.65E-15	2.69E-15	3.65E-15	2.69E-15	4.75E-15	4.81E-15	3.42E-15	4.81E-15	3.42E-15	4.81E-15	3.42E-15	4.81E-15
1,2,3,4,7,8-HxCDF	2.51E-14	1.86E-14	2.51E-14	1.86E-14	2.51E-14	1.86E-14	2.51E-14	1.86E-14	1.10E-14	3.29E-14	2.36E-14	3.29E-14	2.36E-14	3.29E-14	2.36E-14	3.29E-14
1,2,3,6,7,8-HxCDD	6.96E-15	5.29E-15	6.96E-15	5.29E-15	6.96E-15	5.29E-15	6.96E-15	5.29E-15	3.33E-15	8.98E-15	6.58E-15	8.98E-15	6.58E-15	8.98E-15	6.58E-15	8.98E-15
1,2,3,6,7,8-HxCDF	9.26E-15	6.92E-15	9.26E-15	6.92E-15	9.26E-15	6.92E-15	9.26E-15	6.92E-15	4.16E-15	1.21E-14	8.72E-15	1.21E-14	8.72E-15	1.21E-14	8.72E-15	1.21E-14
1,2,3,7,8,9-HxCDD	1.02E-14	7.32E-15	1.02E-14	7.32E-15	1.02E-14	7.32E-15	1.02E-14	7.32E-15	3.93E-15	1.37E-14	9.54E-15	1.37E-14	9.54E-15	1.37E-14	9.54E-15	1.37E-14
1,2,3,7,8,9-HxCDF	7.43E-16	5.89E-16	7.43E-16	5.89E-16	7.43E-16	5.89E-16	7.43E-16	5.89E-16	4.09E-16	9.29E-16	7.07E-16	9.29E-16	7.07E-16	9.29E-16	7.07E-16	9.29E-16
1,2,3,7,8-PeCDD	1.86E-14	1.69E-14	1.86E-14	1.69E-14	1.86E-14	1.69E-14	1.86E-14	1.69E-14	1.49E-14	2.07E-14	1.82E-14	2.07E-14	1.82E-14	2.07E-14	1.82E-14	2.07E-14
1,2,3,7,8-PeCDF	2.59E-14	2.37E-14	2.59E-14	2.37E-14	2.59E-14	2.37E-14	2.59E-14	2.37E-14	2.10E-14	2.86E-14	2.54E-14	2.86E-14	2.54E-14	2.86E-14	2.54E-14	2.86E-14
1,2,3-Trichlorobenzene	4.58E-13	4.58E-13	4.58E-13	4.58E-13	4.58E-13	4.58E-13	4.58E-13	4.58E-13	4.58E-13	4.58E-13	4.58E-13	4.58E-13	4.58E-13	4.58E-13	4.58E-13	4.58E-13
1,2,3-Trichloropropane	2.66E-15	2.66E-15	2.66E-15	2.66E-15	2.66E-15	2.66E-15	2.66E-15	2.66E-15	2.66E-15	2.66E-15	2.66E-15	2.66E-15	2.66E-15	2.66E-15	2.66E-15	2.66E-15
1,2,4-Trimethylbenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2,4-trichlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2-Dibromoethane	9.14E-16	9.14E-16	9.14E-16	9.14E-16	9.14E-16	9.14E-16	9.14E-16	9.14E-16	9.14E-16	9.14E-16	9.14E-16	9.14E-16	9.14E-16	9.14E-16	9.14E-16	9.14E-16
1,2-Dichloroethane	2.86E-14	2.86E-14	2.86E-14	2.86E-14	2.86E-14	2.86E-14	2.86E-14	2.86E-14	2.86E-14	2.86E-14	2.86E-14	2.86E-14	2.86E-14	2.86E-14	2.86E-14	2.86E-14
1,2-dichlorobenzene	6.77E-15	6.77E-15	6.77E-15	6.77E-15	6.77E-15	6.77E-15	6.77E-15	6.77E-15	6.77E-15	6.77E-15	6.77E-15	6.77E-15	6.77E-15	6.77E-15	6.77E-15	6.77E-15
1,3,5-Trimethylbenzene	1.49E-13	1.49E-13	1.49E-13	1.49E-13	1.49E-13	1.49E-13	1.49E-13	1.49E-13	1.49E-13	1.49E-13	1.49E-13	1.49E-13	1.49E-13	1.49E-13	1.49E-13	1.49E-13
1,3-Butadiene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,3-Dichloropropane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,3-dichlorobenzene	1.71E-14	1.71E-14	1.71E-14	1.71E-14	1.71E-14	1.71E-14	1.71E-14	1.71E-14	1.71E-14	1.71E-14	1.71E-14	1.71E-14	1.71E-14	1.71E-14	1.71E-14	1.71E-14
1,4-Dioxane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,4-dichlorobenzene	2.27E-13	2.27E-13	2.27E-13	2.27E-13	2.27E-13	2.27E-13	2.27E-13	2.27E-13	2.27E-13	2.27E-13	2.27E-13	2.27E-13	2.27E-13	2.27E-13	2.27E-13	2.27E-13
1-Methylnaphthalene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1-Methylphenanthrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2,3,4,6,7,8-HxCDF	1.33E-14	1.00E-14	1.33E-14	1.00E-14	1.33E-14	1.00E-14	1.33E-14	1.00E-14	6.18E-15	1.72E-14	1.25E-14	1.72E-14	1.25E-14	1.72E-14	1.25E-14	1.72E-14
2,3,4,7,8-PeCDF	4.10E-14	3.67E-14	4.10E-14	3.67E-14	4.10E-14	3.67E-14	4.10E-14	3.67E-14	3.17E-14	4.62E-14	4.00E-14	4.62E-14	4.00E-14	4.62E-14	4.00E-14	4.62E-14
2,3,5-Trimethylnaphthalene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2,3,7,8-TCDD	6.22E-15	5.91E-15	6.22E-15	5.91E-15	6.22E-15	5.91E-15	6.22E-15	5.91E-15	5.54E-15	6.57E-15	6.14E-15	6.57E-15	6.14E-15	6.57E-15	6.14E-15	6.57E-15
2,3,7,8-TCDF	1.98E-14	1.94E-14	1.98E-14	1.94E-14	1.98E-14	1.94E-14	1.98E-14	1.94E-14	1.90E-14	2.02E-14	1.97E-14	2.02E-14	1.97E-14	2.02E-14	1.97E-14	1.97E-14
2,4-Dimethylphenol	6.19E-12	6.19E-12	6.19E-12	6.19E-12	6.19E-12	6.19E-12	6.19E-12	6.19E-12	6.19E-12	6.19E-12	6.19E-12	6.19E-12	6.19E-12	6.19E-12	6.19E-12	6.19E-12
2,4-Dinitrotoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2,6-Dimethylnaphthalene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2,6-Dinitrotoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Butanone	6.01E-12	6.01E-12	6.01E-12	6.01E-12	6.01E-12	6.01E-12	6.01E-12	6.01E-12	6.01E-12	6.01E-12	6.01E-12	6.01E-12	6.01E-12	6.01E-12	6.01E-12	6.01E-12
2-Chlorophenol	3.16E-13	3.16E-13	3.16E-13	3.16E-13	3.16E-13	3.16E-13	3.16E-13	3.16E-13	3.16E-13	3.16E-13	3.16E-13	3.16E-13	3.16E-13	3.16E-13	3.16E-13	3.16E-13
2-Chlorotoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Hexanone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Methylnaphthalene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Methylphenol	1.30E-10	1.30E-10	1.30E-10	1.30E-10	1.30E-10	1.30E-10	1.30E-10	1.30E-10	1.30E-10	1.30E-10	1.30E-10	1.30E-10	1.30E-10	1.30E-10	1.30E-10	1.30E-10
2-Nitrophenol	7.88E-13	7.88E-13	7.88E-13	7.88E-13	7.88E-13	7.88E-13	7.88E-13	7.88E-13	7.88E-13	7.88E-13	7.88E-13	7.88E-13	7.88E-13	7.88E-13	7.88E-13	7.88E-13
3-Methylphenol & 4-Methylphenol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4-Nitrophenol	1.60E-12	1.60E-12	1.60E-12	1.60E-12	1.60E-12	1.60E-12	1.60E-12	1.60E-12	1.60E-12	1.60E-12	1.60E-12	1.60E-12	1.60E-12	1.60E-12	1.60E-12	1.60E-12
Acenaphthylene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acenaphthene	8.33E-12	8.33E-12	8.33E-12	8.33E-12	8.33E-12	8.33E-12	8.33E-12	8.33E-12	8.33E-12	8.33E-12	8.33E-12	8.33E-12	8.33E-12	8.33E-12	8.33E-12	8.33E-12
Acetaldehyde	2.26E-10	2.26E-10	2.26E-10	2.26E-10	2.26E-10	2.26E-10	2.26E-10	2.26E-10	2.26E-10	2.26E-10	2.26E-10	2.26E-10	2.26E-10	2.26E-10	2.26E-10	2.26E-10
Acetophenone	9.72E-12	9.72E-12	9.72E-12	9.72E-12	9.72E-12	9.72E-12	9.72E-12	9.72E-12	9.72E-12	9.72E-12	9.72E-12	9.72E-12	9.72E-12	9.72E-12	9.72E-12	9.72E-12
Aluminum	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Anthracene	1.05E-10	1.05E-10														



Table G-21: Modeled Fish Tissue Exposure Point Concentrations Based on a 16-Year and 30-Year ACI Operational Time Frame (mg/kg)

COPC	16-Year ACI Operational Time Frame								30-Year ACI Operational Time Frame							
	1-Year Exposure Duration		3-Year Exposure Duration		6-Year Exposure Duration		25-Year Exposure Duration		1-Year Exposure Duration		3-Year Exposure Duration		6-Year Exposure Duration		25-Year Exposure Duration	
	Cfish _{td}	Cfish	Cfish _{td}	Cfish	Cfish _{td}	Cfish	Cfish _{td}	Cfish	Cfish _{td}	Cfish	Cfish _{td}	Cfish	Cfish _{td}	Cfish	Cfish _{td}	Cfish
Antimony	3.87E-14	3.87E-14	3.87E-14	3.87E-14	3.87E-14	3.87E-14	3.87E-14	3.87E-14	3.87E-14	3.87E-14	3.87E-14	3.87E-14	3.87E-14	3.87E-14	3.87E-14	3.87E-14
Arsenic	2.00E-12	2.00E-12	2.00E-12	2.00E-12	2.00E-12	2.00E-12	2.00E-12	2.00E-12	5.00E-12	2.00E-12	2.00E-12	2.00E-12	2.00E-12	2.00E-12	2.00E-12	2.00E-12
Barium	5.68E-09	4.51E-09	5.68E-09	4.51E-09	5.68E-09	4.51E-09	5.68E-09	2.96E-09	6.76E-09	5.34E-09	6.76E-09	5.34E-09	6.76E-09	5.34E-09	6.76E-09	5.34E-09
Benzene	4.86E-12	4.86E-12	4.86E-12	4.86E-12	4.86E-12	4.86E-12	4.86E-12	4.86E-12	4.86E-12	4.86E-12	4.86E-12	4.86E-12	4.86E-12	4.86E-12	4.86E-12	4.86E-12
Benzo(a)anthracene	1.52E-08	1.51E-08	1.52E-08	1.51E-08	1.52E-08	1.51E-08	1.52E-08	1.56E-08	1.52E-08	1.51E-08	1.52E-08	1.51E-08	1.52E-08	1.51E-08	1.52E-08	1.51E-08
Benzo(a)pyrene	7.53E-09	7.51E-09	7.53E-09	7.51E-09	7.53E-09	7.51E-09	7.53E-09	8.19E-09	7.53E-09	7.52E-09	7.53E-09	7.52E-09	7.53E-09	7.52E-09	7.53E-09	7.52E-09
Benzo(b)fluoranthene	2.05E-09	2.04E-09	2.05E-09	2.04E-09	2.05E-09	2.04E-09	2.05E-09	2.08E-09	2.05E-09	2.04E-09	2.05E-09	2.04E-09	2.05E-09	2.04E-09	2.05E-09	2.04E-09
Benzo(e)pyrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(g,h,i)perylene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(k)fluoranthene	1.81E-11	1.51E-11	1.81E-11	1.51E-11	1.81E-11	1.51E-11	1.81E-11	9.47E-12	1.93E-11	1.69E-11	1.93E-11	1.69E-11	1.93E-11	1.69E-11	1.93E-11	1.69E-11
Benzoic acid	3.90E-11	3.90E-11	3.90E-11	3.90E-11	3.90E-11	3.90E-11	3.90E-11	3.90E-11	3.90E-11	3.90E-11	3.90E-11	3.90E-11	3.90E-11	3.90E-11	3.90E-11	3.90E-11
Benzyl alcohol	2.40E-14	2.40E-14	2.40E-14	2.40E-14	2.40E-14	2.40E-14	2.40E-14	2.40E-14	2.40E-14	2.40E-14	2.40E-14	2.40E-14	2.40E-14	2.40E-14	2.40E-14	2.40E-14
Beryllium	8.18E-14	8.18E-14	8.18E-14	8.18E-14	8.18E-14	8.18E-14	8.18E-14	1.68E-13	8.18E-14	8.18E-14	8.18E-14	8.18E-14	8.18E-14	8.18E-14	8.18E-14	8.18E-14
Biphenyl	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromochloromethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromodichloromethane	7.73E-16	7.73E-16	7.73E-16	7.73E-16	7.73E-16	7.73E-16	7.73E-16	7.73E-16	7.73E-16	7.73E-16	7.73E-16	7.73E-16	7.73E-16	7.73E-16	7.73E-16	7.73E-16
Bromoform	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromomethane	3.30E-15	3.30E-15	3.30E-15	3.30E-15	3.30E-15	3.30E-15	3.30E-15	3.30E-15	3.30E-15	3.30E-15	3.30E-15	3.30E-15	3.30E-15	3.30E-15	3.30E-15	3.30E-15
Butyl benzyl phthalate	4.32E-10	4.32E-10	4.32E-10	4.32E-10	4.32E-10	4.32E-10	4.32E-10	4.48E-10	4.32E-10	4.32E-10	4.32E-10	4.32E-10	4.32E-10	4.32E-10	4.32E-10	4.32E-10
Cadmium	2.05E-11	2.05E-11	2.05E-11	2.05E-11	2.05E-11	2.05E-11	2.05E-11	4.55E-11	2.05E-11	2.05E-11	2.05E-11	2.05E-11	2.05E-11	2.05E-11	2.05E-11	2.05E-11
Carbazole	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Carbon dioxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Carbon disulfide	3.09E-15	3.09E-15	3.09E-15	3.09E-15	3.09E-15	3.09E-15	3.09E-15	3.09E-15	3.09E-15	3.09E-15	3.09E-15	3.09E-15	3.09E-15	3.09E-15	3.09E-15	3.09E-15
Carbon monoxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Carbon tetrachloride	3.32E-16	3.32E-16	3.32E-16	3.32E-16	3.32E-16	3.32E-16	3.32E-16	3.32E-16	3.32E-16	3.32E-16	3.32E-16	3.32E-16	3.32E-16	3.32E-16	3.32E-16	3.32E-16
Chlordecone (Kepone)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chlorobenzene	1.15E-13	1.15E-13	1.15E-13	1.15E-13	1.15E-13	1.15E-13	1.15E-13	1.15E-13	1.15E-13	1.15E-13	1.15E-13	1.15E-13	1.15E-13	1.15E-13	1.15E-13	1.15E-13
Chlorodibromomethane	4.49E-14	4.49E-14	4.49E-14	4.49E-14	4.49E-14	4.49E-14	4.49E-14	4.49E-14	4.49E-14	4.49E-14	4.49E-14	4.49E-14	4.49E-14	4.49E-14	4.49E-14	4.49E-14
Chloroethane	9.07E-15	9.07E-15	9.07E-15	9.07E-15	9.07E-15	9.07E-15	9.07E-15	9.07E-15	9.07E-15	9.07E-15	9.07E-15	9.07E-15	9.07E-15	9.07E-15	9.07E-15	9.07E-15
Chloroform	6.93E-15	6.93E-15	6.93E-15	6.93E-15	6.93E-15	6.93E-15	6.93E-15	6.93E-15	6.93E-15	6.93E-15	6.93E-15	6.93E-15	6.93E-15	6.93E-15	6.93E-15	6.93E-15
Chloromethane	2.41E-14	2.41E-14	2.41E-14	2.41E-14	2.41E-14	2.41E-14	2.41E-14	2.41E-14	2.41E-14	2.41E-14	2.41E-14	2.41E-14	2.41E-14	2.41E-14	2.41E-14	2.41E-14
Chromium	6.41E-12	5.40E-12	6.41E-12	5.40E-12	6.41E-12	5.40E-12	6.41E-12	3.56E-12	6.86E-12	6.00E-12	6.86E-12	6.00E-12	6.86E-12	6.00E-12	6.86E-12	6.00E-12
Chrysene	2.64E-09	2.60E-09	2.64E-09	2.60E-09	2.64E-09	2.60E-09	2.64E-09	2.48E-09	2.65E-09	2.62E-09	2.65E-09	2.62E-09	2.65E-09	2.62E-09	2.65E-09	2.62E-09
Cobalt	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Copper	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
DDD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
DDE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Di-n-butyl phthalate	4.14E-09	4.14E-09	4.14E-09	4.14E-09	4.14E-09	4.14E-09	4.14E-09	4.15E-09	4.14E-09	4.14E-09	4.14E-09	4.14E-09	4.14E-09	4.14E-09	4.14E-09	4.14E-09
Di-n-octyl phthalate	3.12E-14	3.12E-14	3.12E-14	3.12E-14	3.12E-14	3.12E-14	3.12E-14	4.55E-14	3.12E-14	3.12E-14	3.12E-14	3.12E-14	3.12E-14	3.12E-14	3.12E-14	3.12E-14
Dibenze(a,h)anthracene	3.98E-10	3.66E-10	3.98E-10	3.66E-10	3.98E-10	3.66E-10	3.98E-10	3.70E-10	4.00E-10	3.82E-10	4.00E-10	3.82E-10	4.00E-10	3.82E-10	4.00E-10	3.82E-10
Dibenzofuran	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dibromomethane	1.03E-15	1.03E-15	1.03E-15	1.03E-15	1.03E-15	1.03E-15	1.03E-15	1.03E-15	1.03E-15	1.03E-15	1.03E-15	1.03E-15	1.03E-15	1.03E-15	1.03E-15	1.03E-15
Dichlorobiphenyl	1.50E-11	1.49E-11	1.50E-11	1.49E-11	1.50E-11	1.49E-11	1.50E-11	1.49E-11	1.50E-11	1.50E-11	1.50E-11	1.50E-11	1.50E-11	1.50E-11	1.50E-11	1.50E-11
Dichlorodifluoromethane	1.16E-17	1.16E-17	1.16E-17	1.16E-17	1.16E-17	1.16E-17	1.16E-17	1.16E-17	1.16E-17	1.16E-17	1.16E-17	1.16E-17	1.16E-17	1.16E-17	1.16E-17	1.16E-17
Dieldrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dimethyl phthalate	1.59E-13	1.59E-13	1.59E-13	1.59E-13	1.59E-13	1.59E-13	1.59E-13	1.59E-13	1.59E-13	1.59E-13	1.59E-13	1.59E-13	1.59E-13	1.59E-13	1.59E-13	1.59E-13
Ethylbenzene	3.67E-12	3.67E-12	3.67E-12	3.67E-12	3.67E-12	3.67E-12	3.67E-12	3.67E-12	3.67E-12	3.67E-12	3.67E-12	3.67E-12	3.67E-12	3.67E-12	3.67E-12	3.67E-12
Fluoranthene	6.85E-10	6.85E-10	6.85E-10	6.85E-10	6.85E-10	6.85E-10	6.85E-10	6.89E-10	6.85E-10	6.85E-10	6.85E-10	6.85E-10	6.85E-10	6.85E-10	6.85E-10	6.85E-10
Fluorene	1.50E-10	1.50E-10	1.50E-10	1.50E-10	1.50E-10	1.50E-10	1.50E-10	1.50E-10	1.50E-10	1.50E-10	1.50E-10	1.50E-10	1.50E-10	1.50E-10	1.50E-10	1.50E-10
Formaldehyde	1.12E-09	1.12E-09	1.12E-09	1.12E-09	1.12E-09	1.12E-09	1.12E-09	1.12E-09	1.12E-09	1.12E-09	1.12E-09	1.12E-09	1.12E-09	1.12E-09	1.12E-09	1.12E-09
Heptachlorobiphenyl	5.65E-13	5.62E-13	5.65E-13	5.62E-13	5.65E-13	5.62E-13	5.65E-13	5.58E-13	5.69E-13	5.64E-13	5.69E-13	5.64E-13	5.69E-13	5.64E-13	5.69E-13	5.64E-13
Hexachlorobiphenyl	2.29E-12	2.27E-12	2.29E-12	2.27E-12	2.29E-12	2.27E-12	2.29E-12	2.26E-12	2.30E-12	2.28E-12	2.30E-12	2.28E-12	2.30E-12	2.28E-12	2.30E-12	2.28E-12



Table G-21: Modeled Fish Tissue Exposure Point Concentrations Based on a 16-Year and 30-Year ACI Operational Time Frame (mg/kg)

COPC	16-Year ACI Operational Time Frame								30-Year ACI Operational Time Frame							
	1-Year Exposure Duration		3-Year Exposure Duration		6-Year Exposure Duration		25-Year Exposure Duration		1-Year Exposure Duration		3-Year Exposure Duration		6-Year Exposure Duration		25-Year Exposure Duration	
	Cfish _{td}	Cfish	Cfish _{td}	Cfish	Cfish _{td}	Cfish	Cfish _{td}	Cfish	Cfish _{td}	Cfish	Cfish _{td}	Cfish	Cfish _{td}	Cfish	Cfish _{td}	Cfish
Hexachlorobutadiene	1.66E-11	1.66E-11	1.66E-11	1.66E-11	1.66E-11	1.66E-11	1.66E-11	1.66E-11	1.66E-11	1.66E-11	1.66E-11	1.66E-11	1.66E-11	1.66E-11	1.66E-11	1.66E-11
Hydrogen Chloride	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hydrogen cyanide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hydrogen sulfide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Indeno(1,2,3-cd)pyrene	9.85E-10	9.24E-10	9.85E-10	9.24E-10	9.85E-10	9.24E-10	9.85E-10	1.63E-09	9.86E-10	9.53E-10	9.86E-10	9.53E-10	9.86E-10	9.53E-10	9.86E-10	9.53E-10
Iron	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Isopropanol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Isopropylbenzene	4.82E-15	4.82E-15	4.82E-15	4.82E-15	4.82E-15	4.82E-15	4.82E-15	4.82E-15	4.82E-15	4.82E-15	4.82E-15	4.82E-15	4.82E-15	4.82E-15	4.82E-15	4.82E-15
Lead	1.70E-14	1.70E-14	1.70E-14	1.70E-14	1.70E-14	1.70E-14	1.70E-14	3.49E-14	1.70E-14	1.70E-14	1.70E-14	1.70E-14	1.70E-14	1.70E-14	1.70E-14	1.70E-14
Manganese	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mercury (+2)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mercury, elemental	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methyl Isobutyl Ketone	5.92E-15	5.92E-15	5.92E-15	5.92E-15	5.92E-15	5.92E-15	5.92E-15	5.92E-15	5.92E-15	5.92E-15	5.92E-15	5.92E-15	5.92E-15	5.92E-15	5.92E-15	5.92E-15
Methyl Mercury	2.14E-11	1.60E-11	2.14E-11	1.60E-11	2.14E-11	1.60E-11	2.14E-11	1.06E-11	3.09E-11	2.07E-11	3.09E-11	2.07E-11	3.09E-11	2.07E-11	3.09E-11	2.07E-11
Methylene chloride	6.38E-14	6.38E-14	6.38E-14	6.38E-14	6.38E-14	6.38E-14	6.38E-14	6.38E-14	6.38E-14	6.38E-14	6.38E-14	6.38E-14	6.38E-14	6.38E-14	6.38E-14	6.38E-14
Monochlorobiphenyl	1.05E-10	1.05E-10	1.05E-10	1.05E-10	1.05E-10	1.05E-10	1.05E-10	1.04E-10	1.05E-10	1.05E-10	1.05E-10	1.05E-10	1.05E-10	1.05E-10	1.05E-10	1.05E-10
NOx (Oxides of Nitrogen)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Napthalene	6.89E-11	6.89E-11	6.89E-11	6.89E-11	6.89E-11	6.89E-11	6.89E-11	6.89E-11	6.89E-11	6.89E-11	6.89E-11	6.89E-11	6.89E-11	6.89E-11	6.89E-11	6.89E-11
Nickel	8.18E-12	8.18E-12	8.18E-12	8.18E-12	8.18E-12	8.18E-12	8.18E-12	1.84E-11	8.18E-12	8.18E-12	8.18E-12	8.18E-12	8.18E-12	8.18E-12	8.18E-12	8.18E-12
Nonachlorobiphenyl	7.06E-14	7.01E-14	7.06E-14	7.01E-14	7.06E-14	7.01E-14	7.06E-14	6.95E-14	7.12E-14	7.05E-14	7.12E-14	7.05E-14	7.12E-14	7.05E-14	7.12E-14	7.05E-14
OCDD	4.41E-17	3.00E-17	4.41E-17	3.00E-17	4.41E-17	3.00E-17	4.41E-17	1.34E-17	6.12E-17	4.09E-17	6.12E-17	4.09E-17	6.12E-17	4.09E-17	6.12E-17	4.09E-17
OCDF	1.64E-17	1.11E-17	1.64E-17	1.11E-17	1.64E-17	1.11E-17	1.64E-17	4.90E-18	2.28E-17	1.52E-17	2.28E-17	1.52E-17	2.28E-17	1.52E-17	2.28E-17	1.52E-17
Octachlorobiphenyl	1.68E-13	1.67E-13	1.68E-13	1.67E-13	1.68E-13	1.67E-13	1.68E-13	1.66E-13	1.69E-13	1.68E-13	1.69E-13	1.68E-13	1.69E-13	1.68E-13	1.69E-13	1.68E-13
PM<10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PM<2.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total Suspended Particulate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pentachlorobiphenyl	7.62E-12	7.57E-12	7.62E-12	7.57E-12	7.62E-12	7.57E-12	7.62E-12	7.51E-12	7.68E-12	7.61E-12	7.68E-12	7.61E-12	7.68E-12	7.61E-12	7.68E-12	7.61E-12
Perylene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Phenanthrene	7.20E-10	7.20E-10	7.20E-10	7.20E-10	7.20E-10	7.20E-10	7.20E-10	7.20E-10	7.20E-10	7.20E-10	7.20E-10	7.20E-10	7.20E-10	7.20E-10	7.20E-10	7.20E-10
Phenol	3.63E-10	3.63E-10	3.63E-10	3.63E-10	3.63E-10	3.63E-10	3.63E-10	3.63E-10	3.63E-10	3.63E-10	3.63E-10	3.63E-10	3.63E-10	3.63E-10	3.63E-10	3.63E-10
Phosphorus	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Propionaldehyde	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pyrene	4.98E-10	4.98E-10	4.98E-10	4.98E-10	4.98E-10	4.98E-10	4.98E-10	4.96E-10	4.98E-10	4.98E-10	4.98E-10	4.98E-10	4.98E-10	4.98E-10	4.98E-10	4.98E-10
Pyridine	1.89E-11	1.89E-11	1.89E-11	1.89E-11	1.89E-11	1.89E-11	1.89E-11	1.89E-11	1.89E-11	1.89E-11	1.89E-11	1.89E-11	1.89E-11	1.89E-11	1.89E-11	1.89E-11
Selenium	6.80E-13	6.80E-13	6.80E-13	6.80E-13	6.80E-13	6.80E-13	6.80E-13	3.15E-12	6.80E-13	6.80E-13	6.80E-13	6.80E-13	6.80E-13	6.80E-13	6.80E-13	6.80E-13
Silver	5.15E-13	4.70E-13	5.15E-13	4.70E-13	5.15E-13	4.70E-13	5.15E-13	4.01E-13	5.18E-13	4.92E-13	5.18E-13	4.92E-13	5.18E-13	4.92E-13	5.18E-13	4.92E-13
Styrene	2.30E-11	2.30E-11	2.30E-11	2.30E-11	2.30E-11	2.30E-11	2.30E-11	2.30E-11	2.30E-11	2.30E-11	2.30E-11	2.30E-11	2.30E-11	2.30E-11	2.30E-11	2.30E-11
Sulfur Dioxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tetrachlorobiphenyl	4.45E-12	4.45E-12	4.45E-12	4.45E-12	4.45E-12	4.45E-12	4.45E-12	4.45E-12	4.46E-12	4.45E-12	4.46E-12	4.45E-12	4.46E-12	4.45E-12	4.46E-12	4.45E-12
Tetrachloroethene	1.63E-15	1.63E-15	1.63E-15	1.63E-15	1.63E-15	1.63E-15	1.63E-15	1.63E-15	1.63E-15	1.63E-15	1.63E-15	1.63E-15	1.63E-15	1.63E-15	1.63E-15	1.63E-15
Thallium (Soluble Salts)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Titanium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Toluene	3.87E-12	3.87E-12	3.87E-12	3.87E-12	3.87E-12	3.87E-12	3.87E-12	3.87E-12	3.87E-12	3.87E-12	3.87E-12	3.87E-12	3.87E-12	3.87E-12	3.87E-12	3.87E-12
Total Reduced Sulfur	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Trichlorobiphenyl	5.83E-12	5.82E-12	5.83E-12	5.82E-12	5.83E-12	5.82E-12	5.83E-12	5.82E-12	5.83E-12	5.83E-12	5.83E-12	5.83E-12	5.83E-12	5.83E-12	5.83E-12	5.83E-12
Trichloroethene	1.67E-17	1.67E-17	1.67E-17	1.67E-17	1.67E-17	1.67E-17	1.67E-17	1.67E-17	1.67E-17	1.67E-17	1.67E-17	1.67E-17	1.67E-17	1.67E-17	1.67E-17	1.67E-17
Trichlorofluoromethane	2.58E-17	2.58E-17	2.58E-17	2.58E-17	2.58E-17	2.58E-17	2.58E-17	2.58E-17	2.58E-17	2.58E-17	2.58E-17	2.58E-17	2.58E-17	2.58E-17	2.58E-17	2.58E-17
Vinyl chloride	1.18E-15	1.18E-15	1.18E-15	1.18E-15	1.18E-15	1.18E-15	1.18E-15	1.18E-15	1.18E-15	1.18E-15	1.18E-15	1.18E-15	1.18E-15	1.18E-15	1.18E-15	1.18E-15
Zinc	1.01E-08	1.01E-08	1.01E-08	1.01E-08	1.01E-08	1.01E-08	1.01E-08	2.27E-08	1.01E-08	1.01E-08	1.01E-08	1.01E-08	1.01E-08	1.01E-08	1.01E-08	1.01E-08
bis(2-Ethylhexyl) phthalate	1.21E-09	1.21E-09	1.21E-09	1.21E-09	1.21E-09	1.21E-09	1.21E-09	1.72E-09	1.21E-09	1.21E-09	1.21E-09	1.21E-09	1.21E-09	1.21E-09	1.21E-09	1.21E-09
cis-1,2-Dichloroethene	9.36E-15	9.36E-15	9.36E-15	9.36E-15	9.36E-15	9.36E-15	9.36E-15	9.36E-15	9.36E-15	9.36E-15	9.36E-15	9.36E-15	9.36E-15	9.36E-15	9.36E-15	9.36E-15
cis-1,3-Dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
m&p-Xylene	5.80E-13	5.80E-13	5.80E-13	5.80E-13	5.80E-13	5.80E-13	5.80E-13	5.80E-13	5.80E-13	5.80E-13	5.80E-13	5.80E-13	5.80E-13	5.80E-13	5.80E-13	5.80E-13



Table G-21: Modeled Fish Tissue Exposure Point Concentrations Based on a 16-Year and 30-Year ACI Operational Time Frame (mg/kg)

COPC	16-Year ACI Operational Time Frame								30-Year ACI Operational Time Frame							
	1-Year Exposure Duration		3-Year Exposure Duration		6-Year Exposure Duration		25-Year Exposure Duration		1-Year Exposure Duration		3-Year Exposure Duration		6-Year Exposure Duration		25-Year Exposure Duration	
	Cfish _{td}	Cfish	Cfish _{td}	Cfish	Cfish _{td}	Cfish	Cfish _{td}	Cfish	Cfish _{td}	Cfish	Cfish _{td}	Cfish	Cfish _{td}	Cfish	Cfish _{td}	Cfish
n-Butylbenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
n-Propylbenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
o-Xylene	6.81E-13	6.81E-13	6.81E-13	6.81E-13	6.81E-13	6.81E-13	6.81E-13	6.81E-13	6.81E-13	6.81E-13	6.81E-13	6.81E-13	6.81E-13	6.81E-13	6.81E-13	6.81E-13
p-Chloroaniline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
p-Chlorotoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
p-Isopropyltoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
sec-Butylbenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
tert-Butylbenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
trans-1,2-Dichloroethene	1.45E-13	1.45E-13	1.45E-13	1.45E-13	1.45E-13	1.45E-13	1.45E-13	1.45E-13	1.45E-13	1.45E-13	1.45E-13	1.45E-13	1.45E-13	1.45E-13	1.45E-13	1.45E-13
trans-1,3-Dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Notes:

Cfish: Concentration of COPC in fish

Cfish_{td}: Concentration of COPC in fish at time tD (typically end of deposition period)



Table G-22: Unitized ACI Emission Rates Used in Model Calculations

Definition	Inside of Camp Justice		Outside of Camp Justice Residential Area		Outside of Camp Justice Workplace		Watershed for Evaluation of Fish Consumption		Source
	Day	Night	Day	Night	Day	Night	Day	Night	
Unitized yearly average dry deposition for particle-bound COPCs (g/m ² /year)/(g/s)	4.80E-04	3.40E-04	5.21E-03	6.08E-03	5.50E-03	1.47E-02	7.30E-03	5.99E-03	Air Modeling presented in Chapter 2 and Appendix E.
Unitized yearly average dry deposition for particle-phase COPCs (g/m ² /year)/(g/s)	1.80E-04	1.20E-04	1.17E-03	2.25E-03	1.42E-03	5.62E-03	1.20E-03	1.60E-03	
Unitized yearly average wet deposition for particle-bound COPCs (g/m ² /year)/(g/s)	3.00E-05	3.00E-05	5.70E-04	5.10E-04	9.40E-04	6.50E-04	2.92E-04	2.07E-04	
Unitized yearly average wet deposition for particle-phase COPCs (g/m ² /year)/(g/s)	0.00E+00	0.00E+00	2.00E-05	2.00E-05	4.00E-05	3.00E-05	1.10E-05	9.00E-06	
Unitized yearly average air concentration from particle-bound COPCs (µg/m ³)/(g/s)	1.10E-02	2.09E-02	8.34E-02	4.20E-01	9.60E-02	9.76E-01	4.40E-02	2.18E-01	
Unitized yearly average air concentration from particle-phase COPCs (µg/m ³)/(g/s)	1.10E-02	2.10E-02	8.20E-02	4.15E-01	9.20E-02	9.66E-01	4.40E-02	2.16E-01	
Unitized yearly average air concentration from vapor-phase COPCs (µg/m ³)/(g/s)	1.08E-02	2.09E-02	8.33E-02	4.16E-01	9.58E-02	9.67E-01	4.40E-02	2.17E-01	



Table G-23: Inputs for Soil, Air, and Fish Tissue Used in Model Calculations

Parameter	Definition	Units	Value	Source
a	Empirical intercept coefficient	unitless	1.4	USEPA 2005
A	Area of affected soils for volatile decay model	m ²	16,886,978	calculated
b	Empirical slope coefficient	unitless	0.13	USEPA 2005
BD	Soil bulk density	g/cm ³	1.5	USEPA 2005
C	USLE cover management factor	unitless	1.0	USEPA 2005
Cbs	Bed sediment concentration	g/cm ³	1.0	USEPA 2005
Cd	Drag coefficient	unitless	0.0011	USEPA 2005
dbs	Depth of upper benthic layer	m	0.030	USEPA 2005
dwc	Depth of water column	m	4.6	Naval Oceanographic Office
ER	COPC enrichment ratio	unitless	3.0	USEPA 2005
EV	Average annual evapotranspiration	cm/year	55	MODIS Global Evapotranspiration Project
flipid	Fish lipid content	fraction	0.030	USEPA 2005
I	Average annual irrigation	cm/year	0.0	USEPA 2005
K	USLE erodibility factor	ton/acre	0.39	USEPA 2005
k	von Karman's constant	unitless	0.40	USEPA 2005
LS	USLE length-slope factor	unitless	1.5	USEPA 2005
Obs	Bed sediment porosity	L water/L	0.60	USEPA 2005
Ocsed	Fraction organic carbon	unitless	0.040	USEPA 2005
Osw	Volumetric water content	mL/cm ³	0.20	USEPA 2005
P	Precipitation	cm/year	62	Weather Station MUGM
Pa	Density of air corresponding to water temperature	g/cm ³	0.0012	USEPA 2005
PF	USLE supporting practice factor	unitless	1.0	USEPA 2005
Ps	Solids particle density	g/cm ³	2.7	USEPA 2005
Pw	Density of water	g/cm ³	1.0	USEPA 2005
R	Universal gas constant	atm-m ³ /mol-k	0.000082	USEPA 2005
RF	Erosivity factor	yr ⁻¹	175	HHRAP and Hahn, Barfield and Hayes (1981)
RO	Average annual surface runoff	cm/year	5.0	Water Atlas of the United States; SE TX value
T1	Time period at beginning of combustion	years	16	Site-Specific
T2	Length of exposure duration	years	Adult: 9 mo., 3 yr, 6 yr, 25 yr. Child: 3 yr, 6 yr	Site-Specific
Ta	Air temperature	°K	299	Weather Station MUGM
tD	Total time period over which deposition has occurred	years	16,30	Site-Specific
theta	Temperature correction factor	unitless	1.0	USEPA 2005
TSS	Total suspended solids	mg/L	10.0	USEPA 2005
Tw	Waterbody temperature	°K	303	NOAA Station ID 42058
Twc	Water temperature	°C	30	Convert C22
u	Current velocity	m/s	0.0000085	NOAA study
Vfx	Average volumetric flow rate through water body	m ³ /year	3.0E+15	Calculated Value Based on: WAw * u *(60 sec/min*60 min/hr*24 hr/day *365 day/yr)
W	Wind velocity 10 m above water body	m/s	4.3	Weather Station
W	Average annual wind speed	m/s	4.3	Weather Station MUGM
WAI	Impervious watershed area receiving pollutant deposition	m ²	348,343	Calculated
WAI	Total watershed area receiving pollutant deposition	m ²	23,132,847	Calculated
WAw	Water body area	m ²	44,793,394	Calculated
Zs	Soil mixing zone depth	cm	2.0	USEPA 2005
λz	Dimensionless viscous sublayer thickness	unitless	4.0	USEPA 2005
μa	Viscosity of air	g/cm-s	0.00018	USEPA 2005
μw	Viscosity of water corresponding to water temperature	g/cm-s	0.017	USEPA 2005

Notes:

NOAA: National Oceanic and Atmospheric Administration



Table G-24: Chemical/Physical Properties/Constants Used in Model Calculations

COPC	ABS _d	VF	Kds	Kdsw	Kdbs	BCF _{fish}	BAF _{fish}	BSAF	Fv	H	ksg	Da	Dw	Log Kow	Koc
	(unitless)	(m ³ /kg)	mL water/g soil	L water/kg suspended sediment	L water/kg bottom sediment	unitless	L/kg FW Tissue	unitless	unitless	(atm-m ³)/mol	yr ⁻¹	cm ² /sec	cm ² /sec	L/kg	L/kg
1,1,1,2-Tetrachloroethane	No Value	5.7E+03	3.0E+00	2.3E+01	1.2E+01	43	No Value	No Value	1.0	2.4E-03	3.8	7.1E-02	7.9E-06	3.0	3.0E+02
1,1,1-Trichloroethane	No Value	1.7E+03	2.2E-01	1.0E+01	5.4E+00	17	No Value	No Value	1.0	1.7E-02	0.93	7.8E-02	8.8E-06	2.5	1.4E+01
1,1-Dichloroethene	No Value	1.2E+03	1.2E-01	4.9E+00	2.6E+00	8.3	No Value	No Value	1.0	2.6E-02	1.4	9.0E-02	1.0E-05	2.1	6.5E+01
1,2,3,4,6,7,8-HpCDD	3.0E-02	No Value	6.2E+05	4.6E+06	2.5E+06	2,754	No Value	0.0050	0.0030	1.2E-05	0.030	9.0E-02	8.0E-06	8.0	6.2E+07
1,2,3,4,6,7,8-HpCDF	3.0E-02	No Value	1.5E+05	1.2E+06	6.2E+05	18,281	No Value	0.0050	0.010	1.4E-05	0.030	2.0E-02	8.0E-06	7.4	1.5E+07
1,2,3,4,7,8,9-HpCDF	3.0E-02	No Value	1.5E+05	1.2E+06	6.2E+05	18,281	No Value	0.0050	0.057	1.4E-05	0.030	2.0E-02	8.0E-06	7.4	1.5E+07
1,2,3,4,7,8-HxCDD	3.0E-02	No Value	3.9E+05	2.9E+06	1.6E+06	5,176	No Value	0.040	0.024	1.1E-05	0.030	9.4E-02	8.0E-06	7.8	3.9E+07
1,2,3,4,7,8-HxCDF	3.0E-02	No Value	6.2E+04	4.6E+05	2.5E+05	48,977	No Value	0.040	0.049	1.4E-05	0.030	2.1E-02	8.0E-06	7.0	6.2E+06
1,2,3,6,7,8-HxCDD	3.0E-02	No Value	6.2E+04	4.6E+05	2.5E+05	48,977	No Value	0.040	0.052	7.3E-06	0.030	2.1E-02	8.0E-06	7.0	6.2E+06
1,2,3,6,7,8-HxCDF	3.0E-02	No Value	1.2E+05	9.2E+05	4.9E+05	25,100	No Value	0.040	0.029	1.1E-05	0.030	9.4E-02	8.0E-06	7.3	1.2E+07
1,2,3,7,8,9-HxCDD	3.0E-02	No Value	1.2E+05	9.2E+05	4.9E+05	25,100	No Value	0.040	0.016	1.1E-05	0.030	9.4E-02	8.0E-06	7.3	1.2E+07
1,2,3,7,8,9-HxCDF	3.0E-02	No Value	6.2E+04	4.6E+05	2.5E+05	48,977	No Value	0.040	0.090	1.1E-05	0.030	2.1E-02	8.0E-06	7.0	6.2E+06
1,2,3,7,8-PeCDD	3.0E-02	No Value	2.7E+04	2.0E+05	1.1E+05	25,870	No Value	0.090	0.12	2.6E-06	0.030	9.9E-02	8.0E-06	6.6	2.7E+06
1,2,3,7,8-PeCDF	3.0E-02	No Value	3.8E+04	2.9E+05	1.5E+05	33,752	No Value	0.090	0.27	5.0E-06	0.030	2.2E-02	8.0E-06	6.8	3.8E+06
1,2,3-Trichlorobenzene	No Value	3.2E+04	1.9E+01	1.4E+02	7.7E+01	262	345	No Value	1.0	1.3E-03	No Value	1.0E-03	1.0E-05	4.1	1.9E+03
1,2,3-Trichloropropane	No Value	1.6E+04	1.4E-01	3.5E+00	1.8E+00	6.9	No Value	No Value	1.0	4.1E-04	0.70	7.1E-02	7.9E-06	2.0	4.6E+01
1,2,4-trichlorobenzene	No Value	3.0E+04	3.6E+00	1.2E+02	6.6E+01	240	No Value	No Value	1.0	1.4E-03	1.4	3.0E-02	8.2E-06	4.0	1.7E+03
1,2,4-Trimethylbenzene	No Value	7.9E+03	6.1E+00	4.6E+01	2.5E+01	No Value	No Value	No Value	1.0	6.2E-03	No Value	6.1E-02	7.9E-06	3.6	6.1E+02
1,2-Dibromoethane	No Value	8.6E+03	8.5E-02	6.9E+00	3.7E+00	6.9	No Value	No Value	1.0	7.4E-04	1.4	1.0E-03	1.0E-05	2.0	9.3E+01
1,2-dichlorobenzene	No Value	1.2E+04	3.8E+00	2.8E+01	1.5E+01	80	No Value	No Value	1.0	1.9E-03	1.4	6.9E-02	7.9E-06	3.4	3.8E+02
1,2-Dichloroethane	No Value	4.6E+03	3.5E-02	2.9E+00	1.5E+00	2.9	No Value	No Value	1.0	9.8E-04	1.4	1.0E-01	9.9E-06	1.5	3.8E+01
1,3,5-Trimethylbenzene	No Value	6.6E+03	6.1E+00	4.6E+01	2.4E+01	86	No Value	No Value	1.0	8.8E-03	No Value	6.0E-02	8.7E-06	3.4	6.1E+02
1,3-Butadiene	No Value	8.7E+02	4.0E-01	3.0E+00	1.6E+00	No Value	No Value	No Value	No Value	7.4E-02	No Value	1.0E-01	1.0E-05	2.0	4.0E+01
1,3-dichlorobenzene	No Value	No Value	8.5E+00	6.4E+01	3.4E+01	118	No Value	No Value	1.0	3.1E-03	1.4	6.9E-02	7.9E-06	3.6	8.5E+02
1,3-Dichloropropane	No Value	6.8E+03	7.2E-01	5.4E+00	2.9E+00	No Value	No Value	No Value	1.0	9.8E-04	No Value	7.4E-02	9.8E-06	2.0	7.2E+01
1,4-dichlorobenzene	No Value	1.0E+04	1.2E+00	4.6E+01	2.5E+01	99	No Value	No Value	1.0	2.4E-03	1.4	6.9E-02	7.9E-06	3.5	6.2E+02
1,4-Dioxane	No Value	4.0E+04	1.0E-02	4.0E-02	2.0E-02	3.2	No Value	No Value	1.0	4.8E-06	1.4	2.3E-01	1.0E-05	No Value	5.4E-01
1-Methylnaphthalene	1.3E-01	5.9E+04	2.0E-02	1.5E-01	8.0E-02	No Value	No Value	No Value	No Value	5.1E-04	No Value	5.3E-02	7.8E-06	3.9	2.5E+03
1-Methylphenanthrene	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value
2,3,4,6,7,8-HxCDF	3.0E-02	No Value	6.2E+04	4.6E+05	2.5E+05	48,977	No Value	0.040	0.055	1.1E-05	0.030	2.1E-02	8.0E-06	7.0	6.2E+06
2,3,4,7,8-PeCDF	3.0E-02	No Value	1.9E+04	1.5E+05	7.8E+04	20,183	No Value	0.090	0.22	5.0E-06	0.030	2.2E-02	8.0E-06	6.5	1.9E+06
2,3,5-Trimethylnaphthalene	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value
2,3,7,8-TCDD	3.0E-02	2.0E+06	3.9E+04	2.9E+05	1.6E+05	34,400	No Value	0.090	0.66	3.3E-05	0.030	1.0E-01	5.6E-06	6.8	3.9E+06
2,3,7,8-TCDF	3.0E-02	No Value	7.8E+03	5.8E+04	3.1E+04	9,931	No Value	0.090	0.77	1.4E-05	0.030	2.4E-02	6.0E-06	6.1	7.8E+05
2,4-Dimethylphenol	1.0E-01	No Value	3.2E+01	1.4E+01	7.3E+00	12	No Value	No Value	1.0	2.0E-06	36	1.0E-03	1.0E-05	2.3	1.8E+02
2,4-Dinitrotoluene	1.0E-01	No Value	8.8E-01	6.6E+00	3.5E+00	6.7	No Value	No Value	1.0	9.3E-08	1.4	2.0E-01	7.1E-06	2.0	8.8E+01
2,6-Dimethylnaphthalene	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value
2,6-Dinitrotoluene	9.9E-02	No Value	4.9E-01	3.7E+00	2.0E+00	4.2	No Value	No Value	1.0	7.5E-07	1.4	1.0E-03	1.0E-05	1.7	4.9E+01
2-Butanone	No Value	1.2E+04	2.9E-01	1.4E-01	8.0E-02	3.2	No Value	No Value	1.0	5.6E-05	36	8.1E-02	9.8E-06	0.29	1.9E+00
2-Chlorophenol	No Value	1.4E+05	3.9E+00	2.9E+01	1.6E+01	9.0	No Value	No Value	1.0	3.9E-04	No Value	1.0E-03	1.0E-05	2.2	3.9E+02
2-Chlorotoluene	No Value	8.1E+03	3.8E+00	2.9E+01	1.5E+01	No Value	No Value	No Value	1.0	3.6E-03	No Value	6.3E-02	8.7E-06	3.4	3.8E+02
2-Hexanone	No Value	1.3E+04	1.5E-01	1.1E+00	6.0E-01	No Value	No Value	No Value	1.0	9.3E-05	No Value	7.0E-02	8.4E-06	1.4	1.5E+01
2-Methylnaphthalene	1.3E-01	5.8E+04	2.0E-02	1.5E-01	8.0E-02	No Value	No Value	No Value	No Value	5.2E-04	1.8	5.2E-02	7.8E-06	3.9	2.5E+03
2-Methylphenol	1.0E-01	No Value	8.3E-01	6.2E+00	3.3E+00	6.3	No Value	No Value	1.0	1.2E-06	36	7.4E-02	8.3E-06	2.0	8.3E+01



Table G-24: Chemical/Physical Properties/Constants Used in Model Calculations

COPC	ABS _d	VF	Kds	Kdsw	Kdbs	BCF _{fish}	BAF _{fish}	BSAF	Fv	H	ksg	Da	Dw	Log Kow	Koc
	(unitless)	(m ³ /kg)	mL water/g soil	L water/kg suspended sediment	L water/kg bottom sediment	unitless	L/kg FW Tissue	unitless	unitless	(atm-m ³)/mol	yr ⁻¹	cm ² /sec	cm ² /sec	L/kg	L/kg
2-Nitrophenol	No Value	No Value	5.8E-01	4.3E+00	2.3E+00	4.8	No Value	No Value	1.0	9.5E-06	9.0	1.0E-03	1.0E-05	1.8	5.8E+01
3-Methylphenol & 4-Methylphenol	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value
4-Nitrophenol	No Value	No Value	7.5E-01	5.7E+00	3.0E+00	5.9	No Value	No Value	1.0	4.2E-10	209	1.0E-03	1.0E-05	1.9	7.5E+01
Acenaphthylene	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	1.8	No Value	No Value	No Value	No Value
Acenaphthene	1.3E-01	1.4E+05	1.1E+03	3.7E+02	2.0E+02	201	No Value	No Value	1.0	1.6E-04	2.5	1.0E-03	1.0E-05	3.9	4.9E+03
Acetaldehyde	No Value	8.7E+03	6.0E-03	5.0E-02	2.0E-02	3.2	No Value	No Value	1.0	7.9E-05	No Value	1.2E-01	1.4E-05	No Value	6.1E-01
Acetophenone	No Value	6.0E+04	3.6E-01	2.7E+00	1.4E+00	0.48	No Value	No Value	1.0	1.1E-05	No Value	6.0E-02	8.7E-06	1.6	3.6E+01
Aluminum	No Value	No Value	1.5E+03	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value
Anthracene	1.3E-01	5.2E+05	4.5E+03	1.8E+03	9.4E+02	582	1,028	No Value	1.0	6.5E-05	0.55	1.0E-03	1.0E-05	4.5	2.4E+04
Antimony	No Value	No Value	4.5E+01	4.5E+01	4.5E+01	40	No Value	No Value	1.0	2.5E-02	No Value	7.7E-02	9.6E-06	0.73	No Value
Arsenic	3.0E-02	No Value	2.9E+01	2.9E+01	2.9E+01	114	No Value	No Value	0.0060	7.7E-01	No Value	7.7E-02	9.6E-06	0.68	No Value
Barium	No Value	No Value	4.1E+01	4.1E+01	4.1E+01	633	No Value	No Value	0.0090	No Value	No Value	7.7E-02	9.6E-06	0.23	No Value
Benzene	No Value	3.5E+03	1.2E-01	4.6E+00	2.5E+00	8.3	No Value	No Value	1.0	5.6E-03	16	8.8E-02	1.0E-05	2.1	6.2E+01
Benzo(a)anthracene	1.3E-01	4.4E+06	6.0E+04	2.7E+04	1.4E+04	4,886	49,887	No Value	0.48	3.4E-06	0.37	5.1E-02	9.0E-06	5.7	3.6E+05
Benzo(a)pyrene	1.3E-01	No Value	1.6E+05	7.3E+04	3.9E+04	8,318	133,049	No Value	0.29	1.1E-06	0.48	4.3E-02	9.0E-06	6.0	9.7E+05
Benzo(b)fluoranthene	1.3E-01	No Value	1.0E+04	7.9E+04	4.2E+04	10,400	206,294	No Value	0.97	1.1E-04	0.41	1.0E-03	1.0E-05	6.1	1.0E+06
Benzo(e)pyrene	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	1.8	No Value	No Value	No Value	No Value
Benzo(g,h,i)perylene	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	1.8	No Value	No Value	No Value	No Value
Benzo(k)fluoranthene	1.3E-01	No Value	1.9E+05	7.4E+04	4.0E+04	9,930	176,606	No Value	0.27	8.3E-07	0.12	1.0E-03	1.0E-05	6.1	9.9E+05
Benzoic acid	1.0E-01	No Value	6.0E-03	5.0E-02	2.4E-02	3.2	No Value	No Value	1.0	2.9E-06	No Value	1.0E-03	8.0E-06	1.9	6.0E-01
Benzyl alcohol	1.0E-01	No Value	1.2E-01	9.0E-01	4.8E-01	0.31	No Value	No Value	1.0	3.4E-07	No Value	1.0E-03	1.0E-05	1.1	1.2E+01
Beryllium	No Value	No Value	7.9E+02	7.9E+02	7.9E+02	62	No Value	No Value	0.0090	1.5E-02	No Value	7.7E-02	9.6E-06	No Value	No Value
Biphenyl	No Value	1.1E+05	5.0E-02	3.8E-01	2.0E-01	No Value	No Value	No Value	No Value	3.1E-04	No Value	4.7E-02	7.6E-06	4.0	5.1E+03
bis(2-Ethylhexyl) phthalate	1.0E-01	No Value	2.3E+06	8.3E+03	4.4E+03	53	194	No Value	0.13	1.0E-07	11	3.5E-02	3.7E-06	5.1	1.1E+05
Bromobenzene	No Value	8.4E+03	2.3E+00	1.8E+01	9.4E+00	No Value	No Value	No Value	1.0	2.5E-03	No Value	5.4E-02	9.3E-06	3.0	2.3E+02
Bromochloromethane	No Value	3.6E+03	2.2E-01	1.7E+00	8.8E-01	No Value	No Value	No Value	1.0	1.5E-03	No Value	7.9E-02	1.2E-05	1.4	2.2E+01
Bromodichloromethane	No Value	4.0E+03	1.1E-01	4.1E+00	2.2E+00	8.3	No Value	No Value	1.0	1.6E-03	No Value	1.0E-03	1.0E-05	2.1	5.5E+01
Bromoform	No Value	9.7E+03	1.3E+00	9.5E+00	5.0E+00	13	No Value	No Value	1.0	6.5E+00	1.4	1.5E-02	1.0E-05	2.4	1.3E+02
Bromomethane	No Value	1.4E+03	9.0E-02	6.8E-01	3.6E-01	1.7	No Value	No Value	1.0	6.2E-03	9.0	7.3E-02	1.2E-05	1.2	9.0E+00
Butyl benzyl phthalate	1.0E-01	No Value	8.7E+03	1.0E+03	5.5E+02	1,183	3,289	No Value	0.95	1.3E-06	36	1.0E-03	1.0E-05	4.9	1.4E+04
Cadmium	No Value	No Value	7.5E+01	7.5E+01	7.5E+01	907	No Value	No Value	0.0090	3.1E-02	No Value	7.7E-02	9.6E-06	No Value	No Value
Carbazole	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value
Carbon dioxide	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	1.0	No Value	No Value	No Value	No Value	No Value	No Value
Carbon disulfide	No Value	1.2E+03	9.1E-02	5.0E+00	2.7E+00	9.9	No Value	No Value	1.0	3.0E-02	No Value	1.0E-01	1.0E-05	2.2	6.6E+01
Carbon monoxide	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	1.0	No Value	No Value	No Value	No Value	No Value	No Value
Carbon tetrachloride	No Value	1.5E+03	3.5E-01	1.1E+01	6.1E+00	29	No Value	No Value	1.0	3.0E-02	0.70	7.8E-02	8.8E-06	2.8	1.5E+02
Chlordecone (Kepone)	1.0E-01	No Value	1.7E-01	1.3E+00	6.8E-01	No Value	No Value	No Value	No Value	5.4E-08	No Value	2.0E-02	4.9E-06	5.4	1.8E+04
Chlorobenzene	No Value	6.5E+03	4.4E-01	1.7E+01	9.0E+00	29	No Value	No Value	1.0	3.7E-03	1.7	7.3E-02	8.7E-06	2.8	2.2E+02
Chlorodibromomethane	No Value	8.0E+03	7.0E-01	5.2E+00	2.8E+00	10	No Value	No Value	1.0	7.8E-04	1.4	1.0E-03	1.0E-05	2.2	7.0E+01
Chloroethane	No Value	1.3E+03	3.2E-02	1.2E+00	6.2E-01	2.4	No Value	No Value	1.0	8.8E-03	9.0	2.7E-01	1.2E-05	1.4	1.5E+01
Chloroform	No Value	2.6E+03	8.0E-02	3.9E+00	2.1E+00	6.9	No Value	No Value	1.0	3.7E-03	1.4	1.0E-01	1.0E-05	2.0	5.3E+01
Chloromethane	No Value	1.2E+03	6.0E-02	4.7E-01	2.5E-01	3.2	No Value	No Value	1.0	8.8E-03	9.0	1.3E-01	6.5E-06	0.91	6.3E+00
Chromium	No Value	No Value	1.9E+01	1.9E+01	1.9E+01	19	No Value	No Value	0.0090	No Value	No Value	1.3E-01	1.4E-05	0.23	No Value
Chrysene	1.3E-01	No Value	6.0E+04	3.0E+04	1.6E+04	4,890	49,887	No Value	0.74	9.5E-05	0.25	1.0E-03	1.0E-05	5.7	4.0E+05



Table G-24: Chemical/Physical Properties/Constants Used in Model Calculations

COPC	ABS _d	VF	Kds	Kdsw	Kdbs	BCF _{fish}	BAF _{fish}	BSAF	Fv	H	ksg	Da	Dw	Log Kow	Koc
	(unitless)	(m ³ /kg)	mL water/g soil	L water/kg suspended sediment	L water/kg bottom sediment	unitless	L/kg FW Tissue	unitless	unitless	(atm-m ³)/mol	yr ⁻¹	cm ² /sec	cm ² /sec	L/kg	L/kg
cis-1,2-Dichloroethene	No Value	2.5E+03	7.1E-02	2.9E+00	1.5E+00	5.8	No Value	No Value	1.0	4.1E-03	No Value	1.0E-03	1.0E-05	1.9	3.8E+01
cis-1,3-Dichloropropene	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	1.0	No Value	No Value	No Value	No Value	No Value	No Value
Cobalt	No Value	No Value	4.5E+01	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value
Copper	No Value	No Value	3.5E+01	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value
DDD	3.0E-02	No Value	4.0E+05	5.1E+04	2.7E+04	16,904	393,552	No Value	0.71	8.1E-06	0.040	1.0E-03	1.0E-05	6.4	6.8E+05
DDE	No Value	2.1E+06	6.8E+05	6.5E+03	3.5E+03	4,886	49,887	No Value	0.98	2.1E-05	0.040	1.0E-03	1.0E-05	5.7	8.6E+04
Dibenze(a,h)anthracene	1.3E-01	No Value	5.8E+05	1.3E+05	7.2E+04	20,183	496,599	No Value	0.055	1.5E-08	0.27	1.0E-03	1.0E-05	6.5	1.8E+06
Dibenzofuran	3.0E-02	1.6E+05	9.0E-02	6.8E-01	3.6E-01	No Value	No Value	No Value	No Value	2.1E-04	No Value	6.5E-02	7.4E-06	4.1	9.2E+03
Dibromomethane	No Value	5.6E+03	3.2E-01	2.4E+00	1.3E+00	3.0	No Value	No Value	1.0	8.6E-04	9.0	1.0E-03	1.0E-05	1.5	3.2E+01
Dichlorobiphenyl	1.4E-01	7.1E+05	3.9E+03	2.9E+04	1.6E+04	20,000	No Value	2.0	1.0	2.7E-04	0.030	1.0E-03	1.0E-05	No Value	3.9E+05
Dichlorodifluoromethane	No Value	8.4E+02	6.2E-01	4.6E+00	2.5E+00	9.2	No Value	No Value	1.0	3.4E-01	1.4	1.0E-03	1.0E-05	2.2	6.2E+01
Dieldrin	1.0E-01	No Value	4.3E+01	1.9E+03	1.0E+03	582	1,028	No Value	1.0	1.5E-05	0.23	1.0E-03	1.0E-05	4.5	2.6E+04
Dimethyl phthalate	No Value	No Value	3.4E-01	2.6E+00	1.4E+00	3.2	No Value	No Value	1.0	1.1E-07	36	5.7E-02	6.3E-06	1.6	3.4E+01
Di-n-butyl phthalate	1.0E-01	No Value	5.2E+03	1.2E+02	6.3E+01	830	1,805	No Value	0.99	1.8E-06	11	4.4E-02	7.9E-06	4.7	1.6E+03
Di-n-octyl phthalate	1.0E-01	No Value	1.3E+07	6.9E+06	3.7E+06	2.4	462	No Value	0.85	6.7E-05	9.0	1.0E-03	1.0E-05	8.1	9.2E+07
Ethylbenzene	No Value	5.7E+03	7.3E-01	1.5E+01	8.2E+00	49	No Value	No Value	1.0	7.9E-03	25	7.5E-02	7.8E-06	3.1	2.0E+02
Fluoranthene	1.3E-01	No Value	1.1E+04	3.7E+03	2.0E+03	1,410	4,493	No Value	0.99	1.6E-05	0.57	1.0E-03	1.0E-05	5.0	4.9E+04
Fluorene	1.3E-01	2.8E+05	2.1E+03	5.8E+02	3.1E+02	342	472	No Value	1.0	6.4E-05	4.2	1.0E-03	1.0E-05	4.2	7.7E+03
Formaldehyde	No Value	7.8E+04	2.0E-02	1.7E-01	9.0E-02	3.2	No Value	No Value	1.0	3.4E-07	36	1.8E-01	2.0E-05	0.35	2.2E+00
Heptachlorobiphenyl	1.4E-01	1.3E+06	2.5E+04	1.8E+05	9.8E+04	84,100	No Value	2.0	0.99	2.8E-04	0.030	1.0E-03	1.0E-05	No Value	2.5E+06
Hexachlorobiphenyl	1.4E-01	1.3E+06	2.5E+04	1.8E+05	9.8E+04	84,100	No Value	2.0	0.99	2.8E-04	0.030	1.0E-03	1.0E-05	No Value	2.5E+06
Hexachlorobutadiene	No Value	1.1E+04	7.6E+03	5.7E+02	3.0E+02	991	2,430	No Value	1.0	8.1E-03	1.4	5.6E-02	6.2E-06	4.8	7.6E+03
Hydrogen Chloride	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	1.0	No Value	No Value	1.0E-03	1.0E-05	No Value	No Value
Hydrogen cyanide	No Value	5.2E+04	9.9E+00	No Value	No Value	No Value	No Value	No Value	1.0	1.3E-04	No Value	1.7E-01	1.7E-05	No Value	No Value
Hydrogen sulfide	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	1.0	8.6E-03	No Value	1.9E-01	2.2E-05	0.23	No Value
Indeno(1,2,3-cd)pyrene	1.3E-01	No Value	5.3E+05	2.3E+05	1.2E+05	24,100	618,020	No Value	0.0050	1.6E-06	0.35	1.0E-03	1.0E-05	6.6	3.1E+06
Iron	No Value	No Value	2.5E+01	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value
Isopropanol	No Value	2.8E+04	1.5E-02	1.1E-01	6.0E-02	No Value	No Value	No Value	No Value	8.1E-06	No Value	1.0E-01	1.1E-05	0.050	1.5E+00
Isopropylbenzene	No Value	6.2E+03	6.0E+02	7.6E+01	4.1E+01	141	No Value	No Value	1.0	1.2E+00	32	6.5E-02	7.1E-06	3.7	1.0E+03
Lead	No Value	No Value	9.0E+02	9.0E+02	9.0E+02	0.090	No Value	No Value	0.0070	2.5E-02	No Value	7.7E-02	9.6E-06	0.73	No Value
m&p-Xylene	No Value	6.5E+03	7.3E-01	1.8E+01	9.6E+00	49	No Value	No Value	1.0	5.2E-03	9.0	8.5E-06	8.5E-06	No Value	3.8E+02
Manganese	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value
Mercury (+2)	No Value	No Value	5.8E+04	1.0E+05	5.0E+04	No Value	No Value	No Value	0.85	7.1E-10	No Value	4.5E-02	5.2E-06	No Value	No Value
Mercury, elemental	No Value	3.5E+04	1.0E+03	1.0E+03	3.0E+03	No Value	No Value	No Value	1.0	7.1E-03	No Value	1.1E-02	3.0E-05	0.62	No Value
Methyl Isobutyl Ketone	No Value	1.1E+04	2.2E+00	1.1E+00	6.1E-01	1.7	No Value	No Value	1.0	1.4E-04	36	7.5E-02	7.8E-06	1.2	1.5E+01
Methyl Mercury	No Value	No Value	7.0E+03	1.0E+05	3.0E+03	No Value	6,800,000	No Value	No Value	4.7E-07	No Value	5.3E-02	6.1E-06	No Value	No Value
Methylene chloride	No Value	2.2E+03	2.4E-02	7.5E-01	4.0E-01	2.0	No Value	No Value	1.0	2.2E-03	9.0	1.0E-01	1.2E-05	1.3	1.0E+01
Monochlorobiphenyl	1.4E-01	7.1E+05	3.9E+03	2.9E+04	1.6E+04	20,000	No Value	2.0	1.0	2.7E-04	0.030	1.0E-03	1.0E-05	No Value	3.9E+05
Napthalene	1.3E-01	4.6E+04	3.0E+02	8.9E+01	4.8E+01	69	No Value	No Value	1.0	4.8E-04	5.3	5.9E-02	7.5E-06	3.3	1.2E+03
n-Butylbenzene	No Value	8.1E+03	1.0E-02	7.5E-02	4.0E-02	No Value	No Value	No Value	1.0	1.6E-02	No Value	5.3E-02	7.3E-06	4.4	1.5E+03
Nickel	No Value	No Value	6.5E+01	6.5E+01	6.5E+01	78	No Value	No Value	0.0090	2.5E-02	No Value	7.7E-02	9.6E-06	No Value	No Value
Nonachlorobiphenyl	1.4E-01	1.3E+06	2.5E+04	1.8E+05	9.8E+04	84,100	No Value	2.0	0.99	2.8E-04	0.030	1.0E-03	1.0E-05	No Value	2.5E+06
NOx (Oxides of Nitrogen)	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	1.0	No Value	No Value	No Value	No Value	No Value	No Value
n-Propylbenzene	No Value	7.0E+03	8.1E+00	6.1E+01	3.3E+01	No Value	No Value	No Value	1.0	1.1E-02	No Value	6.0E-02	7.8E-06	3.7	8.1E+02



Table G-24: Chemical/Physical Properties/Constants Used in Model Calculations

COPC	ABS _d	VF	Kds	Kdsw	Kdbs	BCF _{fish}	BAF _{fish}	BSAF	Fv	H	ksg	Da	Dw	Log Kow	Koc
	(unitless)	(m ³ /kg)	mL water/g soil	L water/kg suspended sediment	L water/kg bottom sediment	unitless	L/kg FW Tissue	unitless	unitless	(atm-m ³)/mol	yr ⁻¹	cm ² /sec	cm ² /sec	L/kg	L/kg
OCDD	3.0E-02	No Value	9.8E+05	7.3E+06	3.9E+06	1,465	No Value	0.00010	0.0020	6.8E-06	0.030	8.7E-02	8.0E-06	8.2	9.8E+07
OCDF	3.0E-02	No Value	6.2E+05	4.6E+06	2.5E+06	2,754	No Value	0.00010	0.0020	1.9E-06	0.030	1.9E-02	8.0E-06	8.0	6.2E+07
Octachlorobiphenyl	1.4E-01	1.3E+06	2.5E+04	1.8E+05	9.8E+04	84,100	No Value	2.0	0.99	2.8E-04	0.030	1.0E-03	1.0E-05	No Value	2.5E+06
o-Xylene	No Value	6.5E+03	7.3E-01	1.8E+01	9.6E+00	49	No Value	No Value	1.0	5.2E-03	9.0	8.7E-02	1.0E-05	3.1	2.4E+02
p-Chloroaniline	1.0E-01	No Value	6.3E-01	4.7E+00	2.5E+00	5.1	No Value	No Value	1.0	1.2E-06	No Value	1.0E-03	1.0E-05	1.8	6.3E+01
p-Chlorotoluene	No Value	7.3E+03	3.8E+00	2.8E+01	1.5E+01	No Value	No Value	No Value	1.0	4.4E-03	No Value	6.3E-02	8.7E-06	3.3	3.8E+02
Pentachlorobiphenyl	1.4E-01	1.3E+06	2.5E+04	1.8E+05	9.8E+04	84,100	No Value	2.0	0.99	2.8E-04	0.030	1.0E-03	1.0E-05	No Value	2.5E+06
Perylene	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	1.8	No Value	No Value	No Value	No Value
Phenanthrene	No Value	No Value	3.7E+03	2.0E+03	1.1E+03	582	1,028	No Value	1.0	2.3E-05	1.3	1.0E-03	1.0E-05	4.5	2.7E+04
Phenol	1.0E-01	No Value	4.4E+00	2.2E+00	1.2E+00	2.9	No Value	No Value	1.0	4.0E-07	25	8.2E-02	9.1E-06	1.5	3.0E+01
Phosphorus	No Value	6.9E+03	3.5E+00	No Value	No Value	No Value	No Value	No Value	No Value	2.1E-03	No Value	2.2E-01	2.8E-05	3.1	1.1E+03
p-Isopropyltoluene	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	1.0	No Value	No Value	No Value	No Value	No Value	No Value
PM<10	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value
PM<2.5	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value
Propionaldehyde	No Value	8.9E+03	1.0E-02	7.5E-02	4.0E-02	No Value	No Value	No Value	No Value	7.3E-05	No Value	1.1E-01	1.2E-05	0.59	1.0E+00
Pyrene	1.3E-01	2.4E+06	9.5E+03	5.1E+03	2.7E+03	1,180	3,289	No Value	0.99	1.1E-05	0.13	1.0E-03	1.0E-05	4.9	6.8E+04
Pyridine	No Value	5.5E+04	4.4E-02	3.3E-01	1.7E-01	3.2	No Value	No Value	1.0	8.9E-06	36	9.1E-02	7.6E-06	0.65	4.4E+00
sec-Butylbenzene	No Value	7.4E+03	1.0E-02	7.5E-02	4.0E-02	No Value	No Value	No Value	1.0	1.8E-02	No Value	5.3E-02	7.3E-06	4.6	1.3E+03
Selenium	No Value	No Value	5.0E+00	5.0E+00	5.0E+00	129	No Value	No Value	No Value	9.7E-03	No Value	7.7E-02	9.6E-06	0.24	No Value
Silver	No Value	No Value	8.3E+00	8.3E+00	8.3E+00	88	No Value	No Value	0.0090	No Value	No Value	7.7E-02	9.6E-06	0.23	No Value
Styrene	No Value	9.4E+03	1.2E+02	6.8E+01	3.6E+01	41	No Value	No Value	1.0	2.7E-03	9.0	7.1E-02	8.0E-06	3.0	9.1E+02
Sulfur Dioxide	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	1.0	No Value	No Value	No Value	No Value	No Value	No Value
tert-Butylbenzene	No Value	7.4E+03	1.0E-02	7.5E-02	4.0E-02	No Value	No Value	No Value	1.0	1.3E-02	No Value	5.3E-02	7.4E-06	4.1	1.0E+03
Tetrachlorobiphenyl	1.4E-01	7.1E+05	3.9E+03	2.9E+04	1.6E+04	20,000	No Value	2.0	1.0	2.7E-04	0.030	1.0E-03	1.0E-05	No Value	3.9E+05
Tetrachloroethene	No Value	2.4E+03	3.1E-01	2.0E+01	1.1E+01	83	No Value	No Value	1.0	1.8E-02	0.70	7.2E-02	8.2E-06	3.4	2.7E+02
Thallium (Soluble Salts)	No Value	No Value	7.1E+01	7.1E+01	7.1E+01	10,000	No Value	No Value	0.0090	No Value	No Value	7.7E-02	9.6E-06	0.23	No Value
Titanium	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value
Toluene	No Value	4.3E+03	3.6E-01	1.1E+01	5.6E+00	24	No Value	No Value	1.0	6.6E-03	12	8.7E-02	8.6E-06	2.7	1.4E+02
Total Reduced Sulfur	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	1.0	No Value	No Value	No Value	No Value	No Value	No Value
Total Suspended Particulate	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value
trans-1,2-Dichloroethene	No Value	1.8E+03	1.0E-01	2.9E+00	1.5E+00	8.3	No Value	No Value	1.0	9.4E-03	No Value	7.0E-02	1.2E-05	2.1	3.8E+01
trans-1,3-Dichloropropene	No Value	No Value	No Value	No Value	No Value	No Value	No Value	No Value	1.0	No Value	No Value	No Value	No Value	No Value	No Value
Trichlorobiphenyl	1.4E-01	7.1E+05	3.9E+03	2.9E+04	1.6E+04	20,000	No Value	2.0	1.0	2.7E-04	0.030	1.0E-03	1.0E-05	No Value	3.9E+05
Trichloroethene	No Value	2.2E+03	3.3E-01	7.1E+00	3.8E+00	14	No Value	No Value	1.0	1.0E-02	0.70	7.9E-02	9.1E-06	2.4	9.4E+01
Trichlorofluoromethane	No Value	1.0E+03	2.4E-01	8.6E+00	4.6E+00	17	No Value	No Value	1.0	9.7E-02	0.70	8.7E-02	9.7E-06	2.5	1.1E+02
Vinyl chloride	No Value	9.6E+02	3.7E-02	1.2E+00	6.2E-01	2.4	No Value	No Value	1.0	2.7E-02	1.4	1.1E-01	1.2E-05	1.4	1.5E+01
Zinc	No Value	No Value	6.2E+01	6.2E+01	6.2E+01	2,059	No Value	No Value	0.0080	2.5E-02	No Value	7.7E-02	9.6E-06	No Value	No Value

Notes:

Chemical/physical properties were obtained from the following USEPA references listed in priority of use: (1) USEPA RSL Tables (USEPA 2016) and (2) USEPA Combustor Protocol (USEPA 2005)

ABS_d: Soil Dermal Absorption Factor

BAF_{fish}: Bioaccumulation factor for COPC in fish

BCF_{fish}: Bioconcentration factor for COPC in fish

BSAF: Biota-to-sediment accumulation factor

Da: Diffusivity of COPC in air



Table G-24: Chemical/Physical Properties/Constants Used in Model Calculations

	ABS _d	VF	K _{ds}	K _{dsw}	K _{dbs}	BCF _{fish}	BAF _{fish}	BSAF	F _v	H	k _{sg}	Da	D _w	Log K _{ow}	K _{oc}
COPC	(unitless)	(m ³ /kg)	mL water/g soil	L water/kg suspended sediment	L water/kg bottom sediment	unitless	L/kg FW Tissue	unitless	unitless	(atm-m ³)/mol	yr ⁻¹	cm ² /sec	cm ² /sec	L/kg	L/kg

D_w: Diffusivity of COPC in water

F_v: Fraction of COPC air concentration in vapor phase

H: Henry's Law constant

K_{dbs}: Bed sediment/sediment pore water partition coefficient

K_{ds}: Soil-water partition coefficient

K_{dsw}: Suspended sediments-surface water partition coefficient

K_{oc}: Soil organic carbon-water partition coefficient

k_{sg}: COPC loss constant due to biotic and abiotic degradation

Log K_{ow}: Octanol-water partitioning coefficient

VF: Soil to Ambient Air Volatilization Factor



Table G-25: Emission Rates (Q) Used in Model Calculations

COPC	Daytime	Nighttime
	g/s	
1,1,1,2-Tetrachloroethane	2.4E-05	1.6E-05
1,1,1-Trichloroethane	1.6E-05	2.0E-05
1,1-Dichloroethene	1.1E-05	0.0E+00
1,2,3,4,6,7,8-HpCDD	7.6E-08	1.4E-07
1,2,3,4,6,7,8-HpCDF	7.9E-08	1.4E-07
1,2,3,4,7,8,9-HpCDF	8.3E-09	1.9E-08
1,2,3,4,7,8-HxCDD	8.1E-09	1.7E-08
1,2,3,4,7,8-HxCDF	6.7E-08	1.4E-07
1,2,3,6,7,8-HxCDD	1.7E-08	3.6E-08
1,2,3,6,7,8-HxCDF	2.1E-08	4.6E-08
1,2,3,7,8,9-HxCDD	2.6E-08	5.5E-08
1,2,3,7,8,9-HxCDF	1.5E-09	3.5E-09
1,2,3,7,8-PeCDD	9.9E-09	2.2E-08
1,2,3,7,8-PeCDF	1.4E-08	3.2E-08
1,2,3-Trichlorobenzene	6.8E-05	7.7E-05
1,2,3-Trichloropropane	4.4E-05	0.0E+00
1,2,4-trichlorobenzene	5.4E-05	2.9E-05
1,2,4-Trimethylbenzene	1.3E-03	6.5E-04
1,2-Dibromoethane	2.8E-05	0.0E+00
1,2-dichlorobenzene	4.4E-05	0.0E+00
1,2-Dichloroethane	3.2E-04	4.1E-04
1,3,5-Trimethylbenzene	1.4E-03	5.2E-04
1,3-Butadiene	No Value	No Value
1,3-dichlorobenzene	2.8E-05	2.0E-05
1,3-Dichloropropane	2.7E-05	0.0E+00
1,4-dichlorobenzene	2.6E-05	3.0E-04
1,4-Dioxane	No Value	No Value
1-Methylnaphthalene	2.1E-03	5.8E-03
1-Methylphenanthrene	2.4E-04	7.1E-04
2,3,4,6,7,8-HxCDF	3.6E-08	6.9E-08
2,3,4,7,8-PeCDF	3.1E-08	7.1E-08
2,3,5-Trimethylnaphthalene	8.9E-05	3.6E-04
2,3,7,8-TCDD	9.3E-09	6.1E-09
2,3,7,8-TCDF	1.3E-08	3.3E-08
2,4-Dimethylphenol	2.1E-03	3.9E-03
2,4-Dinitrotoluene	No Value	No Value
2,6-Dimethylnaphthalene	2.8E-04	9.4E-04
2,6-Dinitrotoluene	No Value	No Value
2-Butanone	3.0E-03	5.4E-03
2-Chlorophenol	1.7E-04	9.1E-04
2-Chlorotoluene	1.0E-04	2.6E-04
2-Hexanone	9.3E-04	9.3E-04
2-Methylnaphthalene	2.0E-03	5.7E-03
2-Methylphenol	3.1E-03	1.0E-02
2-Nitrophenol	5.1E-04	1.3E-03
3-Methylphenol & 4-Methylphenol	6.0E-03	1.8E-02
4-Nitrophenol	1.3E-03	1.9E-03
Acenaphthylene	1.0E-03	3.4E-03
Acenaphthene	2.1E-04	6.2E-04
Acetaldehyde	2.1E-01	1.9E-01
Acetophenone	8.4E-03	2.0E-02
Aluminum	No Value	No Value
Anthracene	3.1E-04	1.1E-03
Antimony	3.2E-03	5.4E-04
Arsenic	9.0E-05	7.7E-05



Table G-25: Emission Rates (Q) Used in Model Calculations

COPC	Daytime	Nighttime
	g/s	
Barium	3.4E-02	8.6E-03
Benzene	8.6E-02	1.4E-01
Benzo(a)anthracene	1.2E-04	5.7E-04
Benzo(a)pyrene	7.2E-05	2.1E-04
Benzo(b)fluoranthene	1.1E-04	2.2E-04
Benzo(e)pyrene	7.7E-05	1.7E-04
Benzo(g,h,i)perylene	5.0E-05	1.4E-04
Benzo(k)fluoranthene	4.7E-06	0.0E+00
Benzoic acid	3.2E-02	9.6E-02
Benzyl alcohol	1.0E-03	4.2E-04
Beryllium	7.4E-06	5.1E-06
Biphenyl	6.3E-03	2.0E-02
bis(2-Ethylhexyl) phthalate	1.9E-02	3.0E-02
Bromobenzene	1.5E-02	0.0E+00
Bromochloromethane	3.6E-05	0.0E+00
Bromodichloromethane	3.9E-05	0.0E+00
Bromoform	No Value	No Value
Bromomethane	8.7E-04	3.5E-04
Butyl benzyl phthalate	3.8E-04	1.1E-03
Cadmium	1.2E-04	9.6E-05
Carbazole	6.8E-05	0.0E+00
Carbon dioxide	2.1E-01	1.9E-01
Carbon disulfide	8.0E-04	2.9E-04
Carbon monoxide	5.5E+00	6.5E+00
Carbon tetrachloride	8.9E-05	0.0E+00
Chlordecone (Kepone)	No Value	No Value
Chlorobenzene	7.1E-04	6.4E-04
Chlorodibromomethane	9.6E-04	0.0E+00
Chloroethane	1.5E-03	1.2E-03
Chloroform	7.5E-04	2.4E-05
Chloromethane	7.0E-03	2.9E-03
Chromium	9.3E-04	8.6E-04
Chrysene	3.4E-04	9.0E-04
cis-1,2-Dichloroethene	1.6E-03	0.0E+00
cis-1,3-Dichloropropene	9.9E-06	0.0E+00
Cobalt	3.8E-03	5.0E-05
Copper	3.0E-03	2.2E-03
DDD	No Value	No Value
DDE	No Value	No Value
Dibenze(a,h)anthracene	1.3E-05	3.2E-05
Dibenzofuran	6.7E-04	1.7E-03
Dibromomethane	8.3E-05	0.0E+00
Dichlorobiphenyl	6.6E-06	1.6E-05
Dichlorodifluoromethane	1.0E-04	0.0E+00
Dieldrin	No Value	No Value
Dimethyl phthalate	1.4E-04	0.0E+00
Di-n-butyl phthalate	5.7E-04	1.6E-03
Di-n-octyl phthalate	2.6E-04	0.0E+00
Ethylbenzene	2.3E-02	2.9E-02
Fluoranthene	4.8E-04	1.3E-03
Fluorene	1.0E-03	3.4E-03
Formaldehyde	1.2E-01	7.0E-02
Heptachlorobiphenyl	1.0E-07	2.1E-07
Hexachlorobiphenyl	5.4E-07	8.4E-07
Hexachlorobutadiene	1.8E-02	0.0E+00



Table G-25: Emission Rates (Q) Used in Model Calculations

COPC	Daytime	Nighttime
	g/s	
Hydrogen Chloride	1.2E-01	1.1E-01
Hydrogen cyanide	1.6E-02	2.5E-02
Hydrogen sulfide	No Value	No Value
Indeno(1,2,3-cd)pyrene	4.3E-05	1.1E-04
Iron	No Value	No Value
Isopropanol	No Value	No Value
Isopropylbenzene	2.7E-03	1.9E-03
Lead	1.1E-03	6.6E-04
m&p-Xylene	6.4E-03	4.3E-03
Manganese	8.8E-04	6.8E-04
Mercury (+2)	7.6E-06	6.4E-06
Mercury, elemental	7.6E-06	6.4E-06
Methyl Isobutyl Ketone	1.4E-04	0.0E+00
Methyl Mercury	7.6E-06	6.4E-06
Methylene chloride	2.4E-03	2.5E-03
Monochlorobiphenyl	4.5E-05	1.1E-04
Napthalene	9.3E-03	2.6E-02
n-Butylbenzene	1.8E-03	6.9E-04
Nickel	5.7E-04	4.3E-04
Nonachlorobiphenyl	2.7E-08	2.4E-08
NOx (Oxides of Nitrogen)	2.9E-01	1.8E-01
n-Propylbenzene	1.8E-03	1.0E-03
OCDD	5.3E-08	9.1E-08
OCDF	2.2E-08	3.3E-08
Octachlorobiphenyl	3.8E-08	6.2E-08
o-Xylene	4.2E-03	2.6E-03
p-Chloroaniline	No Value	No Value
p-Chlorotoluene	1.3E-04	5.1E-05
Pentachlorobiphenyl	2.1E-06	2.7E-06
Perylene	1.4E-05	9.0E-05
Phenanthrene	2.3E-03	6.1E-03
Phenol	2.0E-02	5.3E-02
Phosphorus	5.0E-03	2.9E-03
p-Isopropyltoluene	1.2E-03	1.7E-04
PM<10	3.1E+00	4.8E+00
PM<2.5	2.4E+00	4.3E+00
Propionaldehyde	2.3E-02	2.2E-02
Pyrene	4.5E-04	1.3E-03
Pyridine	1.8E-03	5.0E-03
sec-Butylbenzene	3.2E-04	1.3E-04
Selenium	2.8E-05	2.2E-05
Silver	2.1E-05	1.3E-05
Styrene	6.9E-02	7.1E-02
Sulfur Dioxide	7.4E-02	4.1E-02
tert-Butylbenzene	1.9E-02	0.0E+00
Tetrachlorobiphenyl	3.7E-06	4.4E-06
Tetrachloroethene	1.9E-05	1.5E-05
Thallium (Soluble Salts)	No Value	No Value
Titanium	7.4E-06	8.8E-06
Toluene	3.0E-02	5.0E-02
Total Reduced Sulfur	1.0E-02	5.6E-02
Total Suspended Particulate	2.6E+00	3.6E+00
trans-1,2-Dichloroethene	3.4E-02	0.0E+00
trans-1,3-Dichloropropene	1.7E-05	0.0E+00
Trichlorobiphenyl	4.0E-06	5.9E-06



Table G-25: Emission Rates (Q) Used in Model Calculations

COPC	Daytime	Nighttime
	g/s	
Trichloroethene	2.9E-06	0.0E+00
Trichlorofluoromethane	3.5E-05	0.0E+00
Vinyl chloride	1.5E-03	2.4E-04
Zinc	3.4E-02	1.1E-02

Notes:

Cyp (PB): Unitized yearly air concentration from vapor phase (particle bound)

Cyp (PP): Unitized yearly air concentration from vapor phase (particle phase)

Cyv: Unitized yearly average air concentration from vapor phase

Dydp (PB): Unitized yearly average dry deposition from particle phase (particle bound)

Dydp (PP): Unitized yearly average dry deposition from particle phase (particle phase)

Dywp (PB): Unitized yearly average wet deposition from particle phase (particle bound)

Dywp (PP): Unitized yearly average wet deposition from particle phase (particle phase)

Q: COPC-specific emission rate



Table G-26: Soil Loss Constants Used in Soil Exposure Point Concentration Model Calculations

COPC	COPC Soil Loss Constant Due to All Processes	COPC Loss Constant Due to Leaching	COPC Loss Constant Due to Biotic and Abiotic Degradation	COPC Loss Constant Due to Soil Erosion	COPC Loss Constant Due to Soil Runoff	COPC Loss Constant Due to Volatilization
	ks (ks = ksl + ksg + kse + ksr + ksv)	ksl	ksg	kse	ksr	ksv
	yr ⁻¹					
1,1,1,2-Tetrachloroethane	3.00E+03	1.60E-01	3.78E+00	0.00E+00	5.32E-01	3.00E+03
1,1,1-Trichloroethane	3.16E+05	1.42E+00	9.30E-01	0.00E+00	4.72E+00	3.16E+05
1,1-Dichloroethene	1.02E+06	1.97E+00	1.41E+00	0.00E+00	6.58E+00	1.02E+06
1,2,3,4,6,7,8-HpCDD	3.01E-02	8.11E-07	3.00E-02	0.00E+00	2.70E-06	9.22E-05
1,2,3,4,6,7,8-HpCDF	3.01E-02	3.23E-06	3.00E-02	0.00E+00	1.08E-05	9.69E-05
1,2,3,4,7,8,9-HpCDF	3.01E-02	3.23E-06	3.00E-02	0.00E+00	1.08E-05	9.62E-05
1,2,3,4,7,8-HxCDD	3.01E-02	1.29E-06	3.00E-02	0.00E+00	4.28E-06	1.36E-04
1,2,3,4,7,8-HxCDF	3.03E-02	8.11E-06	3.00E-02	0.00E+00	2.70E-05	2.58E-04
1,2,3,6,7,8-HxCDD	3.02E-02	8.11E-06	3.00E-02	0.00E+00	2.70E-05	1.32E-04
1,2,3,6,7,8-HxCDF	3.05E-02	4.06E-06	3.00E-02	0.00E+00	1.35E-05	4.42E-04
1,2,3,7,8,9-HxCDD	3.05E-02	4.06E-06	3.00E-02	0.00E+00	1.35E-05	4.42E-04
1,2,3,7,8,9-HxCDF	3.02E-02	8.11E-06	3.00E-02	0.00E+00	2.70E-05	1.98E-04
1,2,3,7,8-PeCDD	3.06E-02	1.86E-05	3.00E-02	0.00E+00	6.19E-05	5.00E-04
1,2,3,7,8-PeCDF	3.02E-02	1.32E-05	3.00E-02	0.00E+00	4.38E-05	1.53E-04
1,2,3-Trichlorobenzene	3.50E+00	2.57E-02	0.00E+00	0.00E+00	8.58E-02	3.39E+00
1,2,3-Trichloropropane	1.09E+04	1.83E+00	7.00E-01	0.00E+00	6.10E+00	1.09E+04
1,2,4-Trimethylbenzene	3.19E+03	7.97E-02	0.00E+00	0.00E+00	2.66E-01	3.19E+03
1,2,4-trichlorobenzene	6.13E+02	1.34E-01	1.41E+00	0.00E+00	4.46E-01	6.11E+02
1,2-Dibromoethane	4.67E+02	2.29E+00	1.41E+00	0.00E+00	7.63E+00	4.56E+02
1,2-Dichloroethane	1.53E+05	2.97E+00	1.41E+00	0.00E+00	9.90E+00	1.52E+05
1,2-dichlorobenzene	1.81E+03	1.27E-01	1.41E+00	0.00E+00	4.25E-01	1.81E+03
1,3,5-Trimethylbenzene	4.52E+03	8.00E-02	0.00E+00	0.00E+00	2.67E-01	4.52E+03
1,3-Butadiene	9.67E+05	9.38E-01	0.00E+00	0.00E+00	3.13E+00	9.67E+05
1,3-Dichloropropane	5.25E+03	5.86E-01	0.00E+00	0.00E+00	1.95E+00	5.24E+03
1,3-dichlorobenzene	1.32E+03	5.79E-02	1.41E+00	0.00E+00	1.93E-01	1.32E+03
1,4-Dioxane	5.77E+03	3.49E+00	1.41E+00	0.00E+00	1.16E+01	5.76E+03
1,4-dichlorobenzene	7.23E+03	3.75E-01	1.41E+00	0.00E+00	1.25E+00	7.23E+03
1-Methylnaphthalene	7.10E+04	3.26E+00	0.00E+00	0.00E+00	1.09E+01	7.10E+04
1-Methylphenanthrene	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00
2,3,4,6,7,8-HxCDF	3.02E-02	8.11E-06	3.00E-02	0.00E+00	2.70E-05	1.98E-04
2,3,4,7,8-PeCDF	3.04E-02	2.56E-05	3.00E-02	0.00E+00	8.55E-05	2.98E-04
2,3,5-Trimethylnaphthalene	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00
2,3,7,8-TCDD	3.47E-02	1.29E-05	3.00E-02	0.00E+00	4.28E-05	4.61E-03
2,3,7,8-TCDF	3.26E-02	6.44E-05	3.00E-02	0.00E+00	2.15E-04	2.28E-03
2,4-Dimethylphenol	3.62E+01	1.56E-02	3.61E+01	0.00E+00	5.19E-02	3.27E-03
2,4-Dinitrotoluene	4.67E+00	4.93E-01	1.41E+00	0.00E+00	1.64E+00	1.12E+00
2,6-Dimethylnaphthalene	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00
2,6-Dinitrotoluene	4.97E+00	8.02E-01	1.41E+00	0.00E+00	2.67E+00	7.98E-02
2-Butanone	8.58E+02	1.18E+00	3.61E+01	0.00E+00	3.94E+00	8.17E+02
2-Chlorophenol	5.82E+00	1.25E-01	0.00E+00	0.00E+00	4.15E-01	5.28E+00
2-Chlorotoluene	3.07E+03	1.26E-01	0.00E+00	0.00E+00	4.21E-01	3.07E+03
2-Hexanone	2.30E+03	1.76E+00	0.00E+00	0.00E+00	5.88E+00	2.29E+03
2-Methylnaphthalene	7.11E+04	3.26E+00	1.81E+00	0.00E+00	1.09E+01	7.11E+04
2-Methylphenol	4.40E+01	5.19E-01	3.61E+01	0.00E+00	1.73E+00	5.60E+00
2-Nitrophenol	1.29E+01	7.01E-01	9.03E+00	0.00E+00	2.34E+00	8.55E-01
3-Methylphenol & 4-Methylphenol	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00
4-Nitrophenol	2.12E+02	5.66E-01	2.09E+02	0.00E+00	1.89E+00	2.90E-05
Acenaphthylene	1.43E+01	0.00E+00	1.81E+00	0.00E+00	1.25E+01	0.00E+00



Table G-26: Soil Loss Constants Used in Soil Exposure Point Concentration Model Calculations

COPC	COPC Soil Loss Constant Due to All Processes	COPC Loss Constant Due to Leaching	COPC Loss Constant Due to Biotic and Abiotic Degradation	COPC Loss Constant Due to Soil Erosion	COPC Loss Constant Due to Soil Runoff	COPC Loss Constant Due to Volatilization
	ks (ks = ksl + ksg + kse + ksr + ksv)	ksl	ksg	kse	ksr	ksv
	yr ⁻¹					
Acenaphthene	2.49E+00	4.54E-04	2.48E+00	0.00E+00	1.51E-03	7.62E-03
Acetaldehyde	8.54E+04	3.59E+00	0.00E+00	0.00E+00	1.20E+01	8.54E+04
Acetophenone	9.78E+01	1.01E+00	0.00E+00	0.00E+00	3.38E+00	9.34E+01
Aluminum	1.44E-03	3.33E-04	0.00E+00	0.00E+00	1.11E-03	0.00E+00
Anthracene	5.51E-01	1.11E-04	5.50E-01	0.00E+00	3.70E-04	7.56E-04
Antimony	2.25E+03	1.11E-02	0.00E+00	0.00E+00	3.69E-02	2.25E+03
Arsenic	1.07E+05	1.72E-02	0.00E+00	0.00E+00	5.72E-02	1.07E+05
Barium	5.27E-02	1.22E-02	0.00E+00	0.00E+00	4.05E-02	0.00E+00
Benzene	2.15E+05	1.97E+00	1.58E+01	0.00E+00	6.58E+00	2.15E+05
Benzo(a)anthracene	3.70E-01	8.33E-06	3.70E-01	0.00E+00	2.78E-05	1.51E-04
Benzo(a)pyrene	4.80E-01	3.12E-06	4.80E-01	0.00E+00	1.04E-05	1.55E-05
Benzo(b)fluoranthene	4.11E-01	4.77E-05	4.10E-01	0.00E+00	1.59E-04	5.55E-04
Benzo(e)pyrene	1.43E+01	0.00E+00	1.81E+00	0.00E+00	1.25E+01	0.00E+00
Benzo(g,h,i)perylene	1.43E+01	0.00E+00	1.81E+00	0.00E+00	1.25E+01	0.00E+00
Benzo(k)fluoranthene	1.20E-01	2.63E-06	1.20E-01	0.00E+00	8.77E-06	2.29E-07
Benzoic acid	4.06E+01	3.59E+00	0.00E+00	0.00E+00	1.20E+01	2.50E+01
Benzyl alcohol	8.70E+00	1.97E+00	0.00E+00	0.00E+00	6.58E+00	1.47E-01
Beryllium	7.68E+01	6.33E-04	0.00E+00	0.00E+00	2.11E-03	7.68E+01
Biphenyl	1.52E+04	2.73E+00	0.00E+00	0.00E+00	9.09E+00	1.52E+04
Bromobenzene	2.97E+03	2.02E-01	0.00E+00	0.00E+00	6.74E-01	2.97E+03
Bromochloromethane	2.74E+04	1.42E+00	0.00E+00	0.00E+00	4.72E+00	2.73E+04
Bromodichloromethane	7.71E+02	2.05E+00	0.00E+00	0.00E+00	6.85E+00	7.62E+02
Bromoform	4.03E+06	3.59E-01	1.41E+00	0.00E+00	1.20E+00	4.03E+06
Bromomethane	2.64E+05	2.24E+00	9.03E+00	0.00E+00	7.46E+00	2.64E+05
Butyl benzyl phthalate	3.61E+01	5.75E-05	3.61E+01	0.00E+00	1.92E-04	7.82E-06
Cadmium	1.67E+03	6.65E-03	0.00E+00	0.00E+00	2.22E-02	1.67E+03
Carbazole	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00
Carbon dioxide	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00
Carbon disulfide	1.80E+06	2.23E+00	0.00E+00	0.00E+00	7.43E+00	1.80E+06
Carbon monoxide	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00
Carbon tetrachloride	3.50E+05	1.03E+00	7.00E-01	0.00E+00	3.45E+00	3.50E+05
Chlordecone (Kepone)	7.47E+00	1.65E+00	0.00E+00	0.00E+00	5.49E+00	3.26E-01
Chlorobenzene	3.22E+04	8.72E-01	1.69E+00	0.00E+00	2.91E+00	3.21E+04
Chlorodibromomethane	6.26E+01	6.00E-01	1.41E+00	0.00E+00	2.00E+00	5.86E+01
Chloroethane	3.90E+06	3.02E+00	9.03E+00	0.00E+00	1.01E+01	3.90E+06
Chloroform	2.52E+05	2.34E+00	1.41E+00	0.00E+00	7.81E+00	2.52E+05
Chloromethane	9.70E+05	2.59E+00	9.03E+00	0.00E+00	8.62E+00	9.70E+05
Chromium	1.13E-01	2.61E-02	0.00E+00	0.00E+00	8.71E-02	0.00E+00
Chrysene	2.50E-01	8.33E-06	2.50E-01	0.00E+00	2.78E-05	8.29E-05
Cobalt	4.80E-02	1.11E-02	0.00E+00	0.00E+00	3.69E-02	0.00E+00
Copper	6.17E-02	1.42E-02	0.00E+00	0.00E+00	4.74E-02	0.00E+00
DDD	4.00E-02	1.25E-06	4.00E-02	0.00E+00	4.17E-06	1.06E-06
DDE	4.00E-02	7.35E-07	4.00E-02	0.00E+00	2.45E-06	1.62E-06
Di-n-butyl phthalate	1.10E+01	9.62E-05	1.10E+01	0.00E+00	3.21E-04	7.94E-04
Di-n-octyl phthalate	9.03E+00	3.85E-08	9.03E+00	0.00E+00	1.28E-07	2.70E-07
Dibenze(a,h)anthracene	2.70E-01	8.62E-07	2.70E-01	0.00E+00	2.87E-06	1.35E-09
Dibenzofuran	8.07E+03	2.24E+00	0.00E+00	0.00E+00	7.46E+00	8.06E+03
Dibromomethane	1.55E+02	1.10E+00	9.03E+00	0.00E+00	3.68E+00	1.41E+02



Table G-26: Soil Loss Constants Used in Soil Exposure Point Concentration Model Calculations

COPC	COPC Soil Loss Constant Due to All Processes	COPC Loss Constant Due to Leaching	COPC Loss Constant Due to Biotic and Abiotic Degradation	COPC Loss Constant Due to Soil Erosion	COPC Loss Constant Due to Soil Runoff	COPC Loss Constant Due to Volatilization
	ks (ks = ksl + ksg + kse + ksr + ksv)	ksl	ksg	kse	ksr	ksv
	yr ⁻¹					
Dichlorobiphenyl	3.42E-02	1.27E-04	3.00E-02	0.00E+00	4.25E-04	3.62E-03
Dichlorodifluoromethane	2.90E+04	6.64E-01	1.41E+00	0.00E+00	2.21E+00	2.90E+04
Dieldrin	2.98E-01	1.16E-02	2.30E-01	0.00E+00	3.86E-02	1.83E-02
Dimethyl phthalate	4.16E+01	1.06E+00	3.61E+01	0.00E+00	3.52E+00	9.19E-01
Ethylbenzene	4.25E+04	5.79E-01	2.53E+01	0.00E+00	1.93E+00	4.25E+04
Fluoranthene	5.70E-01	4.55E-05	5.70E-01	0.00E+00	1.52E-04	7.62E-05
Fluorene	4.22E+00	2.38E-04	4.22E+00	0.00E+00	7.94E-04	1.60E-03
Formaldehyde	2.07E+02	3.26E+00	3.61E+01	0.00E+00	1.09E+01	1.57E+02
Heptachlorobiphenyl	3.07E-02	2.04E-05	3.00E-02	0.00E+00	6.79E-05	6.04E-04
Hexachlorobiphenyl	3.07E-02	2.04E-05	3.00E-02	0.00E+00	6.79E-05	6.04E-04
Hexachlorobutadiene	4.54E+00	6.58E-05	1.41E+00	0.00E+00	2.19E-04	3.13E+00
Hydrogen Chloride	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00
Hydrogen cyanide	1.18E+02	4.98E-02	0.00E+00	0.00E+00	1.66E-01	1.18E+02
Hydrogen sulfide	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00
Indeno(1,2,3-cd)pyrene	3.50E-01	9.43E-07	3.50E-01	0.00E+00	3.14E-06	1.58E-07
Iron	8.62E-02	1.99E-02	0.00E+00	0.00E+00	6.63E-02	0.00E+00
Isopropanol	2.93E+03	3.37E+00	0.00E+00	0.00E+00	1.12E+01	2.92E+03
Isopropylbenzene	6.84E+03	8.33E-04	3.16E+01	0.00E+00	2.78E-03	6.81E+03
Lead	1.12E+02	5.55E-04	0.00E+00	0.00E+00	1.85E-03	1.12E+02
Manganese	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00
Mercury (+2)	3.74E-05	8.62E-06	0.00E+00	0.00E+00	2.87E-05	2.90E-08
Mercury, elemental	4.05E+00	5.00E-04	0.00E+00	0.00E+00	1.67E-03	4.05E+00
Methyl Isobutyl Ketone	2.87E+02	2.14E-01	3.61E+01	0.00E+00	7.14E-01	2.50E+02
Methyl Mercury	4.95E-04	7.14E-05	0.00E+00	0.00E+00	2.38E-04	1.86E-04
Methylene chloride	4.85E+05	3.18E+00	9.03E+00	0.00E+00	1.06E+01	4.85E+05
Monochlorobiphenyl	3.42E-02	1.27E-04	3.00E-02	0.00E+00	4.25E-04	3.62E-03
NOx (Oxides of Nitrogen)	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00
Napthalene	1.02E+01	1.67E-03	5.27E+00	0.00E+00	5.55E-03	4.94E+00
Nickel	1.55E+03	7.68E-03	0.00E+00	0.00E+00	2.56E-02	1.55E+03
Nonachlorobiphenyl	3.07E-02	2.04E-05	3.00E-02	0.00E+00	6.79E-05	6.04E-04
OCDD	3.00E-02	5.12E-07	3.00E-02	0.00E+00	1.71E-06	3.14E-05
OCDF	3.00E-02	8.11E-07	3.00E-02	0.00E+00	2.70E-06	3.11E-06
Octachlorobiphenyl	3.07E-02	2.04E-05	3.00E-02	0.00E+00	6.79E-05	6.04E-04
PM<10	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00
PM<2.5	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00
Total Suspended Particulate	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00
Pentachlorobiphenyl	3.07E-02	2.04E-05	3.00E-02	0.00E+00	6.79E-05	6.04E-04
Perylene	1.43E+01	0.00E+00	1.81E+00	0.00E+00	1.25E+01	0.00E+00
Phenanthrene	1.26E+00	1.35E-04	1.26E+00	0.00E+00	4.50E-04	3.26E-04
Phenol	2.62E+01	1.10E-01	2.53E+01	0.00E+00	3.68E-01	3.90E-01
Phosphorus	6.93E+03	1.38E-01	0.00E+00	0.00E+00	4.59E-01	6.93E+03
Propionaldehyde	4.24E+04	3.49E+00	0.00E+00	0.00E+00	1.16E+01	4.24E+04
Pyrene	1.30E-01	5.26E-05	1.30E-01	0.00E+00	1.75E-04	6.06E-05
Pyridine	1.01E+03	2.82E+00	3.61E+01	0.00E+00	9.40E+00	9.62E+02
Selenium	7.84E+03	9.74E-02	0.00E+00	0.00E+00	3.25E-01	7.84E+03
Silver	2.57E-01	5.93E-02	0.00E+00	0.00E+00	1.98E-01	0.00E+00
Styrene	9.27E+01	4.16E-03	9.03E+00	0.00E+00	1.39E-02	8.37E+01
Sulfur Dioxide	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00



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COPC	COPC Soil Loss Constant Due to All Processes	COPC Loss Constant Due to Leaching	COPC Loss Constant Due to Biotic and Abiotic Degradation	COPC Loss Constant Due to Soil Erosion	COPC Loss Constant Due to Soil Runoff	COPC Loss Constant Due to Volatilization
	ks (ks = ksl + ksg + kse + ksr + ksv)	ksl	ksg	kse	ksr	ksv
	yr ⁻¹					
Tetrachlorobiphenyl	3.42E-02	1.27E-04	3.00E-02	0.00E+00	4.25E-04	3.62E-03
Tetrachloroethene	2.19E+05	1.13E+00	7.00E-01	0.00E+00	3.76E+00	2.19E+05
Thallium (Soluble Salts)	3.05E-02	7.03E-03	0.00E+00	0.00E+00	2.34E-02	0.00E+00
Titanium	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00
Toluene	8.35E+04	1.01E+00	1.15E+01	0.00E+00	3.38E+00	8.35E+04
Total Reduced Sulfur	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00
Trichlorobiphenyl	3.42E-02	1.27E-04	3.00E-02	0.00E+00	4.25E-04	3.62E-03
Trichloroethene	1.25E+05	1.08E+00	7.00E-01	0.00E+00	3.60E+00	1.25E+05
Trichlorofluoromethane	1.84E+06	1.34E+00	7.00E-01	0.00E+00	4.46E+00	1.84E+06
Vinyl chloride	4.05E+06	2.94E+00	1.41E+00	0.00E+00	9.78E+00	4.05E+06
Zinc	1.63E+03	8.05E-03	0.00E+00	0.00E+00	2.68E-02	1.63E+03
bis(2-Ethylhexyl) phthalate	1.10E+01	2.17E-07	1.10E+01	0.00E+00	7.25E-07	7.99E-08
cis-1,2-Dichloroethene	3.03E+03	2.45E+00	0.00E+00	0.00E+00	8.16E+00	3.02E+03
cis-1,3-Dichloropropene	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00
m&p-Xylene	1.47E+01	5.79E-01	9.03E+00	0.00E+00	1.93E+00	3.17E+00
n-Butylbenzene	4.39E+06	3.49E+00	0.00E+00	0.00E+00	1.16E+01	4.39E+06
n-Propylbenzene	4.07E+03	6.05E-02	0.00E+00	0.00E+00	2.02E-01	4.07E+03
o-Xylene	3.25E+04	5.79E-01	9.03E+00	0.00E+00	1.93E+00	3.25E+04
p-Chloroaniline	2.93E+00	6.55E-01	0.00E+00	0.00E+00	2.18E+00	9.64E-02
p-Chlorotoluene	3.83E+03	1.29E-01	0.00E+00	0.00E+00	4.29E-01	3.83E+03
p-Isopropyltoluene	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00
sec-Butylbenzene	4.87E+06	3.49E+00	0.00E+00	0.00E+00	1.16E+01	4.87E+06
tert-Butylbenzene	3.66E+06	3.49E+00	0.00E+00	0.00E+00	1.16E+01	3.66E+06
trans-1,2-Dichloroethene	3.46E+05	2.14E+00	0.00E+00	0.00E+00	7.14E+00	3.46E+05
trans-1,3-Dichloropropene	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00



Table G-27: Average COPC Concentrations in Soil in the Watershed Used in Fish Tissue Model Calculations Based on a 16-Year ACI Operational Time Frame

COPC	16-Year ACI Operational Time Frame															
	1-Year Exposure Duration				3-Year Exposure Duration				6-Year Exposure Duration				25-Year Exposure Duration			
	Soil Concentration		Total Deposition	COPC Soil Loss Constant Due to All Processes	Soil Concentration		Total Deposition	COPC Soil Loss Constant Due to All Processes	Soil Concentration		Total Deposition	COPC Soil Loss Constant Due to All Processes	Soil Concentration		Total Deposition	COPC Soil Loss Constant Due to All Processes
	Cancer	Noncancer			Cancer	Noncancer			Cancer	Noncancer			Cancer	Noncancer		
	Cs		Ds	ks	Cs		Ds	ks	Cs		Ds	ks	Cs		Ds	ks
mg/kg		mg COPC/kg soil/yr	yr ⁻¹	mg/kg		mg COPC/kg soil/yr	yr ⁻¹	mg/kg		mg COPC/kg soil/yr	yr ⁻¹	mg/kg		mg COPC/kg soil/yr	yr ⁻¹	
1,1,1,2-Tetrachloroethane	0.00E+00	0.00E+00	0.00E+00	3.00E+03	0.00E+00	0.00E+00	0.00E+00	3.00E+03	0.00E+00	0.00E+00	0.00E+00	3.00E+03	0.00E+00	0.00E+00	0.00E+00	3.00E+03
1,1,1-Trichloroethane	0.00E+00	0.00E+00	0.00E+00	3.16E+05	0.00E+00	0.00E+00	0.00E+00	3.16E+05	0.00E+00	0.00E+00	0.00E+00	3.16E+05	0.00E+00	0.00E+00	0.00E+00	3.16E+05
1,1-Dichloroethene	0.00E+00	0.00E+00	0.00E+00	1.02E+06	0.00E+00	0.00E+00	0.00E+00	1.02E+06	0.00E+00	0.00E+00	0.00E+00	1.02E+06	0.00E+00	0.00E+00	0.00E+00	1.02E+06
1,2,3,4,6,7,8-HpCDD	7.03E-08	1.30E-07	1.03E-08	3.01E-02	7.03E-08	1.30E-07	1.03E-08	3.01E-02	7.03E-08	1.30E-07	1.03E-08	3.01E-02	0.00E+00	1.30E-07	1.03E-08	3.01E-02
1,2,3,4,6,7,8-HpCDF	7.07E-08	1.31E-07	1.03E-08	3.01E-02	7.07E-08	1.31E-07	1.03E-08	3.01E-02	7.07E-08	1.31E-07	1.03E-08	3.01E-02	0.00E+00	1.31E-07	1.03E-08	3.01E-02
1,2,3,4,7,8,9-HpCDF	8.41E-09	1.56E-08	1.23E-09	3.01E-02	8.41E-09	1.56E-08	1.23E-09	3.01E-02	8.41E-09	1.56E-08	1.23E-09	3.01E-02	0.00E+00	1.56E-08	1.23E-09	3.01E-02
1,2,3,4,7,8-HxCDD	8.16E-09	1.51E-08	1.19E-09	3.01E-02	8.16E-09	1.51E-08	1.19E-09	3.01E-02	8.16E-09	1.51E-08	1.19E-09	3.01E-02	0.00E+00	1.51E-08	1.19E-09	3.01E-02
1,2,3,4,7,8-HxCDF	6.47E-08	1.20E-07	9.45E-09	3.03E-02	6.47E-08	1.20E-07	9.45E-09	3.03E-02	6.47E-08	1.20E-07	9.45E-09	3.03E-02	0.00E+00	1.20E-07	9.45E-09	3.03E-02
1,2,3,6,7,8-HxCDD	1.67E-08	3.09E-08	2.44E-09	3.02E-02	1.67E-08	3.09E-08	2.44E-09	3.02E-02	1.67E-08	3.09E-08	2.44E-09	3.02E-02	0.00E+00	3.09E-08	2.44E-09	3.02E-02
1,2,3,6,7,8-HxCDF	2.14E-08	3.95E-08	3.12E-09	3.05E-02	2.14E-08	3.95E-08	3.12E-09	3.05E-02	2.14E-08	3.95E-08	3.12E-09	3.05E-02	0.00E+00	3.95E-08	3.12E-09	3.05E-02
1,2,3,7,8,9-HxCDD	2.63E-08	4.86E-08	3.84E-09	3.05E-02	2.63E-08	4.86E-08	3.84E-09	3.05E-02	2.63E-08	4.86E-08	3.84E-09	3.05E-02	0.00E+00	4.86E-08	3.84E-09	3.05E-02
1,2,3,7,8,9-HxCDF	1.54E-09	2.84E-09	2.24E-10	3.02E-02	1.54E-09	2.84E-09	2.24E-10	3.02E-02	1.54E-09	2.84E-09	2.24E-10	3.02E-02	0.00E+00	2.84E-09	2.24E-10	3.02E-02
1,2,3,7,8-PeCDD	9.33E-09	1.73E-08	1.36E-09	3.06E-02	9.33E-09	1.73E-08	1.36E-09	3.06E-02	9.33E-09	1.73E-08	1.36E-09	3.06E-02	0.00E+00	1.73E-08	1.36E-09	3.06E-02
1,2,3,7,8-PeCDF	1.10E-08	2.04E-08	1.60E-09	3.02E-02	1.10E-08	2.04E-08	1.60E-09	3.02E-02	1.10E-08	2.04E-08	1.60E-09	3.02E-02	0.00E+00	2.04E-08	1.60E-09	3.02E-02
1,2,3-Trichlorobenzene	0.00E+00	0.00E+00	0.00E+00	3.50E+00	0.00E+00	0.00E+00	0.00E+00	3.50E+00	0.00E+00	0.00E+00	0.00E+00	3.50E+00	0.00E+00	0.00E+00	0.00E+00	3.50E+00
1,2,3-Trichloropropane	0.00E+00	0.00E+00	0.00E+00	1.09E+04	0.00E+00	0.00E+00	0.00E+00	1.09E+04	0.00E+00	0.00E+00	0.00E+00	1.09E+04	0.00E+00	0.00E+00	0.00E+00	1.09E+04
1,2,4-Trimethylbenzene	0.00E+00	0.00E+00	0.00E+00	3.19E+03	0.00E+00	0.00E+00	0.00E+00	3.19E+03	0.00E+00	0.00E+00	0.00E+00	3.19E+03	0.00E+00	0.00E+00	0.00E+00	3.19E+03
1,2,4-trichlorobenzene	0.00E+00	0.00E+00	0.00E+00	6.13E+02	0.00E+00	0.00E+00	0.00E+00	6.13E+02	0.00E+00	0.00E+00	0.00E+00	6.13E+02	0.00E+00	0.00E+00	0.00E+00	6.13E+02
1,2-Dibromoethane	0.00E+00	0.00E+00	0.00E+00	4.67E+02	0.00E+00	0.00E+00	0.00E+00	4.67E+02	0.00E+00	0.00E+00	0.00E+00	4.67E+02	0.00E+00	0.00E+00	0.00E+00	4.67E+02
1,2-Dichloroethane	0.00E+00	0.00E+00	0.00E+00	1.53E+05	0.00E+00	0.00E+00	0.00E+00	1.53E+05	0.00E+00	0.00E+00	0.00E+00	1.53E+05	0.00E+00	0.00E+00	0.00E+00	1.53E+05
1,2-dichlorobenzene	0.00E+00	0.00E+00	0.00E+00	1.81E+03	0.00E+00	0.00E+00	0.00E+00	1.81E+03	0.00E+00	0.00E+00	0.00E+00	1.81E+03	0.00E+00	0.00E+00	0.00E+00	1.81E+03
1,3,5-Trimethylbenzene	0.00E+00	0.00E+00	0.00E+00	4.52E+03	0.00E+00	0.00E+00	0.00E+00	4.52E+03	0.00E+00	0.00E+00	0.00E+00	4.52E+03	0.00E+00	0.00E+00	0.00E+00	4.52E+03
1,3-Butadiene	0.00E+00	0.00E+00	0.00E+00	9.67E+05	0.00E+00	0.00E+00	0.00E+00	9.67E+05	0.00E+00	0.00E+00	0.00E+00	9.67E+05	0.00E+00	0.00E+00	0.00E+00	9.67E+05
1,3-Dichloropropane	0.00E+00	0.00E+00	0.00E+00	5.25E+03	0.00E+00	0.00E+00	0.00E+00	5.25E+03	0.00E+00	0.00E+00	0.00E+00	5.25E+03	0.00E+00	0.00E+00	0.00E+00	5.25E+03
1,3-dichlorobenzene	0.00E+00	0.00E+00	0.00E+00	1.32E+03	0.00E+00	0.00E+00	0.00E+00	1.32E+03	0.00E+00	0.00E+00	0.00E+00	1.32E+03	0.00E+00	0.00E+00	0.00E+00	1.32E+03
1,4-Dioxane	0.00E+00	0.00E+00	0.00E+00	5.77E+03	0.00E+00	0.00E+00	0.00E+00	5.77E+03	0.00E+00	0.00E+00	0.00E+00	5.77E+03	0.00E+00	0.00E+00	0.00E+00	5.77E+03
1,4-dichlorobenzene	0.00E+00	0.00E+00	0.00E+00	7.23E+03	0.00E+00	0.00E+00	0.00E+00	7.23E+03	0.00E+00	0.00E+00	0.00E+00	7.23E+03	0.00E+00	0.00E+00	0.00E+00	7.23E+03
1-Methylnaphthalene	5.48E-09	5.48E-09	3.90E-04	7.10E+04	5.48E-09	5.48E-09	3.90E-04	7.10E+04	5.48E-09	5.48E-09	3.90E-04	7.10E+04	6.23E-03	5.48E-09	3.90E-04	7.10E+04
1-Methylphenanthrene	3.70E-06	3.72E-06	4.65E-05	1.25E+01	3.70E-06	3.72E-06	4.65E-05	1.25E+01	3.70E-06	3.72E-06	4.65E-05	1.25E+01	7.44E-04	3.72E-06	4.65E-05	1.25E+01
2,3,4,6,7,8-HxCDF	3.26E-08	6.04E-08	4.76E-09	3.02E-02	3.26E-08	6.04E-08	4.76E-09	3.02E-02	3.26E-08	6.04E-08	4.76E-09	3.02E-02	0.00E+00	6.04E-08	4.76E-09	3.02E-02
2,3,4,7,8-PeCDF	2.63E-08	4.87E-08	3.84E-09	3.04E-02	2.63E-08	4.87E-08	3.84E-09	3.04E-02	2.63E-08	4.87E-08	3.84E-09	3.04E-02	0.00E+00	4.87E-08	3.84E-09	3.04E-02
2,3,5-Trimethylnaphthalene	1.80E-06	1.81E-06	2.27E-05	1.25E+01	1.80E-06	1.81E-06	2.27E-05	1.25E+01	1.80E-06	1.81E-06	2.27E-05	1.25E+01	3.62E-04	1.81E-06	2.27E-05	1.25E+01
2,3,7,8-TCDD	1.55E-09	2.85E-09	2.32E-10	3.47E-02	1.55E-09	2.85E-09	2.32E-10	3.47E-02	1.55E-09	2.85E-09	2.32E-10	3.47E-02	0.00E+00	2.85E-09	2.32E-10	3.47E-02
2,3,7,8-TCDF	3.53E-09	6.50E-09	5.21E-10	3.26E-02	3.53E-09	6.50E-09	5.21E-10	3.26E-02	3.53E-09	6.50E-09	5.21E-10	3.26E-02	0.00E+00	6.50E-09	5.21E-10	3.26E-02
2,4-Dimethylphenol	0.00E+00	0.00E+00	0.00E+00	3.62E+01	0.00E+00	0.00E+00	0.00E+00	3.62E+01	0.00E+00	0.00E+00	0.00E+00	3.62E+01	0.00E+00	0.00E+00	0.00E+00	3.62E+01
2,4-Dinitrotoluene	0.00E+00	0.00E+00	0.00E+00	4.67E+00	0.00E+00	0.00E+00	0.00E+00	4.67E+00	0.00E+00	0.00E+00	0.00E+00	4.67E+00	0.00E+00	0.00E+00	0.00E+00	4.67E+00
2,6-Dimethylnaphthalene	4.81E-06	4.83E-06	6.04E-05	1.25E+01	4.81E-06	4.83E-06	6.04E-05	1.25E+01	4.81E-06	4.83E-06	6.04E-05	1.25E+01	9.66E-04	4.83E-06	6.04E-05	1.25E+01
2,6-Dinitrotoluene	0.00E+00	0.00E+00	0.00E+00	4.97E+00	0.00E+00	0.00E+00	0.00E+00	4.97E+00	0.00E+00	0.00E+00	0.00E+00	4.97E+00	0.00E+00	0.00E+00	0.00E+00	4.97E+00
2-Butanone	0.00E+00	0.00E+00	0.00E+00	8.58E+02	0.00E+00	0.00E+00	0.00E+00	8.58E+02	0.00E+00	0.00E+00	0.00E+00	8.58E+02	0.00E+00	0.00E+00	0.00E+00	8.58E+02
2-Chlorophenol	0.00E+00	0.00E+00	0.00E+00	5.82E+00	0.00E+00	0.00E+00	0.00E+00	5.82E+00	0.00E+00	0.00E+00	0.00E+00	5.82E+00	0.00E+00	0.00E+00	0.00E+00	5.82E+00
2-Chlorotoluene	0.00E+00	0.00E+00	0.00E+00	3.07E+03	0.00E+00	0.00E+00	0.00E+00	3.07E+03	0.00E+00	0.00E+00	0.00E+00	3.07E+03	0.00E+00	0.00E+00	0.00E+00	3.07E+03
2-Hexanone	0.00E+00	0.00E+00	0.00E+00	2.30E+03	0.00E+00	0.00E+00	0.00E+00	2.30E+03	0.00E+00	0.00E+00	0.00E+00	2.30E+03	0.00E+00	0.00E+00	0.00E+00	2.30E+03
2-Methylnaphthalene	5.31E-09	5.31E-09	3.78E-04	7.11E+04	5.31E-09	5.31E-09	3.78E-04	7.11E+04	5.31E-09	5.31E-09	3.78E-04	7.11E+04	6.05E-03	5.31E-09	3.78E-04	7.11E+04
2-Methylphenol	0.00E+00	0.00E+00	0.00E+00	4.40E+01	0.00E+00	0.00E+00	0.00E+00	4.40E+01	0.00E+00	0.00E+00	0.00E+00	4.40E+01	0.00E+00	0.00E+00	0.00E+00	4.40E+01
2-Nitrophenol	0.00E+00	0.00E+00	0.00E+00	1.29E+01	0.00E+00	0.00E+00	0.00E+00	1.29E+01	0.00E+00	0.00E+00	0.00E+00	1.29E+01	0.00E+00	0.00E+00	0.00E+00	1.29E+01
3-Methylphenol & 4-Methylphenol	9.41E-05	9.46E-05	1.18E-03	1.25E+01	9.41E-05	9.46E-05	1.18E-03	1.25E+01	9.41E-05	9.46E-05	1.18E-03	1.25E+01	1.89E-02	9.46E-05	1.18E-03	1.25E+01



Table G-27: Average COPC Concentrations in Soil in the Watershed Used in Fish Tissue Model Calculations Based on a 16-Year ACI Operational Time Frame

COPC	16-Year ACI Operational Time Frame															
	1-Year Exposure Duration				3-Year Exposure Duration				6-Year Exposure Duration				25-Year Exposure Duration			
	Soil Concentration		Total Deposition	COPC Soil Loss Constant Due to All Processes	Soil Concentration		Total Deposition	COPC Soil Loss Constant Due to All Processes	Soil Concentration		Total Deposition	COPC Soil Loss Constant Due to All Processes	Soil Concentration		Total Deposition	COPC Soil Loss Constant Due to All Processes
	Cancer	Noncancer			Cancer	Noncancer			Cancer	Noncancer			Cancer	Noncancer		
	Cs		Ds	ks	Cs		Ds	ks	Cs		Ds	ks	Cs		Ds	ks
mg/kg		mg COPC/kg soil/yr	yr ⁻¹	mg/kg		mg COPC/kg soil/yr	yr ⁻¹	mg/kg		mg COPC/kg soil/yr	yr ⁻¹	mg/kg		mg COPC/kg soil/yr	yr ⁻¹	
4-Nitrophenol	0.00E+00	0.00E+00	0.00E+00	2.12E+02	0.00E+00	0.00E+00	0.00E+00	2.12E+02	0.00E+00	0.00E+00	0.00E+00	2.12E+02	0.00E+00	0.00E+00	0.00E+00	2.12E+02
Acenaphthylene	1.54E-05	1.55E-05	2.22E-04	1.43E+01	1.54E-05	1.55E-05	2.22E-04	1.43E+01	1.54E-05	1.55E-05	2.22E-04	1.43E+01	3.55E-03	1.55E-05	2.22E-04	1.43E+01
Acenaphthene	0.00E+00	0.00E+00	0.00E+00	2.49E+00	0.00E+00	0.00E+00	0.00E+00	2.49E+00	0.00E+00	0.00E+00	0.00E+00	2.49E+00	0.00E+00	0.00E+00	0.00E+00	2.49E+00
Acetaldehyde	0.00E+00	0.00E+00	0.00E+00	8.54E+04	0.00E+00	0.00E+00	0.00E+00	8.54E+04	0.00E+00	0.00E+00	0.00E+00	8.54E+04	0.00E+00	0.00E+00	0.00E+00	8.54E+04
Acetophenone	0.00E+00	0.00E+00	0.00E+00	9.78E+01	0.00E+00	0.00E+00	0.00E+00	9.78E+01	0.00E+00	0.00E+00	0.00E+00	9.78E+01	0.00E+00	0.00E+00	0.00E+00	9.78E+01
Aluminum	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	1.44E-03
Anthracene	0.00E+00	0.00E+00	0.00E+00	5.51E-01	0.00E+00	0.00E+00	0.00E+00	5.51E-01	0.00E+00	0.00E+00	0.00E+00	5.51E-01	0.00E+00	0.00E+00	0.00E+00	5.51E-01
Antimony	0.00E+00	0.00E+00	0.00E+00	2.25E+03	0.00E+00	0.00E+00	0.00E+00	2.25E+03	0.00E+00	0.00E+00	0.00E+00	2.25E+03	0.00E+00	0.00E+00	0.00E+00	2.25E+03
Arsenic	3.57E-10	3.57E-10	3.83E-05	1.07E+05	3.57E-10	3.57E-10	3.83E-05	1.07E+05	3.57E-10	3.57E-10	3.83E-05	1.07E+05	6.13E-04	3.57E-10	3.83E-05	1.07E+05
Barium	6.27E-02	1.10E-01	1.02E-02	5.27E-02	6.27E-02	1.10E-01	1.02E-02	5.27E-02	6.27E-02	1.10E-01	1.02E-02	5.27E-02	0.00E+00	1.10E-01	1.02E-02	5.27E-02
Benzene	0.00E+00	0.00E+00	0.00E+00	2.15E+05	0.00E+00	0.00E+00	0.00E+00	2.15E+05	0.00E+00	0.00E+00	0.00E+00	2.15E+05	0.00E+00	0.00E+00	0.00E+00	2.15E+05
Benzo(a)anthracene	4.04E-05	4.84E-05	1.80E-05	3.70E-01	4.04E-05	4.84E-05	1.80E-05	3.70E-01	4.04E-05	4.84E-05	1.80E-05	3.70E-01	1.62E-04	4.84E-05	1.80E-05	3.70E-01
Benzo(a)pyrene	1.78E-05	2.05E-05	9.85E-06	4.80E-01	1.78E-05	2.05E-05	9.85E-06	4.80E-01	1.78E-05	2.05E-05	9.85E-06	4.80E-01	1.17E-04	2.05E-05	9.85E-06	4.80E-01
Benzo(b)fluoranthene	9.74E-07	1.15E-06	4.72E-07	4.11E-01	9.74E-07	1.15E-06	4.72E-07	4.11E-01	9.74E-07	1.15E-06	4.72E-07	4.11E-01	4.86E-06	1.15E-06	4.72E-07	4.11E-01
Benzo(e)pyrene	8.36E-07	8.40E-07	1.20E-05	1.43E+01	8.36E-07	8.40E-07	1.20E-05	1.43E+01	8.36E-07	8.40E-07	1.20E-05	1.43E+01	1.92E-04	8.40E-07	1.20E-05	1.43E+01
Benzo(g,h,i)perylene	6.31E-07	6.34E-07	9.08E-06	1.43E+01	6.31E-07	6.34E-07	9.08E-06	1.43E+01	6.31E-07	6.34E-07	9.08E-06	1.43E+01	1.45E-04	6.34E-07	9.08E-06	1.43E+01
Benzo(k)fluoranthene	6.21E-07	9.55E-07	1.34E-07	1.20E-01	6.21E-07	9.55E-07	1.34E-07	1.20E-01	6.21E-07	9.55E-07	1.34E-07	1.20E-01	0.00E+00	9.55E-07	1.34E-07	1.20E-01
Benzoic acid	0.00E+00	0.00E+00	0.00E+00	4.06E+01	0.00E+00	0.00E+00	0.00E+00	4.06E+01	0.00E+00	0.00E+00	0.00E+00	4.06E+01	0.00E+00	0.00E+00	0.00E+00	4.06E+01
Benzyl alcohol	0.00E+00	0.00E+00	0.00E+00	8.70E+00	0.00E+00	0.00E+00	0.00E+00	8.70E+00	0.00E+00	0.00E+00	0.00E+00	8.70E+00	0.00E+00	0.00E+00	0.00E+00	8.70E+00
Beryllium	3.77E-08	3.77E-08	2.89E-06	7.68E+01	3.77E-08	3.77E-08	2.89E-06	7.68E+01	3.77E-08	3.77E-08	2.89E-06	7.68E+01	4.63E-05	3.77E-08	2.89E-06	7.68E+01
Biphenyl	8.61E-08	8.61E-08	1.31E-03	1.52E+04	8.61E-08	8.61E-08	1.31E-03	1.52E+04	8.61E-08	8.61E-08	1.31E-03	1.52E+04	2.09E-02	8.61E-08	1.31E-03	1.52E+04
Bromobenzene	0.00E+00	0.00E+00	0.00E+00	2.97E+03	0.00E+00	0.00E+00	0.00E+00	2.97E+03	0.00E+00	0.00E+00	0.00E+00	2.97E+03	0.00E+00	0.00E+00	0.00E+00	2.97E+03
Bromochloromethane	0.00E+00	0.00E+00	0.00E+00	2.74E+04	0.00E+00	0.00E+00	0.00E+00	2.74E+04	0.00E+00	0.00E+00	0.00E+00	2.74E+04	0.00E+00	0.00E+00	0.00E+00	2.74E+04
Bromodichloromethane	0.00E+00	0.00E+00	0.00E+00	7.71E+02	0.00E+00	0.00E+00	0.00E+00	7.71E+02	0.00E+00	0.00E+00	0.00E+00	7.71E+02	0.00E+00	0.00E+00	0.00E+00	7.71E+02
Bromoform	0.00E+00	0.00E+00	0.00E+00	4.03E+06	0.00E+00	0.00E+00	0.00E+00	4.03E+06	0.00E+00	0.00E+00	0.00E+00	4.03E+06	0.00E+00	0.00E+00	0.00E+00	4.03E+06
Bromomethane	0.00E+00	0.00E+00	0.00E+00	2.64E+05	0.00E+00	0.00E+00	0.00E+00	2.64E+05	0.00E+00	0.00E+00	0.00E+00	2.64E+05	0.00E+00	0.00E+00	0.00E+00	2.64E+05
Butyl benzyl phthalate	9.73E-08	9.75E-08	3.52E-06	3.61E+01	9.73E-08	9.75E-08	3.52E-06	3.61E+01	9.73E-08	9.75E-08	3.52E-06	3.61E+01	5.64E-05	9.75E-08	3.52E-06	3.61E+01
Cadmium	2.95E-08	2.95E-08	4.94E-05	1.67E+03	2.95E-08	2.95E-08	4.94E-05	1.67E+03	2.95E-08	2.95E-08	4.94E-05	1.67E+03	7.90E-04	2.95E-08	4.94E-05	1.67E+03
Carbazole	2.12E-07	2.13E-07	2.66E-06	1.25E+01	2.12E-07	2.13E-07	2.66E-06	1.25E+01	2.12E-07	2.13E-07	2.66E-06	1.25E+01	4.25E-05	2.13E-07	2.66E-06	1.25E+01
Carbon dioxide	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01
Carbon disulfide	0.00E+00	0.00E+00	0.00E+00	1.80E+06	0.00E+00	0.00E+00	0.00E+00	1.80E+06	0.00E+00	0.00E+00	0.00E+00	1.80E+06	0.00E+00	0.00E+00	0.00E+00	1.80E+06
Carbon monoxide	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01
Carbon tetrachloride	0.00E+00	0.00E+00	0.00E+00	3.50E+05	0.00E+00	0.00E+00	0.00E+00	3.50E+05	0.00E+00	0.00E+00	0.00E+00	3.50E+05	0.00E+00	0.00E+00	0.00E+00	3.50E+05
Chlordecone (Kepone)	0.00E+00	0.00E+00	0.00E+00	7.47E+00	0.00E+00	0.00E+00	0.00E+00	7.47E+00	0.00E+00	0.00E+00	0.00E+00	7.47E+00	0.00E+00	0.00E+00	0.00E+00	7.47E+00
Chlorobenzene	0.00E+00	0.00E+00	0.00E+00	3.22E+04	0.00E+00	0.00E+00	0.00E+00	3.22E+04	0.00E+00	0.00E+00	0.00E+00	3.22E+04	0.00E+00	0.00E+00	0.00E+00	3.22E+04
Chlorodibromomethane	0.00E+00	0.00E+00	0.00E+00	6.26E+01	0.00E+00	0.00E+00	0.00E+00	6.26E+01	0.00E+00	0.00E+00	0.00E+00	6.26E+01	0.00E+00	0.00E+00	0.00E+00	6.26E+01
Chloroethane	0.00E+00	0.00E+00	0.00E+00	3.90E+06	0.00E+00	0.00E+00	0.00E+00	3.90E+06	0.00E+00	0.00E+00	0.00E+00	3.90E+06	0.00E+00	0.00E+00	0.00E+00	3.90E+06
Chloroform	0.00E+00	0.00E+00	0.00E+00	2.52E+05	0.00E+00	0.00E+00	0.00E+00	2.52E+05	0.00E+00	0.00E+00	0.00E+00	2.52E+05	0.00E+00	0.00E+00	0.00E+00	2.52E+05
Chloromethane	0.00E+00	0.00E+00	0.00E+00	9.70E+05	0.00E+00	0.00E+00	0.00E+00	9.70E+05	0.00E+00	0.00E+00	0.00E+00	9.70E+05	0.00E+00	0.00E+00	0.00E+00	9.70E+05
Chromium	1.94E-03	3.02E-03	4.08E-04	1.13E-01	1.94E-03	3.02E-03	4.08E-04	1.13E-01	1.94E-03	3.02E-03	4.08E-04	1.13E-01	0.00E+00	3.02E-03	4.08E-04	1.13E-01
Chrysene	4.74E-05	6.16E-05	1.57E-05	2.50E-01	4.74E-05	6.16E-05	1.57E-05	2.50E-01	4.74E-05	6.16E-05	1.57E-05	2.50E-01	1.36E-05	6.16E-05	1.57E-05	2.50E-01
Cobalt	6.10E-03	1.08E-02	9.70E-04	4.80E-02	6.10E-03	1.08E-02	9.70E-04	4.80E-02	6.10E-03	1.08E-02	9.70E-04	4.80E-02	0.00E+00	1.08E-02	9.70E-04	4.80E-02
Copper	7.04E-03	1.21E-02	1.19E-03	6.17E-02	7.04E-03	1.21E-02	1.19E-03	6.17E-02	7.04E-03	1.21E-02	1.19E-03	6.17E-02	0.00E+00	1.21E-02	1.19E-03	6.17E-02
DDD	0.00E+00	0.00E+00	0.00E+00	4.00E-02	0.00E+00	0.00E+00	0.00E+00	4.00E-02	0.00E+00	0.00E+00	0.00E+00	4.00E-02	0.00E+00	0.00E+00	0.00E+00	4.00E-02
DDE	0.00E+00	0.00E+00	0.00E+00	4.00E-02	0.00E+00	0.00E+00	0.00E+00	4.00E-02	0.00E+00	0.00E+00	0.00E+00	4.00E-02	0.00E+00	0.00E+00	0.00E+00	4.00E-02
Di-n-butyl phthalate	9.74E-08	9.80E-08	1.08E-06	1.10E+01	9.74E-08	9.80E-08	1.08E-06	1.10E+01	9.74E-08	9.80E-08	1.08E-06	1.10E+01	1.72E-05	9.80E-08	1.08E-06	1.10E+01



Table G-27: Average COPC Concentrations in Soil in the Watershed Used in Fish Tissue Model Calculations Based on a 16-Year ACI Operational Time Frame

COPC	16-Year ACI Operational Time Frame															
	1-Year Exposure Duration				3-Year Exposure Duration				6-Year Exposure Duration				25-Year Exposure Duration			
	Soil Concentration		Total Deposition	COPC Soil Loss Constant Due to All Processes	Soil Concentration		Total Deposition	COPC Soil Loss Constant Due to All Processes	Soil Concentration		Total Deposition	COPC Soil Loss Constant Due to All Processes	Soil Concentration		Total Deposition	COPC Soil Loss Constant Due to All Processes
	Cancer	Noncancer			Cancer	Noncancer			Cancer	Noncancer			Cancer	Noncancer		
	Cs		Ds	ks	Cs		Ds	ks	Cs		Ds	ks	Cs		Ds	ks
mg/kg		mg COPC/kg soil/yr	yr ⁻¹	mg/kg		mg COPC/kg soil/yr	yr ⁻¹	mg/kg		mg COPC/kg soil/yr	yr ⁻¹	mg/kg		mg COPC/kg soil/yr	yr ⁻¹	
Di-n-octyl phthalate	1.67E-07	1.69E-07	1.52E-06	9.03E+00	1.67E-07	1.69E-07	1.52E-06	9.03E+00	1.67E-07	1.69E-07	1.52E-06	9.03E+00	2.43E-05	1.69E-07	1.52E-06	9.03E+00
Dibenze(a,h)anthracene	5.97E-06	7.63E-06	2.09E-06	2.70E-01	5.97E-06	7.63E-06	2.09E-06	2.70E-01	5.97E-06	7.63E-06	2.09E-06	2.70E-01	6.18E-06	7.63E-06	2.09E-06	2.70E-01
Dibenzofuran	1.41E-08	1.41E-08	1.14E-04	8.07E+03	1.41E-08	1.41E-08	1.14E-04	8.07E+03	1.41E-08	1.41E-08	1.14E-04	8.07E+03	1.82E-03	1.41E-08	1.14E-04	8.07E+03
Dibromomethane	0.00E+00	0.00E+00	0.00E+00	1.55E+02	0.00E+00	0.00E+00	0.00E+00	1.55E+02	0.00E+00	0.00E+00	0.00E+00	1.55E+02	0.00E+00	0.00E+00	0.00E+00	1.55E+02
Dichlorobiphenyl	7.40E-09	1.36E-08	1.10E-09	3.42E-02	7.40E-09	1.36E-08	1.10E-09	3.42E-02	7.40E-09	1.36E-08	1.10E-09	3.42E-02	0.00E+00	1.36E-08	1.10E-09	3.42E-02
Dichlorodifluoromethane	0.00E+00	0.00E+00	0.00E+00	2.90E+04	0.00E+00	0.00E+00	0.00E+00	2.90E+04	0.00E+00	0.00E+00	0.00E+00	2.90E+04	0.00E+00	0.00E+00	0.00E+00	2.90E+04
Dieldrin	0.00E+00	0.00E+00	0.00E+00	2.98E-01	0.00E+00	0.00E+00	0.00E+00	2.98E-01	0.00E+00	0.00E+00	0.00E+00	2.98E-01	0.00E+00	0.00E+00	0.00E+00	2.98E-01
Dimethyl phthalate	0.00E+00	0.00E+00	0.00E+00	4.16E+01	0.00E+00	0.00E+00	0.00E+00	4.16E+01	0.00E+00	0.00E+00	0.00E+00	4.16E+01	0.00E+00	0.00E+00	0.00E+00	4.16E+01
Ethylbenzene	0.00E+00	0.00E+00	0.00E+00	4.25E+04	0.00E+00	0.00E+00	0.00E+00	4.25E+04	0.00E+00	0.00E+00	0.00E+00	4.25E+04	0.00E+00	0.00E+00	0.00E+00	4.25E+04
Fluoranthene	1.38E-06	1.55E-06	8.84E-07	5.70E-01	1.38E-06	1.55E-06	8.84E-07	5.70E-01	1.38E-06	1.55E-06	8.84E-07	5.70E-01	1.15E-05	1.55E-06	8.84E-07	5.70E-01
Fluorene	0.00E+00	0.00E+00	0.00E+00	4.22E+00	0.00E+00	0.00E+00	0.00E+00	4.22E+00	0.00E+00	0.00E+00	0.00E+00	4.22E+00	0.00E+00	0.00E+00	0.00E+00	4.22E+00
Formaldehyde	0.00E+00	0.00E+00	0.00E+00	2.07E+02	0.00E+00	0.00E+00	0.00E+00	2.07E+02	0.00E+00	0.00E+00	0.00E+00	2.07E+02	0.00E+00	0.00E+00	0.00E+00	2.07E+02
Heptachlorobiphenyl	8.30E-10	1.54E-09	1.21E-10	3.07E-02	8.30E-10	1.54E-09	1.21E-10	3.07E-02	8.30E-10	1.54E-09	1.21E-10	3.07E-02	0.00E+00	1.54E-09	1.21E-10	3.07E-02
Hexachlorobiphenyl	3.56E-09	6.58E-09	5.21E-10	3.07E-02	3.56E-09	6.58E-09	5.21E-10	3.07E-02	3.56E-09	6.58E-09	5.21E-10	3.07E-02	0.00E+00	6.58E-09	5.21E-10	3.07E-02
Hexachlorobutadiene	0.00E+00	0.00E+00	0.00E+00	4.54E+00	0.00E+00	0.00E+00	0.00E+00	4.54E+00	0.00E+00	0.00E+00	0.00E+00	4.54E+00	0.00E+00	0.00E+00	0.00E+00	4.54E+00
Hydrogen Chloride	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01
Hydrogen cyanide	0.00E+00	0.00E+00	0.00E+00	1.18E+02	0.00E+00	0.00E+00	0.00E+00	1.18E+02	0.00E+00	0.00E+00	0.00E+00	1.18E+02	0.00E+00	0.00E+00	0.00E+00	1.18E+02
Hydrogen sulfide	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01
Indeno(1,2,3-cd)pyrene	1.71E-05	2.07E-05	7.29E-06	3.50E-01	1.71E-05	2.07E-05	7.29E-06	3.50E-01	1.71E-05	2.07E-05	7.29E-06	3.50E-01	5.96E-05	2.07E-05	7.29E-06	3.50E-01
Iron	0.00E+00	0.00E+00	0.00E+00	8.62E-02	0.00E+00	0.00E+00	0.00E+00	8.62E-02	0.00E+00	0.00E+00	0.00E+00	8.62E-02	0.00E+00	0.00E+00	0.00E+00	8.62E-02
Isopropanol	0.00E+00	0.00E+00	0.00E+00	2.93E+03	0.00E+00	0.00E+00	0.00E+00	2.93E+03	0.00E+00	0.00E+00	0.00E+00	2.93E+03	0.00E+00	0.00E+00	0.00E+00	2.93E+03
Isopropylbenzene	0.00E+00	0.00E+00	0.00E+00	6.84E+03	0.00E+00	0.00E+00	0.00E+00	6.84E+03	0.00E+00	0.00E+00	0.00E+00	6.84E+03	0.00E+00	0.00E+00	0.00E+00	6.84E+03
Lead	3.70E-06	3.70E-06	4.16E-04	1.12E+02	3.70E-06	3.70E-06	4.16E-04	1.12E+02	3.70E-06	3.70E-06	4.16E-04	1.12E+02	6.65E-03	3.70E-06	4.16E-04	1.12E+02
Manganese	2.88E-05	2.89E-05	3.61E-04	1.25E+01	2.88E-05	2.89E-05	3.61E-04	1.25E+01	2.88E-05	2.89E-05	3.61E-04	1.25E+01	5.78E-03	2.89E-05	3.61E-04	1.25E+01
Mercury (+2)	3.56E-07	7.11E-07	4.45E-08	3.74E-05	3.56E-07	7.11E-07	4.45E-08	3.74E-05	3.56E-07	7.11E-07	4.45E-08	3.74E-05	0.00E+00	7.11E-07	4.45E-08	3.74E-05
Mercury, elemental	0.00E+00	0.00E+00	0.00E+00	4.05E+00	0.00E+00	0.00E+00	0.00E+00	4.05E+00	0.00E+00	0.00E+00	0.00E+00	4.05E+00	0.00E+00	0.00E+00	0.00E+00	4.05E+00
Methyl Isobutyl Ketone	0.00E+00	0.00E+00	0.00E+00	2.87E+02	0.00E+00	0.00E+00	0.00E+00	2.87E+02	0.00E+00	0.00E+00	0.00E+00	2.87E+02	0.00E+00	0.00E+00	0.00E+00	2.87E+02
Methyl Mercury	3.70E-08	7.39E-08	4.64E-09	4.95E-04	3.70E-08	7.39E-08	4.64E-09	4.95E-04	3.70E-08	7.39E-08	4.64E-09	4.95E-04	0.00E+00	7.39E-08	4.64E-09	4.95E-04
Methylene chloride	0.00E+00	0.00E+00	0.00E+00	4.85E+05	0.00E+00	0.00E+00	0.00E+00	4.85E+05	0.00E+00	0.00E+00	0.00E+00	4.85E+05	0.00E+00	0.00E+00	0.00E+00	4.85E+05
Monochlorobiphenyl	5.16E-08	9.46E-08	7.67E-09	3.42E-02	5.16E-08	9.46E-08	7.67E-09	3.42E-02	5.16E-08	9.46E-08	7.67E-09	3.42E-02	0.00E+00	9.46E-08	7.67E-09	3.42E-02
NOx (Oxides of Nitrogen)	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01
Napthalene	0.00E+00	0.00E+00	0.00E+00	1.02E+01	0.00E+00	0.00E+00	0.00E+00	1.02E+01	0.00E+00	0.00E+00	0.00E+00	1.02E+01	0.00E+00	0.00E+00	0.00E+00	1.02E+01
Nickel	1.47E-07	1.47E-07	2.29E-04	1.55E+03	1.47E-07	1.47E-07	2.29E-04	1.55E+03	1.47E-07	1.47E-07	2.29E-04	1.55E+03	3.66E-03	1.47E-07	2.29E-04	1.55E+03
Nonachlorobiphenyl	1.26E-10	2.33E-10	1.84E-11	3.07E-02	1.26E-10	2.33E-10	1.84E-11	3.07E-02	1.26E-10	2.33E-10	1.84E-11	3.07E-02	0.00E+00	2.33E-10	1.84E-11	3.07E-02
OCDD	4.70E-08	8.70E-08	6.85E-09	3.00E-02	4.70E-08	8.70E-08	6.85E-09	3.00E-02	4.70E-08	8.70E-08	6.85E-09	3.00E-02	0.00E+00	8.70E-08	6.85E-09	3.00E-02
OCDF	1.78E-08	3.29E-08	2.59E-09	3.00E-02	1.78E-08	3.29E-08	2.59E-09	3.00E-02	1.78E-08	3.29E-08	2.59E-09	3.00E-02	0.00E+00	3.29E-08	2.59E-09	3.00E-02
Octachlorobiphenyl	2.58E-10	4.78E-10	3.78E-11	3.07E-02	2.58E-10	4.78E-10	3.78E-11	3.07E-02	2.58E-10	4.78E-10	3.78E-11	3.07E-02	0.00E+00	4.78E-10	3.78E-11	3.07E-02
PM<10	1.41E-01	1.42E-01	1.78E+00	1.25E+01	1.41E-01	1.42E-01	1.78E+00	1.25E+01	1.41E-01	1.42E-01	1.78E+00	1.25E+01	2.84E+01	1.42E-01	1.78E+00	1.25E+01
PM<2.5	1.18E-01	1.18E-01	1.48E+00	1.25E+01	1.18E-01	1.18E-01	1.48E+00	1.25E+01	1.18E-01	1.18E-01	1.48E+00	1.25E+01	2.37E+01	1.18E-01	1.48E+00	1.25E+01
Total Suspended Particulate	1.10E-01	1.10E-01	1.38E+00	1.25E+01	1.10E-01	1.10E-01	1.38E+00	1.25E+01	1.10E-01	1.10E-01	1.38E+00	1.25E+01	2.21E+01	1.10E-01	1.38E+00	1.25E+01
Pentachlorobiphenyl	1.24E-08	2.29E-08	1.81E-09	3.07E-02	1.24E-08	2.29E-08	1.81E-09	3.07E-02	1.24E-08	2.29E-08	1.81E-09	3.07E-02	0.00E+00	2.29E-08	1.81E-09	3.07E-02
Perylene	3.67E-07	3.69E-07	5.28E-06	1.43E+01	3.67E-07	3.69E-07	5.28E-06	1.43E+01	3.67E-07	3.69E-07	5.28E-06	1.43E+01	8.44E-05	3.69E-07	5.28E-06	1.43E+01
Phenanthrene	0.00E+00	0.00E+00	0.00E+00	1.26E+00	0.00E+00	0.00E+00	0.00E+00	1.26E+00	0.00E+00	0.00E+00	0.00E+00	1.26E+00	0.00E+00	0.00E+00	0.00E+00	1.26E+00
Phenol	0.00E+00	0.00E+00	0.00E+00	2.62E+01	0.00E+00	0.00E+00	0.00E+00	2.62E+01	0.00E+00	0.00E+00	0.00E+00	2.62E+01	0.00E+00	0.00E+00	0.00E+00	2.62E+01
Phosphorus	2.69E-07	2.69E-07	1.86E-03	6.93E+03	2.69E-07	2.69E-07	1.86E-03	6.93E+03	2.69E-07	2.69E-07	1.86E-03	6.93E+03	2.98E-02	2.69E-07	1.86E-03	6.93E+03
Propionaldehyde	4.78E-08	4.78E-08	2.03E-03	4.24E+04	4.78E-08	4.78E-08	2.03E-03	4.24E+04	4.78E-08	4.78E-08	2.03E-03	4.24E+04	3.24E-02	4.78E-08	2.03E-03	4.24E+04



Table G-27: Average COPC Concentrations in Soil in the Watershed Used in Fish Tissue Model Calculations Based on a 16-Year ACI Operational Time Frame

COPC	16-Year ACI Operational Time Frame															
	1-Year Exposure Duration				3-Year Exposure Duration				6-Year Exposure Duration				25-Year Exposure Duration			
	Soil Concentration		Total Deposition	COPC Soil Loss Constant Due to All Processes	Soil Concentration		Total Deposition	COPC Soil Loss Constant Due to All Processes	Soil Concentration		Total Deposition	COPC Soil Loss Constant Due to All Processes	Soil Concentration		Total Deposition	COPC Soil Loss Constant Due to All Processes
	Cancer	Noncancer			Cancer	Noncancer			Cancer	Noncancer			Cancer	Noncancer		
	Cs		Ds	ks	Cs		Ds	ks	Cs		Ds	ks	Cs		Ds	ks
mg/kg		mg COPC/kg soil/yr	yr ⁻¹	mg/kg		mg COPC/kg soil/yr	yr ⁻¹	mg/kg		mg COPC/kg soil/yr	yr ⁻¹	mg/kg		mg COPC/kg soil/yr	yr ⁻¹	
Pyrene	3.83E-06	5.78E-06	8.60E-07	1.30E-01	3.83E-06	5.78E-06	8.60E-07	1.30E-01	3.83E-06	5.78E-06	8.60E-07	1.30E-01	0.00E+00	5.78E-06	8.60E-07	1.30E-01
Pyridine	0.00E+00	0.00E+00	0.00E+00	1.01E+03	0.00E+00	0.00E+00	0.00E+00	1.01E+03	0.00E+00	0.00E+00	0.00E+00	1.01E+03	0.00E+00	0.00E+00	0.00E+00	1.01E+03
Selenium	1.46E-09	1.46E-09	1.15E-05	7.84E+03	1.46E-09	1.46E-09	1.15E-05	7.84E+03	1.46E-09	1.46E-09	1.15E-05	7.84E+03	1.84E-04	1.46E-09	1.15E-05	7.84E+03
Silver	2.33E-05	3.01E-05	7.86E-06	2.57E-01	2.33E-05	3.01E-05	7.86E-06	2.57E-01	2.33E-05	3.01E-05	7.86E-06	2.57E-01	1.29E-05	3.01E-05	7.86E-06	2.57E-01
Styrene	0.00E+00	0.00E+00	0.00E+00	9.27E+01	0.00E+00	0.00E+00	0.00E+00	9.27E+01	0.00E+00	0.00E+00	0.00E+00	9.27E+01	0.00E+00	0.00E+00	0.00E+00	9.27E+01
Sulfur Dioxide	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01
Tetrachlorobiphenyl	2.52E-09	4.62E-09	3.75E-10	3.42E-02	2.52E-09	4.62E-09	3.75E-10	3.42E-02	2.52E-09	4.62E-09	3.75E-10	3.42E-02	0.00E+00	4.62E-09	3.75E-10	3.42E-02
Tetrachloroethene	0.00E+00	0.00E+00	0.00E+00	2.19E+05	0.00E+00	0.00E+00	0.00E+00	2.19E+05	0.00E+00	0.00E+00	0.00E+00	2.19E+05	0.00E+00	0.00E+00	0.00E+00	2.19E+05
Thallium (Soluble Salts)	0.00E+00	0.00E+00	0.00E+00	3.05E-02	0.00E+00	0.00E+00	0.00E+00	3.05E-02	0.00E+00	0.00E+00	0.00E+00	3.05E-02	0.00E+00	0.00E+00	0.00E+00	3.05E-02
Titanium	2.94E-07	2.95E-07	3.69E-06	1.25E+01	2.94E-07	2.95E-07	3.69E-06	1.25E+01	2.94E-07	2.95E-07	3.69E-06	1.25E+01	5.90E-05	2.95E-07	3.69E-06	1.25E+01
Toluene	0.00E+00	0.00E+00	0.00E+00	8.35E+04	0.00E+00	0.00E+00	0.00E+00	8.35E+04	0.00E+00	0.00E+00	0.00E+00	8.35E+04	0.00E+00	0.00E+00	0.00E+00	8.35E+04
Total Reduced Sulfur	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01
Trichlorobiphenyl	3.14E-09	5.77E-09	4.68E-10	3.42E-02	3.14E-09	5.77E-09	4.68E-10	3.42E-02	3.14E-09	5.77E-09	4.68E-10	3.42E-02	0.00E+00	5.77E-09	4.68E-10	3.42E-02
Trichloroethene	0.00E+00	0.00E+00	0.00E+00	1.25E+05	0.00E+00	0.00E+00	0.00E+00	1.25E+05	0.00E+00	0.00E+00	0.00E+00	1.25E+05	0.00E+00	0.00E+00	0.00E+00	1.25E+05
Trichlorofluoromethane	0.00E+00	0.00E+00	0.00E+00	1.84E+06	0.00E+00	0.00E+00	0.00E+00	1.84E+06	0.00E+00	0.00E+00	0.00E+00	1.84E+06	0.00E+00	0.00E+00	0.00E+00	1.84E+06
Vinyl chloride	0.00E+00	0.00E+00	0.00E+00	4.05E+06	0.00E+00	0.00E+00	0.00E+00	4.05E+06	0.00E+00	0.00E+00	0.00E+00	4.05E+06	0.00E+00	0.00E+00	0.00E+00	4.05E+06
Zinc	6.53E-06	6.53E-06	1.06E-02	1.63E+03	6.53E-06	6.53E-06	1.06E-02	1.63E+03	6.53E-06	6.53E-06	1.06E-02	1.63E+03	1.70E-01	6.53E-06	1.06E-02	1.63E+03
bis(2-Ethylhexyl) phthalate	1.83E-04	1.84E-04	2.03E-03	1.10E+01	1.83E-04	1.84E-04	2.03E-03	1.10E+01	1.83E-04	1.84E-04	2.03E-03	1.10E+01	3.24E-02	1.84E-04	2.03E-03	1.10E+01
cis-1,2-Dichloroethene	0.00E+00	0.00E+00	0.00E+00	3.03E+03	0.00E+00	0.00E+00	0.00E+00	3.03E+03	0.00E+00	0.00E+00	0.00E+00	3.03E+03	0.00E+00	0.00E+00	0.00E+00	3.03E+03
cis-1,3-Dichloropropene	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01
m&p-Xylene	0.00E+00	0.00E+00	0.00E+00	1.47E+01	0.00E+00	0.00E+00	0.00E+00	1.47E+01	0.00E+00	0.00E+00	0.00E+00	1.47E+01	0.00E+00	0.00E+00	0.00E+00	1.47E+01
n-Butylbenzene	0.00E+00	0.00E+00	0.00E+00	4.39E+06	0.00E+00	0.00E+00	0.00E+00	4.39E+06	0.00E+00	0.00E+00	0.00E+00	4.39E+06	0.00E+00	0.00E+00	0.00E+00	4.39E+06
n-Propylbenzene	0.00E+00	0.00E+00	0.00E+00	4.07E+03	0.00E+00	0.00E+00	0.00E+00	4.07E+03	0.00E+00	0.00E+00	0.00E+00	4.07E+03	0.00E+00	0.00E+00	0.00E+00	4.07E+03
o-Xylene	0.00E+00	0.00E+00	0.00E+00	3.25E+04	0.00E+00	0.00E+00	0.00E+00	3.25E+04	0.00E+00	0.00E+00	0.00E+00	3.25E+04	0.00E+00	0.00E+00	0.00E+00	3.25E+04
p-Chloroaniline	0.00E+00	0.00E+00	0.00E+00	2.93E+00	0.00E+00	0.00E+00	0.00E+00	2.93E+00	0.00E+00	0.00E+00	0.00E+00	2.93E+00	0.00E+00	0.00E+00	0.00E+00	2.93E+00
p-Chlorotoluene	0.00E+00	0.00E+00	0.00E+00	3.83E+03	0.00E+00	0.00E+00	0.00E+00	3.83E+03	0.00E+00	0.00E+00	0.00E+00	3.83E+03	0.00E+00	0.00E+00	0.00E+00	3.83E+03
p-Isopropyltoluene	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01
sec-Butylbenzene	0.00E+00	0.00E+00	0.00E+00	4.87E+06	0.00E+00	0.00E+00	0.00E+00	4.87E+06	0.00E+00	0.00E+00	0.00E+00	4.87E+06	0.00E+00	0.00E+00	0.00E+00	4.87E+06
tert-Butylbenzene	0.00E+00	0.00E+00	0.00E+00	3.66E+06	0.00E+00	0.00E+00	0.00E+00	3.66E+06	0.00E+00	0.00E+00	0.00E+00	3.66E+06	0.00E+00	0.00E+00	0.00E+00	3.66E+06
trans-1,2-Dichloroethene	0.00E+00	0.00E+00	0.00E+00	3.46E+05	0.00E+00	0.00E+00	0.00E+00	3.46E+05	0.00E+00	0.00E+00	0.00E+00	3.46E+05	0.00E+00	0.00E+00	0.00E+00	3.46E+05
trans-1,3-Dichloropropene	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01

Table G-28: Average COPC Concentrations in Soil in the Watershed Used in Fish Tissue Model Calculations Based on a 30-Year ACI Operational Time Frame

COPC	30-Year ACI Operational Time Frame															
	1-Year Exposure Duration				3-Year Exposure Duration				6-Year Exposure Duration				25-Year Exposure Duration			
	Soil Concentration		Total Deposition	COPC Soil Loss Constant Due to All Processes	Soil Concentration		Total Deposition	COPC Soil Loss Constant Due to All Processes	Soil Concentration		Total Deposition	COPC Soil Loss Constant Due to All Processes	Soil Concentration		Total Deposition	COPC Soil Loss Constant Due to All Processes
	Cancer	Noncancer			Cancer	Noncancer			Cancer	Noncancer			Cancer	Noncancer		
	Cs		Ds	ks	Cs		Ds	ks	Cs		Ds	ks	Cs		Ds	ks
mg/kg		mg COPC/kg soil/yr	yr ⁻¹	mg/kg		mg COPC/kg soil/yr	yr ⁻¹	mg/kg		mg COPC/kg soil/yr	yr ⁻¹	mg/kg		mg COPC/kg soil/yr	yr ⁻¹	
1,1,1,2-Tetrachloroethane	0.00E+00	0.00E+00	0.00E+00	3.00E+03	0.00E+00	0.00E+00	0.00E+00	3.00E+03	0.00E+00	0.00E+00	0.00E+00	3.00E+03	0.00E+00	0.00E+00	0.00E+00	3.00E+03
1,1,1-Trichloroethane	0.00E+00	0.00E+00	0.00E+00	3.16E+05	0.00E+00	0.00E+00	0.00E+00	3.16E+05	0.00E+00	0.00E+00	0.00E+00	3.16E+05	0.00E+00	0.00E+00	0.00E+00	3.16E+05
1,1-Dichloroethene	0.00E+00	0.00E+00	0.00E+00	1.02E+06	0.00E+00	0.00E+00	0.00E+00	1.02E+06	0.00E+00	0.00E+00	0.00E+00	1.02E+06	0.00E+00	0.00E+00	0.00E+00	1.02E+06
1,2,3,4,6,7,8-HpCDD	1.16E-07	2.03E-07	1.03E-08	3.01E-02	1.16E-07	2.03E-07	1.03E-08	3.01E-02	1.16E-07	2.03E-07	1.03E-08	3.01E-02	1.16E-07	2.03E-07	1.03E-08	3.01E-02
1,2,3,4,6,7,8-HpCDF	1.17E-07	2.04E-07	1.03E-08	3.01E-02	1.17E-07	2.04E-07	1.03E-08	3.01E-02	1.17E-07	2.04E-07	1.03E-08	3.01E-02	1.17E-07	2.04E-07	1.03E-08	3.01E-02
1,2,3,4,7,8,9-HpCDF	1.39E-08	2.42E-08	1.23E-09	3.01E-02	1.39E-08	2.42E-08	1.23E-09	3.01E-02	1.39E-08	2.42E-08	1.23E-09	3.01E-02	1.39E-08	2.42E-08	1.23E-09	3.01E-02
1,2,3,4,7,8-HxCDD	1.35E-08	2.35E-08	1.19E-09	3.01E-02	1.35E-08	2.35E-08	1.19E-09	3.01E-02	1.35E-08	2.35E-08	1.19E-09	3.01E-02	1.35E-08	2.35E-08	1.19E-09	3.01E-02
1,2,3,4,7,8-HxCDF	1.07E-07	1.86E-07	9.45E-09	3.03E-02	1.07E-07	1.86E-07	9.45E-09	3.03E-02	1.07E-07	1.86E-07	9.45E-09	3.03E-02	1.07E-07	1.86E-07	9.45E-09	3.03E-02
1,2,3,6,7,8-HxCDD	2.76E-08	4.81E-08	2.44E-09	3.02E-02	2.76E-08	4.81E-08	2.44E-09	3.02E-02	2.76E-08	4.81E-08	2.44E-09	3.02E-02	2.76E-08	4.81E-08	2.44E-09	3.02E-02
1,2,3,6,7,8-HxCDF	3.53E-08	6.14E-08	3.12E-09	3.05E-02	3.53E-08	6.14E-08	3.12E-09	3.05E-02	3.53E-08	6.14E-08	3.12E-09	3.05E-02	3.53E-08	6.14E-08	3.12E-09	3.05E-02
1,2,3,7,8,9-HxCDD	4.34E-08	7.55E-08	3.84E-09	3.05E-02	4.34E-08	7.55E-08	3.84E-09	3.05E-02	4.34E-08	7.55E-08	3.84E-09	3.05E-02	4.34E-08	7.55E-08	3.84E-09	3.05E-02
1,2,3,7,8,9-HxCDF	2.54E-09	4.42E-09	2.24E-10	3.02E-02	2.54E-09	4.42E-09	2.24E-10	3.02E-02	2.54E-09	4.42E-09	2.24E-10	3.02E-02	2.54E-09	4.42E-09	2.24E-10	3.02E-02
1,2,3,7,8-PeCDD	1.54E-08	2.68E-08	1.36E-09	3.06E-02	1.54E-08	2.68E-08	1.36E-09	3.06E-02	1.54E-08	2.68E-08	1.36E-09	3.06E-02	1.54E-08	2.68E-08	1.36E-09	3.06E-02
1,2,3,7,8-PeCDF	1.82E-08	3.17E-08	1.60E-09	3.02E-02	1.82E-08	3.17E-08	1.60E-09	3.02E-02	1.82E-08	3.17E-08	1.60E-09	3.02E-02	1.82E-08	3.17E-08	1.60E-09	3.02E-02
1,2,3-Trichlorobenzene	0.00E+00	0.00E+00	0.00E+00	3.50E+00	0.00E+00	0.00E+00	0.00E+00	3.50E+00	0.00E+00	0.00E+00	0.00E+00	3.50E+00	0.00E+00	0.00E+00	0.00E+00	3.50E+00
1,2,3-Trichloropropane	0.00E+00	0.00E+00	0.00E+00	1.09E+04	0.00E+00	0.00E+00	0.00E+00	1.09E+04	0.00E+00	0.00E+00	0.00E+00	1.09E+04	0.00E+00	0.00E+00	0.00E+00	1.09E+04
1,2,4-Trimethylbenzene	0.00E+00	0.00E+00	0.00E+00	3.19E+03	0.00E+00	0.00E+00	0.00E+00	3.19E+03	0.00E+00	0.00E+00	0.00E+00	3.19E+03	0.00E+00	0.00E+00	0.00E+00	3.19E+03
1,2,4-trichlorobenzene	0.00E+00	0.00E+00	0.00E+00	6.13E+02	0.00E+00	0.00E+00	0.00E+00	6.13E+02	0.00E+00	0.00E+00	0.00E+00	6.13E+02	0.00E+00	0.00E+00	0.00E+00	6.13E+02
1,2-Dibromoethane	0.00E+00	0.00E+00	0.00E+00	4.67E+02	0.00E+00	0.00E+00	0.00E+00	4.67E+02	0.00E+00	0.00E+00	0.00E+00	4.67E+02	0.00E+00	0.00E+00	0.00E+00	4.67E+02
1,2-Dichloroethane	0.00E+00	0.00E+00	0.00E+00	1.53E+05	0.00E+00	0.00E+00	0.00E+00	1.53E+05	0.00E+00	0.00E+00	0.00E+00	1.53E+05	0.00E+00	0.00E+00	0.00E+00	1.53E+05
1,2-dichlorobenzene	0.00E+00	0.00E+00	0.00E+00	1.81E+03	0.00E+00	0.00E+00	0.00E+00	1.81E+03	0.00E+00	0.00E+00	0.00E+00	1.81E+03	0.00E+00	0.00E+00	0.00E+00	1.81E+03
1,3,5-Trimethylbenzene	0.00E+00	0.00E+00	0.00E+00	4.52E+03	0.00E+00	0.00E+00	0.00E+00	4.52E+03	0.00E+00	0.00E+00	0.00E+00	4.52E+03	0.00E+00	0.00E+00	0.00E+00	4.52E+03
1,3-Butadiene	0.00E+00	0.00E+00	0.00E+00	9.67E+05	0.00E+00	0.00E+00	0.00E+00	9.67E+05	0.00E+00	0.00E+00	0.00E+00	9.67E+05	0.00E+00	0.00E+00	0.00E+00	9.67E+05
1,3-Dichloropropane	0.00E+00	0.00E+00	0.00E+00	5.25E+03	0.00E+00	0.00E+00	0.00E+00	5.25E+03	0.00E+00	0.00E+00	0.00E+00	5.25E+03	0.00E+00	0.00E+00	0.00E+00	5.25E+03
1,3-dichlorobenzene	0.00E+00	0.00E+00	0.00E+00	1.32E+03	0.00E+00	0.00E+00	0.00E+00	1.32E+03	0.00E+00	0.00E+00	0.00E+00	1.32E+03	0.00E+00	0.00E+00	0.00E+00	1.32E+03
1,4-Dioxane	0.00E+00	0.00E+00	0.00E+00	5.77E+03	0.00E+00	0.00E+00	0.00E+00	5.77E+03	0.00E+00	0.00E+00	0.00E+00	5.77E+03	0.00E+00	0.00E+00	0.00E+00	5.77E+03
1,4-dichlorobenzene	0.00E+00	0.00E+00	0.00E+00	7.23E+03	0.00E+00	0.00E+00	0.00E+00	7.23E+03	0.00E+00	0.00E+00	0.00E+00	7.23E+03	0.00E+00	0.00E+00	0.00E+00	7.23E+03
1-Methylnaphthalene	5.48E-09	5.48E-09	3.90E-04	7.10E+04	5.48E-09	5.48E-09	3.90E-04	7.10E+04	5.48E-09	5.48E-09	3.90E-04	7.10E+04	5.48E-09	5.48E-09	3.90E-04	7.10E+04
1-Methylphenanthrene	3.71E-06	3.72E-06	4.65E-05	1.25E+01	3.71E-06	3.72E-06	4.65E-05	1.25E+01	3.71E-06	3.72E-06	4.65E-05	1.25E+01	3.71E-06	3.72E-06	4.65E-05	1.25E+01
2,3,4,6,7,8-HxCDF	5.39E-08	9.39E-08	4.76E-09	3.02E-02	5.39E-08	9.39E-08	4.76E-09	3.02E-02	5.39E-08	9.39E-08	4.76E-09	3.02E-02	5.39E-08	9.39E-08	4.76E-09	3.02E-02
2,3,4,7,8-PeCDF	4.35E-08	7.56E-08	3.84E-09	3.04E-02	4.35E-08	7.56E-08	3.84E-09	3.04E-02	4.35E-08	7.56E-08	3.84E-09	3.04E-02	4.35E-08	7.56E-08	3.84E-09	3.04E-02
2,3,5-Trimethylnaphthalene	1.81E-06	1.81E-06	2.27E-05	1.25E+01	1.81E-06	1.81E-06	2.27E-05	1.25E+01	1.81E-06	1.81E-06	2.27E-05	1.25E+01	1.81E-06	1.81E-06	2.27E-05	1.25E+01
2,3,7,8-TCDD	2.53E-09	4.32E-09	2.32E-10	3.47E-02	2.53E-09	4.32E-09	2.32E-10	3.47E-02	2.53E-09	4.32E-09	2.32E-10	3.47E-02	2.53E-09	4.32E-09	2.32E-10	3.47E-02
2,3,7,8-TCDF	5.79E-09	9.98E-09	5.21E-10	3.26E-02	5.79E-09	9.98E-09	5.21E-10	3.26E-02	5.79E-09	9.98E-09	5.21E-10	3.26E-02	5.79E-09	9.98E-09	5.21E-10	3.26E-02
2,4-Dimethylphenol	0.00E+00	0.00E+00	0.00E+00	3.62E+01	0.00E+00	0.00E+00	0.00E+00	3.62E+01	0.00E+00	0.00E+00	0.00E+00	3.62E+01	0.00E+00	0.00E+00	0.00E+00	3.62E+01
2,4-Dinitrotoluene	0.00E+00	0.00E+00	0.00E+00	4.67E+00	0.00E+00	0.00E+00	0.00E+00	4.67E+00	0.00E+00	0.00E+00	0.00E+00	4.67E+00	0.00E+00	0.00E+00	0.00E+00	4.67E+00
2,6-Dimethylnaphthalene	4.82E-06	4.83E-06	6.04E-05	1.25E+01	4.82E-06	4.83E-06	6.04E-05	1.25E+01	4.82E-06	4.83E-06	6.04E-05	1.25E+01	4.82E-06	4.83E-06	6.04E-05	1.25E+01
2,6-Dinitrotoluene	0.00E+00	0.00E+00	0.00E+00	4.97E+00	0.00E+00	0.00E+00	0.00E+00	4.97E+00	0.00E+00	0.00E+00	0.00E+00	4.97E+00	0.00E+00	0.00E+00	0.00E+00	4.97E+00
2-Butanone	0.00E+00	0.00E+00	0.00E+00	8.58E+02	0.00E+00	0.00E+00	0.00E+00	8.58E+02	0.00E+00	0.00E+00	0.00E+00	8.58E+02	0.00E+00	0.00E+00	0.00E+00	8.58E+02
2-Chlorophenol	0.00E+00	0.00E+00	0.00E+00	5.82E+00	0.00E+00	0.00E+00	0.00E+00	5.82E+00	0.00E+00	0.00E+00	0.00E+00	5.82E+00	0.00E+00	0.00E+00	0.00E+00	5.82E+00
2-Chlorotoluene	0.00E+00	0.00E+00	0.00E+00	3.07E+03	0.00E+00	0.00E+00	0.00E+00	3.07E+03	0.00E+00	0.00E+00	0.00E+00	3.07E+03	0.00E+00	0.00E+00	0.00E+00	3.07E+03
2-Hexanone	0.00E+00	0.00E+00	0.00E+00	2.30E+03	0.00E+00	0.00E+00	0.00E+00	2.30E+03	0.00E+00	0.00E+00	0.00E+00	2.30E+03	0.00E+00	0.00E+00	0.00E+00	2.30E+03
2-Methylnaphthalene	5.31E-09	5.31E-09	3.78E-04	7.11E+04	5.31E-09	5.31E-09	3.78E-04	7.11E+04	5.31E-09	5.31E-09	3.78E-04	7.11E+04	5.31E-09	5.31E-09	3.78E-04	7.11E+04
2-Methylphenol	0.00E+00	0.00E+00	0.00E+00	4.40E+01	0.00E+00	0.00E+00	0.00E+00	4.40E+01	0.00E+00	0.00E+00	0.00E+00	4.40E+01	0.00E+00	0.00E+00	0.00E+00	4.40E+01
2-Nitrophenol	0.00E+00	0.00E+00	0.00E+00	1.29E+01	0.00E+00	0.00E+00	0.00E+00	1.29E+01	0.00E+00	0.00E+00	0.00E+00	1.29E+01	0.00E+00	0.00E+00	0.00E+00	1.29E+01
3-Methylphenol & 4-Methylphenol	9.43E-05	9.46E-05	1.18E-03	1.25E+01	9.43E-05	9.46E-05	1.18E-03	1.25E+01	9.43E-05	9.46E-05	1.18E-03	1.25E+01	9.43E-05	9.46E-05	1.18E-03	1.25E+01

Table G-28: Average COPC Concentrations in Soil in the Watershed Used in Fish Tissue Model Calculations Based on a 30-Year ACI Operational Time Frame

COPC	30-Year ACI Operational Time Frame															
	1-Year Exposure Duration				3-Year Exposure Duration				6-Year Exposure Duration				25-Year Exposure Duration			
	Soil Concentration		Total Deposition	COPC Soil Loss Constant Due to All Processes	Soil Concentration		Total Deposition	COPC Soil Loss Constant Due to All Processes	Soil Concentration		Total Deposition	COPC Soil Loss Constant Due to All Processes	Soil Concentration		Total Deposition	COPC Soil Loss Constant Due to All Processes
	Cancer	Noncancer			Cancer	Noncancer			Cancer	Noncancer			Cancer	Noncancer		
	Cs		Ds	ks	Cs		Ds	ks	Cs		Ds	ks	Cs		Ds	ks
mg/kg		mg COPC/kg soil/yr	yr ⁻¹	mg/kg		mg COPC/kg soil/yr	yr ⁻¹	mg/kg		mg COPC/kg soil/yr	yr ⁻¹	mg/kg		mg COPC/kg soil/yr	yr ⁻¹	
4-Nitrophenol	0.00E+00	0.00E+00	0.00E+00	2.12E+02	0.00E+00	0.00E+00	0.00E+00	2.12E+02	0.00E+00	0.00E+00	0.00E+00	2.12E+02	0.00E+00	0.00E+00	0.00E+00	2.12E+02
Acenaphthylene	1.55E-05	1.55E-05	2.22E-04	1.43E+01	1.55E-05	1.55E-05	2.22E-04	1.43E+01	1.55E-05	1.55E-05	2.22E-04	1.43E+01	1.55E-05	1.55E-05	2.22E-04	1.43E+01
Acenaphthene	0.00E+00	0.00E+00	0.00E+00	2.49E+00	0.00E+00	0.00E+00	0.00E+00	2.49E+00	0.00E+00	0.00E+00	0.00E+00	2.49E+00	0.00E+00	0.00E+00	0.00E+00	2.49E+00
Acetaldehyde	0.00E+00	0.00E+00	0.00E+00	8.54E+04	0.00E+00	0.00E+00	0.00E+00	8.54E+04	0.00E+00	0.00E+00	0.00E+00	8.54E+04	0.00E+00	0.00E+00	0.00E+00	8.54E+04
Acetophenone	0.00E+00	0.00E+00	0.00E+00	9.78E+01	0.00E+00	0.00E+00	0.00E+00	9.78E+01	0.00E+00	0.00E+00	0.00E+00	9.78E+01	0.00E+00	0.00E+00	0.00E+00	9.78E+01
Aluminum	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	1.44E-03
Anthracene	0.00E+00	0.00E+00	0.00E+00	5.51E-01	0.00E+00	0.00E+00	0.00E+00	5.51E-01	0.00E+00	0.00E+00	0.00E+00	5.51E-01	0.00E+00	0.00E+00	0.00E+00	5.51E-01
Antimony	0.00E+00	0.00E+00	0.00E+00	2.25E+03	0.00E+00	0.00E+00	0.00E+00	2.25E+03	0.00E+00	0.00E+00	0.00E+00	2.25E+03	0.00E+00	0.00E+00	0.00E+00	2.25E+03
Arsenic	3.57E-10	3.57E-10	3.83E-05	1.07E+05	3.57E-10	3.57E-10	3.83E-05	1.07E+05	3.57E-10	3.57E-10	3.83E-05	1.07E+05	3.57E-10	3.57E-10	3.83E-05	1.07E+05
Barium	9.63E-02	1.54E-01	1.02E-02	5.27E-02	9.63E-02	1.54E-01	1.02E-02	5.27E-02	9.63E-02	1.54E-01	1.02E-02	5.27E-02	9.63E-02	1.54E-01	1.02E-02	5.27E-02
Benzene	0.00E+00	0.00E+00	0.00E+00	2.15E+05	0.00E+00	0.00E+00	0.00E+00	2.15E+05	0.00E+00	0.00E+00	0.00E+00	2.15E+05	0.00E+00	0.00E+00	0.00E+00	2.15E+05
Benzo(a)anthracene	4.42E-05	4.85E-05	1.80E-05	3.70E-01	4.42E-05	4.85E-05	1.80E-05	3.70E-01	4.42E-05	4.85E-05	1.80E-05	3.70E-01	4.42E-05	4.85E-05	1.80E-05	3.70E-01
Benzo(a)pyrene	1.91E-05	2.05E-05	9.85E-06	4.80E-01	1.91E-05	2.05E-05	9.85E-06	4.80E-01	1.91E-05	2.05E-05	9.85E-06	4.80E-01	1.91E-05	2.05E-05	9.85E-06	4.80E-01
Benzo(b)fluoranthene	1.06E-06	1.15E-06	4.72E-07	4.11E-01	1.06E-06	1.15E-06	4.72E-07	4.11E-01	1.06E-06	1.15E-06	4.72E-07	4.11E-01	1.06E-06	1.15E-06	4.72E-07	4.11E-01
Benzo(e)pyrene	8.38E-07	8.40E-07	1.20E-05	1.43E+01	8.38E-07	8.40E-07	1.20E-05	1.43E+01	8.38E-07	8.40E-07	1.20E-05	1.43E+01	8.38E-07	8.40E-07	1.20E-05	1.43E+01
Benzo(g,h,i)perylene	6.33E-07	6.34E-07	9.08E-06	1.43E+01	6.33E-07	6.34E-07	9.08E-06	1.43E+01	6.33E-07	6.34E-07	9.08E-06	1.43E+01	6.33E-07	6.34E-07	9.08E-06	1.43E+01
Benzo(k)fluoranthene	8.16E-07	1.09E-06	1.34E-07	1.20E-01	8.16E-07	1.09E-06	1.34E-07	1.20E-01	8.16E-07	1.09E-06	1.34E-07	1.20E-01	8.16E-07	1.09E-06	1.34E-07	1.20E-01
Benzoic acid	0.00E+00	0.00E+00	0.00E+00	4.06E+01	0.00E+00	0.00E+00	0.00E+00	4.06E+01	0.00E+00	0.00E+00	0.00E+00	4.06E+01	0.00E+00	0.00E+00	0.00E+00	4.06E+01
Benzyl alcohol	0.00E+00	0.00E+00	0.00E+00	8.70E+00	0.00E+00	0.00E+00	0.00E+00	8.70E+00	0.00E+00	0.00E+00	0.00E+00	8.70E+00	0.00E+00	0.00E+00	0.00E+00	8.70E+00
Beryllium	3.77E-08	3.77E-08	2.89E-06	7.68E+01	3.77E-08	3.77E-08	2.89E-06	7.68E+01	3.77E-08	3.77E-08	2.89E-06	7.68E+01	3.77E-08	3.77E-08	2.89E-06	7.68E+01
Biphenyl	8.61E-08	8.61E-08	1.31E-03	1.52E+04	8.61E-08	8.61E-08	1.31E-03	1.52E+04	8.61E-08	8.61E-08	1.31E-03	1.52E+04	8.61E-08	8.61E-08	1.31E-03	1.52E+04
Bromobenzene	0.00E+00	0.00E+00	0.00E+00	2.97E+03	0.00E+00	0.00E+00	0.00E+00	2.97E+03	0.00E+00	0.00E+00	0.00E+00	2.97E+03	0.00E+00	0.00E+00	0.00E+00	2.97E+03
Bromochloromethane	0.00E+00	0.00E+00	0.00E+00	2.74E+04	0.00E+00	0.00E+00	0.00E+00	2.74E+04	0.00E+00	0.00E+00	0.00E+00	2.74E+04	0.00E+00	0.00E+00	0.00E+00	2.74E+04
Bromodichloromethane	0.00E+00	0.00E+00	0.00E+00	7.71E+02	0.00E+00	0.00E+00	0.00E+00	7.71E+02	0.00E+00	0.00E+00	0.00E+00	7.71E+02	0.00E+00	0.00E+00	0.00E+00	7.71E+02
Bromoform	0.00E+00	0.00E+00	0.00E+00	4.03E+06	0.00E+00	0.00E+00	0.00E+00	4.03E+06	0.00E+00	0.00E+00	0.00E+00	4.03E+06	0.00E+00	0.00E+00	0.00E+00	4.03E+06
Bromomethane	0.00E+00	0.00E+00	0.00E+00	2.64E+05	0.00E+00	0.00E+00	0.00E+00	2.64E+05	0.00E+00	0.00E+00	0.00E+00	2.64E+05	0.00E+00	0.00E+00	0.00E+00	2.64E+05
Butyl benzyl phthalate	9.74E-08	9.75E-08	3.52E-06	3.61E+01	9.74E-08	9.75E-08	3.52E-06	3.61E+01	9.74E-08	9.75E-08	3.52E-06	3.61E+01	9.74E-08	9.75E-08	3.52E-06	3.61E+01
Cadmium	2.95E-08	2.95E-08	4.94E-05	1.67E+03	2.95E-08	2.95E-08	4.94E-05	1.67E+03	2.95E-08	2.95E-08	4.94E-05	1.67E+03	2.95E-08	2.95E-08	4.94E-05	1.67E+03
Carbazole	2.12E-07	2.13E-07	2.66E-06	1.25E+01	2.12E-07	2.13E-07	2.66E-06	1.25E+01	2.12E-07	2.13E-07	2.66E-06	1.25E+01	2.12E-07	2.13E-07	2.66E-06	1.25E+01
Carbon dioxide	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01
Carbon disulfide	0.00E+00	0.00E+00	0.00E+00	1.80E+06	0.00E+00	0.00E+00	0.00E+00	1.80E+06	0.00E+00	0.00E+00	0.00E+00	1.80E+06	0.00E+00	0.00E+00	0.00E+00	1.80E+06
Carbon monoxide	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01
Carbon tetrachloride	0.00E+00	0.00E+00	0.00E+00	3.50E+05	0.00E+00	0.00E+00	0.00E+00	3.50E+05	0.00E+00	0.00E+00	0.00E+00	3.50E+05	0.00E+00	0.00E+00	0.00E+00	3.50E+05
Chlordecone (Kepone)	0.00E+00	0.00E+00	0.00E+00	7.47E+00	0.00E+00	0.00E+00	0.00E+00	7.47E+00	0.00E+00	0.00E+00	0.00E+00	7.47E+00	0.00E+00	0.00E+00	0.00E+00	7.47E+00
Chlorobenzene	0.00E+00	0.00E+00	0.00E+00	3.22E+04	0.00E+00	0.00E+00	0.00E+00	3.22E+04	0.00E+00	0.00E+00	0.00E+00	3.22E+04	0.00E+00	0.00E+00	0.00E+00	3.22E+04
Chlorodibromomethane	0.00E+00	0.00E+00	0.00E+00	6.26E+01	0.00E+00	0.00E+00	0.00E+00	6.26E+01	0.00E+00	0.00E+00	0.00E+00	6.26E+01	0.00E+00	0.00E+00	0.00E+00	6.26E+01
Chloroethane	0.00E+00	0.00E+00	0.00E+00	3.90E+06	0.00E+00	0.00E+00	0.00E+00	3.90E+06	0.00E+00	0.00E+00	0.00E+00	3.90E+06	0.00E+00	0.00E+00	0.00E+00	3.90E+06
Chloroform	0.00E+00	0.00E+00	0.00E+00	2.52E+05	0.00E+00	0.00E+00	0.00E+00	2.52E+05	0.00E+00	0.00E+00	0.00E+00	2.52E+05	0.00E+00	0.00E+00	0.00E+00	2.52E+05
Chloromethane	0.00E+00	0.00E+00	0.00E+00	9.70E+05	0.00E+00	0.00E+00	0.00E+00	9.70E+05	0.00E+00	0.00E+00	0.00E+00	9.70E+05	0.00E+00	0.00E+00	0.00E+00	9.70E+05
Chromium	2.58E-03	3.49E-03	4.08E-04	1.13E-01	2.58E-03	3.49E-03	4.08E-04	1.13E-01	2.58E-03	3.49E-03	4.08E-04	1.13E-01	2.58E-03	3.49E-03	4.08E-04	1.13E-01
Chrysene	5.44E-05	6.27E-05	1.57E-05	2.50E-01	5.44E-05	6.27E-05	1.57E-05	2.50E-01	5.44E-05	6.27E-05	1.57E-05	2.50E-01	5.44E-05	6.27E-05	1.57E-05	2.50E-01
Cobalt	9.50E-03	1.54E-02	9.70E-04	4.80E-02	9.50E-03	1.54E-02	9.70E-04	4.80E-02	9.50E-03	1.54E-02	9.70E-04	4.80E-02	9.50E-03	1.54E-02	9.70E-04	4.80E-02
Copper	1.05E-02	1.63E-02	1.19E-03	6.17E-02	1.05E-02	1.63E-02	1.19E-03	6.17E-02	1.05E-02	1.63E-02	1.19E-03	6.17E-02	1.05E-02	1.63E-02	1.19E-03	6.17E-02
DDD	0.00E+00	0.00E+00	0.00E+00	4.00E-02	0.00E+00	0.00E+00	0.00E+00	4.00E-02	0.00E+00	0.00E+00	0.00E+00	4.00E-02	0.00E+00	0.00E+00	0.00E+00	4.00E-02
DDE	0.00E+00	0.00E+00	0.00E+00	4.00E-02	0.00E+00	0.00E+00	0.00E+00	4.00E-02	0.00E+00	0.00E+00	0.00E+00	4.00E-02	0.00E+00	0.00E+00	0.00E+00	4.00E-02
Di-n-butyl phthalate	9.77E-08	9.80E-08	1.08E-06	1.10E+01	9.77E-08	9.80E-08	1.08E-06	1.10E+01	9.77E-08	9.80E-08	1.08E-06	1.10E+01	9.77E-08	9.80E-08	1.08E-06	1.10E+01

Table G-28: Average COPC Concentrations in Soil in the Watershed Used in Fish Tissue Model Calculations Based on a 30-Year ACI Operational Time Frame

COPC	30-Year ACI Operational Time Frame															
	1-Year Exposure Duration				3-Year Exposure Duration				6-Year Exposure Duration				25-Year Exposure Duration			
	Soil Concentration		Total Deposition	COPC Soil Loss Constant Due to All Processes	Soil Concentration		Total Deposition	COPC Soil Loss Constant Due to All Processes	Soil Concentration		Total Deposition	COPC Soil Loss Constant Due to All Processes	Soil Concentration		Total Deposition	COPC Soil Loss Constant Due to All Processes
	Cancer	Noncancer			Cancer	Noncancer			Cancer	Noncancer			Cancer	Noncancer		
	Cs		Ds	ks	Cs		Ds	ks	Cs		Ds	ks	Cs		Ds	ks
mg/kg		mg COPC/kg soil/yr	yr ⁻¹	mg/kg		mg COPC/kg soil/yr	yr ⁻¹	mg/kg		mg COPC/kg soil/yr	yr ⁻¹	mg/kg		mg COPC/kg soil/yr	yr ⁻¹	
Di-n-octyl phthalate	1.68E-07	1.69E-07	1.52E-06	9.03E+00	1.68E-07	1.69E-07	1.52E-06	9.03E+00	1.68E-07	1.69E-07	1.52E-06	9.03E+00	1.68E-07	1.69E-07	1.52E-06	9.03E+00
Dibenze(a,h)anthracene	6.78E-06	7.73E-06	2.09E-06	2.70E-01	6.78E-06	7.73E-06	2.09E-06	2.70E-01	6.78E-06	7.73E-06	2.09E-06	2.70E-01	6.78E-06	7.73E-06	2.09E-06	2.70E-01
Dibenzofuran	1.41E-08	1.41E-08	1.14E-04	8.07E+03	1.41E-08	1.41E-08	1.14E-04	8.07E+03	1.41E-08	1.41E-08	1.14E-04	8.07E+03	1.41E-08	1.41E-08	1.14E-04	8.07E+03
Dibromomethane	0.00E+00	0.00E+00	0.00E+00	1.55E+02	0.00E+00	0.00E+00	0.00E+00	1.55E+02	0.00E+00	0.00E+00	0.00E+00	1.55E+02	0.00E+00	0.00E+00	0.00E+00	1.55E+02
Dichlorobiphenyl	1.21E-08	2.07E-08	1.10E-09	3.42E-02	1.21E-08	2.07E-08	1.10E-09	3.42E-02	1.21E-08	2.07E-08	1.10E-09	3.42E-02	1.21E-08	2.07E-08	1.10E-09	3.42E-02
Dichlorodifluoromethane	0.00E+00	0.00E+00	0.00E+00	2.90E+04	0.00E+00	0.00E+00	0.00E+00	2.90E+04	0.00E+00	0.00E+00	0.00E+00	2.90E+04	0.00E+00	0.00E+00	0.00E+00	2.90E+04
Dieldrin	0.00E+00	0.00E+00	0.00E+00	2.98E-01	0.00E+00	0.00E+00	0.00E+00	2.98E-01	0.00E+00	0.00E+00	0.00E+00	2.98E-01	0.00E+00	0.00E+00	0.00E+00	2.98E-01
Dimethyl phthalate	0.00E+00	0.00E+00	0.00E+00	4.16E+01	0.00E+00	0.00E+00	0.00E+00	4.16E+01	0.00E+00	0.00E+00	0.00E+00	4.16E+01	0.00E+00	0.00E+00	0.00E+00	4.16E+01
Ethylbenzene	0.00E+00	0.00E+00	0.00E+00	4.25E+04	0.00E+00	0.00E+00	0.00E+00	4.25E+04	0.00E+00	0.00E+00	0.00E+00	4.25E+04	0.00E+00	0.00E+00	0.00E+00	4.25E+04
Fluoranthene	1.46E-06	1.55E-06	8.84E-07	5.70E-01	1.46E-06	1.55E-06	8.84E-07	5.70E-01	1.46E-06	1.55E-06	8.84E-07	5.70E-01	1.46E-06	1.55E-06	8.84E-07	5.70E-01
Fluorene	0.00E+00	0.00E+00	0.00E+00	4.22E+00	0.00E+00	0.00E+00	0.00E+00	4.22E+00	0.00E+00	0.00E+00	0.00E+00	4.22E+00	0.00E+00	0.00E+00	0.00E+00	4.22E+00
Formaldehyde	0.00E+00	0.00E+00	0.00E+00	2.07E+02	0.00E+00	0.00E+00	0.00E+00	2.07E+02	0.00E+00	0.00E+00	0.00E+00	2.07E+02	0.00E+00	0.00E+00	0.00E+00	2.07E+02
Heptachlorobiphenyl	1.37E-09	2.38E-09	1.21E-10	3.07E-02	1.37E-09	2.38E-09	1.21E-10	3.07E-02	1.37E-09	2.38E-09	1.21E-10	3.07E-02	1.37E-09	2.38E-09	1.21E-10	3.07E-02
Hexachlorobiphenyl	5.88E-09	1.02E-08	5.21E-10	3.07E-02	5.88E-09	1.02E-08	5.21E-10	3.07E-02	5.88E-09	1.02E-08	5.21E-10	3.07E-02	5.88E-09	1.02E-08	5.21E-10	3.07E-02
Hexachlorobutadiene	0.00E+00	0.00E+00	0.00E+00	4.54E+00	0.00E+00	0.00E+00	0.00E+00	4.54E+00	0.00E+00	0.00E+00	0.00E+00	4.54E+00	0.00E+00	0.00E+00	0.00E+00	4.54E+00
Hydrogen Chloride	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01
Hydrogen cyanide	0.00E+00	0.00E+00	0.00E+00	1.18E+02	0.00E+00	0.00E+00	0.00E+00	1.18E+02	0.00E+00	0.00E+00	0.00E+00	1.18E+02	0.00E+00	0.00E+00	0.00E+00	1.18E+02
Hydrogen sulfide	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01
Indeno(1,2,3-cd)pyrene	1.88E-05	2.08E-05	7.29E-06	3.50E-01	1.88E-05	2.08E-05	7.29E-06	3.50E-01	1.88E-05	2.08E-05	7.29E-06	3.50E-01	1.88E-05	2.08E-05	7.29E-06	3.50E-01
Iron	0.00E+00	0.00E+00	0.00E+00	8.62E-02	0.00E+00	0.00E+00	0.00E+00	8.62E-02	0.00E+00	0.00E+00	0.00E+00	8.62E-02	0.00E+00	0.00E+00	0.00E+00	8.62E-02
Isopropanol	0.00E+00	0.00E+00	0.00E+00	2.93E+03	0.00E+00	0.00E+00	0.00E+00	2.93E+03	0.00E+00	0.00E+00	0.00E+00	2.93E+03	0.00E+00	0.00E+00	0.00E+00	2.93E+03
Isopropylbenzene	0.00E+00	0.00E+00	0.00E+00	6.84E+03	0.00E+00	0.00E+00	0.00E+00	6.84E+03	0.00E+00	0.00E+00	0.00E+00	6.84E+03	0.00E+00	0.00E+00	0.00E+00	6.84E+03
Lead	3.70E-06	3.70E-06	4.16E-04	1.12E+02	3.70E-06	3.70E-06	4.16E-04	1.12E+02	3.70E-06	3.70E-06	4.16E-04	1.12E+02	3.70E-06	3.70E-06	4.16E-04	1.12E+02
Manganese	2.88E-05	2.89E-05	3.61E-04	1.25E+01	2.88E-05	2.89E-05	3.61E-04	1.25E+01	2.88E-05	2.89E-05	3.61E-04	1.25E+01	2.88E-05	2.89E-05	3.61E-04	1.25E+01
Mercury (+2)	6.67E-07	1.33E-06	4.45E-08	3.74E-05	6.67E-07	1.33E-06	4.45E-08	3.74E-05	6.67E-07	1.33E-06	4.45E-08	3.74E-05	6.67E-07	1.33E-06	4.45E-08	3.74E-05
Mercury, elemental	0.00E+00	0.00E+00	0.00E+00	4.05E+00	0.00E+00	0.00E+00	0.00E+00	4.05E+00	0.00E+00	0.00E+00	0.00E+00	4.05E+00	0.00E+00	0.00E+00	0.00E+00	4.05E+00
Methyl Isobutyl Ketone	0.00E+00	0.00E+00	0.00E+00	2.87E+02	0.00E+00	0.00E+00	0.00E+00	2.87E+02	0.00E+00	0.00E+00	0.00E+00	2.87E+02	0.00E+00	0.00E+00	0.00E+00	2.87E+02
Methyl Mercury	6.92E-08	1.38E-07	4.64E-09	4.95E-04	6.92E-08	1.38E-07	4.64E-09	4.95E-04	6.92E-08	1.38E-07	4.64E-09	4.95E-04	6.92E-08	1.38E-07	4.64E-09	4.95E-04
Methylene chloride	0.00E+00	0.00E+00	0.00E+00	4.85E+05	0.00E+00	0.00E+00	0.00E+00	4.85E+05	0.00E+00	0.00E+00	0.00E+00	4.85E+05	0.00E+00	0.00E+00	0.00E+00	4.85E+05
Monochlorobiphenyl	8.41E-08	1.44E-07	7.67E-09	3.42E-02	8.41E-08	1.44E-07	7.67E-09	3.42E-02	8.41E-08	1.44E-07	7.67E-09	3.42E-02	8.41E-08	1.44E-07	7.67E-09	3.42E-02
NOx (Oxides of Nitrogen)	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01
Napthalene	0.00E+00	0.00E+00	0.00E+00	1.02E+01	0.00E+00	0.00E+00	0.00E+00	1.02E+01	0.00E+00	0.00E+00	0.00E+00	1.02E+01	0.00E+00	0.00E+00	0.00E+00	1.02E+01
Nickel	1.47E-07	1.47E-07	2.29E-04	1.55E+03	1.47E-07	1.47E-07	2.29E-04	1.55E+03	1.47E-07	1.47E-07	2.29E-04	1.55E+03	1.47E-07	1.47E-07	2.29E-04	1.55E+03
Nonachlorobiphenyl	2.08E-10	3.61E-10	1.84E-11	3.07E-02	2.08E-10	3.61E-10	1.84E-11	3.07E-02	2.08E-10	3.61E-10	1.84E-11	3.07E-02	2.08E-10	3.61E-10	1.84E-11	3.07E-02
OCDD	7.78E-08	1.35E-07	6.85E-09	3.00E-02	7.78E-08	1.35E-07	6.85E-09	3.00E-02	7.78E-08	1.35E-07	6.85E-09	3.00E-02	7.78E-08	1.35E-07	6.85E-09	3.00E-02
OCDF	2.94E-08	5.13E-08	2.59E-09	3.00E-02	2.94E-08	5.13E-08	2.59E-09	3.00E-02	2.94E-08	5.13E-08	2.59E-09	3.00E-02	2.94E-08	5.13E-08	2.59E-09	3.00E-02
Octachlorobiphenyl	4.27E-10	7.41E-10	3.78E-11	3.07E-02	4.27E-10	7.41E-10	3.78E-11	3.07E-02	4.27E-10	7.41E-10	3.78E-11	3.07E-02	4.27E-10	7.41E-10	3.78E-11	3.07E-02
PM<10	1.42E-01	1.42E-01	1.78E+00	1.25E+01	1.42E-01	1.42E-01	1.78E+00	1.25E+01	1.42E-01	1.42E-01	1.78E+00	1.25E+01	1.42E-01	1.42E-01	1.78E+00	1.25E+01
PM<2.5	1.18E-01	1.18E-01	1.48E+00	1.25E+01	1.18E-01	1.18E-01	1.48E+00	1.25E+01	1.18E-01	1.18E-01	1.48E+00	1.25E+01	1.18E-01	1.18E-01	1.48E+00	1.25E+01
Total Suspended Particulate	1.10E-01	1.10E-01	1.38E+00	1.25E+01	1.10E-01	1.10E-01	1.38E+00	1.25E+01	1.10E-01	1.10E-01	1.38E+00	1.25E+01	1.10E-01	1.10E-01	1.38E+00	1.25E+01
Pentachlorobiphenyl	2.04E-08	3.55E-08	1.81E-09	3.07E-02	2.04E-08	3.55E-08	1.81E-09	3.07E-02	2.04E-08	3.55E-08	1.81E-09	3.07E-02	2.04E-08	3.55E-08	1.81E-09	3.07E-02
Perylene	3.68E-07	3.69E-07	5.28E-06	1.43E+01	3.68E-07	3.69E-07	5.28E-06	1.43E+01	3.68E-07	3.69E-07	5.28E-06	1.43E+01	3.68E-07	3.69E-07	5.28E-06	1.43E+01
Phenanthrene	0.00E+00	0.00E+00	0.00E+00	1.26E+00	0.00E+00	0.00E+00	0.00E+00	1.26E+00	0.00E+00	0.00E+00	0.00E+00	1.26E+00	0.00E+00	0.00E+00	0.00E+00	1.26E+00
Phenol	0.00E+00	0.00E+00	0.00E+00	2.62E+01	0.00E+00	0.00E+00	0.00E+00	2.62E+01	0.00E+00	0.00E+00	0.00E+00	2.62E+01	0.00E+00	0.00E+00	0.00E+00	2.62E+01
Phosphorus	2.69E-07	2.69E-07	1.86E-03	6.93E+03	2.69E-07	2.69E-07	1.86E-03	6.93E+03	2.69E-07	2.69E-07	1.86E-03	6.93E+03	2.69E-07	2.69E-07	1.86E-03	6.93E+03
Propionaldehyde	4.78E-08	4.78E-08	2.03E-03	4.24E+04	4.78E-08	4.78E-08	2.03E-03	4.24E+04	4.78E-08	4.78E-08	2.03E-03	4.24E+04	4.78E-08	4.78E-08	2.03E-03	4.24E+04

Table G-28: Average COPC Concentrations in Soil in the Watershed Used in Fish Tissue Model Calculations Based on a 30-Year ACI Operational Time Frame

COPC	30-Year ACI Operational Time Frame															
	1-Year Exposure Duration				3-Year Exposure Duration				6-Year Exposure Duration				25-Year Exposure Duration			
	Soil Concentration		Total Deposition	COPC Soil Loss Constant Due to All Processes	Soil Concentration		Total Deposition	COPC Soil Loss Constant Due to All Processes	Soil Concentration		Total Deposition	COPC Soil Loss Constant Due to All Processes	Soil Concentration		Total Deposition	COPC Soil Loss Constant Due to All Processes
	Cancer	Noncancer			Cancer	Noncancer			Cancer	Noncancer			Cancer	Noncancer		
	Cs		Ds	ks	Cs		Ds	ks	Cs		Ds	ks	Cs		Ds	ks
mg/kg		mg COPC/kg soil/yr	yr ⁻¹	mg/kg		mg COPC/kg soil/yr	yr ⁻¹	mg/kg		mg COPC/kg soil/yr	yr ⁻¹	mg/kg		mg COPC/kg soil/yr	yr ⁻¹	
Pyrene	4.95E-06	6.47E-06	8.60E-07	1.30E-01	4.95E-06	6.47E-06	8.60E-07	1.30E-01	4.95E-06	6.47E-06	8.60E-07	1.30E-01	4.95E-06	6.47E-06	8.60E-07	1.30E-01
Pyridine	0.00E+00	0.00E+00	0.00E+00	1.01E+03	0.00E+00	0.00E+00	0.00E+00	1.01E+03	0.00E+00	0.00E+00	0.00E+00	1.01E+03	0.00E+00	0.00E+00	0.00E+00	1.01E+03
Selenium	1.46E-09	1.46E-09	1.15E-05	7.84E+03	1.46E-09	1.46E-09	1.15E-05	7.84E+03	1.46E-09	1.46E-09	1.15E-05	7.84E+03	1.46E-09	1.46E-09	1.15E-05	7.84E+03
Silver	2.66E-05	3.06E-05	7.86E-06	2.57E-01	2.66E-05	3.06E-05	7.86E-06	2.57E-01	2.66E-05	3.06E-05	7.86E-06	2.57E-01	2.66E-05	3.06E-05	7.86E-06	2.57E-01
Styrene	0.00E+00	0.00E+00	0.00E+00	9.27E+01	0.00E+00	0.00E+00	0.00E+00	9.27E+01	0.00E+00	0.00E+00	0.00E+00	9.27E+01	0.00E+00	0.00E+00	0.00E+00	9.27E+01
Sulfur Dioxide	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01
Tetrachlorobiphenyl	4.11E-09	7.04E-09	3.75E-10	3.42E-02	4.11E-09	7.04E-09	3.75E-10	3.42E-02	4.11E-09	7.04E-09	3.75E-10	3.42E-02	4.11E-09	7.04E-09	3.75E-10	3.42E-02
Tetrachloroethene	0.00E+00	0.00E+00	0.00E+00	2.19E+05	0.00E+00	0.00E+00	0.00E+00	2.19E+05	0.00E+00	0.00E+00	0.00E+00	2.19E+05	0.00E+00	0.00E+00	0.00E+00	2.19E+05
Thallium (Soluble Salts)	0.00E+00	0.00E+00	0.00E+00	3.05E-02	0.00E+00	0.00E+00	0.00E+00	3.05E-02	0.00E+00	0.00E+00	0.00E+00	3.05E-02	0.00E+00	0.00E+00	0.00E+00	3.05E-02
Titanium	2.94E-07	2.95E-07	3.69E-06	1.25E+01	2.94E-07	2.95E-07	3.69E-06	1.25E+01	2.94E-07	2.95E-07	3.69E-06	1.25E+01	2.94E-07	2.95E-07	3.69E-06	1.25E+01
Toluene	0.00E+00	0.00E+00	0.00E+00	8.35E+04	0.00E+00	0.00E+00	0.00E+00	8.35E+04	0.00E+00	0.00E+00	0.00E+00	8.35E+04	0.00E+00	0.00E+00	0.00E+00	8.35E+04
Total Reduced Sulfur	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01
Trichlorobiphenyl	5.13E-09	8.78E-09	4.68E-10	3.42E-02	5.13E-09	8.78E-09	4.68E-10	3.42E-02	5.13E-09	8.78E-09	4.68E-10	3.42E-02	5.13E-09	8.78E-09	4.68E-10	3.42E-02
Trichloroethene	0.00E+00	0.00E+00	0.00E+00	1.25E+05	0.00E+00	0.00E+00	0.00E+00	1.25E+05	0.00E+00	0.00E+00	0.00E+00	1.25E+05	0.00E+00	0.00E+00	0.00E+00	1.25E+05
Trichlorofluoromethane	0.00E+00	0.00E+00	0.00E+00	1.84E+06	0.00E+00	0.00E+00	0.00E+00	1.84E+06	0.00E+00	0.00E+00	0.00E+00	1.84E+06	0.00E+00	0.00E+00	0.00E+00	1.84E+06
Vinyl chloride	0.00E+00	0.00E+00	0.00E+00	4.05E+06	0.00E+00	0.00E+00	0.00E+00	4.05E+06	0.00E+00	0.00E+00	0.00E+00	4.05E+06	0.00E+00	0.00E+00	0.00E+00	4.05E+06
Zinc	6.53E-06	6.53E-06	1.06E-02	1.63E+03	6.53E-06	6.53E-06	1.06E-02	1.63E+03	6.53E-06	6.53E-06	1.06E-02	1.63E+03	6.53E-06	6.53E-06	1.06E-02	1.63E+03
bis(2-Ethylhexyl) phthalate	1.83E-04	1.84E-04	2.03E-03	1.10E+01	1.83E-04	1.84E-04	2.03E-03	1.10E+01	1.83E-04	1.84E-04	2.03E-03	1.10E+01	1.83E-04	1.84E-04	2.03E-03	1.10E+01
cis-1,2-Dichloroethene	0.00E+00	0.00E+00	0.00E+00	3.03E+03	0.00E+00	0.00E+00	0.00E+00	3.03E+03	0.00E+00	0.00E+00	0.00E+00	3.03E+03	0.00E+00	0.00E+00	0.00E+00	3.03E+03
cis-1,3-Dichloropropene	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01
m&p-Xylene	0.00E+00	0.00E+00	0.00E+00	1.47E+01	0.00E+00	0.00E+00	0.00E+00	1.47E+01	0.00E+00	0.00E+00	0.00E+00	1.47E+01	0.00E+00	0.00E+00	0.00E+00	1.47E+01
n-Butylbenzene	0.00E+00	0.00E+00	0.00E+00	4.39E+06	0.00E+00	0.00E+00	0.00E+00	4.39E+06	0.00E+00	0.00E+00	0.00E+00	4.39E+06	0.00E+00	0.00E+00	0.00E+00	4.39E+06
n-Propylbenzene	0.00E+00	0.00E+00	0.00E+00	4.07E+03	0.00E+00	0.00E+00	0.00E+00	4.07E+03	0.00E+00	0.00E+00	0.00E+00	4.07E+03	0.00E+00	0.00E+00	0.00E+00	4.07E+03
o-Xylene	0.00E+00	0.00E+00	0.00E+00	3.25E+04	0.00E+00	0.00E+00	0.00E+00	3.25E+04	0.00E+00	0.00E+00	0.00E+00	3.25E+04	0.00E+00	0.00E+00	0.00E+00	3.25E+04
p-Chloroaniline	0.00E+00	0.00E+00	0.00E+00	2.93E+00	0.00E+00	0.00E+00	0.00E+00	2.93E+00	0.00E+00	0.00E+00	0.00E+00	2.93E+00	0.00E+00	0.00E+00	0.00E+00	2.93E+00
p-Chlorotoluene	0.00E+00	0.00E+00	0.00E+00	3.83E+03	0.00E+00	0.00E+00	0.00E+00	3.83E+03	0.00E+00	0.00E+00	0.00E+00	3.83E+03	0.00E+00	0.00E+00	0.00E+00	3.83E+03
p-Isopropyltoluene	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01
sec-Butylbenzene	0.00E+00	0.00E+00	0.00E+00	4.87E+06	0.00E+00	0.00E+00	0.00E+00	4.87E+06	0.00E+00	0.00E+00	0.00E+00	4.87E+06	0.00E+00	0.00E+00	0.00E+00	4.87E+06
tert-Butylbenzene	0.00E+00	0.00E+00	0.00E+00	3.66E+06	0.00E+00	0.00E+00	0.00E+00	3.66E+06	0.00E+00	0.00E+00	0.00E+00	3.66E+06	0.00E+00	0.00E+00	0.00E+00	3.66E+06
trans-1,2-Dichloroethene	0.00E+00	0.00E+00	0.00E+00	3.46E+05	0.00E+00	0.00E+00	0.00E+00	3.46E+05	0.00E+00	0.00E+00	0.00E+00	3.46E+05	0.00E+00	0.00E+00	0.00E+00	3.46E+05
trans-1,3-Dichloropropene	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01	0.00E+00	0.00E+00	0.00E+00	1.25E+01

Table G-29: Total COPC Load into the Waterbody Used in Fish Tissue Model Calculations Based on a 16-Year ACI Operational Time Frame

COPC	1-Year Exposure Duration									3-Year Exposure Duration								
	Total COPC Load		Total Deposition	Vapor COPC Diffusion Load	Runoff Load from Impervious Surfaces	Runoff Load from Pervious Surfaces		Soil Erosion Load		Total COPC Load		Total Deposition	Vapor COPC Diffusion Load	Runoff Load from Impervious Surfaces	Runoff Load from Pervious Surfaces		Soil Erosion Load	
	Lt (Lt = Ldep + Ldif + Lri + Lr + Le)		Ldep	Ldif	Lri	Lr		Le		Lt (Lt = Ldep + Ldif + Lri + Lr + Le)		Ldep	Ldif	Lri	Lr		Le	
	Cancer	Noncancer	Cancer/ Noncancer	Cancer/ Noncancer	Cancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer/ Noncancer	Cancer/ Noncancer	Cancer	Cancer	Noncancer	Cancer	Noncancer
g/yr																		
1,1,1,2-Tetrachloroethane	4.54E-01	4.54E-01	0.00E+00	4.54E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-01	4.54E-01	0.00E+00	4.54E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1,1-Trichloroethane	7.59E-02	7.59E-02	0.00E+00	7.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-02	7.59E-02	0.00E+00	7.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1-Dichloroethene	5.25E-03	5.25E-03	0.00E+00	5.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-03	5.25E-03	0.00E+00	5.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2,3,4,6,7,8-HpCDD	3.37E-02	4.95E-02	1.38E-02	1.29E-03	1.07E-04	1.30E-07	2.41E-07	1.85E-02	3.43E-02	3.37E-02	4.95E-02	1.38E-02	1.29E-03	1.07E-04	1.30E-07	2.41E-07	1.85E-02	3.43E-02
1,2,3,4,6,7,8-HpCDF	3.51E-02	5.10E-02	1.39E-02	2.46E-03	1.08E-04	5.20E-07	9.63E-07	1.86E-02	3.45E-02	3.51E-02	5.10E-02	1.39E-02	2.46E-03	1.08E-04	5.20E-07	9.63E-07	1.86E-02	3.45E-02
1,2,3,4,7,8,9-HpCDF	5.70E-03	7.59E-03	1.65E-03	1.82E-03	1.28E-05	6.18E-08	1.14E-07	2.22E-03	4.10E-03	5.70E-03	7.59E-03	1.65E-03	1.82E-03	1.28E-05	6.18E-08	1.14E-07	2.22E-03	4.10E-03
1,2,3,4,7,8-HxCDD	5.12E-03	6.96E-03	1.60E-03	1.36E-03	1.24E-05	2.39E-08	4.43E-08	2.15E-03	3.99E-03	5.12E-03	6.96E-03	1.60E-03	1.36E-03	1.24E-05	2.39E-08	4.43E-08	2.15E-03	3.99E-03
1,2,3,4,7,8-HxCDF	4.18E-02	5.64E-02	1.27E-02	1.20E-02	9.88E-05	1.20E-06	2.21E-06	1.71E-02	3.16E-02	4.18E-02	5.64E-02	1.27E-02	1.20E-02	9.88E-05	1.20E-06	2.21E-06	1.71E-02	3.16E-02
1,2,3,6,7,8-HxCDD	1.19E-02	1.56E-02	3.27E-03	4.17E-03	2.54E-05	3.08E-07	5.71E-07	4.40E-03	8.15E-03	1.19E-02	1.56E-02	3.27E-03	4.17E-03	2.54E-05	3.08E-07	5.71E-07	4.40E-03	8.15E-03
1,2,3,6,7,8-HxCDF	1.41E-02	1.89E-02	4.20E-03	4.27E-03	3.26E-05	1.98E-07	3.66E-07	5.64E-03	1.04E-02	1.41E-02	1.89E-02	4.20E-03	4.27E-03	3.26E-05	1.98E-07	3.66E-07	5.64E-03	1.04E-02
1,2,3,7,8,9-HxCDD	1.50E-02	2.09E-02	5.16E-03	2.84E-03	4.01E-05	2.43E-07	4.50E-07	6.93E-03	1.28E-02	1.50E-02	2.09E-02	5.16E-03	2.84E-03	4.01E-05	2.43E-07	4.50E-07	6.93E-03	1.28E-02
1,2,3,7,8,9-HxCDF	1.32E-03	1.67E-03	3.01E-04	6.13E-04	2.34E-06	2.84E-08	5.25E-08	4.05E-04	7.50E-04	1.32E-03	1.67E-03	3.01E-04	6.13E-04	2.34E-06	2.84E-08	5.25E-08	4.05E-04	7.50E-04
1,2,3,7,8-PeCDD	2.07E-02	2.28E-02	1.83E-03	1.64E-02	1.43E-05	3.95E-07	7.31E-07	2.46E-03	4.55E-03	2.07E-02	2.28E-02	1.83E-03	1.64E-02	1.43E-05	3.95E-07	7.31E-07	2.46E-03	4.55E-03
1,2,3,7,8-PeCDF	2.62E-02	2.87E-02	2.16E-03	2.11E-02	1.68E-05	3.30E-07	6.10E-07	2.90E-03	5.37E-03	2.62E-02	2.87E-02	2.16E-03	2.11E-02	1.68E-05	3.30E-07	6.10E-07	2.90E-03	5.37E-03
1,2,3-Trichlorobenzene	3.93E+00	3.93E+00	0.00E+00	3.93E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E+00	3.93E+00	0.00E+00	3.93E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2,3-Trichloropropane	1.13E+00	1.13E+00	0.00E+00	1.13E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+00	1.13E+00	0.00E+00	1.13E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2,4-Trimethylbenzene	7.76E+00	7.76E+00	0.00E+00	7.76E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.76E+00	7.76E+00	0.00E+00	7.76E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2,4-trichlorobenzene	1.52E+00	1.52E+00	0.00E+00	1.52E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+00	1.52E+00	0.00E+00	1.52E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2-Dibromoethane	3.90E-01	3.90E-01	0.00E+00	3.90E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-01	3.90E-01	0.00E+00	3.90E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2-Dichloroethane	2.96E+01	2.96E+01	0.00E+00	2.96E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E+01	2.96E+01	0.00E+00	2.96E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2-dichlorobenzene	2.50E-01	2.50E-01	0.00E+00	2.50E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-01	2.50E-01	0.00E+00	2.50E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,3,5-Trimethylbenzene	5.11E+00	5.11E+00	0.00E+00	5.11E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E+00	5.11E+00	0.00E+00	5.11E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,3-Butadiene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,3-Dichloropropane	3.45E-01	3.45E-01	0.00E+00	3.45E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-01	3.45E-01	0.00E+00	3.45E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,3-dichlorobenzene	4.27E-01	4.27E-01	0.00E+00	4.27E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-01	4.27E-01	0.00E+00	4.27E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,4-Dioxane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,4-dichlorobenzene	6.77E+00	6.77E+00	0.00E+00	6.77E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E+00	6.77E+00	0.00E+00	6.77E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1-Methylnaphthalene	5.28E+02	5.28E+02	5.24E+02	0.00E+00	4.07E+00	4.08E-02	4.08E-02	1.89E-04	1.89E-04	5.28E+02	5.28E+02	5.24E+02	0.00E+00	4.07E+00	4.08E-02	4.08E-02	1.89E-04	1.89E-04
1-Methylphenanthrene	9.46E+01	9.48E+01	6.25E+01	0.00E+00	4.86E-01	3.16E+01	3.18E+01	0.00E+00	0.00E+00	9.46E+01	9.48E+01	6.25E+01	0.00E+00	4.86E-01	3.16E+01	3.18E+01	0.00E+00	0.00E+00
2,3,4,6,7,8-HxCDF	2.25E-02	2.98E-02	6.40E-03	7.43E-03	4.97E-05	6.03E-07	1.12E-06	8.60E-03	1.59E-02	2.25E-02	2.98E-02	6.40E-03	7.43E-03	4.97E-05	6.03E-07	1.12E-06	8.60E-03	1.59E-02
2,3,4,7,8-PeCDF	5.07E-02	5.66E-02	5.16E-03	3.85E-02	4.02E-05	1.54E-06	2.84E-06	6.94E-03	1.28E-02	5.07E-02	5.66E-02	5.16E-03	3.85E-02	4.02E-05	1.54E-06	2.84E-06	6.94E-03	1.28E-02
2,3,5-Trimethylnaphthalene	4.61E+01	4.62E+01	3.04E+01	0.00E+00	2.37E-01	1.54E+01	1.55E+01	0.00E+00	0.00E+00	4.61E+01	4.62E+01	3.04E+01	0.00E+00	2.37E-01	1.54E+01	1.55E+01	0.00E+00	0.00E+00
2,3,7,8-TCDD	6.50E-03	6.84E-03	3.11E-04	5.78E-03	2.42E-06	4.55E-08	8.33E-08	4.10E-04	7.50E-04	6.50E-03	6.84E-03	3.11E-04	5.78E-03	2.42E-06	4.55E-08	8.33E-08	4.10E-04	7.50E-04
2,3,7,8-TCDF	4.33E-02	4.41E-02	7.00E-04	4.17E-02	5.45E-06	5.18E-07	9.54E-07	9.31E-04	1.71E-03	4.33E-02	4.41E-02	7.00E-04	4.17E-02	5.45E-06	5.18E-07	9.54E-07	9.31E-04	1.71E-03
2,4-Dimethylphenol	1.55E+03	1.55E+03	0.00E+00	1.55E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+03	1.55E+03	0.00E+00	1.55E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2,4-Dinitrotoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2,6-Dimethylnaphthalene	1.23E+02	1.23E+02	8.12E+01	0.00E+00	6.31E-01	4.11E+01	4.13E+01	0.00E+00	0.00E+00	1.23E+02	1.23E+02	8.12E+01	0.00E+00	6.31E-01	4.11E+01	4.13E+01	0.00E+00	0.00E+00
2,6-Dinitrotoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Butanone	5.61E+03	5.61E+03	0.00E+00	5.61E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E+03	5.61E+03	0.00E+00	5.61E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Chlorophenol	1.03E+02	1.03E+02	0.00E+00	1.03E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E+02	1.03E+02	0.00E+00	1.03E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Chlorotoluene	4.36E+00	4.36E+00	0.00E+00	4.36E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E+00	4.36E+00	0.00E+00	4.36E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Hexanone	6.07E+02	6.07E+02	0.00E+00	6.07E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E+02	6.07E+02	0.00E+00	6.07E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Methylnaphthalene	5.12E+02	5.12E+02	5.08E+02	0.00E+00	3.95E+00	3.95E-02	3.95E-02	1.83E-04	1.83E-04	5.12E+02	5.12E+02	5.08E+02	0.00E+00	3.95E+00	3.95E-02	3.95E-02	1.83E-04	1.83E-04
2-Methylphenol	6.04E+04	6.04E+04	0.00E+00	6.04E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E+04	6.04E+04	0.00E+00	6.04E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Nitrophenol	4.88E+02	4.88E+02	0.00E+00	4.88E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E+02	4.88E+02	0.00E+00	4.88E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Table G-29: Total COPC Load into the Waterbody Used in Fish Tissue Model Calculations Based on a 16-Year ACI Operational Time Frame

COPC	1-Year Exposure Duration									3-Year Exposure Duration								
	Total COPC Load		Total Deposition	Vapor COPC Diffusion Load	Runoff Load from Impervious Surfaces	Runoff Load from Pervious Surfaces		Soil Erosion Load		Total COPC Load		Total Deposition	Vapor COPC Diffusion Load	Runoff Load from Impervious Surfaces	Runoff Load from Pervious Surfaces		Soil Erosion Load	
	Lt (Lt = Ldep + Ldif + Lri + Lr + Le)		Ldep	Ldif	Lri	Lr		Le		Lt (Lt = Ldep + Ldif + Lri + Lr + Le)		Ldep	Ldif	Lri	Lr		Le	
	Cancer	Noncancer	Cancer/ Noncancer	Cancer/ Noncancer	Cancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer/ Noncancer	Cancer/ Noncancer	Cancer	Cancer	Noncancer	Cancer	Noncancer
g/yr									g/yr									
3-Methylphenol & 4-Methylphenol	2.40E+03	2.41E+03	1.59E+03	0.00E+00	1.24E+01	8.04E+02	8.08E+02	0.00E+00	0.00E+00	2.40E+03	2.41E+03	1.59E+03	0.00E+00	1.24E+01	8.04E+02	8.08E+02	0.00E+00	0.00E+00
4-Nitrophenol	7.99E+02	7.99E+02	0.00E+00	7.99E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E+02	7.99E+02	0.00E+00	7.99E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acenaphthylene	4.32E+02	4.33E+02	2.98E+02	0.00E+00	2.32E+00	1.32E+02	1.32E+02	0.00E+00	0.00E+00	4.32E+02	4.33E+02	2.98E+02	0.00E+00	2.32E+00	1.32E+02	1.32E+02	0.00E+00	0.00E+00
Acenaphthene	1.23E+02	1.23E+02	0.00E+00	1.23E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+02	1.23E+02	0.00E+00	1.23E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acetaldehyde	2.11E+05	2.11E+05	0.00E+00	2.11E+05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E+05	2.11E+05	0.00E+00	2.11E+05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acetophenone	6.04E+04	6.04E+04	0.00E+00	6.04E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E+04	6.04E+04	0.00E+00	6.04E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aluminum	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Anthracene	3.07E+02	3.07E+02	0.00E+00	3.07E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E+02	3.07E+02	0.00E+00	3.07E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Antimony	2.86E+00	2.86E+00	0.00E+00	2.86E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E+00	2.86E+00	0.00E+00	2.86E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Arsenic	5.19E+01	5.19E+01	5.15E+01	4.45E-05	4.00E-01	1.40E-05	1.40E-05	3.12E-05	3.12E-05	5.19E+01	5.19E+01	5.15E+01	4.45E-05	4.00E-01	1.40E-05	1.40E-05	3.12E-05	3.12E-05
Barium	2.10E+04	2.65E+04	1.37E+04	0.00E+00	1.07E+02	1.74E+03	3.05E+03	5.50E+03	9.65E+03	2.10E+04	2.65E+04	1.37E+04	0.00E+00	1.07E+02	1.74E+03	3.05E+03	5.50E+03	9.65E+03
Benzene	1.73E+03	1.73E+03	0.00E+00	1.73E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+03	1.73E+03	0.00E+00	1.73E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(a)anthracene	1.14E+03	1.14E+03	2.41E+01	1.10E+03	1.88E-01	7.66E-04	9.19E-04	1.06E+01	1.28E+01	1.14E+03	1.14E+03	2.41E+01	1.10E+03	1.88E-01	7.66E-04	9.19E-04	1.06E+01	1.28E+01
Benzo(a)pyrene	2.88E+02	2.88E+02	1.32E+01	2.70E+02	1.03E-01	1.27E-04	1.46E-04	4.70E+00	5.41E+00	2.88E+02	2.88E+02	1.32E+01	2.70E+02	1.03E-01	1.27E-04	1.46E-04	4.70E+00	5.41E+00
Benzo(b)fluoranthene	5.22E+01	5.22E+01	6.34E-01	5.13E+01	4.93E-03	1.06E-04	1.25E-04	2.57E-01	3.02E-01	5.22E+01	5.22E+01	6.34E-01	5.13E+01	4.93E-03	1.06E-04	1.25E-04	2.57E-01	3.02E-01
Benzo(e)pyrene	2.34E+01	2.34E+01	1.61E+01	0.00E+00	1.26E-01	7.14E+00	7.17E+00	0.00E+00	0.00E+00	2.34E+01	2.34E+01	1.61E+01	0.00E+00	1.26E-01	7.14E+00	7.17E+00	0.00E+00	0.00E+00
Benzo(g,h,i)perylene	1.77E+01	1.77E+01	1.22E+01	0.00E+00	9.48E-02	5.39E+00	5.42E+00	0.00E+00	0.00E+00	1.77E+01	1.77E+01	1.22E+01	0.00E+00	9.48E-02	5.39E+00	5.42E+00	0.00E+00	0.00E+00
Benzo(k)fluoranthene	4.40E-01	5.28E-01	1.80E-01	9.43E-02	1.40E-03	3.73E-06	5.72E-06	1.64E-01	2.52E-01	4.40E-01	5.28E-01	1.80E-01	9.43E-02	1.40E-03	3.73E-06	5.72E-06	1.64E-01	2.52E-01
Benzoic acid	3.64E+04	3.64E+04	0.00E+00	3.64E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E+04	3.64E+04	0.00E+00	3.64E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzyl alcohol	2.26E+02	2.26E+02	0.00E+00	2.26E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+02	2.26E+02	0.00E+00	2.26E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Beryllium	3.92E+00	3.92E+00	3.89E+00	2.37E-04	3.02E-02	5.43E-05	5.44E-05	3.31E-03	3.31E-03	3.92E+00	3.92E+00	3.89E+00	2.37E-04	3.02E-02	5.43E-05	5.44E-05	3.31E-03	3.31E-03
Biphenyl	1.77E+03	1.77E+03	1.76E+03	0.00E+00	1.37E+01	5.35E-01	5.35E-01	6.19E-03	6.19E-03	1.77E+03	1.77E+03	1.76E+03	0.00E+00	1.37E+01	5.35E-01	5.35E-01	6.19E-03	6.19E-03
Bromobenzene	7.33E+01	7.33E+01	0.00E+00	7.33E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E+01	7.33E+01	0.00E+00	7.33E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromochloromethane	3.52E-01	3.52E-01	0.00E+00	3.52E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-01	3.52E-01	0.00E+00	3.52E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromodichloromethane	2.76E-01	2.76E-01	0.00E+00	2.76E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-01	2.76E-01	0.00E+00	2.76E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromoform	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromomethane	5.90E+00	5.90E+00	0.00E+00	5.90E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E+00	5.90E+00	0.00E+00	5.90E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Butyl benzyl phthalate	3.91E+02	3.91E+02	4.73E+00	3.86E+02	3.68E-02	1.27E-05	1.28E-05	2.57E-02	2.57E-02	3.91E+02	3.91E+02	4.73E+00	3.86E+02	3.68E-02	1.27E-05	1.28E-05	2.57E-02	2.57E-02
Cadmium	6.69E+01	6.69E+01	6.63E+01	2.09E-03	5.16E-01	4.48E-04	4.48E-04	2.59E-03	2.59E-03	6.69E+01	6.69E+01	6.63E+01	2.09E-03	5.16E-01	4.48E-04	4.48E-04	2.59E-03	2.59E-03
Carbazole	5.41E+00	5.41E+00	3.57E+00	0.00E+00	2.78E-02	1.81E+00	1.82E+00	0.00E+00	0.00E+00	5.41E+00	5.41E+00	3.57E+00	0.00E+00	2.78E-02	1.81E+00	1.82E+00	0.00E+00	0.00E+00
Carbon dioxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Carbon disulfide	9.24E-01	9.24E-01	0.00E+00	9.24E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-01	9.24E-01	0.00E+00	9.24E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Carbon monoxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Carbon tetrachloride	3.42E-02	3.42E-02	0.00E+00	3.42E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-02	3.42E-02	0.00E+00	3.42E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chlordecone (Kepone)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chlorobenzene	1.19E+01	1.19E+01	0.00E+00	1.19E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E+01	1.19E+01	0.00E+00	1.19E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chlorodibromomethane	1.27E+01	1.27E+01	0.00E+00	1.27E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E+01	1.27E+01	0.00E+00	1.27E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chloroethane	1.12E+01	1.12E+01	0.00E+00	1.12E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+01	1.12E+01	0.00E+00	1.12E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chloroform	2.95E+00	2.95E+00	0.00E+00	2.95E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E+00	2.95E+00	0.00E+00	2.95E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chloromethane	2.25E+01	2.25E+01	0.00E+00	2.25E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E+01	2.25E+01	0.00E+00	2.25E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chromium	8.38E+02	9.96E+02	5.49E+02	0.00E+00	4.27E+00	1.16E+02	1.80E+02	1.69E+02	2.63E+02	8.38E+02	9.96E+02	5.49E+02	0.00E+00	4.27E+00	1.16E+02	1.80E+02	1.69E+02	2.63E+02
Chrysene	2.00E+02	2.03E+02	2.11E+01	1.66E+02	1.64E-01	8.99E-04	1.17E-03	1.25E+01	1.63E+01	2.00E+02	2.03E+02	2.11E+01	1.66E+02	1.64E-01	8.99E-04	1.17E-03	1.25E+01	1.63E+01
Cobalt	2.00E+03	2.54E+03	1.30E+03	0.00E+00	1.01E+01	1.54E+02	2.73E+02	5.35E+02	9.49E+02	2.00E+03	2.54E+03	1.30E+03	0.00E+00	1.01E+01	1.54E+02	2.73E+02	5.35E+02	9.49E+02
Copper	2.46E+03	3.07E+03	1.60E+03	0.00E+00	1.24E+01	2.28E+02	3.93E+02	6.16E+02	1.06E+03	2.46E+03	3.07E+03	1.60E+03	0.00E+00	1.24E+01	2.28E+02	3.93E+02	6.16E+02	1.06E+03
DDD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Table G-29: Total COPC Load into the Waterbody Used in Fish Tissue Model Calculations Based on a 16-Year ACI Operational Time Frame

COPC	1-Year Exposure Duration									3-Year Exposure Duration								
	Total COPC Load		Total Deposition	Vapor COPC Diffusion Load	Runoff Load from Impervious Surfaces	Runoff Load from Pervious Surfaces		Soil Erosion Load		Total COPC Load		Total Deposition	Vapor COPC Diffusion Load	Runoff Load from Impervious Surfaces	Runoff Load from Pervious Surfaces		Soil Erosion Load	
	Lt (Lt = Ldep + Ldif + Lri + Lr + Le)		Ldep	Ldif	Lri	Lr		Le		Lt (Lt = Ldep + Ldif + Lri + Lr + Le)		Ldep	Ldif	Lri	Lr		Le	
	Cancer	Noncancer	Cancer/ Noncancer	Cancer/ Noncancer	Cancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer/ Noncancer	Cancer/ Noncancer	Cancer	Cancer	Noncancer	Cancer	Noncancer
g/yr																		
DDE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Di-n-butyl phthalate	6.78E+03	6.78E+03	1.45E+00	6.78E+03	1.13E-02	2.13E-05	2.15E-05	2.57E-02	2.58E-02	6.78E+03	6.78E+03	1.45E+00	6.78E+03	1.13E-02	2.13E-05	2.15E-05	2.57E-02	2.58E-02
Di-n-octyl phthalate	1.39E+01	1.39E+01	2.04E+00	1.18E+01	1.59E-02	1.47E-08	1.48E-08	4.41E-02	4.44E-02	1.39E+01	1.39E+01	2.04E+00	1.18E+01	1.59E-02	1.47E-08	1.48E-08	4.41E-02	4.44E-02
Dibenze(a,h)anthracene	5.10E+00	5.54E+00	2.81E+00	6.95E-01	2.18E-02	1.17E-05	1.50E-05	1.57E+00	2.01E+00	5.10E+00	5.54E+00	2.81E+00	6.95E-01	2.18E-02	1.17E-05	1.50E-05	1.57E+00	2.01E+00
Dibenzofuran	1.54E+02	1.54E+02	1.53E+02	0.00E+00	1.19E+00	7.18E-02	7.18E-02	1.50E-03	1.50E-03	1.54E+02	1.54E+02	1.53E+02	0.00E+00	1.19E+00	7.18E-02	7.18E-02	1.50E-03	1.50E-03
Dibromomethane	1.01E+00	1.01E+00	0.00E+00	1.01E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E+00	1.01E+00	0.00E+00	1.01E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dichlorobiphenyl	2.42E+00	2.43E+00	1.48E-03	2.42E+00	1.15E-05	2.15E-06	3.94E-06	1.95E-03	3.58E-03	2.42E+00	2.43E+00	1.48E-03	2.42E+00	1.15E-05	2.15E-06	3.94E-06	1.95E-03	3.58E-03
Dichlorodifluoromethane	3.72E-03	3.72E-03	0.00E+00	3.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-03	3.72E-03	0.00E+00	3.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dieldrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dimethyl phthalate	1.48E+02	1.48E+02	0.00E+00	1.48E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+02	1.48E+02	0.00E+00	1.48E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ethylbenzene	2.23E+02	2.23E+02	0.00E+00	2.23E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E+02	2.23E+02	0.00E+00	2.23E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fluoranthene	4.66E+02	4.66E+02	1.19E+00	4.65E+02	9.24E-03	1.43E-04	1.61E-04	3.64E-01	4.09E-01	4.66E+02	4.66E+02	1.19E+00	4.65E+02	9.24E-03	1.43E-04	1.61E-04	3.64E-01	4.09E-01
Fluorene	9.45E+02	9.45E+02	0.00E+00	9.45E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.45E+02	9.45E+02	0.00E+00	9.45E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Formaldehyde	1.04E+06	1.04E+06	0.00E+00	1.04E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+06	1.04E+06	0.00E+00	1.04E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Heptachlorobiphenyl	3.20E-02	3.22E-02	1.63E-04	3.16E-02	1.27E-06	3.86E-08	7.13E-08	2.19E-04	4.05E-04	3.20E-02	3.22E-02	1.63E-04	3.16E-02	1.27E-06	3.86E-08	7.13E-08	2.19E-04	4.05E-04
Hexachlorobiphenyl	1.29E-01	1.30E-01	7.00E-04	1.28E-01	5.44E-06	1.65E-07	3.06E-07	9.39E-04	1.74E-03	1.29E-01	1.30E-01	7.00E-04	1.28E-01	5.44E-06	1.65E-07	3.06E-07	9.39E-04	1.74E-03
Hexachlorobutadiene	2.03E+01	2.03E+01	0.00E+00	2.03E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E+01	2.03E+01	0.00E+00	2.03E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hydrogen Chloride	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hydrogen cyanide	1.75E+04	1.75E+04	0.00E+00	1.75E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E+04	1.75E+04	0.00E+00	1.75E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hydrogen sulfide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Indeno(1,2,3-cd)pyrene	1.46E+01	1.55E+01	9.79E+00	2.08E-01	7.62E-02	3.68E-05	4.46E-05	4.51E+00	5.47E+00	1.46E+01	1.55E+01	9.79E+00	2.08E-01	7.62E-02	3.68E-05	4.46E-05	4.51E+00	5.47E+00
Iron	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Isopropanol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Isopropylbenzene	1.01E-01	1.01E-01	0.00E+00	1.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01	1.01E-01	0.00E+00	1.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lead	5.63E+02	5.63E+02	5.58E+02	1.49E-02	4.34E+00	4.68E-03	4.68E-03	3.25E-01	3.25E-01	5.63E+02	5.63E+02	5.58E+02	1.49E-02	4.34E+00	4.68E-03	4.68E-03	3.25E-01	3.25E-01
Manganese	7.35E+02	7.36E+02	4.86E+02	0.00E+00	3.78E+00	2.46E+02	2.47E+02	0.00E+00	0.00E+00	7.35E+02	7.36E+02	4.86E+02	0.00E+00	3.78E+00	2.46E+02	2.47E+02	0.00E+00	0.00E+00
Mercury (+2)	9.27E-02	1.24E-01	6.10E-02	0.00E+00	4.74E-04	6.98E-06	1.40E-05	3.13E-02	6.25E-02	9.27E-02	1.24E-01	6.10E-02	0.00E+00	4.74E-04	6.98E-06	1.40E-05	3.13E-02	6.25E-02
Mercury, elemental	3.82E-01	3.82E-01	3.12E-01	6.84E-02	2.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-01	3.82E-01	3.12E-01	6.84E-02	2.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methyl Isobutyl Ketone	1.05E+01	1.05E+01	0.00E+00	1.05E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+01	1.05E+01	0.00E+00	1.05E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methyl Mercury	3.17E-01	3.21E-01	3.12E-01	0.00E+00	2.42E-03	6.02E-06	1.20E-05	3.25E-03	6.50E-03	3.17E-01	3.21E-01	3.12E-01	0.00E+00	2.42E-03	6.02E-06	1.20E-05	3.25E-03	6.50E-03
Methylene chloride	9.41E+01	9.41E+01	0.00E+00	9.41E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.41E+01	9.41E+01	0.00E+00	9.41E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Monochlorobiphenyl	1.70E+01	1.70E+01	1.03E-02	1.69E+01	8.02E-05	1.50E-05	2.75E-05	1.36E-02	2.49E-02	1.70E+01	1.70E+01	1.03E-02	1.69E+01	8.02E-05	1.50E-05	2.75E-05	1.36E-02	2.49E-02
NOx (Oxides of Nitrogen)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Napthalene	2.93E+03	2.93E+03	0.00E+00	2.93E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E+03	2.93E+03	0.00E+00	2.93E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nickel	3.10E+02	3.10E+02	3.07E+02	1.17E-02	2.39E+00	2.57E-03	2.57E-03	1.29E-02	1.29E-02	3.10E+02	3.10E+02	3.07E+02	1.17E-02	2.39E+00	2.57E-03	2.57E-03	1.29E-02	1.29E-02
Nonachlorobiphenyl	3.99E-03	4.02E-03	2.47E-05	3.93E-03	1.92E-07	5.84E-09	1.08E-08	3.32E-05	6.14E-05	3.99E-03	4.02E-03	2.47E-05	3.93E-03	1.92E-07	5.84E-09	1.08E-08	3.32E-05	6.14E-05
OCDD	2.24E-02	3.30E-02	9.21E-03	7.65E-04	7.16E-05	5.48E-08	1.01E-07	1.24E-02	2.29E-02	2.24E-02	3.30E-02	9.21E-03	7.65E-04	7.16E-05	5.48E-08	1.01E-07	1.24E-02	2.29E-02
OCDF	8.38E-03	1.24E-02	3.48E-03	1.82E-04	2.71E-05	3.29E-08	6.09E-08	4.69E-03	8.69E-03	8.38E-03	1.24E-02	3.48E-03	1.82E-04	2.71E-05	3.29E-08	6.09E-08	4.69E-03	8.69E-03
Octachlorobiphenyl	9.50E-03	9.56E-03	5.08E-05	9.38E-03	3.95E-07	1.20E-08	2.22E-08	6.81E-05	1.26E-04	9.50E-03	9.56E-03	5.08E-05	9.38E-03	3.95E-07	1.20E-08	2.22E-08	6.81E-05	1.26E-04
PM<10	3.61E+06	3.62E+06	2.39E+06	0.00E+00	1.86E+04	1.21E+06	1.21E+06	0.00E+00	0.00E+00	3.61E+06	3.62E+06	2.39E+06	0.00E+00	1.86E+04	1.21E+06	1.21E+06	0.00E+00	0.00E+00
PM<2.5	3.01E+06	3.02E+06	1.99E+06	0.00E+00	1.55E+04	1.01E+06	1.01E+06	0.00E+00	0.00E+00	3.01E+06	3.02E+06	1.99E+06	0.00E+00	1.55E+04	1.01E+06	1.01E+06	0.00E+00	0.00E+00
Total Suspended Particulate	2.81E+06	2.81E+06	1.85E+06	0.00E+00	1.44E+04	9.38E+05	9.43E+05	0.00E+00	0.00E+00	2.81E+06	2.81E+06	1.85E+06	0.00E+00	1.44E+04	9.38E+05	9.43E+05	0.00E+00	0.00E+00
Pentachlorobiphenyl	4.31E-01	4.34E-01	2.43E-03	4.25E-01	1.89E-05	5.75E-07	1.06E-06	3.27E-03	6.04E-03	4.31E-01	4.34E-01	2.43E-03	4.25E-01	1.89E-05	5.75E-07	1.06E-06	3.27E-03	6.04E-03
Perylene	1.03E+01	1.03E+01	7.09E+00	0.00E+00	5.52E-02	3.14E+00	3.15E+00	0.00E+00	0.00E+00	1.03E+01	1.03E+01	7.09E+00	0.00E+00	5.52E-02	3.14E+00	3.15E+00	0.00E+00	0.00E+00
Phenanthrene	2.11E+03	2.11E+03	0.00E+00	2.11E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E+03	2.11E+03	0.00E+00	2.11E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Table G-29: Total COPC Load into the Waterbody Used in Fish Tissue Model Calculations Based on a 16-Year ACI Operational Time Frame

COPC	1-Year Exposure Duration									3-Year Exposure Duration								
	Total COPC Load		Total Deposition	Vapor COPC Diffusion Load	Runoff Load from Impervious Surfaces	Runoff Load from Pervious Surfaces		Soil Erosion Load		Total COPC Load		Total Deposition	Vapor COPC Diffusion Load	Runoff Load from Impervious Surfaces	Runoff Load from Pervious Surfaces		Soil Erosion Load	
	Lt (Lt = Ldep + Ldif + Lri + Lr + Le)		Ldep	Ldif	Lri	Lr		Le		Lt (Lt = Ldep + Ldif + Lri + Lr + Le)		Ldep	Ldif	Lri	Lr		Le	
	Cancer	Noncancer	Cancer/ Noncancer	Cancer/ Noncancer	Cancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer/ Noncancer	Cancer/ Noncancer	Cancer	Cancer	Noncancer	Cancer	Noncancer
g/yr									g/yr									
Phenol	3.76E+05	3.76E+05	0.00E+00	3.76E+05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E+05	3.76E+05	0.00E+00	3.76E+05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Phosphorus	2.52E+03	2.52E+03	2.50E+03	0.00E+00	1.95E+01	8.43E-02	8.43E-02	2.28E-02	2.28E-02	2.52E+03	2.52E+03	2.50E+03	0.00E+00	1.95E+01	8.43E-02	8.43E-02	2.28E-02	2.28E-02
Propionaldehyde	2.75E+03	2.75E+03	2.72E+03	0.00E+00	2.12E+01	3.80E-01	3.80E-01	8.79E-04	8.79E-04	2.75E+03	2.75E+03	2.72E+03	0.00E+00	2.12E+01	3.80E-01	3.80E-01	8.79E-04	8.79E-04
Pyrene	4.69E+02	4.70E+02	1.16E+00	4.67E+02	8.99E-03	4.59E-04	6.93E-04	1.01E+00	1.52E+00	4.69E+02	4.70E+02	1.16E+00	4.67E+02	8.99E-03	4.59E-04	6.93E-04	1.01E+00	1.52E+00
Pyridine	1.76E+04	1.76E+04	0.00E+00	1.76E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+04	1.76E+04	0.00E+00	1.76E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Selenium	1.55E+01	1.55E+01	1.54E+01	0.00E+00	1.20E-01	3.25E-04	3.25E-04	1.25E-04	1.25E-04	1.55E+01	1.55E+01	1.54E+01	0.00E+00	1.20E-01	3.25E-04	3.25E-04	1.25E-04	1.25E-04
Silver	1.58E+01	1.73E+01	1.06E+01	0.00E+00	8.22E-02	3.15E+00	4.07E+00	2.01E+00	2.60E+00	1.58E+01	1.73E+01	1.06E+01	0.00E+00	8.22E-02	3.15E+00	4.07E+00	2.01E+00	2.60E+00
Styrene	1.67E+03	1.67E+03	0.00E+00	1.67E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E+03	1.67E+03	0.00E+00	1.67E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sulfur Dioxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tetrachlorobiphenyl	7.22E-01	7.23E-01	5.04E-04	7.21E-01	3.92E-06	7.33E-07	1.34E-06	6.65E-04	1.22E-03	7.22E-01	7.23E-01	5.04E-04	7.21E-01	3.92E-06	7.33E-07	1.34E-06	6.65E-04	1.22E-03
Tetrachloroethene	5.79E-02	5.79E-02	0.00E+00	5.79E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-02	5.79E-02	0.00E+00	5.79E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Thallium (Soluble Salts)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Titanium	7.51E+00	7.52E+00	4.96E+00	0.00E+00	3.86E-02	2.51E+00	2.52E+00	0.00E+00	0.00E+00	7.51E+00	7.52E+00	4.96E+00	0.00E+00	3.86E-02	2.51E+00	2.52E+00	0.00E+00	0.00E+00
Toluene	4.78E+02	4.78E+02	0.00E+00	4.78E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E+02	4.78E+02	0.00E+00	4.78E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total Reduced Sulfur	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Trichlorobiphenyl	9.45E-01	9.45E-01	6.29E-04	9.43E-01	4.89E-06	9.13E-07	1.67E-06	8.29E-04	1.52E-03	9.45E-01	9.45E-01	6.29E-04	9.43E-01	4.89E-06	9.13E-07	1.67E-06	8.29E-04	1.52E-03
Trichloroethene	3.50E-03	3.50E-03	0.00E+00	3.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-03	3.50E-03	0.00E+00	3.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Trichlorofluoromethane	4.53E-03	4.53E-03	0.00E+00	4.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-03	4.53E-03	0.00E+00	4.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Vinyl chloride	1.46E+00	1.46E+00	0.00E+00	1.46E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00	1.46E+00	0.00E+00	1.46E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zinc	1.44E+04	1.44E+04	1.43E+04	3.44E-01	1.11E+02	1.20E-01	1.20E-01	5.73E-01	5.73E-01	1.44E+04	1.44E+04	1.43E+04	3.44E-01	1.11E+02	1.20E-01	1.20E-01	5.73E-01	5.73E-01
bis(2-Ethylhexyl) phthalate	1.99E+04	1.99E+04	2.73E+03	1.71E+04	2.12E+01	9.05E-05	9.10E-05	4.82E+01	4.84E+01	1.99E+04	1.99E+04	2.73E+03	1.71E+04	2.12E+01	9.05E-05	9.10E-05	4.82E+01	4.84E+01
cis-1,2-Dichloroethene	4.77E+00	4.77E+00	0.00E+00	4.77E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E+00	4.77E+00	0.00E+00	4.77E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
cis-1,3-Dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
m&p-Xylene	3.50E+01	3.50E+01	0.00E+00	3.50E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E+01	3.50E+01	0.00E+00	3.50E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
n-Butylbenzene	3.35E+00	3.35E+00	0.00E+00	3.35E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E+00	3.35E+00	0.00E+00	3.35E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
n-Propylbenzene	7.02E+00	7.02E+00	0.00E+00	7.02E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E+00	7.02E+00	0.00E+00	7.02E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
o-Xylene	4.14E+01	4.14E+01	0.00E+00	4.14E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E+01	4.14E+01	0.00E+00	4.14E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
p-Chloroaniline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
p-Chlorotoluene	9.78E-01	9.78E-01	0.00E+00	9.78E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.78E-01	9.78E-01	0.00E+00	9.78E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
p-Isopropyltoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
sec-Butylbenzene	5.65E-01	5.65E-01	0.00E+00	5.65E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-01	5.65E-01	0.00E+00	5.65E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
tert-Butylbenzene	1.45E+01	1.45E+01	0.00E+00	1.45E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+01	1.45E+01	0.00E+00	1.45E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
trans-1,2-Dichloroethene	5.18E+01	5.18E+01	0.00E+00	5.18E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E+01	5.18E+01	0.00E+00	5.18E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
trans-1,3-Dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Table G-29: Total COPC Load into the Waterbody Used in Fish Tissue Model Calculations Based on a 16-Year ACI Operational Time Frame

COPC	6-Year Exposure Duration									25-Year Exposure Duration								
	Total COPC Load		Total Deposition	Vapor COPC Diffusion Load	Runoff Load from Impervious Surfaces	Runoff Load from Pervious Surfaces		Soil Erosion Load		Total COPC Load		Total Deposition	Vapor COPC Diffusion Load	Runoff Load from Impervious Surfaces	Runoff Load from Pervious Surfaces		Soil Erosion Load	
	Lt (Lt = Ldep + Ldif + Lri + Lr + Le)		Ldep	Ldif	Lri	Lr		Le		Lt (Lt = Ldep + Ldif + Lri + Lr + Le)		Ldep	Ldif	Lri	Lr		Le	
	Cancer	Noncancer	Cancer/ Noncancer	Cancer/ Noncancer	Cancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer/ Noncancer	Cancer/ Noncancer	Cancer	Cancer	Noncancer	Cancer	Noncancer
g/yr																		
1,1,1,2-Tetrachloroethane	4.54E-01	4.54E-01	0.00E+00	4.54E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-01	4.54E-01	0.00E+00	4.54E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1,1-Trichloroethane	7.59E-02	7.59E-02	0.00E+00	7.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-02	7.59E-02	0.00E+00	7.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1-Dichloroethane	5.25E-03	5.25E-03	0.00E+00	5.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-03	5.25E-03	0.00E+00	5.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2,3,4,6,7,8-HpCDD	3.37E-02	4.95E-02	1.38E-02	1.29E-03	1.07E-04	1.30E-07	2.41E-07	1.85E-02	3.43E-02	1.52E-02	4.95E-02	1.38E-02	1.29E-03	1.07E-04	0.00E+00	2.41E-07	0.00E+00	3.43E-02
1,2,3,4,6,7,8-HpCDF	3.51E-02	5.10E-02	1.39E-02	2.46E-03	1.08E-04	5.20E-07	9.63E-07	1.86E-02	3.45E-02	1.64E-02	5.10E-02	1.39E-02	2.46E-03	1.08E-04	0.00E+00	9.63E-07	0.00E+00	3.45E-02
1,2,3,4,7,8,9-HpCDF	5.70E-03	7.59E-03	1.65E-03	1.82E-03	1.28E-05	6.18E-08	1.14E-07	2.22E-03	4.10E-03	3.49E-03	7.59E-03	1.65E-03	1.82E-03	1.28E-05	0.00E+00	1.14E-07	0.00E+00	4.10E-03
1,2,3,4,7,8-HxCDD	5.12E-03	6.96E-03	1.60E-03	1.36E-03	1.24E-05	2.39E-08	4.43E-08	2.15E-03	3.99E-03	2.97E-03	6.96E-03	1.60E-03	1.36E-03	1.24E-05	0.00E+00	4.43E-08	0.00E+00	3.99E-03
1,2,3,4,7,8-HxCDF	4.18E-02	5.64E-02	1.27E-02	1.20E-02	9.88E-05	1.20E-06	2.21E-06	1.71E-02	3.16E-02	2.48E-02	5.64E-02	1.27E-02	1.20E-02	9.88E-05	0.00E+00	2.21E-06	0.00E+00	3.16E-02
1,2,3,6,7,8-HxCDD	1.19E-02	1.56E-02	3.27E-03	4.17E-03	2.54E-05	3.08E-07	5.71E-07	4.40E-03	8.15E-03	7.47E-03	1.56E-02	3.27E-03	4.17E-03	2.54E-05	0.00E+00	5.71E-07	0.00E+00	8.15E-03
1,2,3,6,7,8-HxCDF	1.41E-02	1.89E-02	4.20E-03	4.27E-03	3.26E-05	1.98E-07	3.66E-07	5.64E-03	1.04E-02	8.50E-03	1.89E-02	4.20E-03	4.27E-03	3.26E-05	0.00E+00	3.66E-07	0.00E+00	1.04E-02
1,2,3,7,8,9-HxCDD	1.50E-02	2.09E-02	5.16E-03	2.84E-03	4.01E-05	2.43E-07	4.50E-07	6.93E-03	1.28E-02	8.04E-03	2.09E-02	5.16E-03	2.84E-03	4.01E-05	0.00E+00	4.50E-07	0.00E+00	1.28E-02
1,2,3,7,8,9-HxCDF	1.32E-03	1.67E-03	3.01E-04	6.13E-04	2.34E-06	2.84E-08	5.25E-08	4.05E-04	7.50E-04	9.17E-04	1.67E-03	3.01E-04	6.13E-04	2.34E-06	0.00E+00	5.25E-08	0.00E+00	7.50E-04
1,2,3,7,8-PeCDD	2.07E-02	2.28E-02	1.83E-03	1.64E-02	1.43E-05	3.95E-07	7.31E-07	2.46E-03	4.55E-03	1.83E-02	2.28E-02	1.83E-03	1.64E-02	1.43E-05	0.00E+00	7.31E-07	0.00E+00	4.55E-03
1,2,3,7,8-PeCDF	2.62E-02	2.87E-02	2.16E-03	2.11E-02	1.68E-05	3.30E-07	6.10E-07	2.90E-03	5.37E-03	2.33E-02	2.87E-02	2.16E-03	2.11E-02	1.68E-05	0.00E+00	6.10E-07	0.00E+00	5.37E-03
1,2,3-Trichlorobenzene	3.93E+00	3.93E+00	0.00E+00	3.93E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E+00	3.93E+00	0.00E+00	3.93E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2,3-Trichloropropane	1.13E+00	1.13E+00	0.00E+00	1.13E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+00	1.13E+00	0.00E+00	1.13E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2,4-Trimethylbenzene	7.76E+00	7.76E+00	0.00E+00	7.76E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.76E+00	7.76E+00	0.00E+00	7.76E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2,4-trichlorobenzene	1.52E+00	1.52E+00	0.00E+00	1.52E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+00	1.52E+00	0.00E+00	1.52E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2-Dibromoethane	3.90E-01	3.90E-01	0.00E+00	3.90E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-01	3.90E-01	0.00E+00	3.90E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2-Dichloroethane	2.96E+01	2.96E+01	0.00E+00	2.96E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E+01	2.96E+01	0.00E+00	2.96E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2-dichlorobenzene	2.50E-01	2.50E-01	0.00E+00	2.50E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-01	2.50E-01	0.00E+00	2.50E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,3,5-Trimethylbenzene	5.11E+00	5.11E+00	0.00E+00	5.11E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E+00	5.11E+00	0.00E+00	5.11E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,3-Butadiene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,3-Dichloropropane	3.45E-01	3.45E-01	0.00E+00	3.45E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-01	3.45E-01	0.00E+00	3.45E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,3-dichlorobenzene	4.27E-01	4.27E-01	0.00E+00	4.27E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-01	4.27E-01	0.00E+00	4.27E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,4-Dioxane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,4-dichlorobenzene	6.77E+00	6.77E+00	0.00E+00	6.77E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E+00	6.77E+00	0.00E+00	6.77E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1-Methylnaphthalene	5.28E+02	5.28E+02	5.24E+02	0.00E+00	4.07E+00	4.08E-02	4.08E-02	1.89E-04	1.89E-04	4.71E+04	5.28E+02	5.24E+02	0.00E+00	4.07E+00	4.63E+04	4.08E-02	2.14E+02	1.89E-04
1-Methylphenanthrene	9.46E+01	9.48E+01	6.25E+01	0.00E+00	4.86E-01	3.16E+01	3.18E+01	0.00E+00	0.00E+00	6.42E+03	9.48E+01	6.25E+01	0.00E+00	4.86E-01	6.36E+03	3.18E+01	0.00E+00	0.00E+00
2,3,4,6,7,8-HxCDF	2.25E-02	2.98E-02	6.40E-03	7.43E-03	4.97E-05	6.03E-07	1.12E-06	8.60E-03	1.59E-02	1.39E-02	2.98E-02	6.40E-03	7.43E-03	4.97E-05	0.00E+00	1.12E-06	0.00E+00	1.59E-02
2,3,4,7,8-PeCDF	5.07E-02	5.66E-02	5.16E-03	3.85E-02	4.02E-05	1.54E-06	2.84E-06	6.94E-03	1.28E-02	4.38E-02	5.66E-02	5.16E-03	3.85E-02	4.02E-05	0.00E+00	2.84E-06	0.00E+00	1.28E-02
2,3,5-Trimethylnaphthalene	4.61E+01	4.62E+01	3.04E+01	0.00E+00	2.37E-01	1.54E+01	1.55E+01	0.00E+00	0.00E+00	3.13E+03	4.62E+01	3.04E+01	0.00E+00	2.37E-01	3.10E+03	1.55E+01	0.00E+00	0.00E+00
2,3,7,8-TCDD	6.50E-03	6.84E-03	3.11E-04	5.78E-03	2.42E-06	4.55E-08	8.33E-08	4.10E-04	7.50E-04	6.09E-03	6.84E-03	3.11E-04	5.78E-03	2.42E-06	0.00E+00	8.33E-08	0.00E+00	7.50E-04
2,3,7,8-TCDF	4.33E-02	4.41E-02	7.00E-04	4.17E-02	5.45E-06	5.18E-07	9.54E-07	9.31E-04	1.71E-03	4.24E-02	4.41E-02	7.00E-04	4.17E-02	5.45E-06	0.00E+00	9.54E-07	0.00E+00	1.71E-03
2,4-Dimethylphenol	1.55E+03	1.55E+03	0.00E+00	1.55E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+03	1.55E+03	0.00E+00	1.55E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2,4-Dinitrotoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2,6-Dimethylnaphthalene	1.23E+02	1.23E+02	8.12E+01	0.00E+00	6.31E-01	4.11E+01	4.13E+01	0.00E+00	0.00E+00	8.34E+03	1.23E+02	8.12E+01	0.00E+00	6.31E-01	8.25E+03	4.13E+01	0.00E+00	0.00E+00
2,6-Dinitrotoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Butanone	5.61E+03	5.61E+03	0.00E+00	5.61E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E+03	5.61E+03	0.00E+00	5.61E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Chlorophenol	1.03E+02	1.03E+02	0.00E+00	1.03E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E+02	1.03E+02	0.00E+00	1.03E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Chlorotoluene	4.36E+00	4.36E+00	0.00E+00	4.36E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E+00	4.36E+00	0.00E+00	4.36E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Hexanone	6.07E+02	6.07E+02	0.00E+00	6.07E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E+02	6.07E+02	0.00E+00	6.07E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Methylnaphthalene	5.12E+02	5.12E+02	5.08E+02	0.00E+00	3.95E+00	3.95E-02	3.95E-02	1.83E-04	1.83E-04	4.57E+04	5.12E+02	5.08E+02	0.00E+00	3.95E+00	4.49E+04	3.95E-02	2.08E+02	1.83E-04
2-Methylphenol	6.04E+04	6.04E+04	0.00E+00	6.04E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E+04	6.04E+04	0.00E+00	6.04E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Nitrophenol	4.88E+02	4.88E+02	0.00E+00	4.88E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E+02	4.88E+02	0.00E+00	4.88E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Table G-29: Total COPC Load into the Waterbody Used in Fish Tissue Model Calculations Based on a 16-Year ACI Operational Time Frame

COPC	6-Year Exposure Duration									25-Year Exposure Duration								
	Total COPC Load		Total Deposition	Vapor COPC Diffusion Load	Runoff Load from Impervious Surfaces	Runoff Load from Pervious Surfaces		Soil Erosion Load		Total COPC Load		Total Deposition	Vapor COPC Diffusion Load	Runoff Load from Impervious Surfaces	Runoff Load from Pervious Surfaces		Soil Erosion Load	
	Lt (Lt = Ldep + Ldif + Lri + Lr + Le)		Ldep	Ldif	Lri	Lr		Le		Lt (Lt = Ldep + Ldif + Lri + Lr + Le)		Ldep	Ldif	Lri	Lr		Le	
	Cancer	Noncancer	Cancer/ Noncancer	Cancer/ Noncancer	Cancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer/ Noncancer	Cancer/ Noncancer	Cancer	Cancer	Noncancer	Cancer	Noncancer
g/yr																		
3-Methylphenol & 4-Methylphenol	2.40E+03	2.41E+03	1.59E+03	0.00E+00	1.24E+01	8.04E+02	8.08E+02	0.00E+00	0.00E+00	1.63E+05	2.41E+03	1.59E+03	0.00E+00	1.24E+01	1.62E+05	8.08E+02	0.00E+00	0.00E+00
4-Nitrophenol	7.99E+02	7.99E+02	0.00E+00	7.99E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E+02	7.99E+02	0.00E+00	7.99E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acenaphthylene	4.32E+02	4.33E+02	2.98E+02	0.00E+00	2.32E+00	1.32E+02	1.32E+02	0.00E+00	0.00E+00	3.06E+04	4.33E+02	2.98E+02	0.00E+00	2.32E+00	3.03E+04	1.32E+02	0.00E+00	0.00E+00
Acenaphthene	1.23E+02	1.23E+02	0.00E+00	1.23E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+02	1.23E+02	0.00E+00	1.23E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acetaldehyde	2.11E+05	2.11E+05	0.00E+00	2.11E+05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E+05	2.11E+05	0.00E+00	2.11E+05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acetophenone	6.04E+04	6.04E+04	0.00E+00	6.04E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E+04	6.04E+04	0.00E+00	6.04E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aluminum	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Anthracene	3.07E+02	3.07E+02	0.00E+00	3.07E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E+02	3.07E+02	0.00E+00	3.07E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Antimony	2.86E+00	2.86E+00	0.00E+00	2.86E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E+00	2.86E+00	0.00E+00	2.86E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Arsenic	5.19E+01	5.19E+01	5.15E+01	4.45E-05	4.00E-01	1.40E-05	1.40E-05	3.12E-05	3.12E-05	1.30E+02	5.19E+01	5.15E+01	4.45E-05	4.00E-01	2.40E+01	1.40E-05	5.36E+01	3.12E-05
Barium	2.10E+04	2.65E+04	1.37E+04	0.00E+00	1.07E+02	1.74E+03	3.05E+03	5.50E+03	9.65E+03	1.38E+04	2.65E+04	1.37E+04	0.00E+00	1.07E+02	0.00E+00	3.05E+03	0.00E+00	9.65E+03
Benzene	1.73E+03	1.73E+03	0.00E+00	1.73E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+03	1.73E+03	0.00E+00	1.73E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(a)anthracene	1.14E+03	1.14E+03	2.41E+01	1.10E+03	1.88E-01	7.66E-04	9.19E-04	1.06E+01	1.28E+01	1.17E+03	1.14E+03	2.41E+01	1.10E+03	1.88E-01	3.07E-03	9.19E-04	4.27E+01	1.28E+01
Benzo(a)pyrene	2.88E+02	2.88E+02	1.32E+01	2.70E+02	1.03E-01	1.27E-04	1.46E-04	4.70E+00	5.41E+00	3.14E+02	2.88E+02	1.32E+01	2.70E+02	1.03E-01	8.30E-04	1.46E-04	3.07E+01	5.41E+00
Benzo(b)fluoranthene	5.22E+01	5.22E+01	6.34E-01	5.13E+01	4.93E-03	1.06E-04	1.25E-04	2.57E-01	3.02E-01	5.32E+01	5.22E+01	6.34E-01	5.13E+01	4.93E-03	5.29E-04	1.25E-04	1.28E+00	3.02E-01
Benzo(e)pyrene	2.34E+01	2.34E+01	1.61E+01	0.00E+00	1.26E-01	7.14E+00	7.17E+00	0.00E+00	0.00E+00	1.66E+03	2.34E+01	1.61E+01	0.00E+00	1.26E-01	1.64E+03	7.17E+00	0.00E+00	0.00E+00
Benzo(g,h,i)perylene	1.77E+01	1.77E+01	1.22E+01	0.00E+00	9.48E-02	5.39E+00	5.42E+00	0.00E+00	0.00E+00	1.25E+03	1.77E+01	1.22E+01	0.00E+00	9.48E-02	1.24E+03	5.42E+00	0.00E+00	0.00E+00
Benzo(k)fluoranthene	4.40E-01	5.28E-01	1.80E-01	9.43E-02	1.40E-03	3.73E-06	5.72E-06	1.64E-01	2.52E-01	2.76E-01	5.28E-01	1.80E-01	9.43E-02	1.40E-03	0.00E+00	5.72E-06	0.00E+00	2.52E-01
Benzoic acid	3.64E+04	3.64E+04	0.00E+00	3.64E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E+04	3.64E+04	0.00E+00	3.64E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzyl alcohol	2.26E+02	2.26E+02	0.00E+00	2.26E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+02	2.26E+02	0.00E+00	2.26E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Beryllium	3.92E+00	3.92E+00	3.89E+00	2.37E-04	3.02E-02	5.43E-05	5.44E-05	3.31E-03	3.31E-03	8.06E+00	3.92E+00	3.89E+00	2.37E-04	3.02E-02	6.68E-02	5.44E-05	4.07E+00	3.31E-03
Biphenyl	1.77E+03	1.77E+03	1.76E+03	0.00E+00	1.37E+01	5.35E-01	5.35E-01	6.19E-03	6.19E-03	1.33E+05	1.77E+03	1.76E+03	0.00E+00	1.37E+01	1.30E+05	5.35E-01	1.51E+03	6.19E-03
Bromobenzene	7.33E+01	7.33E+01	0.00E+00	7.33E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E+01	7.33E+01	0.00E+00	7.33E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromochloromethane	3.52E-01	3.52E-01	0.00E+00	3.52E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-01	3.52E-01	0.00E+00	3.52E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromodichloromethane	2.76E-01	2.76E-01	0.00E+00	2.76E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-01	2.76E-01	0.00E+00	2.76E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromoform	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromomethane	5.90E+00	5.90E+00	0.00E+00	5.90E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E+00	5.90E+00	0.00E+00	5.90E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Butyl benzyl phthalate	3.91E+02	3.91E+02	4.73E+00	3.86E+02	3.68E-02	1.27E-05	1.28E-05	2.57E-02	2.57E-02	4.06E+02	3.91E+02	4.73E+00	3.86E+02	3.68E-02	7.38E-03	1.28E-05	1.49E+01	2.57E-02
Cadmium	6.69E+01	6.69E+01	6.63E+01	2.09E-03	5.16E-01	4.48E-04	4.48E-04	2.59E-03	2.59E-03	1.48E+02	6.69E+01	6.63E+01	2.09E-03	5.16E-01	1.20E+01	4.48E-04	6.93E+01	2.59E-03
Carbazole	5.41E+00	5.41E+00	3.57E+00	0.00E+00	2.78E-02	1.81E+00	1.82E+00	0.00E+00	0.00E+00	3.67E+02	5.41E+00	3.57E+00	0.00E+00	2.78E-02	3.63E+02	1.82E+00	0.00E+00	0.00E+00
Carbon dioxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Carbon disulfide	9.24E-01	9.24E-01	0.00E+00	9.24E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-01	9.24E-01	0.00E+00	9.24E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Carbon monoxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Carbon tetrachloride	3.42E-02	3.42E-02	0.00E+00	3.42E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-02	3.42E-02	0.00E+00	3.42E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chlordecone (Kepone)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chlorobenzene	1.19E+01	1.19E+01	0.00E+00	1.19E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E+01	1.19E+01	0.00E+00	1.19E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chlorodibromomethane	1.27E+01	1.27E+01	0.00E+00	1.27E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E+01	1.27E+01	0.00E+00	1.27E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chloroethane	1.12E+01	1.12E+01	0.00E+00	1.12E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+01	1.12E+01	0.00E+00	1.12E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chloroform	2.95E+00	2.95E+00	0.00E+00	2.95E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E+00	2.95E+00	0.00E+00	2.95E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chloromethane	2.25E+01	2.25E+01	0.00E+00	2.25E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E+01	2.25E+01	0.00E+00	2.25E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chromium	8.38E+02	9.96E+02	5.49E+02	0.00E+00	4.27E+00	1.16E+02	1.80E+02	1.69E+02	2.63E+02	5.53E+02	9.96E+02	5.49E+02	0.00E+00	4.27E+00	0.00E+00	1.80E+02	0.00E+00	2.63E+02
Chrysene	2.00E+02	2.03E+02	2.11E+01	1.66E+02	1.64E-01	8.99E-04	1.17E-03	1.25E+01	1.63E+01	1.91E+02	2.03E+02	2.11E+01	1.66E+02	1.64E-01	2.59E-04	1.17E-03	3.60E+00	1.63E+01
Cobalt	2.00E+03	2.54E+03	1.30E+03	0.00E+00	1.01E+01	1.54E+02	2.73E+02	5.35E+02	9.49E+02	1.31E+03	2.54E+03	1.30E+03	0.00E+00	1.01E+01	0.00E+00	2.73E+02	0.00E+00	9.49E+02
Copper	2.46E+03	3.07E+03	1.60E+03	0.00E+00	1.24E+01	2.28E+02	3.93E+02	6.16E+02	1.06E+03	1.61E+03	3.07E+03	1.60E+03	0.00E+00	1.24E+01	0.00E+00	3.93E+02	0.00E+00	1.06E+03
DDD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Table G-29: Total COPC Load into the Waterbody Used in Fish Tissue Model Calculations Based on a 16-Year ACI Operational Time Frame

COPC	6-Year Exposure Duration									25-Year Exposure Duration								
	Total COPC Load		Total Deposition	Vapor COPC Diffusion Load	Runoff Load from Impervious Surfaces	Runoff Load from Pervious Surfaces		Soil Erosion Load		Total COPC Load		Total Deposition	Vapor COPC Diffusion Load	Runoff Load from Impervious Surfaces	Runoff Load from Pervious Surfaces		Soil Erosion Load	
	Lt (Lt = Ldep + Ldif + Lri + Lr + Le)		Ldep	Ldif	Lri	Lr		Le		Lt (Lt = Ldep + Ldif + Lri + Lr + Le)		Ldep	Ldif	Lri	Lr		Le	
	Cancer	Noncancer	Cancer/ Noncancer	Cancer/ Noncancer	Cancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer/ Noncancer	Cancer/ Noncancer	Cancer	Cancer	Noncancer	Cancer	Noncancer
g/yr																		
DDE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Di-n-butyl phthalate	6.78E+03	6.78E+03	1.45E+00	6.78E+03	1.13E-02	2.13E-05	2.15E-05	2.57E-02	2.58E-02	6.79E+03	6.78E+03	1.45E+00	6.78E+03	1.13E-02	3.78E-03	2.15E-05	4.54E+00	2.58E-02
Di-n-octyl phthalate	1.39E+01	1.39E+01	2.04E+00	1.18E+01	1.59E-02	1.47E-08	1.48E-08	4.41E-02	4.44E-02	2.03E+01	1.39E+01	2.04E+00	1.18E+01	1.59E-02	2.13E-06	1.48E-08	6.42E+00	4.44E-02
Dibenze(a,h)anthracene	5.10E+00	5.54E+00	2.81E+00	6.95E-01	2.18E-02	1.17E-05	1.50E-05	1.57E+00	2.01E+00	5.15E+00	5.54E+00	2.81E+00	6.95E-01	2.18E-02	1.21E-05	1.50E-05	1.63E+00	2.01E+00
Dibenzofuran	1.54E+02	1.54E+02	1.53E+02	0.00E+00	1.19E+00	7.18E-02	7.18E-02	1.50E-03	1.50E-03	9.63E+03	1.54E+02	1.53E+02	0.00E+00	1.19E+00	9.28E+03	7.18E-02	1.93E+02	1.50E-03
Dibromomethane	1.01E+00	1.01E+00	0.00E+00	1.01E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E+00	1.01E+00	0.00E+00	1.01E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dichlorobiphenyl	2.42E+00	2.43E+00	1.48E-03	2.42E+00	1.15E-05	2.15E-06	3.94E-06	1.95E-03	3.58E-03	2.42E+00	2.43E+00	1.48E-03	2.42E+00	1.15E-05	0.00E+00	3.94E-06	0.00E+00	3.58E-03
Dichlorodifluoromethane	3.72E-03	3.72E-03	0.00E+00	3.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-03	3.72E-03	0.00E+00	3.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dieldrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dimethyl phthalate	1.48E+02	1.48E+02	0.00E+00	1.48E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+02	1.48E+02	0.00E+00	1.48E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ethylbenzene	2.23E+02	2.23E+02	0.00E+00	2.23E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E+02	2.23E+02	0.00E+00	2.23E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fluoranthene	4.66E+02	4.66E+02	1.19E+00	4.65E+02	9.24E-03	1.43E-04	1.61E-04	3.64E-01	4.09E-01	4.69E+02	4.66E+02	1.19E+00	4.65E+02	9.24E-03	1.19E-03	1.61E-04	3.04E+00	4.09E-01
Fluorene	9.45E+02	9.45E+02	0.00E+00	9.45E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.45E+02	9.45E+02	0.00E+00	9.45E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Formaldehyde	1.04E+06	1.04E+06	0.00E+00	1.04E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+06	1.04E+06	0.00E+00	1.04E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Heptachlorobiphenyl	3.20E-02	3.22E-02	1.63E-04	3.16E-02	1.27E-06	3.86E-08	7.13E-08	2.19E-04	4.05E-04	3.18E-02	3.22E-02	1.63E-04	3.16E-02	1.27E-06	0.00E+00	7.13E-08	0.00E+00	4.05E-04
Hexachlorobiphenyl	1.29E-01	1.30E-01	7.00E-04	1.28E-01	5.44E-06	1.65E-07	3.06E-07	9.39E-04	1.74E-03	1.28E-01	1.30E-01	7.00E-04	1.28E-01	5.44E-06	0.00E+00	3.06E-07	0.00E+00	1.74E-03
Hexachlorobutadiene	2.03E+01	2.03E+01	0.00E+00	2.03E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E+01	2.03E+01	0.00E+00	2.03E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hydrogen Chloride	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hydrogen cyanide	1.75E+04	1.75E+04	0.00E+00	1.75E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E+04	1.75E+04	0.00E+00	1.75E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hydrogen sulfide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Indeno(1,2,3-cd)pyrene	1.46E+01	1.55E+01	9.79E+00	2.08E-01	7.62E-02	3.68E-05	4.46E-05	4.51E+00	5.47E+00	2.58E+01	1.55E+01	9.79E+00	2.08E-01	7.62E-02	1.28E-04	4.46E-05	1.57E+01	5.47E+00
Iron	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Isopropanol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Isopropylbenzene	1.01E-01	1.01E-01	0.00E+00	1.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01	1.01E-01	0.00E+00	1.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lead	5.63E+02	5.63E+02	5.58E+02	1.49E-02	4.34E+00	4.68E-03	4.68E-03	3.25E-01	3.25E-01	1.16E+03	5.63E+02	5.58E+02	1.49E-02	4.34E+00	8.41E+00	4.68E-03	5.84E+02	3.25E-01
Manganese	7.35E+02	7.36E+02	4.86E+02	0.00E+00	3.78E+00	2.46E+02	2.47E+02	0.00E+00	0.00E+00	4.99E+04	7.36E+02	4.86E+02	0.00E+00	3.78E+00	4.94E+04	2.47E+02	0.00E+00	0.00E+00
Mercury (+2)	9.27E-02	1.24E-01	6.10E-02	0.00E+00	4.74E-04	6.98E-06	1.40E-05	3.13E-02	6.25E-02	6.14E-02	1.24E-01	6.10E-02	0.00E+00	4.74E-04	0.00E+00	1.40E-05	0.00E+00	6.25E-02
Mercury, elemental	3.82E-01	3.82E-01	3.12E-01	6.84E-02	2.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-01	3.82E-01	3.12E-01	6.84E-02	2.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methyl Isobutyl Ketone	1.05E+01	1.05E+01	0.00E+00	1.05E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+01	1.05E+01	0.00E+00	1.05E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methyl Mercury	3.17E-01	3.21E-01	3.12E-01	0.00E+00	2.42E-03	6.02E-06	1.20E-05	3.25E-03	6.50E-03	3.14E-01	3.21E-01	3.12E-01	0.00E+00	2.42E-03	0.00E+00	1.20E-05	0.00E+00	6.50E-03
Methylene chloride	9.41E+01	9.41E+01	0.00E+00	9.41E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.41E+01	9.41E+01	0.00E+00	9.41E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Monochlorobiphenyl	1.70E+01	1.70E+01	1.03E-02	1.69E+01	8.02E-05	1.50E-05	2.75E-05	1.36E-02	2.49E-02	1.70E+01	1.70E+01	1.03E-02	1.69E+01	8.02E-05	0.00E+00	2.75E-05	0.00E+00	2.49E-02
NOx (Oxides of Nitrogen)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Napthalene	2.93E+03	2.93E+03	0.00E+00	2.93E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E+03	2.93E+03	0.00E+00	2.93E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nickel	3.10E+02	3.10E+02	3.07E+02	1.17E-02	2.39E+00	2.57E-03	2.57E-03	1.29E-02	1.29E-02	6.95E+02	3.10E+02	3.07E+02	1.17E-02	2.39E+00	6.40E+01	2.57E-03	3.21E+02	1.29E-02
Nonachlorobiphenyl	3.99E-03	4.02E-03	2.47E-05	3.93E-03	1.92E-07	5.84E-09	1.08E-08	3.32E-05	6.14E-05	3.96E-03	4.02E-03	2.47E-05	3.93E-03	1.92E-07	0.00E+00	1.08E-08	0.00E+00	6.14E-05
OCDD	2.24E-02	3.30E-02	9.21E-03	7.65E-04	7.16E-05	5.48E-08	1.01E-07	1.24E-02	2.29E-02	1.00E-02	3.30E-02	9.21E-03	7.65E-04	7.16E-05	0.00E+00	1.01E-07	0.00E+00	2.29E-02
OCDF	8.38E-03	1.24E-02	3.48E-03	1.82E-04	2.71E-05	3.29E-08	6.09E-08	4.69E-03	8.69E-03	3.69E-03	1.24E-02	3.48E-03	1.82E-04	2.71E-05	0.00E+00	6.09E-08	0.00E+00	8.69E-03
Octachlorobiphenyl	9.50E-03	9.56E-03	5.08E-05	9.38E-03	3.95E-07	1.20E-08	2.22E-08	6.81E-05	1.26E-04	9.43E-03	9.56E-03	5.08E-05	9.38E-03	3.95E-07	0.00E+00	2.22E-08	0.00E+00	1.26E-04
PM<10	3.61E+06	3.62E+06	2.39E+06	0.00E+00	1.86E+04	1.21E+06	1.21E+06	0.00E+00	0.00E+00	2.45E+08	3.62E+06	2.39E+06	0.00E+00	1.86E+04	2.43E+08	1.21E+06	0.00E+00	0.00E+00
PM<2.5	3.01E+06	3.02E+06	1.99E+06	0.00E+00	1.55E+04	1.01E+06	1.01E+06	0.00E+00	0.00E+00	2.04E+08	3.02E+06	1.99E+06	0.00E+00	1.55E+04	2.02E+08	1.01E+06	0.00E+00	0.00E+00
Total Suspended Particulate	2.81E+06	2.81E+06	1.85E+06	0.00E+00	1.44E+04	9.38E+05	9.43E+05	0.00E+00	0.00E+00	1.90E+08	2.81E+06	1.85E+06	0.00E+00	1.44E+04	1.89E+08	9.43E+05	0.00E+00	0.00E+00
Pentachlorobiphenyl	4.31E-01	4.34E-01	2.43E-03	4.25E-01	1.89E-05	5.75E-07	1.06E-06	3.27E-03	6.04E-03	4.28E-01	4.34E-01	2.43E-03	4.25E-01	1.89E-05	0.00E+00	1.06E-06	0.00E+00	6.04E-03
Perylene	1.03E+01	1.03E+01	7.09E+00	0.00E+00	5.52E-02	3.14E+00	3.15E+00	0.00E+00	0.00E+00	7.28E+02	1.03E+01	7.09E+00	0.00E+00	5.52E-02	7.21E+02	3.15E+00	0.00E+00	0.00E+00
Phenanthrene	2.11E+03	2.11E+03	0.00E+00	2.11E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E+03	2.11E+03	0.00E+00	2.11E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Table G-29: Total COPC Load into the Waterbody Used in Fish Tissue Model Calculations Based on a 16-Year ACI Operational Time Frame

COPC	6-Year Exposure Duration									25-Year Exposure Duration								
	Total COPC Load		Total Deposition	Vapor COPC Diffusion Load	Runoff Load from Impervious Surfaces	Runoff Load from Pervious Surfaces		Soil Erosion Load		Total COPC Load		Total Deposition	Vapor COPC Diffusion Load	Runoff Load from Impervious Surfaces	Runoff Load from Pervious Surfaces		Soil Erosion Load	
	Lt (Lt = Ldep + Ldif + Lri + Lr + Le)		Ldep	Ldif	Lri	Lr		Le		Lt (Lt = Ldep + Ldif + Lri + Lr + Le)		Ldep	Ldif	Lri	Lr		Le	
	Cancer	Noncancer	Cancer/ Noncancer	Cancer/ Noncancer	Cancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer/ Noncancer	Cancer/ Noncancer	Cancer	Cancer	Noncancer	Cancer	Noncancer
g/yr									g/yr									
Phenol	3.76E+05	3.76E+05	0.00E+00	3.76E+05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E+05	3.76E+05	0.00E+00	3.76E+05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Phosphorus	2.52E+03	2.52E+03	2.50E+03	0.00E+00	1.95E+01	8.43E-02	8.43E-02	2.28E-02	2.28E-02	1.44E+04	2.52E+03	2.50E+03	0.00E+00	1.95E+01	9.35E+03	8.43E-02	2.52E+03	2.28E-02
Propionaldehyde	2.75E+03	2.75E+03	2.72E+03	0.00E+00	2.12E+01	3.80E-01	3.80E-01	8.79E-04	8.79E-04	2.61E+05	2.75E+03	2.72E+03	0.00E+00	2.12E+01	2.58E+05	3.80E-01	5.97E+02	8.79E-04
Pyrene	4.69E+02	4.70E+02	1.16E+00	4.67E+02	8.99E-03	4.59E-04	6.93E-04	1.01E+00	1.52E+00	4.68E+02	4.70E+02	1.16E+00	4.67E+02	8.99E-03	0.00E+00	6.93E-04	0.00E+00	1.52E+00
Pyridine	1.76E+04	1.76E+04	0.00E+00	1.76E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+04	1.76E+04	0.00E+00	1.76E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Selenium	1.55E+01	1.55E+01	1.54E+01	0.00E+00	1.20E-01	3.25E-04	3.25E-04	1.25E-04	1.25E-04	7.20E+01	1.55E+01	1.54E+01	0.00E+00	1.20E-01	4.08E+01	3.25E-04	1.57E+01	1.25E-04
Silver	1.58E+01	1.73E+01	1.06E+01	0.00E+00	8.22E-02	3.15E+00	4.07E+00	2.01E+00	2.60E+00	1.35E+01	1.73E+01	1.06E+01	0.00E+00	8.22E-02	1.74E+00	4.07E+00	1.11E+00	2.60E+00
Styrene	1.67E+03	1.67E+03	0.00E+00	1.67E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E+03	1.67E+03	0.00E+00	1.67E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sulfur Dioxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tetrachlorobiphenyl	7.22E-01	7.23E-01	5.04E-04	7.21E-01	3.92E-06	7.33E-07	1.34E-06	6.65E-04	1.22E-03	7.21E-01	7.23E-01	5.04E-04	7.21E-01	3.92E-06	0.00E+00	1.34E-06	0.00E+00	1.22E-03
Tetrachloroethene	5.79E-02	5.79E-02	0.00E+00	5.79E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-02	5.79E-02	0.00E+00	5.79E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Thallium (Soluble Salts)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Titanium	7.51E+00	7.52E+00	4.96E+00	0.00E+00	3.86E-02	2.51E+00	2.52E+00	0.00E+00	0.00E+00	5.09E+02	7.52E+00	4.96E+00	0.00E+00	3.86E-02	5.04E+02	2.52E+00	0.00E+00	0.00E+00
Toluene	4.78E+02	4.78E+02	0.00E+00	4.78E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E+02	4.78E+02	0.00E+00	4.78E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total Reduced Sulfur	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Trichlorobiphenyl	9.45E-01	9.45E-01	6.29E-04	9.43E-01	4.89E-06	9.13E-07	1.67E-06	8.29E-04	1.52E-03	9.44E-01	9.45E-01	6.29E-04	9.43E-01	4.89E-06	0.00E+00	1.67E-06	0.00E+00	1.52E-03
Trichloroethene	3.50E-03	3.50E-03	0.00E+00	3.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-03	3.50E-03	0.00E+00	3.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Trichlorofluoromethane	4.53E-03	4.53E-03	0.00E+00	4.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-03	4.53E-03	0.00E+00	4.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Vinyl chloride	1.46E+00	1.46E+00	0.00E+00	1.46E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00	1.46E+00	0.00E+00	1.46E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zinc	1.44E+04	1.44E+04	1.43E+04	3.44E-01	1.11E+02	1.20E-01	1.20E-01	5.73E-01	5.73E-01	3.25E+04	1.44E+04	1.43E+04	3.44E-01	1.11E+02	3.12E+03	1.20E-01	1.49E+04	5.73E-01
bis(2-Ethylhexyl) phthalate	1.99E+04	1.99E+04	2.73E+03	1.71E+04	2.12E+01	9.05E-05	9.10E-05	4.82E+01	4.84E+01	2.84E+04	1.99E+04	2.73E+03	1.71E+04	2.12E+01	1.61E-02	9.10E-05	8.55E+03	4.84E+01
cis-1,2-Dichloroethene	4.77E+00	4.77E+00	0.00E+00	4.77E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E+00	4.77E+00	0.00E+00	4.77E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
cis-1,3-Dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
m&p-Xylene	3.50E+01	3.50E+01	0.00E+00	3.50E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E+01	3.50E+01	0.00E+00	3.50E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
n-Butylbenzene	3.35E+00	3.35E+00	0.00E+00	3.35E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E+00	3.35E+00	0.00E+00	3.35E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
n-Propylbenzene	7.02E+00	7.02E+00	0.00E+00	7.02E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E+00	7.02E+00	0.00E+00	7.02E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
o-Xylene	4.14E+01	4.14E+01	0.00E+00	4.14E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E+01	4.14E+01	0.00E+00	4.14E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
p-Chloroaniline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
p-Chlorotoluene	9.78E-01	9.78E-01	0.00E+00	9.78E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.78E-01	9.78E-01	0.00E+00	9.78E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
p-Isopropyltoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
sec-Butylbenzene	5.65E-01	5.65E-01	0.00E+00	5.65E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-01	5.65E-01	0.00E+00	5.65E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
tert-Butylbenzene	1.45E+01	1.45E+01	0.00E+00	1.45E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+01	1.45E+01	0.00E+00	1.45E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
trans-1,2-Dichloroethene	5.18E+01	5.18E+01	0.00E+00	5.18E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E+01	5.18E+01	0.00E+00	5.18E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
trans-1,3-Dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00



Table G-30: Total COPC Load into the Waterbody Used in Fish Tissue Model Calculations Based on a 30-Year ACI Operational Time Frame

COPC	1-Year Exposure Duration									3-Year Exposure Duration								
	Total COPC Load		Total Deposition	Vapor COPC Diffusion Load	Runoff Load from Impervious Surfaces	Runoff Load from Pervious Surfaces		Soil Erosion Load		Total COPC Load	Total Deposition	Vapor COPC Diffusion Load	Runoff Load from Impervious Surfaces	Runoff Load from Pervious Surfaces		Soil Erosion Load		
	Lt (Lt = Ldep + Ldif + Lri + Lr + Le)		Ldep	Ldif	Lri	Lr		Le		Lt (Lt = Ldep + Ldif + Lri + Lr + Le)		Ldep	Ldif	Lri	Lr		Le	
	Cancer	Noncancer	Cancer/ Noncancer	Cancer/ Noncancer	Cancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer/ Noncancer	Cancer/ Noncancer	Cancer	Cancer	Noncancer	Cancer	Noncancer
g/yr									g/yr									
1,1,1,2-Tetrachloroethane	4.54E-01	4.54E-01	0.00E+00	4.54E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-01	4.54E-01	0.00E+00	4.54E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1,1-Trichloroethane	7.59E-02	7.59E-02	0.00E+00	7.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-02	7.59E-02	0.00E+00	7.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1-Dichloroethene	5.25E-03	5.25E-03	0.00E+00	5.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-03	5.25E-03	0.00E+00	5.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2,3,4,6,7,8-HpCDD	4.59E-02	6.86E-02	1.38E-02	1.29E-03	1.07E-04	2.15E-07	3.74E-07	3.07E-02	5.34E-02	4.59E-02	6.86E-02	1.38E-02	1.29E-03	1.07E-04	2.15E-07	3.74E-07	3.07E-02	5.34E-02
1,2,3,4,6,7,8-HpCDF	4.73E-02	7.02E-02	1.39E-02	2.46E-03	1.08E-04	8.61E-07	1.50E-06	3.09E-02	5.37E-02	4.73E-02	7.02E-02	1.39E-02	2.46E-03	1.08E-04	8.61E-07	1.50E-06	3.09E-02	5.37E-02
1,2,3,4,7,8,9-HpCDF	7.15E-03	9.87E-03	1.65E-03	1.82E-03	1.28E-05	1.02E-07	1.78E-07	3.67E-03	6.39E-03	7.15E-03	9.87E-03	1.65E-03	1.82E-03	1.28E-05	1.02E-07	1.78E-07	3.67E-03	6.39E-03
1,2,3,4,7,8-HxCDD	6.53E-03	9.17E-03	1.60E-03	1.36E-03	1.24E-05	3.96E-08	6.89E-08	3.56E-03	6.20E-03	6.53E-03	9.17E-03	1.60E-03	1.36E-03	1.24E-05	3.96E-08	6.89E-08	3.56E-03	6.20E-03
1,2,3,4,7,8-HxCDF	5.30E-02	7.39E-02	1.27E-02	1.20E-02	9.88E-05	1.98E-06	3.44E-06	2.82E-02	4.91E-02	5.30E-02	7.39E-02	1.27E-02	1.20E-02	9.88E-05	1.98E-06	3.44E-06	2.82E-02	4.91E-02
1,2,3,6,7,8-HxCDD	1.48E-02	2.01E-02	3.27E-03	4.17E-03	2.54E-05	5.10E-07	8.88E-07	7.28E-03	1.27E-02	1.48E-02	2.01E-02	3.27E-03	4.17E-03	2.54E-05	5.10E-07	8.88E-07	7.28E-03	1.27E-02
1,2,3,6,7,8-HxCDF	1.78E-02	2.47E-02	4.20E-03	4.27E-03	3.26E-05	3.27E-07	5.69E-07	9.31E-03	1.62E-02	1.78E-02	2.47E-02	4.20E-03	4.27E-03	3.26E-05	3.27E-07	5.69E-07	9.31E-03	1.62E-02
1,2,3,7,8,9-HxCDD	1.95E-02	2.79E-02	5.16E-03	2.84E-03	4.01E-05	4.02E-07	6.99E-07	1.14E-02	1.99E-02	1.95E-02	2.79E-02	5.16E-03	2.84E-03	4.01E-05	4.02E-07	6.99E-07	1.14E-02	1.99E-02
1,2,3,7,8,9-HxCDF	1.59E-03	2.08E-03	3.01E-04	6.13E-04	2.34E-06	4.69E-08	8.17E-08	6.70E-04	1.17E-03	1.59E-03	2.08E-03	3.01E-04	6.13E-04	2.34E-06	4.69E-08	8.17E-08	6.70E-04	1.17E-03
1,2,3,7,8-PeCDD	2.23E-02	2.53E-02	1.83E-03	1.64E-02	1.43E-05	6.52E-07	1.13E-06	4.06E-03	7.06E-03	2.23E-02	2.53E-02	1.83E-03	1.64E-02	1.43E-05	6.52E-07	1.13E-06	4.06E-03	7.06E-03
1,2,3,7,8-PeCDF	2.81E-02	3.17E-02	2.16E-03	2.11E-02	1.68E-05	5.45E-07	9.49E-07	4.80E-03	8.35E-03	2.81E-02	3.17E-02	2.16E-03	2.11E-02	1.68E-05	5.45E-07	9.49E-07	4.80E-03	8.35E-03
1,2,3-Trichlorobenzene	3.93E+00	3.93E+00	0.00E+00	3.93E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E+00	3.93E+00	0.00E+00	3.93E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2,3-Trichloropropane	1.13E+00	1.13E+00	0.00E+00	1.13E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+00	1.13E+00	0.00E+00	1.13E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2,4-Trimethylbenzene	7.76E+00	7.76E+00	0.00E+00	7.76E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.76E+00	7.76E+00	0.00E+00	7.76E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2,4-trichlorobenzene	1.52E+00	1.52E+00	0.00E+00	1.52E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+00	1.52E+00	0.00E+00	1.52E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2-Dibromoethane	3.90E-01	3.90E-01	0.00E+00	3.90E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-01	3.90E-01	0.00E+00	3.90E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2-Dichloroethane	2.96E+01	2.96E+01	0.00E+00	2.96E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E+01	2.96E+01	0.00E+00	2.96E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2-dichlorobenzene	2.50E-01	2.50E-01	0.00E+00	2.50E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-01	2.50E-01	0.00E+00	2.50E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,3,5-Trimethylbenzene	5.11E+00	5.11E+00	0.00E+00	5.11E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E+00	5.11E+00	0.00E+00	5.11E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,3-Butadiene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,3-Dichloropropane	3.45E-01	3.45E-01	0.00E+00	3.45E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-01	3.45E-01	0.00E+00	3.45E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,3-dichlorobenzene	4.27E-01	4.27E-01	0.00E+00	4.27E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-01	4.27E-01	0.00E+00	4.27E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,4-Dioxane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,4-dichlorobenzene	6.77E+00	6.77E+00	0.00E+00	6.77E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E+00	6.77E+00	0.00E+00	6.77E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1-Methylnaphthalene	5.28E+02	5.28E+02	5.24E+02	0.00E+00	4.07E+00	4.08E-02	4.08E-02	1.89E-04	1.89E-04	5.28E+02	5.28E+02	5.24E+02	0.00E+00	4.07E+00	4.08E-02	4.08E-02	1.89E-04	1.89E-04
1-Methylphenanthrene	9.47E+01	9.48E+01	6.25E+01	0.00E+00	4.86E-01	3.17E+01	3.18E+01	0.00E+00	0.00E+00	9.47E+01	9.48E+01	6.25E+01	0.00E+00	4.86E-01	3.17E+01	3.18E+01	0.00E+00	0.00E+00
2,3,4,6,7,8-HxCDF	2.81E-02	3.86E-02	6.40E-03	7.43E-03	4.97E-05	9.97E-07	1.73E-06	1.42E-02	2.48E-02	2.81E-02	3.86E-02	6.40E-03	7.43E-03	4.97E-05	9.97E-07	1.73E-06	1.42E-02	2.48E-02
2,3,4,7,8-PeCDF	5.52E-02	6.37E-02	5.16E-03	3.85E-02	4.02E-05	2.54E-06	4.42E-06	1.15E-02	1.99E-02	5.52E-02	6.37E-02	5.16E-03	3.85E-02	4.02E-05	2.54E-06	4.42E-06	1.15E-02	1.99E-02
2,3,5-Trimethylnaphthalene	4.61E+01	4.62E+01	3.04E+01	0.00E+00	2.37E-01	1.54E+01	1.55E+01	0.00E+00	0.00E+00	4.61E+01	4.62E+01	3.04E+01	0.00E+00	2.37E-01	1.54E+01	1.55E+01	0.00E+00	0.00E+00
2,3,7,8-TCDD	6.76E-03	7.23E-03	3.11E-04	5.78E-03	2.42E-06	7.40E-08	1.27E-07	6.67E-04	1.14E-03	6.76E-03	7.23E-03	3.11E-04	5.78E-03	2.42E-06	7.40E-08	1.27E-07	6.67E-04	1.14E-03
2,3,7,8-TCDF	4.39E-02	4.50E-02	7.00E-04	4.17E-02	5.45E-06	8.49E-07	1.46E-06	1.53E-03	2.63E-03	4.39E-02	4.50E-02	7.00E-04	4.17E-02	5.45E-06	8.49E-07	1.46E-06	1.53E-03	2.63E-03
2,4-Dimethylphenol	1.55E+03	1.55E+03	0.00E+00	1.55E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+03	1.55E+03	0.00E+00	1.55E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2,4-Dinitrotoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2,6-Dimethylnaphthalene	1.23E+02	1.23E+02	8.12E+01	0.00E+00	6.31E-01	4.12E+01	4.13E+01	0.00E+00	0.00E+00	1.23E+02	1.23E+02	8.12E+01	0.00E+00	6.31E-01	4.12E+01	4.13E+01	0.00E+00	0.00E+00
2,6-Dinitrotoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Butanone	5.61E+03	5.61E+03	0.00E+00	5.61E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E+03	5.61E+03	0.00E+00	5.61E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Chlorophenol	1.03E+02	1.03E+02	0.00E+00	1.03E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E+02	1.03E+02	0.00E+00	1.03E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Chlorotoluene	4.36E+00	4.36E+00	0.00E+00	4.36E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E+00	4.36E+00	0.00E+00	4.36E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Hexanone	6.07E+02	6.07E+02	0.00E+00	6.07E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E+02	6.07E+02	0.00E+00	6.07E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Methylnaphthalene	5.12E+02	5.12E+02	5.08E+02	0.00E+00	3.95E+00	3.95E-02	3.95E-02	1.83E-04	1.83E-04	5.12E+02	5.12E+02	5.08E+02	0.00E+00	3.95E+00	3.95E-02	3.95E-02	1.83E-04	1.83E-04
2-Methylphenol	6.04E+04	6.04E+04	0.00E+00	6.04E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E+04	6.04E+04	0.00E+00	6.04E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Nitrophenol	4.88E+02	4.88E+02	0.00E+00	4.88E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E+02	4.88E+02	0.00E+00	4.88E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00



Table G-30: Total COPC Load into the Waterbody Used in Fish Tissue Model Calculations Based on a 30-Year ACI Operational Time Frame

COPC	1-Year Exposure Duration									3-Year Exposure Duration								
	Total COPC Load		Total Deposition	Vapor COPC Diffusion Load	Runoff Load from Impervious Surfaces	Runoff Load from Pervious Surfaces		Soil Erosion Load		Total COPC Load		Total Deposition	Vapor COPC Diffusion Load	Runoff Load from Impervious Surfaces	Runoff Load from Pervious Surfaces		Soil Erosion Load	
	Lt (Lt = Ldep + Ldif + Lri + Lr + Le)		Ldep	Ldif	Lri	Lr		Le		Lt (Lt = Ldep + Ldif + Lri + Lr + Le)		Ldep	Ldif	Lri	Lr		Le	
	Cancer	Noncancer	Cancer/ Noncancer	Cancer/ Noncancer	Cancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer/ Noncancer	Cancer/ Noncancer	Cancer	Cancer	Noncancer	Cancer	Noncancer
g/yr																		
3-Methylphenol & 4-Methylphenol	2.41E+03	2.41E+03	1.59E+03	0.00E+00	1.24E+01	8.06E+02	8.08E+02	0.00E+00	0.00E+00	2.41E+03	2.41E+03	1.59E+03	0.00E+00	1.24E+01	8.06E+02	8.08E+02	0.00E+00	0.00E+00
4-Nitrophenol	7.99E+02	7.99E+02	0.00E+00	7.99E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E+02	7.99E+02	0.00E+00	7.99E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acenaphthylene	4.32E+02	4.33E+02	2.98E+02	0.00E+00	2.32E+00	1.32E+02	1.32E+02	0.00E+00	0.00E+00	4.32E+02	4.33E+02	2.98E+02	0.00E+00	2.32E+00	1.32E+02	1.32E+02	0.00E+00	0.00E+00
Acenaphthene	1.23E+02	1.23E+02	0.00E+00	1.23E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+02	1.23E+02	0.00E+00	1.23E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acetaldehyde	2.11E+05	2.11E+05	0.00E+00	2.11E+05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E+05	2.11E+05	0.00E+00	2.11E+05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acetophenone	6.04E+04	6.04E+04	0.00E+00	6.04E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E+04	6.04E+04	0.00E+00	6.04E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aluminum	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Anthracene	3.07E+02	3.07E+02	0.00E+00	3.07E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E+02	3.07E+02	0.00E+00	3.07E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Antimony	2.86E+00	2.86E+00	0.00E+00	2.86E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E+00	2.86E+00	0.00E+00	2.86E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Arsenic	5.19E+01	5.19E+01	5.15E+01	4.45E-05	4.00E-01	1.40E-05	1.40E-05	3.12E-05	3.12E-05	5.19E+01	5.19E+01	5.15E+01	4.45E-05	4.00E-01	1.40E-05	1.40E-05	3.12E-05	3.12E-05
Barium	2.49E+04	3.15E+04	1.37E+04	0.00E+00	1.07E+02	2.67E+03	4.26E+03	8.43E+03	1.35E+04	2.49E+04	3.15E+04	1.37E+04	0.00E+00	1.07E+02	2.67E+03	4.26E+03	8.43E+03	1.35E+04
Benzene	1.73E+03	1.73E+03	0.00E+00	1.73E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+03	1.73E+03	0.00E+00	1.73E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(a)anthracene	1.14E+03	1.14E+03	2.41E+01	1.10E+03	1.88E-01	8.38E-04	9.21E-04	1.16E+01	1.28E+01	1.14E+03	1.14E+03	2.41E+01	1.10E+03	1.88E-01	8.38E-04	9.21E-04	1.16E+01	1.28E+01
Benzo(a)pyrene	2.88E+02	2.88E+02	1.32E+01	2.70E+02	1.03E-01	1.36E-04	1.46E-04	5.03E+00	5.41E+00	2.88E+02	2.88E+02	1.32E+01	2.70E+02	1.03E-01	1.36E-04	1.46E-04	5.03E+00	5.41E+00
Benzo(b)fluoranthene	5.22E+01	5.22E+01	6.34E-01	5.13E+01	4.93E-03	1.15E-04	1.25E-04	2.78E-01	3.03E-01	5.22E+01	5.22E+01	6.34E-01	5.13E+01	4.93E-03	1.15E-04	1.25E-04	2.78E-01	3.03E-01
Benzo(e)pyrene	2.34E+01	2.34E+01	1.61E+01	0.00E+00	1.26E-01	7.16E+00	7.17E+00	0.00E+00	0.00E+00	2.34E+01	2.34E+01	1.61E+01	0.00E+00	1.26E-01	7.16E+00	7.17E+00	0.00E+00	0.00E+00
Benzo(g,h,i)perylene	1.77E+01	1.77E+01	1.22E+01	0.00E+00	9.48E-02	5.41E+00	5.42E+00	0.00E+00	0.00E+00	1.77E+01	1.77E+01	1.22E+01	0.00E+00	9.48E-02	5.41E+00	5.42E+00	0.00E+00	0.00E+00
Benzo(k)fluoranthene	4.91E-01	5.63E-01	1.80E-01	9.43E-02	1.40E-03	4.89E-06	6.52E-06	2.15E-01	2.87E-01	4.91E-01	5.63E-01	1.80E-01	9.43E-02	1.40E-03	4.89E-06	6.52E-06	2.15E-01	2.87E-01
Benzoic acid	3.64E+04	3.64E+04	0.00E+00	3.64E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E+04	3.64E+04	0.00E+00	3.64E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzyl alcohol	2.26E+02	2.26E+02	0.00E+00	2.26E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+02	2.26E+02	0.00E+00	2.26E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Beryllium	3.92E+00	3.92E+00	3.89E+00	2.37E-04	3.02E-02	5.43E-05	5.44E-05	3.31E-03	3.31E-03	3.92E+00	3.92E+00	3.89E+00	2.37E-04	3.02E-02	5.43E-05	5.44E-05	3.31E-03	3.31E-03
Biphenyl	1.77E+03	1.77E+03	1.76E+03	0.00E+00	1.37E+01	5.35E-01	5.35E-01	6.19E-03	6.19E-03	1.77E+03	1.77E+03	1.76E+03	0.00E+00	1.37E+01	5.35E-01	5.35E-01	6.19E-03	6.19E-03
Bromobenzene	7.33E+01	7.33E+01	0.00E+00	7.33E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E+01	7.33E+01	0.00E+00	7.33E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromochloromethane	3.52E-01	3.52E-01	0.00E+00	3.52E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-01	3.52E-01	0.00E+00	3.52E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromodichloromethane	2.76E-01	2.76E-01	0.00E+00	2.76E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-01	2.76E-01	0.00E+00	2.76E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromoform	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromomethane	5.90E+00	5.90E+00	0.00E+00	5.90E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E+00	5.90E+00	0.00E+00	5.90E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Butyl benzyl phthalate	3.91E+02	3.91E+02	4.73E+00	3.86E+02	3.68E-02	1.28E-05	1.28E-05	2.57E-02	2.57E-02	3.91E+02	3.91E+02	4.73E+00	3.86E+02	3.68E-02	1.28E-05	1.28E-05	2.57E-02	2.57E-02
Cadmium	6.69E+01	6.69E+01	6.63E+01	2.09E-03	5.16E-01	4.48E-04	4.48E-04	2.59E-03	2.59E-03	6.69E+01	6.69E+01	6.63E+01	2.09E-03	5.16E-01	4.48E-04	4.48E-04	2.59E-03	2.59E-03
Carbazole	5.41E+00	5.41E+00	3.57E+00	0.00E+00	2.78E-02	1.81E+00	1.82E+00	0.00E+00	0.00E+00	5.41E+00	5.41E+00	3.57E+00	0.00E+00	2.78E-02	1.81E+00	1.82E+00	0.00E+00	0.00E+00
Carbon dioxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Carbon disulfide	9.24E-01	9.24E-01	0.00E+00	9.24E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-01	9.24E-01	0.00E+00	9.24E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Carbon monoxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Carbon tetrachloride	3.42E-02	3.42E-02	0.00E+00	3.42E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-02	3.42E-02	0.00E+00	3.42E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chlordecone (Kepone)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chlorobenzene	1.19E+01	1.19E+01	0.00E+00	1.19E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E+01	1.19E+01	0.00E+00	1.19E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chlorodibromomethane	1.27E+01	1.27E+01	0.00E+00	1.27E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E+01	1.27E+01	0.00E+00	1.27E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chloroethane	1.12E+01	1.12E+01	0.00E+00	1.12E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+01	1.12E+01	0.00E+00	1.12E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chloroform	2.95E+00	2.95E+00	0.00E+00	2.95E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E+00	2.95E+00	0.00E+00	2.95E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chloromethane	2.25E+01	2.25E+01	0.00E+00	2.25E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E+01	2.25E+01	0.00E+00	2.25E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chromium	9.32E+02	1.06E+03	5.49E+02	0.00E+00	4.27E+00	1.54E+02	2.08E+02	2.25E+02	3.04E+02	9.32E+02	1.06E+03	5.49E+02	0.00E+00	4.27E+00	1.54E+02	2.08E+02	2.25E+02	3.04E+02
Chrysene	2.02E+02	2.04E+02	2.11E+01	1.66E+02	1.64E-01	1.03E-03	1.19E-03	1.43E+01	1.65E+01	2.02E+02	2.04E+02	2.11E+01	1.66E+02	1.64E-01	1.03E-03	1.19E-03	1.43E+01	1.65E+01
Cobalt	2.39E+03	3.05E+03	1.30E+03	0.00E+00	1.01E+01	2.40E+02	3.89E+02	8.33E+02	1.35E+03	2.39E+03	3.05E+03	1.30E+03	0.00E+00	1.01E+01	2.40E+02	3.89E+02	8.33E+02	1.35E+03
Copper	2.87E+03	3.57E+03	1.60E+03	0.00E+00	1.24E+01	3.41E+02	5.28E+02	9.21E+02	1.43E+03	2.87E+03	3.57E+03	1.60E+03	0.00E+00	1.24E+01	3.41E+02	5.28E+02	9.21E+02	1.43E+03
DDD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00



Table G-30: Total COPC Load into the Waterbody Used in Fish Tissue Model Calculations Based on a 30-Year ACI Operational Time Frame

COPC	1-Year Exposure Duration									3-Year Exposure Duration								
	Total COPC Load		Total Deposition	Vapor COPC Diffusion Load	Runoff Load from Impervious Surfaces	Runoff Load from Pervious Surfaces		Soil Erosion Load		Total COPC Load		Total Deposition	Vapor COPC Diffusion Load	Runoff Load from Impervious Surfaces	Runoff Load from Pervious Surfaces		Soil Erosion Load	
	Lt (Lt = Ldep + Ldif + Lri + Lr + Le)		Ldep	Ldif	Lri	Lr		Le		Lt (Lt = Ldep + Ldif + Lri + Lr + Le)		Ldep	Ldif	Lri	Lr		Le	
	Cancer	Noncancer	Cancer/ Noncancer	Cancer/ Noncancer	Cancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer/ Noncancer	Cancer/ Noncancer	Cancer	Cancer	Noncancer	Cancer	Noncancer
g/yr									g/yr									
DDE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Di-n-butyl phthalate	6.78E+03	6.78E+03	1.45E+00	6.78E+03	1.13E-02	2.14E-05	2.15E-05	2.58E-02	2.58E-02	6.78E+03	6.78E+03	1.45E+00	6.78E+03	1.13E-02	2.14E-05	2.15E-05	2.58E-02	2.58E-02
Di-n-octyl phthalate	1.39E+01	1.39E+01	2.04E+00	1.18E+01	1.59E-02	1.47E-08	1.48E-08	4.43E-02	4.44E-02	1.39E+01	1.39E+01	2.04E+00	1.18E+01	1.59E-02	1.47E-08	1.48E-08	4.43E-02	4.44E-02
Dibenze(a,h)anthracene	5.31E+00	5.56E+00	2.81E+00	6.95E-01	2.18E-02	1.33E-05	1.52E-05	1.79E+00	2.04E+00	5.31E+00	5.56E+00	2.81E+00	6.95E-01	2.18E-02	1.33E-05	1.52E-05	1.79E+00	2.04E+00
Dibenzofuran	1.54E+02	1.54E+02	1.53E+02	0.00E+00	1.19E+00	7.18E-02	7.18E-02	1.50E-03	1.50E-03	1.54E+02	1.54E+02	1.53E+02	0.00E+00	1.19E+00	7.18E-02	7.18E-02	1.50E-03	1.50E-03
Dibromomethane	1.01E+00	1.01E+00	0.00E+00	1.01E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E+00	1.01E+00	0.00E+00	1.01E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dichlorobiphenyl	2.43E+00	2.43E+00	1.48E-03	2.42E+00	1.15E-05	3.51E-06	6.00E-06	3.18E-03	5.45E-03	2.43E+00	2.43E+00	1.48E-03	2.42E+00	1.15E-05	3.51E-06	6.00E-06	3.18E-03	5.45E-03
Dichlorodifluoromethane	3.72E-03	3.72E-03	0.00E+00	3.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-03	3.72E-03	0.00E+00	3.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dieldrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dimethyl phthalate	1.48E+02	1.48E+02	0.00E+00	1.48E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+02	1.48E+02	0.00E+00	1.48E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ethylbenzene	2.23E+02	2.23E+02	0.00E+00	2.23E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E+02	2.23E+02	0.00E+00	2.23E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fluoranthene	4.66E+02	4.66E+02	1.19E+00	4.65E+02	9.24E-03	1.51E-04	1.61E-04	3.85E-01	4.09E-01	4.66E+02	4.66E+02	1.19E+00	4.65E+02	9.24E-03	1.51E-04	1.61E-04	3.85E-01	4.09E-01
Fluorene	9.45E+02	9.45E+02	0.00E+00	9.45E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.45E+02	9.45E+02	0.00E+00	9.45E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Formaldehyde	1.04E+06	1.04E+06	0.00E+00	1.04E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+06	1.04E+06	0.00E+00	1.04E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Heptachlorobiphenyl	3.21E-02	3.24E-02	1.63E-04	3.16E-02	1.27E-06	6.37E-08	1.11E-07	3.61E-04	6.28E-04	3.21E-02	3.24E-02	1.63E-04	3.16E-02	1.27E-06	6.37E-08	1.11E-07	3.61E-04	6.28E-04
Hexachlorobiphenyl	1.30E-01	1.31E-01	7.00E-04	1.28E-01	5.44E-06	2.73E-07	4.74E-07	1.55E-03	2.69E-03	1.30E-01	1.31E-01	7.00E-04	1.28E-01	5.44E-06	2.73E-07	4.74E-07	1.55E-03	2.69E-03
Hexachlorobutadiene	2.03E+01	2.03E+01	0.00E+00	2.03E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E+01	2.03E+01	0.00E+00	2.03E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hydrogen Chloride	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hydrogen cyanide	1.75E+04	1.75E+04	0.00E+00	1.75E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E+04	1.75E+04	0.00E+00	1.75E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hydrogen sulfide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Indeno(1,2,3-cd)pyrene	1.50E+01	1.56E+01	9.79E+00	2.08E-01	7.62E-02	4.05E-05	4.48E-05	4.97E+00	5.49E+00	1.50E+01	1.56E+01	9.79E+00	2.08E-01	7.62E-02	4.05E-05	4.48E-05	4.97E+00	5.49E+00
Iron	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Isopropanol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Isopropylbenzene	1.01E-01	1.01E-01	0.00E+00	1.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01	1.01E-01	0.00E+00	1.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lead	5.63E+02	5.63E+02	5.58E+02	1.49E-02	4.34E+00	4.68E-03	4.68E-03	3.25E-01	3.25E-01	5.63E+02	5.63E+02	5.58E+02	1.49E-02	4.34E+00	4.68E-03	4.68E-03	3.25E-01	3.25E-01
Manganese	7.36E+02	7.36E+02	4.86E+02	0.00E+00	3.78E+00	2.46E+02	2.47E+02	0.00E+00	0.00E+00	7.36E+02	7.36E+02	4.86E+02	0.00E+00	3.78E+00	2.46E+02	2.47E+02	0.00E+00	0.00E+00
Mercury (+2)	1.20E-01	1.79E-01	6.10E-02	0.00E+00	4.74E-04	1.31E-05	2.62E-05	5.86E-02	1.17E-01	1.20E-01	1.79E-01	6.10E-02	0.00E+00	4.74E-04	1.31E-05	2.62E-05	5.86E-02	1.17E-01
Mercury, elemental	3.82E-01	3.82E-01	3.12E-01	6.84E-02	2.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-01	3.82E-01	3.12E-01	6.84E-02	2.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methyl Isobutyl Ketone	1.05E+01	1.05E+01	0.00E+00	1.05E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+01	1.05E+01	0.00E+00	1.05E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methyl Mercury	3.20E-01	3.26E-01	3.12E-01	0.00E+00	2.42E-03	1.13E-05	2.25E-05	6.08E-03	1.21E-02	3.20E-01	3.26E-01	3.12E-01	0.00E+00	2.42E-03	1.13E-05	2.25E-05	6.08E-03	1.21E-02
Methylene chloride	9.41E+01	9.41E+01	0.00E+00	9.41E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.41E+01	9.41E+01	0.00E+00	9.41E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Monochlorobiphenyl	1.70E+01	1.70E+01	1.03E-02	1.69E+01	8.02E-05	2.44E-05	4.18E-05	2.22E-02	3.80E-02	1.70E+01	1.70E+01	1.03E-02	1.69E+01	8.02E-05	2.44E-05	4.18E-05	2.22E-02	3.80E-02
NOx (Oxides of Nitrogen)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Napthalene	2.93E+03	2.93E+03	0.00E+00	2.93E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E+03	2.93E+03	0.00E+00	2.93E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nickel	3.10E+02	3.10E+02	3.07E+02	1.17E-02	2.39E+00	2.57E-03	2.57E-03	1.29E-02	1.29E-02	3.10E+02	3.10E+02	3.07E+02	1.17E-02	2.39E+00	2.57E-03	2.57E-03	1.29E-02	1.29E-02
Nonachlorobiphenyl	4.01E-03	4.05E-03	2.47E-05	3.93E-03	1.92E-07	9.65E-09	1.68E-08	5.48E-05	9.52E-05	4.01E-03	4.05E-03	2.47E-05	3.93E-03	1.92E-07	9.65E-09	1.68E-08	5.48E-05	9.52E-05
OCDD	3.05E-02	4.58E-02	9.21E-03	7.65E-04	7.16E-05	9.06E-08	1.58E-07	2.05E-02	3.57E-02	3.05E-02	4.58E-02	9.21E-03	7.65E-04	7.16E-05	9.06E-08	1.58E-07	2.05E-02	3.57E-02
OCDF	1.15E-02	1.72E-02	3.48E-03	1.82E-04	2.71E-05	5.44E-08	9.47E-08	7.76E-03	1.35E-02	1.15E-02	1.72E-02	3.48E-03	1.82E-04	2.71E-05	5.44E-08	9.47E-08	7.76E-03	1.35E-02
Octachlorobiphenyl	9.54E-03	9.62E-03	5.08E-05	9.38E-03	3.95E-07	1.98E-08	3.44E-08	1.12E-04	1.95E-04	9.54E-03	9.62E-03	5.08E-05	9.38E-03	3.95E-07	1.98E-08	3.44E-08	1.12E-04	1.95E-04
PM<10	3.62E+06	3.62E+06	2.39E+06	0.00E+00	1.86E+04	1.21E+06	1.21E+06	0.00E+00	0.00E+00	3.62E+06	3.62E+06	2.39E+06	0.00E+00	1.86E+04	1.21E+06	1.21E+06	0.00E+00	0.00E+00
PM<2.5	3.02E+06	3.02E+06	1.99E+06	0.00E+00	1.55E+04	1.01E+06	1.01E+06	0.00E+00	0.00E+00	3.02E+06	3.02E+06	1.99E+06	0.00E+00	1.55E+04	1.01E+06	1.01E+06	0.00E+00	0.00E+00
Total Suspended Particulate	2.81E+06	2.81E+06	1.85E+06	0.00E+00	1.44E+04	9.40E+05	9.43E+05	0.00E+00	0.00E+00	2.81E+06	2.81E+06	1.85E+06	0.00E+00	1.44E+04	9.40E+05	9.43E+05	0.00E+00	0.00E+00
Pentachlorobiphenyl	4.33E-01	4.37E-01	2.43E-03	4.25E-01	1.89E-05	9.49E-07	1.65E-06	5.39E-03	9.36E-03	4.33E-01	4.37E-01	2.43E-03	4.25E-01	1.89E-05	9.49E-07	1.65E-06	5.39E-03	9.36E-03
Perylene	1.03E+01	1.03E+01	7.09E+00	0.00E+00	5.52E-02	3.14E+00	3.15E+00	0.00E+00	0.00E+00	1.03E+01	1.03E+01	7.09E+00	0.00E+00	5.52E-02	3.14E+00	3.15E+00	0.00E+00	0.00E+00
Phenanthrene	2.11E+03	2.11E+03	0.00E+00	2.11E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E+03	2.11E+03	0.00E+00	2.11E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00



Table G-30: Total COPC Load into the Waterbody Used in Fish Tissue Model Calculations Based on a 30-Year ACI Operational Time Frame

COPC	1-Year Exposure Duration									3-Year Exposure Duration								
	Total COPC Load		Total Deposition	Vapor COPC Diffusion Load	Runoff Load from Impervious Surfaces	Runoff Load from Pervious Surfaces		Soil Erosion Load		Total COPC Load		Total Deposition	Vapor COPC Diffusion Load	Runoff Load from Impervious Surfaces	Runoff Load from Pervious Surfaces		Soil Erosion Load	
	Lt (Lt = Ldep + Ldif + Lri + Lr + Le)		Ldep	Ldif	Lri	Lr		Le		Lt (Lt = Ldep + Ldif + Lri + Lr + Le)		Ldep	Ldif	Lri	Lr		Le	
	Cancer	Noncancer	Cancer/ Noncancer	Cancer/ Noncancer	Cancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer/ Noncancer	Cancer/ Noncancer	Cancer	Cancer	Noncancer	Cancer	Noncancer
g/yr									g/yr									
Phenol	3.76E+05	3.76E+05	0.00E+00	3.76E+05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E+05	3.76E+05	0.00E+00	3.76E+05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Phosphorus	2.52E+03	2.52E+03	2.50E+03	0.00E+00	1.95E+01	8.43E-02	8.43E-02	2.28E-02	2.28E-02	2.52E+03	2.52E+03	2.50E+03	0.00E+00	1.95E+01	8.43E-02	8.43E-02	2.28E-02	2.28E-02
Propionaldehyde	2.75E+03	2.75E+03	2.72E+03	0.00E+00	2.12E+01	3.80E-01	3.80E-01	8.79E-04	8.79E-04	2.75E+03	2.75E+03	2.72E+03	0.00E+00	2.12E+01	3.80E-01	3.80E-01	8.79E-04	8.79E-04
Pyrene	4.69E+02	4.70E+02	1.16E+00	4.67E+02	8.99E-03	5.93E-04	7.76E-04	1.30E+00	1.71E+00	4.69E+02	4.70E+02	1.16E+00	4.67E+02	8.99E-03	5.93E-04	7.76E-04	1.30E+00	1.71E+00
Pyridine	1.76E+04	1.76E+04	0.00E+00	1.76E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+04	1.76E+04	0.00E+00	1.76E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Selenium	1.55E+01	1.55E+01	1.54E+01	0.00E+00	1.20E-01	3.25E-04	3.25E-04	1.25E-04	1.25E-04	1.55E+01	1.55E+01	1.54E+01	0.00E+00	1.20E-01	3.25E-04	3.25E-04	1.25E-04	1.25E-04
Silver	1.66E+01	1.74E+01	1.06E+01	0.00E+00	8.22E-02	3.60E+00	4.13E+00	2.30E+00	2.65E+00	1.66E+01	1.74E+01	1.06E+01	0.00E+00	8.22E-02	3.60E+00	4.13E+00	2.30E+00	2.65E+00
Styrene	1.67E+03	1.67E+03	0.00E+00	1.67E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E+03	1.67E+03	0.00E+00	1.67E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sulfur Dioxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tetrachlorobiphenyl	7.23E-01	7.23E-01	5.04E-04	7.21E-01	3.92E-06	1.19E-06	2.05E-06	1.08E-03	1.86E-03	7.23E-01	7.23E-01	5.04E-04	7.21E-01	3.92E-06	1.19E-06	2.05E-06	1.08E-03	1.86E-03
Tetrachloroethene	5.79E-02	5.79E-02	0.00E+00	5.79E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-02	5.79E-02	0.00E+00	5.79E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Thallium (Soluble Salts)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Titanium	7.51E+00	7.52E+00	4.96E+00	0.00E+00	3.86E-02	2.52E+00	2.52E+00	0.00E+00	0.00E+00	7.51E+00	7.52E+00	4.96E+00	0.00E+00	3.86E-02	2.52E+00	2.52E+00	0.00E+00	0.00E+00
Toluene	4.78E+02	4.78E+02	0.00E+00	4.78E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E+02	4.78E+02	0.00E+00	4.78E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total Reduced Sulfur	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Trichlorobiphenyl	9.45E-01	9.46E-01	6.29E-04	9.43E-01	4.89E-06	1.49E-06	2.55E-06	1.35E-03	2.32E-03	9.45E-01	9.46E-01	6.29E-04	9.43E-01	4.89E-06	1.49E-06	2.55E-06	1.35E-03	2.32E-03
Trichloroethene	3.50E-03	3.50E-03	0.00E+00	3.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-03	3.50E-03	0.00E+00	3.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Trichlorofluoromethane	4.53E-03	4.53E-03	0.00E+00	4.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-03	4.53E-03	0.00E+00	4.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Vinyl chloride	1.46E+00	1.46E+00	0.00E+00	1.46E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00	1.46E+00	0.00E+00	1.46E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zinc	1.44E+04	1.44E+04	1.43E+04	3.44E-01	1.11E+02	1.20E-01	1.20E-01	5.73E-01	5.73E-01	1.44E+04	1.44E+04	1.43E+04	3.44E-01	1.11E+02	1.20E-01	1.20E-01	5.73E-01	5.73E-01
bis(2-Ethylhexyl) phthalate	1.99E+04	1.99E+04	2.73E+03	1.71E+04	2.12E+01	9.07E-05	9.10E-05	4.83E+01	4.84E+01	1.99E+04	1.99E+04	2.73E+03	1.71E+04	2.12E+01	9.07E-05	9.10E-05	4.83E+01	4.84E+01
cis-1,2-Dichloroethene	4.77E+00	4.77E+00	0.00E+00	4.77E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E+00	4.77E+00	0.00E+00	4.77E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
cis-1,3-Dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
m&p-Xylene	3.50E+01	3.50E+01	0.00E+00	3.50E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E+01	3.50E+01	0.00E+00	3.50E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
n-Butylbenzene	3.35E+00	3.35E+00	0.00E+00	3.35E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E+00	3.35E+00	0.00E+00	3.35E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
n-Propylbenzene	7.02E+00	7.02E+00	0.00E+00	7.02E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E+00	7.02E+00	0.00E+00	7.02E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
o-Xylene	4.14E+01	4.14E+01	0.00E+00	4.14E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E+01	4.14E+01	0.00E+00	4.14E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
p-Chloroaniline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
p-Chlorotoluene	9.78E-01	9.78E-01	0.00E+00	9.78E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.78E-01	9.78E-01	0.00E+00	9.78E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
p-Isopropyltoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
sec-Butylbenzene	5.65E-01	5.65E-01	0.00E+00	5.65E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-01	5.65E-01	0.00E+00	5.65E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
tert-Butylbenzene	1.45E+01	1.45E+01	0.00E+00	1.45E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+01	1.45E+01	0.00E+00	1.45E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
trans-1,2-Dichloroethene	5.18E+01	5.18E+01	0.00E+00	5.18E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E+01	5.18E+01	0.00E+00	5.18E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
trans-1,3-Dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00



Table G-30: Total COPC Load into the Waterbody Used in Fish Tissue Model Calculations Based on a 30-Year ACI Operational Time Frame

COPC	6-Year Exposure Duration									25-Year Exposure Duration								
	Total COPC Load		Total Deposition	Vapor COPC Diffusion Load	Runoff Load from Impervious Surfaces	Runoff Load from Pervious Surfaces		Soil Erosion Load		Total COPC Load		Total Deposition	Vapor COPC Diffusion Load	Runoff Load from Impervious Surfaces	Runoff Load from Pervious Surfaces		Soil Erosion Load	
	Lt (Lt = Ldep + Ldif + Lri + Lr + Le)		Ldep	Ldif	Lri	Lr		Le		Lt (Lt = Ldep + Ldif + Lri + Lr + Le)		Ldep	Ldif	Lri	Lr		Le	
	Cancer	Noncancer	Cancer/Noncancer	Cancer/Noncancer	Cancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer/Noncancer	Cancer/Noncancer	Cancer	Cancer	Noncancer	Cancer	Noncancer
g/yr									g/yr									
1,1,1,2-Tetrachloroethane	4.54E-01	4.54E-01	0.00E+00	4.54E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-01	4.54E-01	0.00E+00	4.54E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1,1-Trichloroethane	7.59E-02	7.59E-02	0.00E+00	7.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-02	7.59E-02	0.00E+00	7.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1-Dichloroethene	5.25E-03	5.25E-03	0.00E+00	5.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-03	5.25E-03	0.00E+00	5.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2,3,4,6,7,8-HpCDD	4.59E-02	6.86E-02	1.38E-02	1.29E-03	1.07E-04	2.15E-07	3.74E-07	3.07E-02	5.34E-02	4.59E-02	6.86E-02	1.38E-02	1.29E-03	1.07E-04	2.15E-07	3.74E-07	3.07E-02	5.34E-02
1,2,3,4,6,7,8-HpCDF	4.73E-02	7.02E-02	1.39E-02	2.46E-03	1.08E-04	8.61E-07	1.50E-06	3.09E-02	5.37E-02	4.73E-02	7.02E-02	1.39E-02	2.46E-03	1.08E-04	8.61E-07	1.50E-06	3.09E-02	5.37E-02
1,2,3,4,7,8,9-HpCDF	7.15E-03	9.87E-03	1.65E-03	1.82E-03	1.28E-05	1.02E-07	1.78E-07	3.67E-03	6.39E-03	7.15E-03	9.87E-03	1.65E-03	1.82E-03	1.28E-05	1.02E-07	1.78E-07	3.67E-03	6.39E-03
1,2,3,4,7,8-HxCDD	6.53E-03	9.17E-03	1.60E-03	1.36E-03	1.24E-05	3.96E-08	6.89E-08	3.56E-03	6.20E-03	6.53E-03	9.17E-03	1.60E-03	1.36E-03	1.24E-05	3.96E-08	6.89E-08	3.56E-03	6.20E-03
1,2,3,4,7,8-HxCDF	5.30E-02	7.39E-02	1.27E-02	1.20E-02	9.88E-05	1.98E-06	3.44E-06	2.82E-02	4.91E-02	5.30E-02	7.39E-02	1.27E-02	1.20E-02	9.88E-05	1.98E-06	3.44E-06	2.82E-02	4.91E-02
1,2,3,6,7,8-HxCDD	1.48E-02	2.01E-02	3.27E-03	4.17E-03	2.54E-05	5.10E-07	8.88E-07	7.28E-03	1.27E-02	1.48E-02	2.01E-02	3.27E-03	4.17E-03	2.54E-05	5.10E-07	8.88E-07	7.28E-03	1.27E-02
1,2,3,6,7,8-HxCDF	1.78E-02	2.47E-02	4.20E-03	4.27E-03	3.26E-05	3.27E-07	5.69E-07	9.31E-03	1.62E-02	1.78E-02	2.47E-02	4.20E-03	4.27E-03	3.26E-05	3.27E-07	5.69E-07	9.31E-03	1.62E-02
1,2,3,7,8,9-HxCDD	1.95E-02	2.79E-02	5.16E-03	2.84E-03	4.01E-05	4.02E-07	6.99E-07	1.14E-02	1.99E-02	1.95E-02	2.79E-02	5.16E-03	2.84E-03	4.01E-05	4.02E-07	6.99E-07	1.14E-02	1.99E-02
1,2,3,7,8,9-HxCDF	1.59E-03	2.08E-03	3.01E-04	6.13E-04	2.34E-06	4.69E-08	8.17E-08	6.70E-04	1.17E-03	1.59E-03	2.08E-03	3.01E-04	6.13E-04	2.34E-06	4.69E-08	8.17E-08	6.70E-04	1.17E-03
1,2,3,7,8-PeCDD	2.23E-02	2.53E-02	1.83E-03	1.64E-02	1.43E-05	6.52E-07	1.13E-06	4.06E-03	7.06E-03	2.23E-02	2.53E-02	1.83E-03	1.64E-02	1.43E-05	6.52E-07	1.13E-06	4.06E-03	7.06E-03
1,2,3,7,8-PeCDF	2.81E-02	3.17E-02	2.16E-03	2.11E-02	1.68E-05	5.45E-07	9.49E-07	4.80E-03	8.35E-03	2.81E-02	3.17E-02	2.16E-03	2.11E-02	1.68E-05	5.45E-07	9.49E-07	4.80E-03	8.35E-03
1,2,3-Trichlorobenzene	3.93E+00	3.93E+00	0.00E+00	3.93E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E+00	3.93E+00	0.00E+00	3.93E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2,3-Trichloropropane	1.13E+00	1.13E+00	0.00E+00	1.13E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E+00	1.13E+00	0.00E+00	1.13E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2,4-Trimethylbenzene	7.76E+00	7.76E+00	0.00E+00	7.76E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.76E+00	7.76E+00	0.00E+00	7.76E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2,4-trichlorobenzene	1.52E+00	1.52E+00	0.00E+00	1.52E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+00	1.52E+00	0.00E+00	1.52E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2-Dibromoethane	3.90E-01	3.90E-01	0.00E+00	3.90E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-01	3.90E-01	0.00E+00	3.90E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2-Dichloroethane	2.96E+01	2.96E+01	0.00E+00	2.96E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E+01	2.96E+01	0.00E+00	2.96E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2-dichlorobenzene	2.50E-01	2.50E-01	0.00E+00	2.50E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-01	2.50E-01	0.00E+00	2.50E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,3,5-Trimethylbenzene	5.11E+00	5.11E+00	0.00E+00	5.11E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E+00	5.11E+00	0.00E+00	5.11E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,3-Butadiene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,3-Dichloropropane	3.45E-01	3.45E-01	0.00E+00	3.45E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-01	3.45E-01	0.00E+00	3.45E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,3-dichlorobenzene	4.27E-01	4.27E-01	0.00E+00	4.27E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-01	4.27E-01	0.00E+00	4.27E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,4-Dioxane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,4-dichlorobenzene	6.77E+00	6.77E+00	0.00E+00	6.77E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E+00	6.77E+00	0.00E+00	6.77E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1-Methylnaphthalene	5.28E+02	5.28E+02	5.24E+02	0.00E+00	4.07E+00	4.08E-02	4.08E-02	1.89E-04	1.89E-04	5.28E+02	5.28E+02	5.24E+02	0.00E+00	4.07E+00	4.08E-02	4.08E-02	1.89E-04	1.89E-04
1-Methylphenanthrene	9.47E+01	9.48E+01	6.25E+01	0.00E+00	4.86E-01	3.17E+01	3.18E+01	0.00E+00	0.00E+00	9.47E+01	9.48E+01	6.25E+01	0.00E+00	4.86E-01	3.17E+01	3.18E+01	0.00E+00	0.00E+00
2,3,4,6,7,8-HxCDF	2.81E-02	3.86E-02	6.40E-03	7.43E-03	4.97E-05	9.97E-07	1.73E-06	1.42E-02	2.48E-02	2.81E-02	3.86E-02	6.40E-03	7.43E-03	4.97E-05	9.97E-07	1.73E-06	1.42E-02	2.48E-02
2,3,4,7,8-PeCDF	5.52E-02	6.37E-02	5.16E-03	3.85E-02	4.02E-05	2.54E-06	4.42E-06	1.15E-02	1.99E-02	5.52E-02	6.37E-02	5.16E-03	3.85E-02	4.02E-05	2.54E-06	4.42E-06	1.15E-02	1.99E-02
2,3,5-Trimethylnaphthalene	4.61E+01	4.62E+01	3.04E+01	0.00E+00	2.37E-01	1.54E+01	1.55E+01	0.00E+00	0.00E+00	4.61E+01	4.62E+01	3.04E+01	0.00E+00	2.37E-01	1.54E+01	1.55E+01	0.00E+00	0.00E+00
2,3,7,8-TCDD	6.76E-03	7.23E-03	3.11E-04	5.78E-03	2.42E-06	7.40E-08	1.27E-07	6.67E-04	1.14E-03	6.76E-03	7.23E-03	3.11E-04	5.78E-03	2.42E-06	7.40E-08	1.27E-07	6.67E-04	1.14E-03
2,3,7,8-TCDF	4.39E-02	4.50E-02	7.00E-04	4.17E-02	5.45E-06	8.49E-07	1.46E-06	1.53E-03	2.63E-03	4.39E-02	4.50E-02	7.00E-04	4.17E-02	5.45E-06	8.49E-07	1.46E-06	1.53E-03	2.63E-03
2,4-Dimethylphenol	1.55E+03	1.55E+03	0.00E+00	1.55E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E+03	1.55E+03	0.00E+00	1.55E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2,4-Dinitrotoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2,6-Dimethylnaphthalene	1.23E+02	1.23E+02	8.12E+01	0.00E+00	6.31E-01	4.12E+01	4.13E+01	0.00E+00	0.00E+00	1.23E+02	1.23E+02	8.12E+01	0.00E+00	6.31E-01	4.12E+01	4.13E+01	0.00E+00	0.00E+00
2,6-Dinitrotoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Butanone	5.61E+03	5.61E+03	0.00E+00	5.61E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E+03	5.61E+03	0.00E+00	5.61E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Chlorophenol	1.03E+02	1.03E+02	0.00E+00	1.03E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E+02	1.03E+02	0.00E+00	1.03E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Chlorotoluene	4.36E+00	4.36E+00	0.00E+00	4.36E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E+00	4.36E+00	0.00E+00	4.36E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Hexanone	6.07E+02	6.07E+02	0.00E+00	6.07E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E+02	6.07E+02	0.00E+00	6.07E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Methylnaphthalene	5.12E+02	5.12E+02	5.08E+02	0.00E+00	3.95E+00	3.95E-02	3.95E-02	1.83E-04	1.83E-04	5.12E+02	5.12E+02	5.08E+02	0.00E+00	3.95E+00	3.95E-02	3.95E-02	1.83E-04	1.83E-04
2-Methylphenol	6.04E+04	6.04E+04	0.00E+00	6.04E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E+04	6.04E+04	0.00E+00	6.04E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Nitrophenol	4.88E+02	4.88E+02	0.00E+00	4.88E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E+02	4.88E+02	0.00E+00	4.88E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00



Table G-30: Total COPC Load into the Waterbody Used in Fish Tissue Model Calculations Based on a 30-Year ACI Operational Time Frame

COPC	6-Year Exposure Duration									25-Year Exposure Duration								
	Total COPC Load		Total Deposition	Vapor COPC Diffusion Load	Runoff Load from Impervious Surfaces	Runoff Load from Pervious Surfaces		Soil Erosion Load		Total COPC Load		Total Deposition	Vapor COPC Diffusion Load	Runoff Load from Impervious Surfaces	Runoff Load from Pervious Surfaces		Soil Erosion Load	
	Lt (Lt = Ldep + Ldif + Lri + Lr + Le)		Ldep	Ldif	Lri	Lr		Le		Lt (Lt = Ldep + Ldif + Lri + Lr + Le)		Ldep	Ldif	Lri	Lr		Le	
	Cancer	Noncancer	Cancer/Noncancer	Cancer/Noncancer	Cancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer/Noncancer	Cancer/Noncancer	Cancer	Cancer	Noncancer	Cancer	Noncancer
g/yr																		
3-Methylphenol & 4-Methylphenol	2.41E+03	2.41E+03	1.59E+03	0.00E+00	1.24E+01	8.06E+02	8.08E+02	0.00E+00	0.00E+00	2.41E+03	2.41E+03	1.59E+03	0.00E+00	1.24E+01	8.06E+02	8.08E+02	0.00E+00	0.00E+00
4-Nitrophenol	7.99E+02	7.99E+02	0.00E+00	7.99E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E+02	7.99E+02	0.00E+00	7.99E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acenaphthylene	4.32E+02	4.33E+02	2.98E+02	0.00E+00	2.32E+00	1.32E+02	1.32E+02	0.00E+00	0.00E+00	4.32E+02	4.33E+02	2.98E+02	0.00E+00	2.32E+00	1.32E+02	1.32E+02	0.00E+00	0.00E+00
Acenaphthene	1.23E+02	1.23E+02	0.00E+00	1.23E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E+02	1.23E+02	0.00E+00	1.23E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acetaldehyde	2.11E+05	2.11E+05	0.00E+00	2.11E+05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E+05	2.11E+05	0.00E+00	2.11E+05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acetophenone	6.04E+04	6.04E+04	0.00E+00	6.04E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E+04	6.04E+04	0.00E+00	6.04E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aluminum	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Anthracene	3.07E+02	3.07E+02	0.00E+00	3.07E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E+02	3.07E+02	0.00E+00	3.07E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Antimony	2.86E+00	2.86E+00	0.00E+00	2.86E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E+00	2.86E+00	0.00E+00	2.86E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Arsenic	5.19E+01	5.19E+01	5.15E+01	4.45E-05	4.00E-01	1.40E-05	1.40E-05	3.12E-05	3.12E-05	5.19E+01	5.19E+01	5.15E+01	4.45E-05	4.00E-01	1.40E-05	1.40E-05	3.12E-05	3.12E-05
Barium	2.49E+04	3.15E+04	1.37E+04	0.00E+00	1.07E+02	2.67E+03	4.26E+03	8.43E+03	1.35E+04	2.49E+04	3.15E+04	1.37E+04	0.00E+00	1.07E+02	2.67E+03	4.26E+03	8.43E+03	1.35E+04
Benzene	1.73E+03	1.73E+03	0.00E+00	1.73E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E+03	1.73E+03	0.00E+00	1.73E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(a)anthracene	1.14E+03	1.14E+03	2.41E+01	1.10E+03	1.88E-01	8.38E-04	9.21E-04	1.16E+01	1.28E+01	1.14E+03	1.14E+03	2.41E+01	1.10E+03	1.88E-01	8.38E-04	9.21E-04	1.16E+01	1.28E+01
Benzo(a)pyrene	2.88E+02	2.88E+02	1.32E+01	2.70E+02	1.03E-01	1.36E-04	1.46E-04	5.03E+00	5.41E+00	2.88E+02	2.88E+02	1.32E+01	2.70E+02	1.03E-01	1.36E-04	1.46E-04	5.03E+00	5.41E+00
Benzo(b)fluoranthene	5.22E+01	5.22E+01	6.34E-01	5.13E+01	4.93E-03	1.15E-04	1.25E-04	2.78E-01	3.03E-01	5.22E+01	5.22E+01	6.34E-01	5.13E+01	4.93E-03	1.15E-04	1.25E-04	2.78E-01	3.03E-01
Benzo(e)pyrene	2.34E+01	2.34E+01	1.61E+01	0.00E+00	1.26E-01	7.16E+00	7.17E+00	0.00E+00	0.00E+00	2.34E+01	2.34E+01	1.61E+01	0.00E+00	1.26E-01	7.16E+00	7.17E+00	0.00E+00	0.00E+00
Benzo(g,h,i)perylene	1.77E+01	1.77E+01	1.22E+01	0.00E+00	9.48E-02	5.41E+00	5.42E+00	0.00E+00	0.00E+00	1.77E+01	1.77E+01	1.22E+01	0.00E+00	9.48E-02	5.41E+00	5.42E+00	0.00E+00	0.00E+00
Benzo(k)fluoranthene	4.91E-01	5.63E-01	1.80E-01	9.43E-02	1.40E-03	4.89E-06	6.52E-06	2.15E-01	2.87E-01	4.91E-01	5.63E-01	1.80E-01	9.43E-02	1.40E-03	4.89E-06	6.52E-06	2.15E-01	2.87E-01
Benzoic acid	3.64E+04	3.64E+04	0.00E+00	3.64E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E+04	3.64E+04	0.00E+00	3.64E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzyl alcohol	2.26E+02	2.26E+02	0.00E+00	2.26E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+02	2.26E+02	0.00E+00	2.26E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Beryllium	3.92E+00	3.92E+00	3.89E+00	2.37E-04	3.02E-02	5.43E-05	5.44E-05	3.31E-03	3.31E-03	3.92E+00	3.92E+00	3.89E+00	2.37E-04	3.02E-02	5.43E-05	5.44E-05	3.31E-03	3.31E-03
Biphenyl	1.77E+03	1.77E+03	1.76E+03	0.00E+00	1.37E+01	5.35E-01	5.35E-01	6.19E-03	6.19E-03	1.77E+03	1.77E+03	1.76E+03	0.00E+00	1.37E+01	5.35E-01	5.35E-01	6.19E-03	6.19E-03
Bromobenzene	7.33E+01	7.33E+01	0.00E+00	7.33E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E+01	7.33E+01	0.00E+00	7.33E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromochloromethane	3.52E-01	3.52E-01	0.00E+00	3.52E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-01	3.52E-01	0.00E+00	3.52E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromodichloromethane	2.76E-01	2.76E-01	0.00E+00	2.76E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-01	2.76E-01	0.00E+00	2.76E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromoform	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromomethane	5.90E+00	5.90E+00	0.00E+00	5.90E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E+00	5.90E+00	0.00E+00	5.90E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Butyl benzyl phthalate	3.91E+02	3.91E+02	4.73E+00	3.86E+02	3.68E-02	1.28E-05	1.28E-05	2.57E-02	2.57E-02	3.91E+02	3.91E+02	4.73E+00	3.86E+02	3.68E-02	1.28E-05	1.28E-05	2.57E-02	2.57E-02
Cadmium	6.69E+01	6.69E+01	6.63E+01	2.09E-03	5.16E-01	4.48E-04	4.48E-04	2.59E-03	2.59E-03	6.69E+01	6.69E+01	6.63E+01	2.09E-03	5.16E-01	4.48E-04	4.48E-04	2.59E-03	2.59E-03
Carbazole	5.41E+00	5.41E+00	3.57E+00	0.00E+00	2.78E-02	1.81E+00	1.82E+00	0.00E+00	0.00E+00	5.41E+00	5.41E+00	3.57E+00	0.00E+00	2.78E-02	1.81E+00	1.82E+00	0.00E+00	0.00E+00
Carbon dioxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Carbon disulfide	9.24E-01	9.24E-01	0.00E+00	9.24E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-01	9.24E-01	0.00E+00	9.24E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Carbon monoxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Carbon tetrachloride	3.42E-02	3.42E-02	0.00E+00	3.42E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-02	3.42E-02	0.00E+00	3.42E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chlordecone (Kepone)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chlorobenzene	1.19E+01	1.19E+01	0.00E+00	1.19E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E+01	1.19E+01	0.00E+00	1.19E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chlorodibromomethane	1.27E+01	1.27E+01	0.00E+00	1.27E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E+01	1.27E+01	0.00E+00	1.27E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chloroethane	1.12E+01	1.12E+01	0.00E+00	1.12E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E+01	1.12E+01	0.00E+00	1.12E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chloroform	2.95E+00	2.95E+00	0.00E+00	2.95E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E+00	2.95E+00	0.00E+00	2.95E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chloromethane	2.25E+01	2.25E+01	0.00E+00	2.25E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E+01	2.25E+01	0.00E+00	2.25E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chromium	9.32E+02	1.06E+03	5.49E+02	0.00E+00	4.27E+00	1.54E+02	2.08E+02	2.25E+02	3.04E+02	9.32E+02	1.06E+03	5.49E+02	0.00E+00	4.27E+00	1.54E+02	2.08E+02	2.25E+02	3.04E+02
Chrysene	2.02E+02	2.04E+02	2.11E+01	1.66E+02	1.64E-01	1.03E-03	1.19E-03	1.43E+01	1.65E+01	2.02E+02	2.04E+02	2.11E+01	1.66E+02	1.64E-01	1.03E-03	1.19E-03	1.43E+01	1.65E+01
Cobalt	2.39E+03	3.05E+03	1.30E+03	0.00E+00	1.01E+01	2.40E+02	3.89E+02	8.33E+02	1.35E+03	2.39E+03	3.05E+03	1.30E+03	0.00E+00	1.01E+01	2.40E+02	3.89E+02	8.33E+02	1.35E+03
Copper	2.87E+03	3.57E+03	1.60E+03	0.00E+00	1.24E+01	3.41E+02	5.28E+02	9.21E+02	1.43E+03	2.87E+03	3.57E+03	1.60E+03	0.00E+00	1.24E+01	3.41E+02	5.28E+02	9.21E+02	1.43E+03
DDD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00



Table G-30: Total COPC Load into the Waterbody Used in Fish Tissue Model Calculations Based on a 30-Year ACI Operational Time Frame

COPC	6-Year Exposure Duration									25-Year Exposure Duration								
	Total COPC Load		Total Deposition	Vapor COPC Diffusion Load	Runoff Load from Impervious Surfaces	Runoff Load from Pervious Surfaces		Soil Erosion Load		Total COPC Load		Total Deposition	Vapor COPC Diffusion Load	Runoff Load from Impervious Surfaces	Runoff Load from Pervious Surfaces		Soil Erosion Load	
	Lt (Lt = Ldep + Ldif + Lri + Lr + Le)		Ldep	Ldif	Lri	Lr		Le		Lt (Lt = Ldep + Ldif + Lri + Lr + Le)		Ldep	Ldif	Lri	Lr		Le	
	Cancer	Noncancer	Cancer/Noncancer	Cancer/Noncancer	Cancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer/Noncancer	Cancer/Noncancer	Cancer	Cancer	Noncancer	Cancer	Noncancer
g/yr																		
DDE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Di-n-butyl phthalate	6.78E+03	6.78E+03	1.45E+00	6.78E+03	1.13E-02	2.14E-05	2.15E-05	2.58E-02	2.58E-02	6.78E+03	6.78E+03	1.45E+00	6.78E+03	1.13E-02	2.14E-05	2.15E-05	2.58E-02	2.58E-02
Di-n-octyl phthalate	1.39E+01	1.39E+01	2.04E+00	1.18E+01	1.59E-02	1.47E-08	1.48E-08	4.43E-02	4.44E-02	1.39E+01	1.39E+01	2.04E+00	1.18E+01	1.59E-02	1.47E-08	1.48E-08	4.43E-02	4.44E-02
Dibenze(a,h)anthracene	5.31E+00	5.56E+00	2.81E+00	6.95E-01	2.18E-02	1.33E-05	1.52E-05	1.79E+00	2.04E+00	5.31E+00	5.56E+00	2.81E+00	6.95E-01	2.18E-02	1.33E-05	1.52E-05	1.79E+00	2.04E+00
Dibenzofuran	1.54E+02	1.54E+02	1.53E+02	0.00E+00	1.19E+00	7.18E-02	7.18E-02	1.50E-03	1.50E-03	1.54E+02	1.54E+02	1.53E+02	0.00E+00	1.19E+00	7.18E-02	7.18E-02	1.50E-03	1.50E-03
Dibromomethane	1.01E+00	1.01E+00	0.00E+00	1.01E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E+00	1.01E+00	0.00E+00	1.01E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dichlorobiphenyl	2.43E+00	2.43E+00	1.48E-03	2.42E+00	1.15E-05	3.51E-06	6.00E-06	3.18E-03	5.45E-03	2.43E+00	2.43E+00	1.48E-03	2.42E+00	1.15E-05	3.51E-06	6.00E-06	3.18E-03	5.45E-03
Dichlorodifluoromethane	3.72E-03	3.72E-03	0.00E+00	3.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-03	3.72E-03	0.00E+00	3.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dieldrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dimethyl phthalate	1.48E+02	1.48E+02	0.00E+00	1.48E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E+02	1.48E+02	0.00E+00	1.48E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ethylbenzene	2.23E+02	2.23E+02	0.00E+00	2.23E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E+02	2.23E+02	0.00E+00	2.23E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fluoranthene	4.66E+02	4.66E+02	1.19E+00	4.65E+02	9.24E-03	1.51E-04	1.61E-04	3.85E-01	4.09E-01	4.66E+02	4.66E+02	1.19E+00	4.65E+02	9.24E-03	1.51E-04	1.61E-04	3.85E-01	4.09E-01
Fluorene	9.45E+02	9.45E+02	0.00E+00	9.45E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.45E+02	9.45E+02	0.00E+00	9.45E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Formaldehyde	1.04E+06	1.04E+06	0.00E+00	1.04E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+06	1.04E+06	0.00E+00	1.04E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Heptachlorobiphenyl	3.21E-02	3.24E-02	1.63E-04	3.16E-02	1.27E-06	6.37E-08	1.11E-07	3.61E-04	6.28E-04	3.21E-02	3.24E-02	1.63E-04	3.16E-02	1.27E-06	6.37E-08	1.11E-07	3.61E-04	6.28E-04
Hexachlorobiphenyl	1.30E-01	1.31E-01	7.00E-04	1.28E-01	5.44E-06	2.73E-07	4.74E-07	1.55E-03	2.69E-03	1.30E-01	1.31E-01	7.00E-04	1.28E-01	5.44E-06	2.73E-07	4.74E-07	1.55E-03	2.69E-03
Hexachlorobutadiene	2.03E+01	2.03E+01	0.00E+00	2.03E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E+01	2.03E+01	0.00E+00	2.03E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hydrogen Chloride	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hydrogen cyanide	1.75E+04	1.75E+04	0.00E+00	1.75E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E+04	1.75E+04	0.00E+00	1.75E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hydrogen sulfide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Indeno(1,2,3-cd)pyrene	1.50E+01	1.56E+01	9.79E+00	2.08E-01	7.62E-02	4.05E-05	4.48E-05	4.97E+00	5.49E+00	1.50E+01	1.56E+01	9.79E+00	2.08E-01	7.62E-02	4.05E-05	4.48E-05	4.97E+00	5.49E+00
Iron	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Isopropanol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Isopropylbenzene	1.01E-01	1.01E-01	0.00E+00	1.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01	1.01E-01	0.00E+00	1.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lead	5.63E+02	5.63E+02	5.58E+02	1.49E-02	4.34E+00	4.68E-03	4.68E-03	3.25E-01	3.25E-01	5.63E+02	5.63E+02	5.58E+02	1.49E-02	4.34E+00	4.68E-03	4.68E-03	3.25E-01	3.25E-01
Manganese	7.36E+02	7.36E+02	4.86E+02	0.00E+00	3.78E+00	2.46E+02	2.47E+02	0.00E+00	0.00E+00	7.36E+02	7.36E+02	4.86E+02	0.00E+00	3.78E+00	2.46E+02	2.47E+02	0.00E+00	0.00E+00
Mercury (+2)	1.20E-01	1.79E-01	6.10E-02	0.00E+00	4.74E-04	1.31E-05	2.62E-05	5.86E-02	1.17E-01	1.20E-01	1.79E-01	6.10E-02	0.00E+00	4.74E-04	1.31E-05	2.62E-05	5.86E-02	1.17E-01
Mercury, elemental	3.82E-01	3.82E-01	3.12E-01	6.84E-02	2.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-01	3.82E-01	3.12E-01	6.84E-02	2.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methyl Isobutyl Ketone	1.05E+01	1.05E+01	0.00E+00	1.05E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E+01	1.05E+01	0.00E+00	1.05E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methyl Mercury	3.20E-01	3.26E-01	3.12E-01	0.00E+00	2.42E-03	1.13E-05	2.25E-05	6.08E-03	1.21E-02	3.20E-01	3.26E-01	3.12E-01	0.00E+00	2.42E-03	1.13E-05	2.25E-05	6.08E-03	1.21E-02
Methylene chloride	9.41E+01	9.41E+01	0.00E+00	9.41E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.41E+01	9.41E+01	0.00E+00	9.41E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Monochlorobiphenyl	1.70E+01	1.70E+01	1.03E-02	1.69E+01	8.02E-05	2.44E-05	4.18E-05	2.22E-02	3.80E-02	1.70E+01	1.70E+01	1.03E-02	1.69E+01	8.02E-05	2.44E-05	4.18E-05	2.22E-02	3.80E-02
NOx (Oxides of Nitrogen)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Naphthalene	2.93E+03	2.93E+03	0.00E+00	2.93E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E+03	2.93E+03	0.00E+00	2.93E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nickel	3.10E+02	3.10E+02	3.07E+02	1.17E-02	2.39E+00	2.57E-03	2.57E-03	1.29E-02	1.29E-02	3.10E+02	3.10E+02	3.07E+02	1.17E-02	2.39E+00	2.57E-03	2.57E-03	1.29E-02	1.29E-02
Nonachlorobiphenyl	4.01E-03	4.05E-03	2.47E-05	3.93E-03	1.92E-07	9.65E-09	1.68E-08	5.48E-05	9.52E-05	4.01E-03	4.05E-03	2.47E-05	3.93E-03	1.92E-07	9.65E-09	1.68E-08	5.48E-05	9.52E-05
OCDD	3.05E-02	4.58E-02	9.21E-03	7.65E-04	7.16E-05	9.06E-08	1.58E-07	2.05E-02	3.57E-02	3.05E-02	4.58E-02	9.21E-03	7.65E-04	7.16E-05	9.06E-08	1.58E-07	2.05E-02	3.57E-02
OCDF	1.15E-02	1.72E-02	3.48E-03	1.82E-04	2.71E-05	5.44E-08	9.47E-08	7.76E-03	1.35E-02	1.15E-02	1.72E-02	3.48E-03	1.82E-04	2.71E-05	5.44E-08	9.47E-08	7.76E-03	1.35E-02
Octachlorobiphenyl	9.54E-03	9.62E-03	5.08E-05	9.38E-03	3.95E-07	1.98E-08	3.44E-08	1.12E-04	1.95E-04	9.54E-03	9.62E-03	5.08E-05	9.38E-03	3.95E-07	1.98E-08	3.44E-08	1.12E-04	1.95E-04
PM<10	3.62E+06	3.62E+06	2.39E+06	0.00E+00	1.86E+04	1.21E+06	1.21E+06	0.00E+00	0.00E+00	3.62E+06	3.62E+06	2.39E+06	0.00E+00	1.86E+04	1.21E+06	1.21E+06	0.00E+00	0.00E+00
PM<2.5	3.02E+06	3.02E+06	1.99E+06	0.00E+00	1.55E+04	1.01E+06	1.01E+06	0.00E+00	0.00E+00	3.02E+06	3.02E+06	1.99E+06	0.00E+00	1.55E+04	1.01E+06	1.01E+06	0.00E+00	0.00E+00
Total Suspended Particulate	2.81E+06	2.81E+06	1.85E+06	0.00E+00	1.44E+04	9.40E+05	9.43E+05	0.00E+00	0.00E+00	2.81E+06	2.81E+06	1.85E+06	0.00E+00	1.44E+04	9.40E+05	9.43E+05	0.00E+00	0.00E+00
Pentachlorobiphenyl	4.33E-01	4.37E-01	2.43E-03	4.25E-01	1.89E-05	9.49E-07	1.65E-06	5.39E-03	9.36E-03	4.33E-01	4.37E-01	2.43E-03	4.25E-01	1.89E-05	9.49E-07	1.65E-06	5.39E-03	9.36E-03
Perylene	1.03E+01	1.03E+01	7.09E+00	0.00E+00	5.52E-02	3.14E+00	3.15E+00	0.00E+00	0.00E+00	1.03E+01	1.03E+01	7.09E+00	0.00E+00	5.52E-02	3.14E+00	3.15E+00	0.00E+00	0.00E+00
Phenanthrene	2.11E+03	2.11E+03	0.00E+00	2.11E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E+03	2.11E+03	0.00E+00	2.11E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00



Table G-30: Total COPC Load into the Waterbody Used in Fish Tissue Model Calculations Based on a 30-Year ACI Operational Time Frame

COPC	6-Year Exposure Duration									25-Year Exposure Duration								
	Total COPC Load		Total Deposition	Vapor COPC Diffusion Load	Runoff Load from Impervious Surfaces	Runoff Load from Pervious Surfaces		Soil Erosion Load		Total COPC Load		Total Deposition	Vapor COPC Diffusion Load	Runoff Load from Impervious Surfaces	Runoff Load from Pervious Surfaces		Soil Erosion Load	
	Lt (Lt = Ldep + Ldif + Lri + Lr + Le)		Ldep	Ldif	Lri	Lr		Le		Lt (Lt = Ldep + Ldif + Lri + Lr + Le)		Ldep	Ldif	Lri	Lr		Le	
	Cancer	Noncancer	Cancer/ Noncancer	Cancer/ Noncancer	Cancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer/ Noncancer	Cancer/ Noncancer	Cancer	Cancer	Noncancer	Cancer	Noncancer
g/yr																		
Phenol	3.76E+05	3.76E+05	0.00E+00	3.76E+05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E+05	3.76E+05	0.00E+00	3.76E+05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Phosphorus	2.52E+03	2.52E+03	2.50E+03	0.00E+00	1.95E+01	8.43E-02	8.43E-02	2.28E-02	2.28E-02	2.52E+03	2.52E+03	2.50E+03	0.00E+00	1.95E+01	8.43E-02	8.43E-02	2.28E-02	2.28E-02
Propionaldehyde	2.75E+03	2.75E+03	2.72E+03	0.00E+00	2.12E+01	3.80E-01	3.80E-01	8.79E-04	8.79E-04	2.75E+03	2.75E+03	2.72E+03	0.00E+00	2.12E+01	3.80E-01	3.80E-01	8.79E-04	8.79E-04
Pyrene	4.69E+02	4.70E+02	1.16E+00	4.67E+02	8.99E-03	5.93E-04	7.76E-04	1.30E+00	1.71E+00	4.69E+02	4.70E+02	1.16E+00	4.67E+02	8.99E-03	5.93E-04	7.76E-04	1.30E+00	1.71E+00
Pyridine	1.76E+04	1.76E+04	0.00E+00	1.76E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+04	1.76E+04	0.00E+00	1.76E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Selenium	1.55E+01	1.55E+01	1.54E+01	0.00E+00	1.20E-01	3.25E-04	3.25E-04	1.25E-04	1.25E-04	1.55E+01	1.55E+01	1.54E+01	0.00E+00	1.20E-01	3.25E-04	3.25E-04	1.25E-04	1.25E-04
Silver	1.66E+01	1.74E+01	1.06E+01	0.00E+00	8.22E-02	3.60E+00	4.13E+00	2.30E+00	2.65E+00	1.66E+01	1.74E+01	1.06E+01	0.00E+00	8.22E-02	3.60E+00	4.13E+00	2.30E+00	2.65E+00
Styrene	1.67E+03	1.67E+03	0.00E+00	1.67E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E+03	1.67E+03	0.00E+00	1.67E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sulfur Dioxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tetrachlorobiphenyl	7.23E-01	7.23E-01	5.04E-04	7.21E-01	3.92E-06	1.19E-06	2.05E-06	1.08E-03	1.86E-03	7.23E-01	7.23E-01	5.04E-04	7.21E-01	3.92E-06	1.19E-06	2.05E-06	1.08E-03	1.86E-03
Tetrachloroethene	5.79E-02	5.79E-02	0.00E+00	5.79E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-02	5.79E-02	0.00E+00	5.79E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Thallium (Soluble Salts)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Titanium	7.51E+00	7.52E+00	4.96E+00	0.00E+00	3.86E-02	2.52E+00	2.52E+00	0.00E+00	0.00E+00	7.51E+00	7.52E+00	4.96E+00	0.00E+00	3.86E-02	2.52E+00	2.52E+00	0.00E+00	0.00E+00
Toluene	4.78E+02	4.78E+02	0.00E+00	4.78E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E+02	4.78E+02	0.00E+00	4.78E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total Reduced Sulfur	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Trichlorobiphenyl	9.45E-01	9.46E-01	6.29E-04	9.43E-01	4.89E-06	1.49E-06	2.55E-06	1.35E-03	2.32E-03	9.45E-01	9.46E-01	6.29E-04	9.43E-01	4.89E-06	1.49E-06	2.55E-06	1.35E-03	2.32E-03
Trichloroethene	3.50E-03	3.50E-03	0.00E+00	3.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-03	3.50E-03	0.00E+00	3.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Trichlorofluoromethane	4.53E-03	4.53E-03	0.00E+00	4.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-03	4.53E-03	0.00E+00	4.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Vinyl chloride	1.46E+00	1.46E+00	0.00E+00	1.46E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00	1.46E+00	0.00E+00	1.46E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zinc	1.44E+04	1.44E+04	1.43E+04	3.44E-01	1.11E+02	1.20E-01	1.20E-01	5.73E-01	5.73E-01	1.44E+04	1.44E+04	1.43E+04	3.44E-01	1.11E+02	1.20E-01	1.20E-01	5.73E-01	5.73E-01
bis(2-Ethylhexyl) phthalate	1.99E+04	1.99E+04	2.73E+03	1.71E+04	2.12E+01	9.07E-05	9.10E-05	4.83E+01	4.84E+01	1.99E+04	1.99E+04	2.73E+03	1.71E+04	2.12E+01	9.07E-05	9.10E-05	4.83E+01	4.84E+01
cis-1,2-Dichloroethene	4.77E+00	4.77E+00	0.00E+00	4.77E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E+00	4.77E+00	0.00E+00	4.77E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
cis-1,3-Dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
m&p-Xylene	3.50E+01	3.50E+01	0.00E+00	3.50E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E+01	3.50E+01	0.00E+00	3.50E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
n-Butylbenzene	3.35E+00	3.35E+00	0.00E+00	3.35E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E+00	3.35E+00	0.00E+00	3.35E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
n-Propylbenzene	7.02E+00	7.02E+00	0.00E+00	7.02E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E+00	7.02E+00	0.00E+00	7.02E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
o-Xylene	4.14E+01	4.14E+01	0.00E+00	4.14E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E+01	4.14E+01	0.00E+00	4.14E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
p-Chloroaniline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
p-Chlorotoluene	9.78E-01	9.78E-01	0.00E+00	9.78E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.78E-01	9.78E-01	0.00E+00	9.78E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
p-Isopropyltoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
sec-Butylbenzene	5.65E-01	5.65E-01	0.00E+00	5.65E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-01	5.65E-01	0.00E+00	5.65E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
tert-Butylbenzene	1.45E+01	1.45E+01	0.00E+00	1.45E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E+01	1.45E+01	0.00E+00	1.45E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
trans-1,2-Dichloroethene	5.18E+01	5.18E+01	0.00E+00	5.18E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E+01	5.18E+01	0.00E+00	5.18E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
trans-1,3-Dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00



Table G-31: Total Waterbody COPC Concentration Used in Fish Tissue Model Calculations Based on a 16-Year ACI Operational Time Frame and 1-Year Exposure Duration

COPC	Total Waterbody COPC Concentration		Total COPC Concentration in Water Column		Dissolved Phase Water Concentration		COPC Concentration Sorbed to Bed Sediment		Fraction of Total Waterbody COPC Concentration in Water Column	Overall Total Waterbody Dissipation Rate Constant	Water Column Volatilization Rate	Overall COPC Transfer Rate Coefficient	Liquid Phase Transfer Coefficient	Gas Phase Transfer Coefficient	Benthic Burial Rate Constant
	C _{wtot}		C _{wctot}		C _{dw}		C _{sb}		f _{wc}	k _{wt}	k _v	K _v	K _L	K _G	k _b
	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	--	--	--	--	--	--	--
	g COPC/m ³ Waterbody		mg COPC/L water column		mg COPC/L water		mg COPC/kg sediment		unitless	yr ⁻¹	yr ⁻¹	m/yr	m/yr	m/yr	yr ⁻¹
1,1,1,2-Tetrachloroethane	1.65E-16	1.65E-16	1.54E-16	1.54E-16	1.54E-16	1.54E-16	1.85E-15	1.85E-15	9.24E-01	0.00E+00	4.73E+01	2.18E+02	1.69E+02	5.02E+05	3.90E-01
1,1,1-Trichloroethane	2.66E-17	2.66E-17	2.57E-17	2.57E-17	2.57E-17	2.57E-17	1.39E-16	1.39E-16	9.62E-01	0.00E+00	4.73E+01	2.35E+02	1.82E+02	5.34E+05	3.90E-01
1,1-Dichloroethene	1.81E-18	1.81E-18	1.78E-18	1.78E-18	1.78E-18	1.78E-18	4.63E-18	4.63E-18	9.79E-01	0.00E+00	4.73E+01	2.63E+02	2.03E+02	5.88E+05	3.90E-01
1,2,3,4,6,7,8-HpCDD	3.90E-15	5.73E-15	1.14E-17	1.68E-17	2.42E-19	3.55E-19	5.97E-13	8.76E-13	2.91E-03	0.00E+00	4.73E+01	1.38E+02	1.70E+02	5.90E+05	3.90E-01
1,2,3,4,6,7,8-HpCDF	3.82E-15	5.55E-15	1.19E-17	1.73E-17	9.42E-19	1.37E-18	5.84E-13	8.48E-13	3.09E-03	0.00E+00	4.73E+01	9.24E+01	1.70E+02	2.17E+05	3.90E-01
1,2,3,4,7,8,9-HpCDF	6.21E-16	8.26E-16	1.93E-18	2.57E-18	1.53E-19	2.04E-19	9.49E-14	1.26E-13	3.09E-03	0.00E+00	4.73E+01	9.20E+01	1.70E+02	2.17E+05	3.90E-01
1,2,3,4,7,8-HxCDD	5.85E-16	7.95E-16	1.74E-18	2.36E-18	5.75E-20	7.81E-20	8.95E-14	1.22E-13	2.95E-03	0.00E+00	4.73E+01	1.33E+02	1.70E+02	6.07E+05	3.90E-01
1,2,3,4,7,8-HxCDF	4.07E-15	5.48E-15	1.42E-17	1.91E-17	2.52E-18	3.40E-18	6.22E-13	8.38E-13	3.46E-03	0.00E+00	4.73E+01	9.47E+01	1.70E+02	2.23E+05	3.90E-01
1,2,3,6,7,8-HxCDD	1.15E-15	1.52E-15	4.02E-18	5.29E-18	7.15E-19	9.41E-19	1.76E-13	2.32E-13	3.46E-03	0.00E+00	4.73E+01	6.13E+01	1.70E+02	2.23E+05	3.90E-01
1,2,3,6,7,8-HxCDF	1.51E-15	2.02E-15	4.79E-18	6.42E-18	4.69E-19	6.27E-19	2.31E-13	3.09E-13	3.16E-03	0.00E+00	4.73E+01	1.35E+02	1.70E+02	6.07E+05	3.90E-01
1,2,3,7,8,9-HxCDD	1.60E-15	2.22E-15	5.07E-18	7.07E-18	4.96E-19	6.91E-19	2.44E-13	3.40E-13	3.16E-03	0.00E+00	4.73E+01	1.35E+02	1.70E+02	6.07E+05	3.90E-01
1,2,3,7,8,9-HxCDF	1.29E-16	1.62E-16	4.48E-19	5.65E-19	7.97E-20	1.00E-19	1.96E-14	2.48E-14	3.46E-03	0.00E+00	4.73E+01	8.09E+01	1.70E+02	2.23E+05	3.90E-01
1,2,3,7,8-PeCDD	1.64E-15	1.81E-15	7.02E-18	7.73E-18	2.33E-18	2.56E-18	2.50E-13	2.76E-13	4.25E-03	0.00E+00	4.73E+01	6.11E+01	1.70E+02	6.26E+05	3.90E-01
1,2,3,7,8-PeCDF	2.29E-15	2.51E-15	8.88E-18	9.72E-18	2.31E-18	2.52E-18	3.51E-13	3.84E-13	3.84E-03	0.00E+00	4.73E+01	4.71E+01	1.70E+02	2.31E+05	3.90E-01
1,2,3-Trichlorobenzene	2.00E-15	2.00E-15	1.33E-15	1.33E-15	1.33E-15	1.33E-15	1.03E-13	1.03E-13	6.62E-01	0.00E+00	4.73E+01	2.25E+02	1.98E+02	2.88E+04	3.90E-01
1,2,3-Trichloropropane	3.88E-16	3.88E-16	3.85E-16	3.85E-16	3.85E-16	3.85E-16	7.08E-16	7.08E-16	9.84E-01	0.00E+00	4.73E+01	2.14E+02	1.69E+02	5.02E+05	3.90E-01
1,2,4-Trimethylbenzene	3.04E-15	3.04E-15	2.63E-15	2.63E-15	2.63E-15	2.63E-15	6.45E-14	6.45E-14	8.58E-01	0.00E+00	4.73E+01	2.19E+02	1.69E+02	4.51E+05	3.90E-01
1,2,4-trichlorobenzene	7.36E-16	7.36E-16	5.15E-16	5.15E-16	5.14E-16	5.14E-16	3.41E-14	3.41E-14	6.95E-01	0.00E+00	4.73E+01	2.22E+02	1.74E+02	2.82E+05	3.90E-01
1,2-Dibromoethane	1.35E-16	1.35E-16	1.32E-16	1.32E-16	1.32E-16	1.32E-16	4.89E-16	4.89E-16	9.73E-01	0.00E+00	4.73E+01	2.08E+02	1.98E+02	2.88E+04	3.90E-01
1,2-Dichloroethane	1.01E-14	1.01E-14	1.00E-14	1.00E-14	1.00E-14	1.00E-14	1.53E-14	1.53E-14	9.86E-01	0.00E+00	4.73E+01	2.52E+02	1.97E+02	6.48E+05	3.90E-01
1,2-dichlorobenzene	9.29E-17	9.29E-17	8.47E-17	8.47E-17	8.47E-17	8.47E-17	1.28E-15	1.28E-15	9.06E-01	0.00E+00	4.73E+01	2.17E+02	1.69E+02	4.92E+05	3.90E-01
1,3,5-Trimethylbenzene	2.01E-15	2.01E-15	1.73E-15	1.73E-15	1.73E-15	1.73E-15	4.24E-14	4.24E-14	8.59E-01	0.00E+00	4.73E+01	2.32E+02	1.80E+02	4.49E+05	3.90E-01
1,3-Butadiene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-01	0.00E+00	4.73E+01	2.61E+02	2.02E+02	6.32E+05	3.90E-01
1,3-Dichloropropane	1.19E-16	1.19E-16	1.17E-16	1.17E-16	1.17E-16	1.17E-16	3.37E-16	3.37E-16	9.78E-01	0.00E+00	4.73E+01	2.50E+02	1.96E+02	5.15E+05	3.90E-01
1,3-dichlorobenzene	1.76E-16	1.76E-16	1.45E-16	1.45E-16	1.45E-16	1.45E-16	4.91E-15	4.91E-15	8.15E-01	0.00E+00	4.73E+01	2.17E+02	1.68E+02	4.93E+05	3.90E-01
1,4-Dioxane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	1.33E+02	2.01E+02	1.10E+06	3.90E-01
1,4-dichlorobenzene	2.66E-15	2.66E-15	2.29E-15	2.29E-15	2.29E-15	2.29E-15	5.65E-14	5.65E-14	8.58E-01	0.00E+00	4.73E+01	2.18E+02	1.69E+02	4.92E+05	3.90E-01
1-Methylnaphthalene	1.78E-13	1.78E-13	1.79E-13	1.79E-13	1.79E-13	1.79E-13	1.43E-14	1.43E-14	9.96E-01	0.00E+00	4.73E+01	2.13E+02	1.68E+02	4.11E+05	3.90E-01
1-Methylphenanthrene	3.20E-14	3.20E-14	3.21E-14	3.21E-14	3.21E-14	3.21E-14	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
2,3,4,6,7,8-HxCDF	2.18E-15	2.90E-15	7.62E-18	1.01E-17	1.35E-18	1.80E-18	3.34E-13	4.43E-13	3.46E-03	0.00E+00	4.73E+01	8.09E+01	1.70E+02	2.23E+05	3.90E-01
2,3,4,7,8-PeCDF	3.56E-15	3.98E-15	1.72E-17	1.92E-17	6.98E-18	7.79E-18	5.44E-13	6.07E-13	4.79E-03	0.00E+00	4.73E+01	4.70E+01	1.70E+02	2.31E+05	3.90E-01
2,3,5-Trimethylnaphthalene	1.56E-14	1.56E-14	1.56E-14	1.56E-14	1.56E-14	1.56E-14	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
2,3,7,8-TCDD	5.73E-16	6.03E-16	2.20E-18	2.32E-18	5.62E-19	5.92E-19	8.75E-14	9.21E-14	3.82E-03	0.00E+00	4.73E+01	1.50E+02	1.34E+02	6.48E+05	3.90E-01
2,3,7,8-TCDF	1.89E-15	1.93E-15	1.47E-17	1.49E-17	9.28E-18	9.45E-18	2.88E-13	2.93E-13	7.71E-03	0.00E+00	4.73E+01	9.02E+01	1.41E+02	2.39E+05	3.90E-01
2,4-Dimethylphenol	5.48E-13	5.48E-13	5.25E-13	5.25E-13	5.25E-13	5.25E-13	3.83E-12	3.83E-12	9.51E-01	0.00E+00	4.73E+01	2.96E+00	1.98E+02	2.88E+04	3.90E-01
2,4-Dinitrotoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-01	0.00E+00	4.73E+01	4.77E+00	1.57E+02	1.01E+06	3.90E-01
2,6-Dimethylnaphthalene	4.15E-14	4.16E-14	4.16E-14	4.17E-14	4.16E-14	4.17E-14	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
2,6-Dinitrotoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.83E-01	0.00E+00	4.73E+01	1.12E+00	1.98E+02	2.88E+04	3.90E-01
2-Butanone	1.90E-12	1.90E-12	1.90E-12	1.90E-12	1.90E-12	1.90E-12	1.52E-13	1.52E-13	9.96E-01	0.00E+00	4.73E+01	2.18E+02	1.95E+02	5.47E+05	3.90E-01
2-Chlorophenol	3.85E-14	3.85E-14	3.50E-14	3.50E-14	3.50E-14	3.50E-14	5.44E-13	5.44E-13	9.04E-01	0.00E+00	4.73E+01	1.78E+02	1.98E+02	2.88E+04	3.90E-01
2-Chlorotoluene	1.62E-15	1.62E-15	1.48E-15	1.48E-15	1.48E-15	1.48E-15	2.26E-14	2.26E-14	9.05E-01	0.00E+00	4.73E+01	2.33E+02	1.81E+02	4.62E+05	3.90E-01
2-Hexanone	2.06E-13	2.06E-13	2.06E-13	2.06E-13	2.06E-13	2.06E-13	1.23E-13	1.23E-13	9.92E-01	0.00E+00	4.73E+01	2.09E+02	1.77E+02	4.99E+05	3.90E-01
2-Methylnaphthalene	1.73E-13	1.73E-13	1.74E-13	1.74E-13	1.74E-13	1.74E-13	1.39E-14	1.39E-14	9.96E-01	0.00E+00	4.73E+01	2.12E+02	1.67E+02	4.09E+05	3.90E-01
2-Methylphenol	2.09E-11	2.09E-11	2.05E-11	2.05E-11	2.05E-11	2.05E-11	6.78E-11	6.78E-11	9.75E-01	0.00E+00	4.73E+01	2.82E+01	1.75E+02	5.16E+05	3.90E-01
2-Nitrophenol	1.67E-13	1.67E-13	1.65E-13	1.65E-13	1.65E-13	1.65E-13	3.80E-13	3.80E-13	9.81E-01	0.00E+00	4.73E+01	1.35E+01	1.98E+02	2.88E+04	3.90E-01
3-Methylphenol & 4-Methylphenol	8.13E-13	8.14E-13	8.15E-13	8.16E-13	8.15E-13	8.16E-13	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
4-Nitrophenol	2.75E-13	2.75E-13	2.71E-13	2.71E-13	2.71E-13	2.71E-13	8.18E-13	8.18E-13	9.77E-01	0.00E+00	4.73E+01	6.22E-04	1.98E+02	2.88E+04	3.90E-01



Table G-31: Total Waterbody COPC Concentration Used in Fish Tissue Model Calculations Based on a 16-Year ACI Operational Time Frame and 1-Year Exposure Duration

COPC	Total Waterbody COPC Concentration		Total COPC Concentration in Water Column		Dissolved Phase Water Concentration		COPC Concentration Sorbed to Bed Sediment		Fraction of Total Waterbody COPC Concentration in Water Column	Overall Total Waterbody Dissipation Rate Constant	Water Column Volatilization Rate	Overall COPC Transfer Rate Coefficient	Liquid Phase Transfer Coefficient	Gas Phase Transfer Coefficient	Benthic Burial Rate Constant
	C_{wtot}		C_{wctot}		C_{dw}		C_{sb}		f_{wc}	k_{wt}	k_v	K_v	K_L	K_G	k_b
	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	--	--	--	--	--	--	--
	g COPC/m ³ Waterbody		mg COPC/L water column		mg COPC/L water		mg COPC/kg sediment		unitless	yr ⁻¹	yr ⁻¹	m/yr	m/yr	m/yr	yr ⁻¹
Acenaphthylene	1.46E-13	1.46E-13	1.46E-13	1.47E-13	1.46E-13	1.47E-13	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Acenaphthene	9.45E-14	9.45E-14	4.16E-14	4.16E-14	4.15E-14	4.15E-14	8.13E-12	8.13E-12	4.38E-01	0.00E+00	4.73E+01	1.24E+02	1.98E+02	2.88E+04	3.90E-01
Acetaldehyde	7.12E-11	7.12E-11	7.14E-11	7.14E-11	7.14E-11	7.14E-11	1.43E-12	1.43E-12	9.96E-01	0.00E+00	4.73E+01	2.91E+02	2.49E+02	7.29E+05	3.90E-01
Acetophenone	2.06E-11	2.06E-11	2.05E-11	2.05E-11	2.05E-11	2.05E-11	2.93E-11	2.93E-11	9.87E-01	0.00E+00	4.73E+01	1.21E+02	1.81E+02	4.48E+05	3.90E-01
Aluminum	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Anthracene	7.30E-13	7.30E-13	1.04E-13	1.04E-13	1.02E-13	1.02E-13	9.61E-11	9.61E-11	1.42E-01	0.00E+00	4.73E+01	7.06E+01	1.98E+02	2.88E+04	3.90E-01
Antimony	1.25E-15	1.25E-15	9.69E-16	9.69E-16	9.68E-16	9.68E-16	4.36E-14	4.36E-14	7.70E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Arsenic	2.09E-14	2.09E-14	1.76E-14	1.76E-14	1.76E-14	1.76E-14	5.10E-13	5.10E-13	8.37E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Barium	9.02E-12	1.14E-11	7.13E-12	8.98E-12	7.13E-12	8.98E-12	2.92E-10	3.68E-10	7.86E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Benzene	5.96E-13	5.96E-13	5.88E-13	5.88E-13	5.88E-13	5.88E-13	1.45E-12	1.45E-12	9.80E-01	0.00E+00	4.73E+01	2.59E+02	2.01E+02	5.79E+05	3.90E-01
Benzo(a)anthracene	2.87E-11	2.88E-11	3.85E-13	3.86E-13	3.03E-13	3.04E-13	4.34E-09	4.35E-09	1.33E-02	0.00E+00	4.73E+01	5.47E+01	1.84E+02	4.02E+05	3.90E-01
Benzo(a)pyrene	1.44E-11	1.44E-11	9.75E-14	9.77E-14	5.64E-14	5.66E-14	2.19E-09	2.19E-09	6.74E-03	0.00E+00	4.73E+01	1.89E+01	1.84E+02	3.58E+05	3.90E-01
Benzo(b)fluoranthene	2.72E-12	2.73E-12	1.77E-14	1.77E-14	9.90E-15	9.91E-15	4.15E-10	4.15E-10	6.45E-03	0.00E+00	4.73E+01	1.01E+02	1.98E+02	2.88E+04	3.90E-01
Benzo(e)pyrene	7.92E-15	7.93E-15	7.94E-15	7.95E-15	7.94E-15	7.95E-15	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Benzo(g,h,i)perylene	5.98E-15	5.99E-15	5.99E-15	6.00E-15	5.99E-15	6.00E-15	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Benzo(k)fluoranthene	2.23E-14	2.67E-14	1.49E-16	1.79E-16	8.55E-17	1.03E-16	3.39E-12	4.07E-12	6.65E-03	0.00E+00	4.73E+01	1.24E+00	1.98E+02	2.88E+04	3.90E-01
Benzoic acid	1.23E-11	1.23E-11	1.23E-11	1.23E-11	1.23E-11	1.23E-11	2.96E-13	2.96E-13	9.96E-01	0.00E+00	4.73E+01	4.22E+00	1.70E+02	2.88E+04	3.90E-01
Benzyl alcohol	7.65E-14	7.65E-14	7.65E-14	7.65E-14	7.65E-14	7.65E-14	3.67E-14	3.67E-14	9.93E-01	0.00E+00	4.73E+01	5.04E-01	1.98E+02	2.88E+04	3.90E-01
Beryllium	8.12E-15	8.12E-15	1.33E-15	1.33E-15	1.32E-15	1.32E-15	1.04E-12	1.04E-12	1.63E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Biphenyl	6.00E-13	6.00E-13	6.01E-13	6.01E-13	6.01E-13	6.01E-13	1.20E-13	1.20E-13	9.95E-01	0.00E+00	4.73E+01	2.05E+02	1.64E+02	3.81E+05	3.90E-01
Bromobenzene	2.63E-14	2.63E-14	2.49E-14	2.49E-14	2.48E-14	2.48E-14	2.33E-13	2.33E-13	9.39E-01	0.00E+00	4.73E+01	2.43E+02	1.89E+02	4.16E+05	3.90E-01
Bromochloromethane	1.20E-16	1.20E-16	1.19E-16	1.19E-16	1.19E-16	1.19E-16	1.05E-16	1.05E-16	9.90E-01	0.00E+00	4.73E+01	2.90E+02	2.26E+02	5.37E+05	3.90E-01
Bromodichloromethane	9.46E-17	9.46E-17	9.35E-17	9.35E-17	9.35E-17	9.35E-17	2.07E-16	2.07E-16	9.82E-01	0.00E+00	4.73E+01	2.31E+02	1.98E+02	2.88E+04	3.90E-01
Bromoform	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-01	0.00E+00	4.73E+01	2.61E+02	2.02E+02	1.76E+05	3.90E-01
Bromomethane	2.00E-15	2.00E-15	2.00E-15	2.00E-15	2.00E-15	2.00E-15	7.20E-16	7.20E-16	9.94E-01	0.00E+00	4.73E+01	2.90E+02	2.25E+02	5.10E+05	3.90E-01
Butyl benzyl phthalate	6.01E-13	6.01E-13	1.33E-13	1.33E-13	1.31E-13	1.31E-13	7.19E-11	7.19E-11	2.19E-01	0.00E+00	4.73E+01	1.93E+00	1.98E+02	2.88E+04	3.90E-01
Cadmium	3.37E-14	3.37E-14	2.27E-14	2.27E-14	2.26E-14	2.26E-14	1.70E-12	1.70E-12	6.69E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Carbazole	1.83E-15	1.83E-15	1.83E-15	1.84E-15	1.83E-15	1.84E-15	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Carbon dioxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Carbon disulfide	3.18E-16	3.18E-16	3.13E-16	3.13E-16	3.13E-16	3.13E-16	8.30E-16	8.30E-16	9.79E-01	0.00E+00	4.73E+01	2.56E+02	1.98E+02	6.48E+05	3.90E-01
Carbon monoxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Carbon tetrachloride	1.20E-17	1.20E-17	1.16E-17	1.16E-17	1.16E-17	1.16E-17	7.05E-17	7.05E-17	9.58E-01	0.00E+00	4.73E+01	2.35E+02	1.82E+02	5.34E+05	3.90E-01
Chlordecone (Kepone)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-01	0.00E+00	4.73E+01	5.91E-01	1.23E+02	2.12E+05	3.90E-01
Chlorobenzene	4.26E-15	4.26E-15	4.04E-15	4.04E-15	4.04E-15	4.04E-15	3.62E-14	3.62E-14	9.41E-01	0.00E+00	4.73E+01	2.32E+02	1.80E+02	5.11E+05	3.90E-01
Chlorodibromomethane	4.39E-15	4.39E-15	4.32E-15	4.32E-15	4.32E-15	4.32E-15	1.21E-14	1.21E-14	9.78E-01	0.00E+00	4.73E+01	2.10E+02	1.98E+02	2.88E+04	3.90E-01
Chloroethane	3.80E-15	3.80E-15	3.79E-15	3.79E-15	3.79E-15	3.79E-15	2.35E-15	2.35E-15	9.92E-01	0.00E+00	4.73E+01	2.81E+02	2.17E+02	1.23E+06	3.90E-01
Chloroform	1.01E-15	1.01E-15	1.00E-15	1.00E-15	1.00E-15	1.00E-15	2.10E-15	2.10E-15	9.83E-01	0.00E+00	4.73E+01	2.55E+02	1.98E+02	6.48E+05	3.90E-01
Chloromethane	7.63E-15	7.63E-15	7.64E-15	7.64E-15	7.64E-15	7.64E-15	1.91E-15	1.91E-15	9.94E-01	0.00E+00	4.73E+01	1.92E+02	1.48E+02	7.37E+05	3.90E-01
Chromium	3.18E-13	3.79E-13	2.84E-13	3.38E-13	2.84E-13	3.38E-13	5.40E-12	6.41E-12	8.86E-01	0.00E+00	4.73E+01	3.22E+02	2.49E+02	7.39E+05	3.90E-01
Chrysene	5.51E-12	5.61E-12	6.77E-14	6.90E-14	5.20E-14	5.30E-14	8.35E-10	8.51E-10	1.22E-02	0.00E+00	4.73E+01	9.15E+01	1.98E+02	2.88E+04	3.90E-01
Cobalt	6.77E-13	8.57E-13	6.79E-13	8.60E-13	6.79E-13	8.60E-13	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Copper	8.31E-13	1.04E-12	8.33E-13	1.04E-12	8.33E-13	1.04E-12	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
DDD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-03	0.00E+00	4.73E+01	1.16E+01	1.98E+02	2.88E+04	3.90E-01
DDE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-02	0.00E+00	4.73E+01	2.80E+01	1.98E+02	2.88E+04	3.90E-01
Di-n-butyl phthalate	3.23E-12	3.23E-12	2.30E-12	2.30E-12	2.30E-12	2.30E-12	1.44E-10	1.44E-10	7.06E-01	0.00E+00	4.73E+01	2.94E+01	1.68E+02	3.63E+05	3.90E-01
Di-n-octyl phthalate	1.62E-12	1.62E-12	4.72E-15	4.72E-15	6.76E-17	6.76E-17	2.48E-10	2.48E-10	2.89E-03	0.00E+00	4.73E+01	7.21E+01	1.98E+02	2.88E+04	3.90E-01
Dibenzo(a,h)anthracene	3.46E-13	3.76E-13	1.73E-15	1.88E-15	7.37E-16	8.01E-16	5.28E-11	5.73E-11	4.96E-03	0.00E+00	4.73E+01	2.25E-02	1.98E+02	2.88E+04	3.90E-01



Table G-31: Total Waterbody COPC Concentration Used in Fish Tissue Model Calculations Based on a 16-Year ACI Operational Time Frame and 1-Year Exposure Duration

COPC	Total Waterbody COPC Concentration		Total COPC Concentration in Water Column		Dissolved Phase Water Concentration		COPC Concentration Sorbed to Bed Sediment		Fraction of Total Waterbody COPC Concentration in Water Column	Overall Total Waterbody Dissipation Rate Constant	Water Column Volatilization Rate	Overall COPC Transfer Rate Coefficient	Liquid Phase Transfer Coefficient	Gas Phase Transfer Coefficient	Benthic Burial Rate Constant
	C_{wtot}		C_{wctot}		C_{dw}		C_{sb}		f_{wc}	k_{wt}	k_v	K_v	K_L	K_G	k_b
	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	--	--	--	--	--	--	--
	g COPC/m ³ Waterbody		mg COPC/L water column		mg COPC/L water		mg COPC/kg sediment		unitless	yr ⁻¹	yr ⁻¹	m/yr	m/yr	m/yr	yr ⁻¹
Dibenzofuran	5.22E-14	5.22E-14	5.22E-14	5.22E-14	5.22E-14	5.22E-14	1.88E-14	1.88E-14	9.94E-01	0.00E+00	4.73E+01	2.01E+02	1.61E+02	4.73E+05	3.90E-01
Dibromomethane	3.45E-16	3.45E-16	3.43E-16	3.43E-16	3.43E-16	3.43E-16	4.36E-16	4.36E-16	9.88E-01	0.00E+00	4.73E+01	2.14E+02	1.98E+02	2.88E+04	3.90E-01
Dichlorobiphenyl	6.58E-14	6.58E-14	8.22E-16	8.22E-16	6.35E-16	6.35E-16	9.96E-12	9.97E-12	1.24E-02	0.00E+00	4.73E+01	1.57E+02	1.98E+02	2.88E+04	3.90E-01
Dichlorodifluoromethane	1.28E-18	1.28E-18	1.26E-18	1.26E-18	1.26E-18	1.26E-18	3.10E-18	3.10E-18	9.80E-01	0.00E+00	4.73E+01	2.56E+02	1.98E+02	2.88E+04	3.90E-01
Dieldrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-01	0.00E+00	4.73E+01	2.07E+01	1.98E+02	2.88E+04	3.90E-01
Dimethyl phthalate	5.05E-14	5.05E-14	5.02E-14	5.02E-14	5.02E-14	5.02E-14	6.88E-14	6.88E-14	9.87E-01	0.00E+00	4.73E+01	2.33E+00	1.45E+02	4.32E+05	3.90E-01
Ethylbenzene	7.94E-14	7.94E-14	7.56E-14	7.56E-14	7.56E-14	7.56E-14	6.17E-13	6.17E-13	9.46E-01	0.00E+00	4.73E+01	2.16E+02	1.68E+02	5.20E+05	3.90E-01
Fluoranthene	2.11E-12	2.11E-12	1.58E-13	1.58E-13	1.52E-13	1.52E-13	2.99E-10	2.99E-10	7.44E-02	0.00E+00	4.73E+01	2.19E+01	1.98E+02	2.88E+04	3.90E-01
Fluorene	9.59E-13	9.59E-13	3.20E-13	3.20E-13	3.18E-13	3.18E-13	9.82E-11	9.82E-11	3.32E-01	0.00E+00	4.73E+01	6.98E+01	1.98E+02	2.88E+04	3.90E-01
Formaldehyde	3.52E-10	3.52E-10	3.53E-10	3.53E-10	3.53E-10	3.53E-10	3.18E-11	3.18E-11	9.95E-01	0.00E+00	4.73E+01	1.56E+01	3.13E+02	9.28E+05	3.90E-01
Heptachlorobiphenyl	2.45E-15	2.47E-15	1.08E-17	1.09E-17	3.82E-18	3.84E-18	3.75E-13	3.77E-13	4.39E-03	0.00E+00	4.73E+01	1.60E+02	1.98E+02	2.88E+04	3.90E-01
Hexachlorobiphenyl	9.92E-15	9.98E-15	4.38E-17	4.41E-17	1.54E-17	1.55E-17	1.52E-12	1.52E-12	4.39E-03	0.00E+00	4.73E+01	1.60E+02	1.98E+02	2.88E+04	3.90E-01
Hexachlorobutadiene	2.04E-14	2.04E-14	6.88E-15	6.88E-15	6.84E-15	6.84E-15	2.07E-12	2.07E-12	3.35E-01	0.00E+00	4.73E+01	1.85E+02	1.43E+02	4.28E+05	3.90E-01
Hydrogen Chloride	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	2.56E+02	1.98E+02	2.88E+04	3.90E-01
Hydrogen cyanide	5.91E-12	5.91E-12	5.93E-12	5.93E-12	5.93E-12	5.93E-12	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	3.42E+02	2.80E+02	8.93E+05	3.90E-01
Hydrogen sulfide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	4.37E+02	3.39E+02	9.63E+05	3.90E-01
Indeno(1,2,3-cd)pyrene	1.20E-12	1.28E-12	4.94E-15	5.27E-15	1.50E-15	1.59E-15	1.84E-10	1.96E-10	4.08E-03	0.00E+00	4.73E+01	2.38E+00	1.98E+02	2.88E+04	3.90E-01
Iron	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Isopropanol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	1.37E+02	2.14E+02	6.45E+05	3.90E-01
Isopropylbenzene	4.32E-17	4.32E-17	3.42E-17	3.42E-17	3.42E-17	3.42E-17	1.39E-15	1.39E-15	7.87E-01	0.00E+00	4.73E+01	2.03E+02	1.57E+02	4.73E+05	3.90E-01
Lead	1.30E-12	1.30E-12	1.91E-13	1.91E-13	1.89E-13	1.89E-13	1.70E-10	1.70E-10	1.46E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Manganese	2.48E-13	2.49E-13	2.49E-13	2.50E-13	2.49E-13	2.50E-13	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Mercury (+2)	5.15E-15	6.89E-15	3.14E-17	4.20E-17	1.34E-17	1.79E-17	7.85E-13	1.05E-12	6.06E-03	0.00E+00	4.73E+01	1.37E-02	1.28E+02	3.71E+05	3.90E-01
Mercury, elemental	2.64E-15	2.64E-15	1.30E-16	1.30E-16	0.00E+00	0.00E+00	3.85E-13	3.85E-13	4.88E-02	0.00E+00	4.73E+01	5.30E+02	4.14E+02	1.43E+05	3.90E-01
Methyl Isobutyl Ketone	3.55E-15	3.55E-15	3.54E-15	3.54E-15	3.54E-15	3.54E-15	2.16E-15	2.16E-15	9.92E-01	0.00E+00	4.73E+01	2.05E+02	1.68E+02	5.20E+05	3.90E-01
Methyl Mercury	1.16E-15	1.17E-15	1.08E-16	1.09E-16	2.36E-18	3.15E-18	1.61E-13	1.63E-13	9.22E-02	0.00E+00	4.73E+01	9.53E+00	1.42E+02	4.11E+05	3.90E-01
Methylene chloride	3.19E-14	3.19E-14	3.19E-14	3.19E-14	3.19E-14	3.19E-14	1.28E-14	1.28E-14	9.93E-01	0.00E+00	4.73E+01	2.83E+02	2.20E+02	6.35E+05	3.90E-01
Monochlorobiphenyl	4.60E-13	4.60E-13	5.75E-15	5.75E-15	4.44E-15	4.45E-15	6.97E-11	6.97E-11	1.24E-02	0.00E+00	4.73E+01	1.57E+02	1.98E+02	2.88E+04	3.90E-01
NOx (Oxides of Nitrogen)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Naphthalene	1.30E-12	1.30E-12	9.95E-13	9.95E-13	9.94E-13	9.94E-13	4.73E-11	4.73E-11	7.60E-01	0.00E+00	4.73E+01	2.07E+02	1.63E+02	4.43E+05	3.90E-01
Nickel	1.49E-13	1.49E-13	1.05E-13	1.05E-13	1.05E-13	1.05E-13	6.82E-12	6.82E-12	6.99E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Nonachlorobiphenyl	3.06E-16	3.08E-16	1.35E-18	1.36E-18	4.76E-19	4.80E-19	4.67E-14	4.71E-14	4.39E-03	0.00E+00	4.73E+01	1.60E+02	1.98E+02	2.88E+04	3.90E-01
OCDD	2.62E-15	3.85E-15	7.60E-18	1.12E-17	1.02E-19	1.51E-19	4.00E-13	5.88E-13	2.89E-03	0.00E+00	4.73E+01	1.05E+02	1.70E+02	5.74E+05	3.90E-01
OCDF	9.70E-16	1.43E-15	2.84E-18	4.20E-18	6.01E-20	8.88E-20	1.48E-13	2.19E-13	2.91E-03	0.00E+00	4.73E+01	1.89E+01	1.70E+02	2.11E+05	3.90E-01
Octachlorobiphenyl	7.28E-16	7.33E-16	3.22E-18	3.24E-18	1.13E-18	1.14E-18	1.11E-13	1.12E-13	4.39E-03	0.00E+00	4.73E+01	1.60E+02	1.98E+02	2.88E+04	3.90E-01
PM<10	1.22E-09	1.22E-09	1.22E-09	1.23E-09	1.22E-09	1.23E-09	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
PM<2.5	1.02E-09	1.02E-09	1.02E-09	1.02E-09	1.02E-09	1.02E-09	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Total Suspended Particulate	9.49E-10	9.50E-10	9.51E-10	9.53E-10	9.51E-10	9.53E-10	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Pentachlorobiphenyl	3.30E-14	3.33E-14	1.46E-16	1.47E-16	5.14E-17	5.17E-17	5.05E-12	5.08E-12	4.39E-03	0.00E+00	4.73E+01	1.60E+02	1.98E+02	2.88E+04	3.90E-01
Perylene	3.48E-15	3.48E-15	3.49E-15	3.49E-15	3.49E-15	3.49E-15	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Phenanthrene	5.56E-12	5.56E-12	7.15E-13	7.15E-13	7.01E-13	7.01E-13	7.44E-10	7.44E-10	1.28E-01	0.00E+00	4.73E+01	3.04E+01	1.98E+02	2.88E+04	3.90E-01
Phenol	1.28E-10	1.28E-10	1.27E-10	1.27E-10	1.27E-10	1.27E-10	1.53E-10	1.53E-10	9.88E-01	0.00E+00	4.73E+01	1.10E+01	1.86E+02	5.52E+05	3.90E-01
Phosphorus	8.53E-13	8.53E-13	8.55E-13	8.55E-13	8.55E-13	8.55E-13	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	5.04E+02	3.92E+02	1.07E+06	3.90E-01
Propionaldehyde	9.28E-13	9.28E-13	9.30E-13	9.30E-13	9.30E-13	9.30E-13	3.72E-14	3.72E-14	9.96E-01	0.00E+00	4.73E+01	2.62E+02	2.26E+02	6.74E+05	3.90E-01
Pyrene	2.84E-12	2.84E-12	1.59E-13	1.59E-13	1.51E-13	1.51E-13	4.11E-10	4.12E-10	5.56E-02	0.00E+00	4.73E+01	1.55E+01	1.98E+02	2.88E+04	3.90E-01
Pyridine	5.96E-12	5.96E-12	5.97E-12	5.97E-12	5.97E-12	5.97E-12	1.01E-12	1.01E-12	9.95E-01	0.00E+00	4.73E+01	1.20E+02	1.65E+02	5.92E+05	3.90E-01
Selenium	5.43E-15	5.43E-15	5.27E-15	5.27E-15	5.27E-15	5.27E-15	2.63E-14	2.63E-14	9.65E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01



Table G-31: Total Waterbody COPC Concentration Used in Fish Tissue Model Calculations Based on a 16-Year ACI Operational Time Frame and 1-Year Exposure Duration

COPC	Total Waterbody COPC Concentration		Total COPC Concentration in Water Column		Dissolved Phase Water Concentration		COPC Concentration Sorbed to Bed Sediment		Fraction of Total Waterbody COPC Concentration in Water Column	Overall Total Waterbody Dissipation Rate Constant	Water Column Volatilization Rate	Overall COPC Transfer Rate Coefficient	Liquid Phase Transfer Coefficient	Gas Phase Transfer Coefficient	Benthic Burial Rate Constant
	C_{wtot}		C_{wctot}		C_{dw}		C_{sb}		f_{wc}	k_{wt}	k_v	K_v	K_L	K_G	k_b
	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	--	--	--	--	--	--	--
	g COPC/m ³ Waterbody		mg COPC/L water column		mg COPC/L water		mg COPC/kg sediment		unitless	yr ⁻¹	yr ⁻¹	m/yr	m/yr	m/yr	yr ⁻¹
Silver	5.63E-15	6.17E-15	5.36E-15	5.87E-15	5.36E-15	5.87E-15	4.45E-14	4.87E-14	9.45E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Styrene	7.00E-13	7.00E-13	5.66E-13	5.66E-13	5.66E-13	5.66E-13	2.06E-11	2.06E-11	8.04E-01	0.00E+00	4.73E+01	2.20E+02	1.70E+02	5.02E+05	3.90E-01
Sulfur Dioxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Tetrachlorobiphenyl	1.96E-14	1.96E-14	2.45E-16	2.45E-16	1.89E-16	1.89E-16	2.97E-12	2.97E-12	1.24E-02	0.00E+00	4.73E+01	1.57E+02	1.98E+02	2.88E+04	3.90E-01
Tetrachloroethene	2.09E-17	2.09E-17	1.96E-17	1.96E-17	1.96E-17	1.96E-17	2.08E-16	2.08E-16	9.32E-01	0.00E+00	4.73E+01	2.24E+02	1.73E+02	5.06E+05	3.90E-01
Thallium (Soluble Salts)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Titanium	2.54E-15	2.54E-15	2.54E-15	2.55E-15	2.54E-15	2.55E-15	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Toluene	1.67E-13	1.67E-13	1.62E-13	1.62E-13	1.62E-13	1.62E-13	9.06E-13	9.06E-13	9.61E-01	0.00E+00	4.73E+01	2.31E+02	1.79E+02	5.75E+05	3.90E-01
Total Reduced Sulfur	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Trichlorobiphenyl	2.56E-14	2.56E-14	3.20E-16	3.20E-16	2.47E-16	2.48E-16	3.88E-12	3.88E-12	1.24E-02	0.00E+00	4.73E+01	1.57E+02	1.98E+02	2.88E+04	3.90E-01
Trichloroethene	1.21E-18	1.21E-18	1.18E-18	1.18E-18	1.18E-18	1.18E-18	4.47E-18	4.47E-18	9.72E-01	0.00E+00	4.73E+01	2.40E+02	1.86E+02	5.39E+05	3.90E-01
Trichlorofluoromethane	1.58E-18	1.58E-18	1.53E-18	1.53E-18	1.53E-18	1.53E-18	7.01E-18	7.01E-18	9.67E-01	0.00E+00	4.73E+01	2.51E+02	1.94E+02	5.75E+05	3.90E-01
Vinyl chloride	4.95E-16	4.95E-16	4.94E-16	4.94E-16	4.94E-16	4.94E-16	3.06E-16	3.06E-16	9.92E-01	0.00E+00	4.73E+01	2.94E+02	2.27E+02	6.56E+05	3.90E-01
Zinc	6.85E-12	6.85E-12	4.89E-12	4.89E-12	4.89E-12	4.89E-12	3.03E-10	3.03E-10	7.09E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
bis(2-Ethylhexyl) phthalate	1.87E-10	1.87E-10	6.73E-12	6.73E-12	6.21E-12	6.21E-12	2.76E-08	2.76E-08	3.58E-02	0.00E+00	4.73E+01	1.61E+00	1.01E+02	3.13E+05	3.90E-01
cis-1,2-Dichloroethene	1.63E-15	1.63E-15	1.62E-15	1.62E-15	1.62E-15	1.62E-15	2.47E-15	2.47E-15	9.86E-01	0.00E+00	4.73E+01	2.46E+02	1.98E+02	2.88E+04	3.90E-01
cis-1,3-Dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
m&p-Xylene	1.26E-14	1.26E-14	1.18E-14	1.18E-14	1.18E-14	1.18E-14	1.14E-13	1.14E-13	9.37E-01	0.00E+00	4.73E+01	1.34E+02	1.78E+02	1.18E+03	3.90E-01
n-Butylbenzene	1.13E-15	1.13E-15	1.13E-15	1.13E-15	1.13E-15	1.13E-15	4.54E-17	4.54E-17	9.96E-01	0.00E+00	4.73E+01	2.08E+02	1.61E+02	4.11E+05	3.90E-01
n-Propylbenzene	2.88E-15	2.88E-15	2.38E-15	2.38E-15	2.38E-15	2.38E-15	7.73E-14	7.73E-14	8.22E-01	0.00E+00	4.73E+01	2.17E+02	1.68E+02	4.49E+05	3.90E-01
o-Xylene	1.49E-14	1.49E-14	1.40E-14	1.40E-14	1.40E-14	1.40E-14	1.35E-13	1.35E-13	9.37E-01	0.00E+00	4.73E+01	2.55E+02	1.98E+02	5.75E+05	3.90E-01
p-Chloroaniline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.80E-01	0.00E+00	4.73E+01	1.73E+00	1.98E+02	2.88E+04	3.90E-01
p-Chlorotoluene	3.63E-16	3.63E-16	3.32E-16	3.32E-16	3.31E-16	3.31E-16	4.97E-15	4.97E-15	9.07E-01	0.00E+00	4.73E+01	2.32E+02	1.80E+02	4.61E+05	3.90E-01
p-Isopropyltoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
sec-Butylbenzene	1.91E-16	1.91E-16	1.91E-16	1.91E-16	1.91E-16	1.91E-16	7.66E-18	7.66E-18	9.96E-01	0.00E+00	4.73E+01	2.08E+02	1.61E+02	4.11E+05	3.90E-01
tert-Butylbenzene	4.89E-15	4.89E-15	4.90E-15	4.90E-15	4.90E-15	4.90E-15	1.96E-16	1.96E-16	9.96E-01	0.00E+00	4.73E+01	2.08E+02	1.61E+02	4.12E+05	3.90E-01
trans-1,2-Dichloroethene	1.77E-14	1.77E-14	1.75E-14	1.75E-14	1.75E-14	1.75E-14	2.67E-14	2.67E-14	9.86E-01	0.00E+00	4.73E+01	2.87E+02	2.22E+02	4.98E+05	3.90E-01
trans-1,3-Dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01



Table G-32: Total Waterbody COPC Concentration Used in Fish Tissue Model Calculations Based on a 16-Year ACI Operational Time Frame and 3-Year Exposure Duration

COPC	Total Waterbody COPC Concentration		Total COPC Concentration in Water Column		Dissolved Phase Water Concentration		COPC Concentration Sorbed to Bed Sediment		Fraction of Total Waterbody COPC Concentration in Water Column	Overall Total Waterbody Dissipation Rate Constant	Water Column Volatilization Rate	Overall COPC Transfer Rate Coefficient	Liquid Phase Transfer Coefficient	Gas Phase Transfer Coefficient	Benthic Burial Rate Constant
	C _{wtot}		C _{wctot}		C _{dw}		C _{sb}		f _{wc}	k _{wt}	k _v	K _v	K _L	K _G	k _b
	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	--	--	--	--	--	--	--
	g COPC/m ³ Waterbody		mg COPC/L water column		mg COPC/L water		mg COPC/kg sediment		unitless	yr ⁻¹	yr ⁻¹	m/yr	m/yr	m/yr	yr ⁻¹
1,1,1,2-Tetrachloroethane	1.65E-16	1.65E-16	1.54E-16	1.54E-16	1.54E-16	1.54E-16	1.85E-15	1.85E-15	9.24E-01	0.00E+00	4.73E+01	2.18E+02	1.69E+02	5.02E+05	3.90E-01
1,1,1-Trichloroethane	2.66E-17	2.66E-17	2.57E-17	2.57E-17	2.57E-17	2.57E-17	1.39E-16	1.39E-16	9.62E-01	0.00E+00	4.73E+01	2.35E+02	1.82E+02	5.34E+05	3.90E-01
1,1-Dichloroethene	1.81E-18	1.81E-18	1.78E-18	1.78E-18	1.78E-18	1.78E-18	4.63E-18	4.63E-18	9.79E-01	0.00E+00	4.73E+01	2.63E+02	2.03E+02	5.88E+05	3.90E-01
1,2,3,4,6,7,8-HpCDD	3.90E-15	5.73E-15	1.14E-17	1.68E-17	2.42E-19	3.55E-19	5.97E-13	8.76E-13	2.91E-03	0.00E+00	4.73E+01	1.38E+02	1.70E+02	5.90E+05	3.90E-01
1,2,3,4,6,7,8-HpCDF	3.82E-15	5.55E-15	1.19E-17	1.73E-17	9.42E-19	1.37E-18	5.84E-13	8.48E-13	3.09E-03	0.00E+00	4.73E+01	9.24E+01	1.70E+02	2.17E+05	3.90E-01
1,2,3,4,7,8,9-HpCDF	6.21E-16	8.26E-16	1.93E-18	2.57E-18	1.53E-19	2.04E-19	9.49E-14	1.26E-13	3.09E-03	0.00E+00	4.73E+01	9.20E+01	1.70E+02	2.17E+05	3.90E-01
1,2,3,4,7,8-HxCDD	5.85E-16	7.95E-16	1.74E-18	2.36E-18	5.75E-20	7.81E-20	8.95E-14	1.22E-13	2.95E-03	0.00E+00	4.73E+01	1.33E+02	1.70E+02	6.07E+05	3.90E-01
1,2,3,4,7,8-HxCDF	4.07E-15	5.48E-15	1.42E-17	1.91E-17	2.52E-18	3.40E-18	6.22E-13	8.38E-13	3.46E-03	0.00E+00	4.73E+01	9.47E+01	1.70E+02	2.23E+05	3.90E-01
1,2,3,6,7,8-HxCDD	1.15E-15	1.52E-15	4.02E-18	5.29E-18	7.15E-19	9.41E-19	1.76E-13	2.32E-13	3.46E-03	0.00E+00	4.73E+01	6.13E+01	1.70E+02	2.23E+05	3.90E-01
1,2,3,6,7,8-HxCDF	1.51E-15	2.02E-15	4.79E-18	6.42E-18	4.69E-19	6.27E-19	2.31E-13	3.09E-13	3.16E-03	0.00E+00	4.73E+01	1.35E+02	1.70E+02	6.07E+05	3.90E-01
1,2,3,7,8,9-HxCDD	1.60E-15	2.22E-15	5.07E-18	7.07E-18	4.96E-19	6.91E-19	2.44E-13	3.40E-13	3.16E-03	0.00E+00	4.73E+01	1.35E+02	1.70E+02	6.07E+05	3.90E-01
1,2,3,7,8,9-HxCDF	1.29E-16	1.62E-16	4.48E-19	5.65E-19	7.97E-20	1.00E-19	1.96E-14	2.48E-14	3.46E-03	0.00E+00	4.73E+01	8.09E+01	1.70E+02	2.23E+05	3.90E-01
1,2,3,7,8-PeCDD	1.64E-15	1.81E-15	7.02E-18	7.73E-18	2.33E-18	2.56E-18	2.50E-13	2.76E-13	4.25E-03	0.00E+00	4.73E+01	6.11E+01	1.70E+02	6.26E+05	3.90E-01
1,2,3,7,8-PeCDF	2.29E-15	2.51E-15	8.88E-18	9.72E-18	2.31E-18	2.52E-18	3.51E-13	3.84E-13	3.84E-03	0.00E+00	4.73E+01	4.71E+01	1.70E+02	2.31E+05	3.90E-01
1,2,3-Trichlorobenzene	2.00E-15	2.00E-15	1.33E-15	1.33E-15	1.33E-15	1.33E-15	1.03E-13	1.03E-13	6.62E-01	0.00E+00	4.73E+01	2.25E+02	1.98E+02	2.88E+04	3.90E-01
1,2,3-Trichloropropane	3.88E-16	3.88E-16	3.85E-16	3.85E-16	3.85E-16	3.85E-16	7.08E-16	7.08E-16	9.84E-01	0.00E+00	4.73E+01	2.14E+02	1.69E+02	5.02E+05	3.90E-01
1,2,4-Trimethylbenzene	3.04E-15	3.04E-15	2.63E-15	2.63E-15	2.63E-15	2.63E-15	6.45E-14	6.45E-14	8.58E-01	0.00E+00	4.73E+01	2.19E+02	1.69E+02	4.51E+05	3.90E-01
1,2,4-trichlorobenzene	7.36E-16	7.36E-16	5.15E-16	5.15E-16	5.14E-16	5.14E-16	3.41E-14	3.41E-14	6.95E-01	0.00E+00	4.73E+01	2.22E+02	1.74E+02	2.82E+05	3.90E-01
1,2-Dibromoethane	1.35E-16	1.35E-16	1.32E-16	1.32E-16	1.32E-16	1.32E-16	4.89E-16	4.89E-16	9.73E-01	0.00E+00	4.73E+01	2.08E+02	1.98E+02	2.88E+04	3.90E-01
1,2-Dichloroethane	1.01E-14	1.01E-14	1.00E-14	1.00E-14	1.00E-14	1.00E-14	1.53E-14	1.53E-14	9.86E-01	0.00E+00	4.73E+01	2.52E+02	1.97E+02	6.48E+05	3.90E-01
1,2-dichlorobenzene	9.29E-17	9.29E-17	8.47E-17	8.47E-17	8.47E-17	8.47E-17	1.28E-15	1.28E-15	9.06E-01	0.00E+00	4.73E+01	2.17E+02	1.69E+02	4.92E+05	3.90E-01
1,3,5-Trimethylbenzene	2.01E-15	2.01E-15	1.73E-15	1.73E-15	1.73E-15	1.73E-15	4.24E-14	4.24E-14	8.59E-01	0.00E+00	4.73E+01	2.32E+02	1.80E+02	4.49E+05	3.90E-01
1,3-Butadiene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-01	0.00E+00	4.73E+01	2.61E+02	2.02E+02	6.32E+05	3.90E-01
1,3-Dichloropropane	1.19E-16	1.19E-16	1.17E-16	1.17E-16	1.17E-16	1.17E-16	3.37E-16	3.37E-16	9.78E-01	0.00E+00	4.73E+01	2.50E+02	1.96E+02	5.15E+05	3.90E-01
1,3-dichlorobenzene	1.76E-16	1.76E-16	1.45E-16	1.45E-16	1.45E-16	1.45E-16	4.91E-15	4.91E-15	8.15E-01	0.00E+00	4.73E+01	2.17E+02	1.68E+02	4.93E+05	3.90E-01
1,4-Dioxane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	1.33E+02	2.01E+02	1.10E+06	3.90E-01
1,4-dichlorobenzene	2.66E-15	2.66E-15	2.29E-15	2.29E-15	2.29E-15	2.29E-15	5.65E-14	5.65E-14	8.58E-01	0.00E+00	4.73E+01	2.18E+02	1.69E+02	4.92E+05	3.90E-01
1-Methylnaphthalene	1.78E-13	1.78E-13	1.79E-13	1.79E-13	1.79E-13	1.79E-13	1.43E-14	1.43E-14	9.96E-01	0.00E+00	4.73E+01	2.13E+02	1.68E+02	4.11E+05	3.90E-01
1-Methylphenanthrene	3.20E-14	3.20E-14	3.21E-14	3.21E-14	3.21E-14	3.21E-14	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
2,3,4,6,7,8-HxCDF	2.18E-15	2.90E-15	7.62E-18	1.01E-17	1.35E-18	1.80E-18	3.34E-13	4.43E-13	3.46E-03	0.00E+00	4.73E+01	8.09E+01	1.70E+02	2.23E+05	3.90E-01
2,3,4,7,8-PeCDF	3.56E-15	3.98E-15	1.72E-17	1.92E-17	6.98E-18	7.79E-18	5.44E-13	6.07E-13	4.79E-03	0.00E+00	4.73E+01	4.70E+01	1.70E+02	2.31E+05	3.90E-01
2,3,5-Trimethylnaphthalene	1.56E-14	1.56E-14	1.56E-14	1.56E-14	1.56E-14	1.56E-14	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
2,3,7,8-TCDD	5.73E-16	6.03E-16	2.20E-18	2.32E-18	5.62E-19	5.92E-19	8.75E-14	9.21E-14	3.82E-03	0.00E+00	4.73E+01	1.50E+02	1.34E+02	6.48E+05	3.90E-01
2,3,7,8-TCDF	1.89E-15	1.93E-15	1.47E-17	1.49E-17	9.28E-18	9.45E-18	2.88E-13	2.93E-13	7.71E-03	0.00E+00	4.73E+01	9.02E+01	1.41E+02	2.39E+05	3.90E-01
2,4-Dimethylphenol	5.48E-13	5.48E-13	5.25E-13	5.25E-13	5.25E-13	5.25E-13	3.83E-12	3.83E-12	9.51E-01	0.00E+00	4.73E+01	2.96E+00	1.98E+02	2.88E+04	3.90E-01
2,4-Dinitrotoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-01	0.00E+00	4.73E+01	4.77E+00	1.57E+02	1.01E+06	3.90E-01
2,6-Dimethylnaphthalene	4.15E-14	4.16E-14	4.16E-14	4.17E-14	4.16E-14	4.17E-14	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
2,6-Dinitrotoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.83E-01	0.00E+00	4.73E+01	1.12E+00	1.98E+02	2.88E+04	3.90E-01
2-Butanone	1.90E-12	1.90E-12	1.90E-12	1.90E-12	1.90E-12	1.90E-12	1.52E-13	1.52E-13	9.96E-01	0.00E+00	4.73E+01	2.18E+02	1.95E+02	5.47E+05	3.90E-01
2-Chlorophenol	3.85E-14	3.85E-14	3.50E-14	3.50E-14	3.50E-14	3.50E-14	5.44E-13	5.44E-13	9.04E-01	0.00E+00	4.73E+01	1.78E+02	1.98E+02	2.88E+04	3.90E-01
2-Chlorotoluene	1.62E-15	1.62E-15	1.48E-15	1.48E-15	1.48E-15	1.48E-15	2.26E-14	2.26E-14	9.05E-01	0.00E+00	4.73E+01	2.33E+02	1.81E+02	4.62E+05	3.90E-01
2-Hexanone	2.06E-13	2.06E-13	2.06E-13	2.06E-13	2.06E-13	2.06E-13	1.23E-13	1.23E-13	9.92E-01	0.00E+00	4.73E+01	2.09E+02	1.77E+02	4.99E+05	3.90E-01
2-Methylnaphthalene	1.73E-13	1.73E-13	1.74E-13	1.74E-13	1.74E-13	1.74E-13	1.39E-14	1.39E-14	9.96E-01	0.00E+00	4.73E+01	2.12E+02	1.67E+02	4.09E+05	3.90E-01
2-Methylphenol	2.09E-11	2.09E-11	2.05E-11	2.05E-11	2.05E-11	2.05E-11	6.78E-11	6.78E-11	9.75E-01	0.00E+00	4.73E+01	2.82E+01	1.75E+02	5.16E+05	3.90E-01
2-Nitrophenol	1.67E-13	1.67E-13	1.65E-13	1.65E-13	1.65E-13	1.65E-13	3.80E-13	3.80E-13	9.81E-01	0.00E+00	4.73E+01	1.35E+01	1.98E+02	2.88E+04	3.90E-01
3-Methylphenol & 4-Methylphenol	8.13E-13	8.14E-13	8.15E-13	8.16E-13	8.15E-13	8.16E-13	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
4-Nitrophenol	2.75E-13	2.75E-13	2.71E-13	2.71E-13	2.71E-13	2.71E-13	8.18E-13	8.18E-13	9.77E-01	0.00E+00	4.73E+01	6.22E-04	1.98E+02	2.88E+04	3.90E-01



Table G-32: Total Waterbody COPC Concentration Used in Fish Tissue Model Calculations Based on a 16-Year ACI Operational Time Frame and 3-Year Exposure Duration

COPC	Total Waterbody COPC Concentration		Total COPC Concentration in Water Column		Dissolved Phase Water Concentration		COPC Concentration Sorbed to Bed Sediment		Fraction of Total Waterbody COPC Concentration in Water Column	Overall Total Waterbody Dissipation Rate Constant	Water Column Volatilization Rate	Overall COPC Transfer Rate Coefficient	Liquid Phase Transfer Coefficient	Gas Phase Transfer Coefficient	Benthic Burial Rate Constant
	C_{wtot}		C_{wctot}		C_{dw}		C_{sb}		f_{wc}	k_{wt}	k_v	K_v	K_L	K_G	k_b
	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	--	--	--	--	--	--	--
	g COPC/m ³ Waterbody		mg COPC/L water column		mg COPC/L water		mg COPC/kg sediment		unitless	yr ⁻¹	yr ⁻¹	m/yr	m/yr	m/yr	yr ⁻¹
Acenaphthylene	1.46E-13	1.46E-13	1.46E-13	1.47E-13	1.46E-13	1.47E-13	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Acenaphthene	9.45E-14	9.45E-14	4.16E-14	4.16E-14	4.15E-14	4.15E-14	8.13E-12	8.13E-12	4.38E-01	0.00E+00	4.73E+01	1.24E+02	1.98E+02	2.88E+04	3.90E-01
Acetaldehyde	7.12E-11	7.12E-11	7.14E-11	7.14E-11	7.14E-11	7.14E-11	1.43E-12	1.43E-12	9.96E-01	0.00E+00	4.73E+01	2.91E+02	2.49E+02	7.29E+05	3.90E-01
Acetophenone	2.06E-11	2.06E-11	2.05E-11	2.05E-11	2.05E-11	2.05E-11	2.93E-11	2.93E-11	9.87E-01	0.00E+00	4.73E+01	1.21E+02	1.81E+02	4.48E+05	3.90E-01
Aluminum	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Anthracene	7.30E-13	7.30E-13	1.04E-13	1.04E-13	1.02E-13	1.02E-13	9.61E-11	9.61E-11	1.42E-01	0.00E+00	4.73E+01	7.06E+01	1.98E+02	2.88E+04	3.90E-01
Antimony	1.25E-15	1.25E-15	9.69E-16	9.69E-16	9.68E-16	9.68E-16	4.36E-14	4.36E-14	7.70E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Arsenic	2.09E-14	2.09E-14	1.76E-14	1.76E-14	1.76E-14	1.76E-14	5.10E-13	5.10E-13	8.37E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Barium	9.02E-12	1.14E-11	7.13E-12	8.98E-12	7.13E-12	8.98E-12	2.92E-10	3.68E-10	7.86E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Benzene	5.96E-13	5.96E-13	5.88E-13	5.88E-13	5.88E-13	5.88E-13	1.45E-12	1.45E-12	9.80E-01	0.00E+00	4.73E+01	2.59E+02	2.01E+02	5.79E+05	3.90E-01
Benzo(a)anthracene	2.87E-11	2.88E-11	3.85E-13	3.86E-13	3.03E-13	3.04E-13	4.34E-09	4.35E-09	1.33E-02	0.00E+00	4.73E+01	5.47E+01	1.84E+02	4.02E+05	3.90E-01
Benzo(a)pyrene	1.44E-11	1.44E-11	9.75E-14	9.77E-14	5.64E-14	5.66E-14	2.19E-09	2.19E-09	6.74E-03	0.00E+00	4.73E+01	1.89E+01	1.84E+02	3.58E+05	3.90E-01
Benzo(b)fluoranthene	2.72E-12	2.73E-12	1.77E-14	1.77E-14	9.90E-15	9.91E-15	4.15E-10	4.15E-10	6.45E-03	0.00E+00	4.73E+01	1.01E+02	1.98E+02	2.88E+04	3.90E-01
Benzo(e)pyrene	7.92E-15	7.93E-15	7.94E-15	7.95E-15	7.94E-15	7.95E-15	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Benzo(g,h,i)perylene	5.98E-15	5.99E-15	5.99E-15	6.00E-15	5.99E-15	6.00E-15	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Benzo(k)fluoranthene	2.23E-14	2.67E-14	1.49E-16	1.79E-16	8.55E-17	1.03E-16	3.39E-12	4.07E-12	6.65E-03	0.00E+00	4.73E+01	1.24E+00	1.98E+02	2.88E+04	3.90E-01
Benzoic acid	1.23E-11	1.23E-11	1.23E-11	1.23E-11	1.23E-11	1.23E-11	2.96E-13	2.96E-13	9.96E-01	0.00E+00	4.73E+01	4.22E+00	1.70E+02	2.88E+04	3.90E-01
Benzyl alcohol	7.65E-14	7.65E-14	7.65E-14	7.65E-14	7.65E-14	7.65E-14	3.67E-14	3.67E-14	9.93E-01	0.00E+00	4.73E+01	5.04E-01	1.98E+02	2.88E+04	3.90E-01
Beryllium	8.12E-15	8.12E-15	1.33E-15	1.33E-15	1.32E-15	1.32E-15	1.04E-12	1.04E-12	1.63E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Biphenyl	6.00E-13	6.00E-13	6.01E-13	6.01E-13	6.01E-13	6.01E-13	1.20E-13	1.20E-13	9.95E-01	0.00E+00	4.73E+01	2.05E+02	1.64E+02	3.81E+05	3.90E-01
Bromobenzene	2.63E-14	2.63E-14	2.49E-14	2.49E-14	2.48E-14	2.48E-14	2.33E-13	2.33E-13	9.39E-01	0.00E+00	4.73E+01	2.43E+02	1.89E+02	4.16E+05	3.90E-01
Bromochloromethane	1.20E-16	1.20E-16	1.19E-16	1.19E-16	1.19E-16	1.19E-16	1.05E-16	1.05E-16	9.90E-01	0.00E+00	4.73E+01	2.90E+02	2.26E+02	5.37E+05	3.90E-01
Bromodichloromethane	9.46E-17	9.46E-17	9.35E-17	9.35E-17	9.35E-17	9.35E-17	2.07E-16	2.07E-16	9.82E-01	0.00E+00	4.73E+01	2.31E+02	1.98E+02	2.88E+04	3.90E-01
Bromoform	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-01	0.00E+00	4.73E+01	2.61E+02	2.02E+02	1.76E+05	3.90E-01
Bromomethane	2.00E-15	2.00E-15	2.00E-15	2.00E-15	2.00E-15	2.00E-15	7.20E-16	7.20E-16	9.94E-01	0.00E+00	4.73E+01	2.90E+02	2.25E+02	5.10E+05	3.90E-01
Butyl benzyl phthalate	6.01E-13	6.01E-13	1.33E-13	1.33E-13	1.31E-13	1.31E-13	7.19E-11	7.19E-11	2.19E-01	0.00E+00	4.73E+01	1.93E+00	1.98E+02	2.88E+04	3.90E-01
Cadmium	3.37E-14	3.37E-14	2.27E-14	2.27E-14	2.26E-14	2.26E-14	1.70E-12	1.70E-12	6.69E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Carbazole	1.83E-15	1.83E-15	1.83E-15	1.84E-15	1.83E-15	1.84E-15	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Carbon dioxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Carbon disulfide	3.18E-16	3.18E-16	3.13E-16	3.13E-16	3.13E-16	3.13E-16	8.30E-16	8.30E-16	9.79E-01	0.00E+00	4.73E+01	2.56E+02	1.98E+02	6.48E+05	3.90E-01
Carbon monoxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Carbon tetrachloride	1.20E-17	1.20E-17	1.16E-17	1.16E-17	1.16E-17	1.16E-17	7.05E-17	7.05E-17	9.58E-01	0.00E+00	4.73E+01	2.35E+02	1.82E+02	5.34E+05	3.90E-01
Chlordecone (Kepone)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-01	0.00E+00	4.73E+01	5.91E-01	1.23E+02	2.12E+05	3.90E-01
Chlorobenzene	4.26E-15	4.26E-15	4.04E-15	4.04E-15	4.04E-15	4.04E-15	3.62E-14	3.62E-14	9.41E-01	0.00E+00	4.73E+01	2.32E+02	1.80E+02	5.11E+05	3.90E-01
Chlorodibromomethane	4.39E-15	4.39E-15	4.32E-15	4.32E-15	4.32E-15	4.32E-15	1.21E-14	1.21E-14	9.78E-01	0.00E+00	4.73E+01	2.10E+02	1.98E+02	2.88E+04	3.90E-01
Chloroethane	3.80E-15	3.80E-15	3.79E-15	3.79E-15	3.79E-15	3.79E-15	2.35E-15	2.35E-15	9.92E-01	0.00E+00	4.73E+01	2.81E+02	2.17E+02	1.23E+06	3.90E-01
Chloroform	1.01E-15	1.01E-15	1.00E-15	1.00E-15	1.00E-15	1.00E-15	2.10E-15	2.10E-15	9.83E-01	0.00E+00	4.73E+01	2.55E+02	1.98E+02	6.48E+05	3.90E-01
Chloromethane	7.63E-15	7.63E-15	7.64E-15	7.64E-15	7.64E-15	7.64E-15	1.91E-15	1.91E-15	9.94E-01	0.00E+00	4.73E+01	1.92E+02	1.48E+02	7.37E+05	3.90E-01
Chromium	3.18E-13	3.79E-13	2.84E-13	3.38E-13	2.84E-13	3.38E-13	5.40E-12	6.41E-12	8.86E-01	0.00E+00	4.73E+01	3.22E+02	2.49E+02	7.39E+05	3.90E-01
Chrysene	5.51E-12	5.61E-12	6.77E-14	6.90E-14	5.20E-14	5.30E-14	8.35E-10	8.51E-10	1.22E-02	0.00E+00	4.73E+01	9.15E+01	1.98E+02	2.88E+04	3.90E-01
Cobalt	6.77E-13	8.57E-13	6.79E-13	8.60E-13	6.79E-13	8.60E-13	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Copper	8.31E-13	1.04E-12	8.33E-13	1.04E-12	8.33E-13	1.04E-12	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
DDD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-03	0.00E+00	4.73E+01	1.16E+01	1.98E+02	2.88E+04	3.90E-01
DDE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-02	0.00E+00	4.73E+01	2.80E+01	1.98E+02	2.88E+04	3.90E-01
Di-n-butyl phthalate	3.23E-12	3.23E-12	2.30E-12	2.30E-12	2.30E-12	2.30E-12	1.44E-10	1.44E-10	7.06E-01	0.00E+00	4.73E+01	2.94E+01	1.68E+02	3.63E+05	3.90E-01
Di-n-octyl phthalate	1.62E-12	1.62E-12	4.72E-15	4.72E-15	6.76E-17	6.76E-17	2.48E-10	2.48E-10	2.89E-03	0.00E+00	4.73E+01	7.21E+01	1.98E+02	2.88E+04	3.90E-01
Dibenzo(a,h)anthracene	3.46E-13	3.76E-13	1.73E-15	1.88E-15	7.37E-16	8.01E-16	5.28E-11	5.73E-11	4.96E-03	0.00E+00	4.73E+01	2.25E-02	1.98E+02	2.88E+04	3.90E-01



Table G-32: Total Waterbody COPC Concentration Used in Fish Tissue Model Calculations Based on a 16-Year ACI Operational Time Frame and 3-Year Exposure Duration

COPC	Total Waterbody COPC Concentration		Total COPC Concentration in Water Column		Dissolved Phase Water Concentration		COPC Concentration Sorbed to Bed Sediment		Fraction of Total Waterbody COPC Concentration in Water Column	Overall Total Waterbody Dissipation Rate Constant	Water Column Volatilization Rate	Overall COPC Transfer Rate Coefficient	Liquid Phase Transfer Coefficient	Gas Phase Transfer Coefficient	Benthic Burial Rate Constant
	C_{wtot}		C_{wctot}		C_{dw}		C_{sb}		f_{wc}	k_{wt}	k_v	K_v	K_L	K_G	k_b
	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	--	--	--	--	--	--	--
	g COPC/m ³ Waterbody		mg COPC/L water column		mg COPC/L water		mg COPC/kg sediment		unitless	yr ⁻¹	yr ⁻¹	m/yr	m/yr	m/yr	yr ⁻¹
Dibenzofuran	5.22E-14	5.22E-14	5.22E-14	5.22E-14	5.22E-14	5.22E-14	1.88E-14	1.88E-14	9.94E-01	0.00E+00	4.73E+01	2.01E+02	1.61E+02	4.73E+05	3.90E-01
Dibromomethane	3.45E-16	3.45E-16	3.43E-16	3.43E-16	3.43E-16	3.43E-16	4.36E-16	4.36E-16	9.88E-01	0.00E+00	4.73E+01	2.14E+02	1.98E+02	2.88E+04	3.90E-01
Dichlorobiphenyl	6.58E-14	6.58E-14	8.22E-16	8.22E-16	6.35E-16	6.35E-16	9.96E-12	9.97E-12	1.24E-02	0.00E+00	4.73E+01	1.57E+02	1.98E+02	2.88E+04	3.90E-01
Dichlorodifluoromethane	1.28E-18	1.28E-18	1.26E-18	1.26E-18	1.26E-18	1.26E-18	3.10E-18	3.10E-18	9.80E-01	0.00E+00	4.73E+01	2.56E+02	1.98E+02	2.88E+04	3.90E-01
Dieldrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-01	0.00E+00	4.73E+01	2.07E+01	1.98E+02	2.88E+04	3.90E-01
Dimethyl phthalate	5.05E-14	5.05E-14	5.02E-14	5.02E-14	5.02E-14	5.02E-14	6.88E-14	6.88E-14	9.87E-01	0.00E+00	4.73E+01	2.33E+00	1.45E+02	4.32E+05	3.90E-01
Ethylbenzene	7.94E-14	7.94E-14	7.56E-14	7.56E-14	7.56E-14	7.56E-14	6.17E-13	6.17E-13	9.46E-01	0.00E+00	4.73E+01	2.16E+02	1.68E+02	5.20E+05	3.90E-01
Fluoranthene	2.11E-12	2.11E-12	1.58E-13	1.58E-13	1.52E-13	1.52E-13	2.99E-10	2.99E-10	7.44E-02	0.00E+00	4.73E+01	2.19E+01	1.98E+02	2.88E+04	3.90E-01
Fluorene	9.59E-13	9.59E-13	3.20E-13	3.20E-13	3.18E-13	3.18E-13	9.82E-11	9.82E-11	3.32E-01	0.00E+00	4.73E+01	6.98E+01	1.98E+02	2.88E+04	3.90E-01
Formaldehyde	3.52E-10	3.52E-10	3.53E-10	3.53E-10	3.53E-10	3.53E-10	3.18E-11	3.18E-11	9.95E-01	0.00E+00	4.73E+01	1.56E+01	3.13E+02	9.28E+05	3.90E-01
Heptachlorobiphenyl	2.45E-15	2.47E-15	1.08E-17	1.09E-17	3.82E-18	3.84E-18	3.75E-13	3.77E-13	4.39E-03	0.00E+00	4.73E+01	1.60E+02	1.98E+02	2.88E+04	3.90E-01
Hexachlorobiphenyl	9.92E-15	9.98E-15	4.38E-17	4.41E-17	1.54E-17	1.55E-17	1.52E-12	1.52E-12	4.39E-03	0.00E+00	4.73E+01	1.60E+02	1.98E+02	2.88E+04	3.90E-01
Hexachlorobutadiene	2.04E-14	2.04E-14	6.88E-15	6.88E-15	6.84E-15	6.84E-15	2.07E-12	2.07E-12	3.35E-01	0.00E+00	4.73E+01	1.85E+02	1.43E+02	4.28E+05	3.90E-01
Hydrogen Chloride	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	2.56E+02	1.98E+02	2.88E+04	3.90E-01
Hydrogen cyanide	5.91E-12	5.91E-12	5.93E-12	5.93E-12	5.93E-12	5.93E-12	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	3.42E+02	2.80E+02	8.93E+05	3.90E-01
Hydrogen sulfide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	4.37E+02	3.39E+02	9.63E+05	3.90E-01
Indeno(1,2,3-cd)pyrene	1.20E-12	1.28E-12	4.94E-15	5.27E-15	1.50E-15	1.59E-15	1.84E-10	1.96E-10	4.08E-03	0.00E+00	4.73E+01	2.38E+00	1.98E+02	2.88E+04	3.90E-01
Iron	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Isopropanol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	1.37E+02	2.14E+02	6.45E+05	3.90E-01
Isopropylbenzene	4.32E-17	4.32E-17	3.42E-17	3.42E-17	3.42E-17	3.42E-17	1.39E-15	1.39E-15	7.87E-01	0.00E+00	4.73E+01	2.03E+02	1.57E+02	4.73E+05	3.90E-01
Lead	1.30E-12	1.30E-12	1.91E-13	1.91E-13	1.89E-13	1.89E-13	1.70E-10	1.70E-10	1.46E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Manganese	2.48E-13	2.49E-13	2.49E-13	2.50E-13	2.49E-13	2.50E-13	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Mercury (+2)	5.15E-15	6.89E-15	3.14E-17	4.20E-17	1.34E-17	1.79E-17	7.85E-13	1.05E-12	6.06E-03	0.00E+00	4.73E+01	1.37E-02	1.28E+02	3.71E+05	3.90E-01
Mercury, elemental	2.64E-15	2.64E-15	1.30E-16	1.30E-16	0.00E+00	0.00E+00	3.85E-13	3.85E-13	4.88E-02	0.00E+00	4.73E+01	5.30E+02	4.14E+02	1.43E+05	3.90E-01
Methyl Isobutyl Ketone	3.55E-15	3.55E-15	3.54E-15	3.54E-15	3.54E-15	3.54E-15	2.16E-15	2.16E-15	9.92E-01	0.00E+00	4.73E+01	2.05E+02	1.68E+02	5.20E+05	3.90E-01
Methyl Mercury	1.16E-15	1.17E-15	1.08E-16	1.09E-16	2.36E-18	3.15E-18	1.61E-13	1.63E-13	9.22E-02	0.00E+00	4.73E+01	9.53E+00	1.42E+02	4.11E+05	3.90E-01
Methylene chloride	3.19E-14	3.19E-14	3.19E-14	3.19E-14	3.19E-14	3.19E-14	1.28E-14	1.28E-14	9.93E-01	0.00E+00	4.73E+01	2.83E+02	2.20E+02	6.35E+05	3.90E-01
Monochlorobiphenyl	4.60E-13	4.60E-13	5.75E-15	5.75E-15	4.44E-15	4.45E-15	6.97E-11	6.97E-11	1.24E-02	0.00E+00	4.73E+01	1.57E+02	1.98E+02	2.88E+04	3.90E-01
NOx (Oxides of Nitrogen)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Naphthalene	1.30E-12	1.30E-12	9.95E-13	9.95E-13	9.94E-13	9.94E-13	4.73E-11	4.73E-11	7.60E-01	0.00E+00	4.73E+01	2.07E+02	1.63E+02	4.43E+05	3.90E-01
Nickel	1.49E-13	1.49E-13	1.05E-13	1.05E-13	1.05E-13	1.05E-13	6.82E-12	6.82E-12	6.99E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Nonachlorobiphenyl	3.06E-16	3.08E-16	1.35E-18	1.36E-18	4.76E-19	4.80E-19	4.67E-14	4.71E-14	4.39E-03	0.00E+00	4.73E+01	1.60E+02	1.98E+02	2.88E+04	3.90E-01
OCDD	2.62E-15	3.85E-15	7.60E-18	1.12E-17	1.02E-19	1.51E-19	4.00E-13	5.88E-13	2.89E-03	0.00E+00	4.73E+01	1.05E+02	1.70E+02	5.74E+05	3.90E-01
OCDF	9.70E-16	1.43E-15	2.84E-18	4.20E-18	6.01E-20	8.88E-20	1.48E-13	2.19E-13	2.91E-03	0.00E+00	4.73E+01	1.89E+01	1.70E+02	2.11E+05	3.90E-01
Octachlorobiphenyl	7.28E-16	7.33E-16	3.22E-18	3.24E-18	1.13E-18	1.14E-18	1.11E-13	1.12E-13	4.39E-03	0.00E+00	4.73E+01	1.60E+02	1.98E+02	2.88E+04	3.90E-01
PM<10	1.22E-09	1.22E-09	1.22E-09	1.23E-09	1.22E-09	1.23E-09	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
PM<2.5	1.02E-09	1.02E-09	1.02E-09	1.02E-09	1.02E-09	1.02E-09	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Total Suspended Particulate	9.49E-10	9.50E-10	9.51E-10	9.53E-10	9.51E-10	9.53E-10	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Pentachlorobiphenyl	3.30E-14	3.33E-14	1.46E-16	1.47E-16	5.14E-17	5.17E-17	5.05E-12	5.08E-12	4.39E-03	0.00E+00	4.73E+01	1.60E+02	1.98E+02	2.88E+04	3.90E-01
Perylene	3.48E-15	3.48E-15	3.49E-15	3.49E-15	3.49E-15	3.49E-15	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Phenanthrene	5.56E-12	5.56E-12	7.15E-13	7.15E-13	7.01E-13	7.01E-13	7.44E-10	7.44E-10	1.28E-01	0.00E+00	4.73E+01	3.04E+01	1.98E+02	2.88E+04	3.90E-01
Phenol	1.28E-10	1.28E-10	1.27E-10	1.27E-10	1.27E-10	1.27E-10	1.53E-10	1.53E-10	9.88E-01	0.00E+00	4.73E+01	1.10E+01	1.86E+02	5.52E+05	3.90E-01
Phosphorus	8.53E-13	8.53E-13	8.55E-13	8.55E-13	8.55E-13	8.55E-13	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	5.04E+02	3.92E+02	1.07E+06	3.90E-01
Propionaldehyde	9.28E-13	9.28E-13	9.30E-13	9.30E-13	9.30E-13	9.30E-13	3.72E-14	3.72E-14	9.96E-01	0.00E+00	4.73E+01	2.62E+02	2.26E+02	6.74E+05	3.90E-01
Pyrene	2.84E-12	2.84E-12	1.59E-13	1.59E-13	1.51E-13	1.51E-13	4.11E-10	4.12E-10	5.56E-02	0.00E+00	4.73E+01	1.55E+01	1.98E+02	2.88E+04	3.90E-01
Pyridine	5.96E-12	5.96E-12	5.97E-12	5.97E-12	5.97E-12	5.97E-12	1.01E-12	1.01E-12	9.95E-01	0.00E+00	4.73E+01	1.20E+02	1.65E+02	5.92E+05	3.90E-01
Selenium	5.43E-15	5.43E-15	5.27E-15	5.27E-15	5.27E-15	5.27E-15	2.63E-14	2.63E-14	9.65E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01



Table G-32: Total Waterbody COPC Concentration Used in Fish Tissue Model Calculations Based on a 16-Year ACI Operational Time Frame and 3-Year Exposure Duration

COPC	Total Waterbody COPC Concentration		Total COPC Concentration in Water Column		Dissolved Phase Water Concentration		COPC Concentration Sorbed to Bed Sediment		Fraction of Total Waterbody COPC Concentration in Water Column	Overall Total Waterbody Dissipation Rate Constant	Water Column Volatilization Rate	Overall COPC Transfer Rate Coefficient	Liquid Phase Transfer Coefficient	Gas Phase Transfer Coefficient	Benthic Burial Rate Constant
	C_{wtot}		C_{wctot}		C_{dw}		C_{sb}		f_{wc}	k_{wt}	k_v	K_v	K_L	K_G	k_b
	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	--	--	--	--	--	--	--
	g COPC/m ³ Waterbody		mg COPC/L water column		mg COPC/L water		mg COPC/kg sediment		unitless	yr ⁻¹	yr ⁻¹	m/yr	m/yr	m/yr	yr ⁻¹
Silver	5.63E-15	6.17E-15	5.36E-15	5.87E-15	5.36E-15	5.87E-15	4.45E-14	4.87E-14	9.45E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Styrene	7.00E-13	7.00E-13	5.66E-13	5.66E-13	5.66E-13	5.66E-13	2.06E-11	2.06E-11	8.04E-01	0.00E+00	4.73E+01	2.20E+02	1.70E+02	5.02E+05	3.90E-01
Sulfur Dioxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Tetrachlorobiphenyl	1.96E-14	1.96E-14	2.45E-16	2.45E-16	1.89E-16	1.89E-16	2.97E-12	2.97E-12	1.24E-02	0.00E+00	4.73E+01	1.57E+02	1.98E+02	2.88E+04	3.90E-01
Tetrachloroethene	2.09E-17	2.09E-17	1.96E-17	1.96E-17	1.96E-17	1.96E-17	2.08E-16	2.08E-16	9.32E-01	0.00E+00	4.73E+01	2.24E+02	1.73E+02	5.06E+05	3.90E-01
Thallium (Soluble Salts)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Titanium	2.54E-15	2.54E-15	2.54E-15	2.55E-15	2.54E-15	2.55E-15	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Toluene	1.67E-13	1.67E-13	1.62E-13	1.62E-13	1.62E-13	1.62E-13	9.06E-13	9.06E-13	9.61E-01	0.00E+00	4.73E+01	2.31E+02	1.79E+02	5.75E+05	3.90E-01
Total Reduced Sulfur	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Trichlorobiphenyl	2.56E-14	2.56E-14	3.20E-16	3.20E-16	2.47E-16	2.48E-16	3.88E-12	3.88E-12	1.24E-02	0.00E+00	4.73E+01	1.57E+02	1.98E+02	2.88E+04	3.90E-01
Trichloroethene	1.21E-18	1.21E-18	1.18E-18	1.18E-18	1.18E-18	1.18E-18	4.47E-18	4.47E-18	9.72E-01	0.00E+00	4.73E+01	2.40E+02	1.86E+02	5.39E+05	3.90E-01
Trichlorofluoromethane	1.58E-18	1.58E-18	1.53E-18	1.53E-18	1.53E-18	1.53E-18	7.01E-18	7.01E-18	9.67E-01	0.00E+00	4.73E+01	2.51E+02	1.94E+02	5.75E+05	3.90E-01
Vinyl chloride	4.95E-16	4.95E-16	4.94E-16	4.94E-16	4.94E-16	4.94E-16	3.06E-16	3.06E-16	9.92E-01	0.00E+00	4.73E+01	2.94E+02	2.27E+02	6.56E+05	3.90E-01
Zinc	6.85E-12	6.85E-12	4.89E-12	4.89E-12	4.89E-12	4.89E-12	3.03E-10	3.03E-10	7.09E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
bis(2-Ethylhexyl) phthalate	1.87E-10	1.87E-10	6.73E-12	6.73E-12	6.21E-12	6.21E-12	2.76E-08	2.76E-08	3.58E-02	0.00E+00	4.73E+01	1.61E+00	1.01E+02	3.13E+05	3.90E-01
cis-1,2-Dichloroethene	1.63E-15	1.63E-15	1.62E-15	1.62E-15	1.62E-15	1.62E-15	2.47E-15	2.47E-15	9.86E-01	0.00E+00	4.73E+01	2.46E+02	1.98E+02	2.88E+04	3.90E-01
cis-1,3-Dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
m&p-Xylene	1.26E-14	1.26E-14	1.18E-14	1.18E-14	1.18E-14	1.18E-14	1.14E-13	1.14E-13	9.37E-01	0.00E+00	4.73E+01	1.34E+02	1.78E+02	1.18E+03	3.90E-01
n-Butylbenzene	1.13E-15	1.13E-15	1.13E-15	1.13E-15	1.13E-15	1.13E-15	4.54E-17	4.54E-17	9.96E-01	0.00E+00	4.73E+01	2.08E+02	1.61E+02	4.11E+05	3.90E-01
n-Propylbenzene	2.88E-15	2.88E-15	2.38E-15	2.38E-15	2.38E-15	2.38E-15	7.73E-14	7.73E-14	8.22E-01	0.00E+00	4.73E+01	2.17E+02	1.68E+02	4.49E+05	3.90E-01
o-Xylene	1.49E-14	1.49E-14	1.40E-14	1.40E-14	1.40E-14	1.40E-14	1.35E-13	1.35E-13	9.37E-01	0.00E+00	4.73E+01	2.55E+02	1.98E+02	5.75E+05	3.90E-01
p-Chloroaniline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.80E-01	0.00E+00	4.73E+01	1.73E+00	1.98E+02	2.88E+04	3.90E-01
p-Chlorotoluene	3.63E-16	3.63E-16	3.32E-16	3.32E-16	3.31E-16	3.31E-16	4.97E-15	4.97E-15	9.07E-01	0.00E+00	4.73E+01	2.32E+02	1.80E+02	4.61E+05	3.90E-01
p-Isopropyltoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
sec-Butylbenzene	1.91E-16	1.91E-16	1.91E-16	1.91E-16	1.91E-16	1.91E-16	7.66E-18	7.66E-18	9.96E-01	0.00E+00	4.73E+01	2.08E+02	1.61E+02	4.11E+05	3.90E-01
tert-Butylbenzene	4.89E-15	4.89E-15	4.90E-15	4.90E-15	4.90E-15	4.90E-15	1.96E-16	1.96E-16	9.96E-01	0.00E+00	4.73E+01	2.08E+02	1.61E+02	4.12E+05	3.90E-01
trans-1,2-Dichloroethene	1.77E-14	1.77E-14	1.75E-14	1.75E-14	1.75E-14	1.75E-14	2.67E-14	2.67E-14	9.86E-01	0.00E+00	4.73E+01	2.87E+02	2.22E+02	4.98E+05	3.90E-01
trans-1,3-Dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01



Table G-33: Total Waterbody COPC Concentration Used in Fish Tissue Model Calculations Based on a 16-Year ACI Operational Time Frame and 6-Year Exposure Duration

COPC	Total Waterbody COPC Concentration		Total COPC Concentration in Water Column		Dissolved Phase Water Concentration		COPC Concentration Sorbed to Bed Sediment		Fraction of Total Waterbody COPC Concentration in Water Column	Overall Total Waterbody Dissipation Rate Constant	Water Column Volatilization Rate	Overall COPC Transfer Rate Coefficient	Liquid Phase Transfer Coefficient	Gas Phase Transfer Coefficient	Benthic Burial Rate Constant
	C _{wtot}		C _{wctot}		C _{dw}		C _{sb}		f _{wc}	k _{wt}	k _v	K _v	K _L	K _G	k _b
	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	--	--	--	--	--	--	--
	g COPC/m ³ Waterbody		mg COPC/L water column		mg COPC/L water		mg COPC/kg sediment		unitless	yr ⁻¹	yr ⁻¹	m/yr	m/yr	m/yr	yr ⁻¹
1,1,1,2-Tetrachloroethane	1.65E-16	1.65E-16	1.54E-16	1.54E-16	1.54E-16	1.54E-16	1.85E-15	1.85E-15	9.24E-01	0.00E+00	4.73E+01	2.18E+02	1.69E+02	5.02E+05	3.90E-01
1,1,1-Trichloroethane	2.66E-17	2.66E-17	2.57E-17	2.57E-17	2.57E-17	2.57E-17	1.39E-16	1.39E-16	9.62E-01	0.00E+00	4.73E+01	2.35E+02	1.82E+02	5.34E+05	3.90E-01
1,1-Dichloroethene	1.81E-18	1.81E-18	1.78E-18	1.78E-18	1.78E-18	1.78E-18	4.63E-18	4.63E-18	9.79E-01	0.00E+00	4.73E+01	2.63E+02	2.03E+02	5.88E+05	3.90E-01
1,2,3,4,6,7,8-HpCDD	3.90E-15	5.73E-15	1.14E-17	1.68E-17	2.42E-19	3.55E-19	5.97E-13	8.76E-13	2.91E-03	0.00E+00	4.73E+01	1.38E+02	1.70E+02	5.90E+05	3.90E-01
1,2,3,4,6,7,8-HpCDF	3.82E-15	5.55E-15	1.19E-17	1.73E-17	9.42E-19	1.37E-18	5.84E-13	8.48E-13	3.09E-03	0.00E+00	4.73E+01	9.24E+01	1.70E+02	2.17E+05	3.90E-01
1,2,3,4,7,8,9-HpCDF	6.21E-16	8.26E-16	1.93E-18	2.57E-18	1.53E-19	2.04E-19	9.49E-14	1.26E-13	3.09E-03	0.00E+00	4.73E+01	9.20E+01	1.70E+02	2.17E+05	3.90E-01
1,2,3,4,7,8-HxCDD	5.85E-16	7.95E-16	1.74E-18	2.36E-18	5.75E-20	7.81E-20	8.95E-14	1.22E-13	2.95E-03	0.00E+00	4.73E+01	1.33E+02	1.70E+02	6.07E+05	3.90E-01
1,2,3,4,7,8-HxCDF	4.07E-15	5.48E-15	1.42E-17	1.91E-17	2.52E-18	3.40E-18	6.22E-13	8.38E-13	3.46E-03	0.00E+00	4.73E+01	9.47E+01	1.70E+02	2.23E+05	3.90E-01
1,2,3,6,7,8-HxCDD	1.15E-15	1.52E-15	4.02E-18	5.29E-18	7.15E-19	9.41E-19	1.76E-13	2.32E-13	3.46E-03	0.00E+00	4.73E+01	6.13E+01	1.70E+02	2.23E+05	3.90E-01
1,2,3,6,7,8-HxCDF	1.51E-15	2.02E-15	4.79E-18	6.42E-18	4.69E-19	6.27E-19	2.31E-13	3.09E-13	3.16E-03	0.00E+00	4.73E+01	1.35E+02	1.70E+02	6.07E+05	3.90E-01
1,2,3,7,8,9-HxCDD	1.60E-15	2.22E-15	5.07E-18	7.07E-18	4.96E-19	6.91E-19	2.44E-13	3.40E-13	3.16E-03	0.00E+00	4.73E+01	1.35E+02	1.70E+02	6.07E+05	3.90E-01
1,2,3,7,8,9-HxCDF	1.29E-16	1.62E-16	4.48E-19	5.65E-19	7.97E-20	1.00E-19	1.96E-14	2.48E-14	3.46E-03	0.00E+00	4.73E+01	8.09E+01	1.70E+02	2.23E+05	3.90E-01
1,2,3,7,8-PeCDD	1.64E-15	1.81E-15	7.02E-18	7.73E-18	2.33E-18	2.56E-18	2.50E-13	2.76E-13	4.25E-03	0.00E+00	4.73E+01	6.11E+01	1.70E+02	6.26E+05	3.90E-01
1,2,3,7,8-PeCDF	2.29E-15	2.51E-15	8.88E-18	9.72E-18	2.31E-18	2.52E-18	3.51E-13	3.84E-13	3.84E-03	0.00E+00	4.73E+01	4.71E+01	1.70E+02	2.31E+05	3.90E-01
1,2,3-Trichlorobenzene	2.00E-15	2.00E-15	1.33E-15	1.33E-15	1.33E-15	1.33E-15	1.03E-13	1.03E-13	6.62E-01	0.00E+00	4.73E+01	2.25E+02	1.98E+02	2.88E+04	3.90E-01
1,2,3-Trichloropropane	3.88E-16	3.88E-16	3.85E-16	3.85E-16	3.85E-16	3.85E-16	7.08E-16	7.08E-16	9.84E-01	0.00E+00	4.73E+01	2.14E+02	1.69E+02	5.02E+05	3.90E-01
1,2,4-Trimethylbenzene	3.04E-15	3.04E-15	2.63E-15	2.63E-15	2.63E-15	2.63E-15	6.45E-14	6.45E-14	8.58E-01	0.00E+00	4.73E+01	2.19E+02	1.69E+02	4.51E+05	3.90E-01
1,2,4-trichlorobenzene	7.36E-16	7.36E-16	5.15E-16	5.15E-16	5.14E-16	5.14E-16	3.41E-14	3.41E-14	6.95E-01	0.00E+00	4.73E+01	2.22E+02	1.74E+02	2.82E+05	3.90E-01
1,2-Dibromoethane	1.35E-16	1.35E-16	1.32E-16	1.32E-16	1.32E-16	1.32E-16	4.89E-16	4.89E-16	9.73E-01	0.00E+00	4.73E+01	2.08E+02	1.98E+02	2.88E+04	3.90E-01
1,2-Dichloroethane	1.01E-14	1.01E-14	1.00E-14	1.00E-14	1.00E-14	1.00E-14	1.53E-14	1.53E-14	9.86E-01	0.00E+00	4.73E+01	2.52E+02	1.97E+02	6.48E+05	3.90E-01
1,2-dichlorobenzene	9.29E-17	9.29E-17	8.47E-17	8.47E-17	8.47E-17	8.47E-17	1.28E-15	1.28E-15	9.06E-01	0.00E+00	4.73E+01	2.17E+02	1.69E+02	4.92E+05	3.90E-01
1,3,5-Trimethylbenzene	2.01E-15	2.01E-15	1.73E-15	1.73E-15	1.73E-15	1.73E-15	4.24E-14	4.24E-14	8.59E-01	0.00E+00	4.73E+01	2.32E+02	1.80E+02	4.49E+05	3.90E-01
1,3-Butadiene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-01	0.00E+00	4.73E+01	2.61E+02	2.02E+02	6.32E+05	3.90E-01
1,3-Dichloropropane	1.19E-16	1.19E-16	1.17E-16	1.17E-16	1.17E-16	1.17E-16	3.37E-16	3.37E-16	9.78E-01	0.00E+00	4.73E+01	2.50E+02	1.96E+02	5.15E+05	3.90E-01
1,3-dichlorobenzene	1.76E-16	1.76E-16	1.45E-16	1.45E-16	1.45E-16	1.45E-16	4.91E-15	4.91E-15	8.15E-01	0.00E+00	4.73E+01	2.17E+02	1.68E+02	4.93E+05	3.90E-01
1,4-Dioxane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	1.33E+02	2.01E+02	1.10E+06	3.90E-01
1,4-dichlorobenzene	2.66E-15	2.66E-15	2.29E-15	2.29E-15	2.29E-15	2.29E-15	5.65E-14	5.65E-14	8.58E-01	0.00E+00	4.73E+01	2.18E+02	1.69E+02	4.92E+05	3.90E-01
1-Methylnaphthalene	1.78E-13	1.78E-13	1.79E-13	1.79E-13	1.79E-13	1.79E-13	1.43E-14	1.43E-14	9.96E-01	0.00E+00	4.73E+01	2.13E+02	1.68E+02	4.11E+05	3.90E-01
1-Methylphenanthrene	3.20E-14	3.20E-14	3.21E-14	3.21E-14	3.21E-14	3.21E-14	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
2,3,4,6,7,8-HxCDF	2.18E-15	2.90E-15	7.62E-18	1.01E-17	1.35E-18	1.80E-18	3.34E-13	4.43E-13	3.46E-03	0.00E+00	4.73E+01	8.09E+01	1.70E+02	2.23E+05	3.90E-01
2,3,4,7,8-PeCDF	3.56E-15	3.98E-15	1.72E-17	1.92E-17	6.98E-18	7.79E-18	5.44E-13	6.07E-13	4.79E-03	0.00E+00	4.73E+01	4.70E+01	1.70E+02	2.31E+05	3.90E-01
2,3,5-Trimethylnaphthalene	1.56E-14	1.56E-14	1.56E-14	1.56E-14	1.56E-14	1.56E-14	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
2,3,7,8-TCDD	5.73E-16	6.03E-16	2.20E-18	2.32E-18	5.62E-19	5.92E-19	8.75E-14	9.21E-14	3.82E-03	0.00E+00	4.73E+01	1.50E+02	1.34E+02	6.48E+05	3.90E-01
2,3,7,8-TCDF	1.89E-15	1.93E-15	1.47E-17	1.49E-17	9.28E-18	9.45E-18	2.88E-13	2.93E-13	7.71E-03	0.00E+00	4.73E+01	9.02E+01	1.41E+02	2.39E+05	3.90E-01
2,4-Dimethylphenol	5.48E-13	5.48E-13	5.25E-13	5.25E-13	5.25E-13	5.25E-13	3.83E-12	3.83E-12	9.51E-01	0.00E+00	4.73E+01	2.96E+00	1.98E+02	2.88E+04	3.90E-01
2,4-Dinitrotoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-01	0.00E+00	4.73E+01	4.77E+00	1.57E+02	1.01E+06	3.90E-01
2,6-Dimethylnaphthalene	4.15E-14	4.16E-14	4.16E-14	4.17E-14	4.16E-14	4.17E-14	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
2,6-Dinitrotoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.83E-01	0.00E+00	4.73E+01	1.12E+00	1.98E+02	2.88E+04	3.90E-01
2-Butanone	1.90E-12	1.90E-12	1.90E-12	1.90E-12	1.90E-12	1.90E-12	1.52E-13	1.52E-13	9.96E-01	0.00E+00	4.73E+01	2.18E+02	1.95E+02	5.47E+05	3.90E-01
2-Chlorophenol	3.85E-14	3.85E-14	3.50E-14	3.50E-14	3.50E-14	3.50E-14	5.44E-13	5.44E-13	9.04E-01	0.00E+00	4.73E+01	1.78E+02	1.98E+02	2.88E+04	3.90E-01
2-Chlorotoluene	1.62E-15	1.62E-15	1.48E-15	1.48E-15	1.48E-15	1.48E-15	2.26E-14	2.26E-14	9.05E-01	0.00E+00	4.73E+01	2.33E+02	1.81E+02	4.62E+05	3.90E-01
2-Hexanone	2.06E-13	2.06E-13	2.06E-13	2.06E-13	2.06E-13	2.06E-13	1.23E-13	1.23E-13	9.92E-01	0.00E+00	4.73E+01	2.09E+02	1.77E+02	4.99E+05	3.90E-01
2-Methylnaphthalene	1.73E-13	1.73E-13	1.74E-13	1.74E-13	1.74E-13	1.74E-13	1.39E-14	1.39E-14	9.96E-01	0.00E+00	4.73E+01	2.12E+02	1.67E+02	4.09E+05	3.90E-01
2-Methylphenol	2.09E-11	2.09E-11	2.05E-11	2.05E-11	2.05E-11	2.05E-11	6.78E-11	6.78E-11	9.75E-01	0.00E+00	4.73E+01	2.82E+01	1.75E+02	5.16E+05	3.90E-01
2-Nitrophenol	1.67E-13	1.67E-13	1.65E-13	1.65E-13	1.65E-13	1.65E-13	3.80E-13	3.80E-13	9.81E-01	0.00E+00	4.73E+01	1.35E+01	1.98E+02	2.88E+04	3.90E-01
3-Methylphenol & 4-Methylphenol	8.13E-13	8.14E-13	8.15E-13	8.16E-13	8.15E-13	8.16E-13	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
4-Nitrophenol	2.75E-13	2.75E-13	2.71E-13	2.71E-13	2.71E-13	2.71E-13	8.18E-13	8.18E-13	9.77E-01	0.00E+00	4.73E+01	6.22E-04	1.98E+02	2.88E+04	3.90E-01



Table G-33: Total Waterbody COPC Concentration Used in Fish Tissue Model Calculations Based on a 16-Year ACI Operational Time Frame and 6-Year Exposure Duration

COPC	Total Waterbody COPC Concentration		Total COPC Concentration in Water Column		Dissolved Phase Water Concentration		COPC Concentration Sorbed to Bed Sediment		Fraction of Total Waterbody COPC Concentration in Water Column	Overall Total Waterbody Dissipation Rate Constant	Water Column Volatilization Rate	Overall COPC Transfer Rate Coefficient	Liquid Phase Transfer Coefficient	Gas Phase Transfer Coefficient	Benthic Burial Rate Constant
	C_{wtot}		C_{wctot}		C_{dw}		C_{sb}		f_{wc}	k_{wt}	k_v	K_v	K_L	K_G	k_b
	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	--	--	--	--	--	--	--
	g COPC/m ³ Waterbody		mg COPC/L water column		mg COPC/L water		mg COPC/kg sediment		unitless	yr ⁻¹	yr ⁻¹	m/yr	m/yr	m/yr	yr ⁻¹
Acenaphthylene	1.46E-13	1.46E-13	1.46E-13	1.47E-13	1.46E-13	1.47E-13	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Acenaphthene	9.45E-14	9.45E-14	4.16E-14	4.16E-14	4.15E-14	4.15E-14	8.13E-12	8.13E-12	4.38E-01	0.00E+00	4.73E+01	1.24E+02	1.98E+02	2.88E+04	3.90E-01
Acetaldehyde	7.12E-11	7.12E-11	7.14E-11	7.14E-11	7.14E-11	7.14E-11	1.43E-12	1.43E-12	9.96E-01	0.00E+00	4.73E+01	2.91E+02	2.49E+02	7.29E+05	3.90E-01
Acetophenone	2.06E-11	2.06E-11	2.05E-11	2.05E-11	2.05E-11	2.05E-11	2.93E-11	2.93E-11	9.87E-01	0.00E+00	4.73E+01	1.21E+02	1.81E+02	4.48E+05	3.90E-01
Aluminum	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Anthracene	7.30E-13	7.30E-13	1.04E-13	1.04E-13	1.02E-13	1.02E-13	9.61E-11	9.61E-11	1.42E-01	0.00E+00	4.73E+01	7.06E+01	1.98E+02	2.88E+04	3.90E-01
Antimony	1.25E-15	1.25E-15	9.69E-16	9.69E-16	9.68E-16	9.68E-16	4.36E-14	4.36E-14	7.70E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Arsenic	2.09E-14	2.09E-14	1.76E-14	1.76E-14	1.76E-14	1.76E-14	5.10E-13	5.10E-13	8.37E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Barium	9.02E-12	1.14E-11	7.13E-12	8.98E-12	7.13E-12	8.98E-12	2.92E-10	3.68E-10	7.86E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Benzene	5.96E-13	5.96E-13	5.88E-13	5.88E-13	5.88E-13	5.88E-13	1.45E-12	1.45E-12	9.80E-01	0.00E+00	4.73E+01	2.59E+02	2.01E+02	5.79E+05	3.90E-01
Benzo(a)anthracene	2.87E-11	2.88E-11	3.85E-13	3.86E-13	3.03E-13	3.04E-13	4.34E-09	4.35E-09	1.33E-02	0.00E+00	4.73E+01	5.47E+01	1.84E+02	4.02E+05	3.90E-01
Benzo(a)pyrene	1.44E-11	1.44E-11	9.75E-14	9.77E-14	5.64E-14	5.66E-14	2.19E-09	2.19E-09	6.74E-03	0.00E+00	4.73E+01	1.89E+01	1.84E+02	3.58E+05	3.90E-01
Benzo(b)fluoranthene	2.72E-12	2.73E-12	1.77E-14	1.77E-14	9.90E-15	9.91E-15	4.15E-10	4.15E-10	6.45E-03	0.00E+00	4.73E+01	1.01E+02	1.98E+02	2.88E+04	3.90E-01
Benzo(e)pyrene	7.92E-15	7.93E-15	7.94E-15	7.95E-15	7.94E-15	7.95E-15	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Benzo(g,h,i)perylene	5.98E-15	5.99E-15	5.99E-15	6.00E-15	5.99E-15	6.00E-15	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Benzo(k)fluoranthene	2.23E-14	2.67E-14	1.49E-16	1.79E-16	8.55E-17	1.03E-16	3.39E-12	4.07E-12	6.65E-03	0.00E+00	4.73E+01	1.24E+00	1.98E+02	2.88E+04	3.90E-01
Benzoic acid	1.23E-11	1.23E-11	1.23E-11	1.23E-11	1.23E-11	1.23E-11	2.96E-13	2.96E-13	9.96E-01	0.00E+00	4.73E+01	4.22E+00	1.70E+02	2.88E+04	3.90E-01
Benzyl alcohol	7.65E-14	7.65E-14	7.65E-14	7.65E-14	7.65E-14	7.65E-14	3.67E-14	3.67E-14	9.93E-01	0.00E+00	4.73E+01	5.04E-01	1.98E+02	2.88E+04	3.90E-01
Beryllium	8.12E-15	8.12E-15	1.33E-15	1.33E-15	1.32E-15	1.32E-15	1.04E-12	1.04E-12	1.63E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Biphenyl	6.00E-13	6.00E-13	6.01E-13	6.01E-13	6.01E-13	6.01E-13	1.20E-13	1.20E-13	9.95E-01	0.00E+00	4.73E+01	2.05E+02	1.64E+02	3.81E+05	3.90E-01
Bromobenzene	2.63E-14	2.63E-14	2.49E-14	2.49E-14	2.48E-14	2.48E-14	2.33E-13	2.33E-13	9.39E-01	0.00E+00	4.73E+01	2.43E+02	1.89E+02	4.16E+05	3.90E-01
Bromochloromethane	1.20E-16	1.20E-16	1.19E-16	1.19E-16	1.19E-16	1.19E-16	1.05E-16	1.05E-16	9.90E-01	0.00E+00	4.73E+01	2.90E+02	2.26E+02	5.37E+05	3.90E-01
Bromodichloromethane	9.46E-17	9.46E-17	9.35E-17	9.35E-17	9.35E-17	9.35E-17	2.07E-16	2.07E-16	9.82E-01	0.00E+00	4.73E+01	2.31E+02	1.98E+02	2.88E+04	3.90E-01
Bromoform	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-01	0.00E+00	4.73E+01	2.61E+02	2.02E+02	1.76E+05	3.90E-01
Bromomethane	2.00E-15	2.00E-15	2.00E-15	2.00E-15	2.00E-15	2.00E-15	7.20E-16	7.20E-16	9.94E-01	0.00E+00	4.73E+01	2.90E+02	2.25E+02	5.10E+05	3.90E-01
Butyl benzyl phthalate	6.01E-13	6.01E-13	1.33E-13	1.33E-13	1.31E-13	1.31E-13	7.19E-11	7.19E-11	2.19E-01	0.00E+00	4.73E+01	1.93E+00	1.98E+02	2.88E+04	3.90E-01
Cadmium	3.37E-14	3.37E-14	2.27E-14	2.27E-14	2.26E-14	2.26E-14	1.70E-12	1.70E-12	6.69E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Carbazole	1.83E-15	1.83E-15	1.83E-15	1.84E-15	1.83E-15	1.84E-15	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Carbon dioxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Carbon disulfide	3.18E-16	3.18E-16	3.13E-16	3.13E-16	3.13E-16	3.13E-16	8.30E-16	8.30E-16	9.79E-01	0.00E+00	4.73E+01	2.56E+02	1.98E+02	6.48E+05	3.90E-01
Carbon monoxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Carbon tetrachloride	1.20E-17	1.20E-17	1.16E-17	1.16E-17	1.16E-17	1.16E-17	7.05E-17	7.05E-17	9.58E-01	0.00E+00	4.73E+01	2.35E+02	1.82E+02	5.34E+05	3.90E-01
Chlordecone (Kepone)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-01	0.00E+00	4.73E+01	5.91E-01	1.23E+02	2.12E+05	3.90E-01
Chlorobenzene	4.26E-15	4.26E-15	4.04E-15	4.04E-15	4.04E-15	4.04E-15	3.62E-14	3.62E-14	9.41E-01	0.00E+00	4.73E+01	2.32E+02	1.80E+02	5.11E+05	3.90E-01
Chlorodibromomethane	4.39E-15	4.39E-15	4.32E-15	4.32E-15	4.32E-15	4.32E-15	1.21E-14	1.21E-14	9.78E-01	0.00E+00	4.73E+01	2.10E+02	1.98E+02	2.88E+04	3.90E-01
Chloroethane	3.80E-15	3.80E-15	3.79E-15	3.79E-15	3.79E-15	3.79E-15	2.35E-15	2.35E-15	9.92E-01	0.00E+00	4.73E+01	2.81E+02	2.17E+02	1.23E+06	3.90E-01
Chloroform	1.01E-15	1.01E-15	1.00E-15	1.00E-15	1.00E-15	1.00E-15	2.10E-15	2.10E-15	9.83E-01	0.00E+00	4.73E+01	2.55E+02	1.98E+02	6.48E+05	3.90E-01
Chloromethane	7.63E-15	7.63E-15	7.64E-15	7.64E-15	7.64E-15	7.64E-15	1.91E-15	1.91E-15	9.94E-01	0.00E+00	4.73E+01	1.92E+02	1.48E+02	7.37E+05	3.90E-01
Chromium	3.18E-13	3.79E-13	2.84E-13	3.38E-13	2.84E-13	3.38E-13	5.40E-12	6.41E-12	8.86E-01	0.00E+00	4.73E+01	3.22E+02	2.49E+02	7.39E+05	3.90E-01
Chrysene	5.51E-12	5.61E-12	6.77E-14	6.90E-14	5.20E-14	5.30E-14	8.35E-10	8.51E-10	1.22E-02	0.00E+00	4.73E+01	9.15E+01	1.98E+02	2.88E+04	3.90E-01
Cobalt	6.77E-13	8.57E-13	6.79E-13	8.60E-13	6.79E-13	8.60E-13	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Copper	8.31E-13	1.04E-12	8.33E-13	1.04E-12	8.33E-13	1.04E-12	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
DDD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-03	0.00E+00	4.73E+01	1.16E+01	1.98E+02	2.88E+04	3.90E-01
DDE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-02	0.00E+00	4.73E+01	2.80E+01	1.98E+02	2.88E+04	3.90E-01
Di-n-butyl phthalate	3.23E-12	3.23E-12	2.30E-12	2.30E-12	2.30E-12	2.30E-12	1.44E-10	1.44E-10	7.06E-01	0.00E+00	4.73E+01	2.94E+01	1.68E+02	3.63E+05	3.90E-01
Di-n-octyl phthalate	1.62E-12	1.62E-12	4.72E-15	4.72E-15	6.76E-17	6.76E-17	2.48E-10	2.48E-10	2.89E-03	0.00E+00	4.73E+01	7.21E+01	1.98E+02	2.88E+04	3.90E-01
Dibenzo(a,h)anthracene	3.46E-13	3.76E-13	1.73E-15	1.88E-15	7.37E-16	8.01E-16	5.28E-11	5.73E-11	4.96E-03	0.00E+00	4.73E+01	2.25E-02	1.98E+02	2.88E+04	3.90E-01



Table G-33: Total Waterbody COPC Concentration Used in Fish Tissue Model Calculations Based on a 16-Year ACI Operational Time Frame and 6-Year Exposure Duration

COPC	Total Waterbody COPC Concentration		Total COPC Concentration in Water Column		Dissolved Phase Water Concentration		COPC Concentration Sorbed to Bed Sediment		Fraction of Total Waterbody COPC Concentration in Water Column	Overall Total Waterbody Dissipation Rate Constant	Water Column Volatilization Rate	Overall COPC Transfer Rate Coefficient	Liquid Phase Transfer Coefficient	Gas Phase Transfer Coefficient	Benthic Burial Rate Constant
	C_{wtot}		C_{wctot}		C_{dw}		C_{sb}		f_{wc}	k_{wt}	k_v	K_v	K_L	K_G	k_b
	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	--	--	--	--	--	--	--
	g COPC/m ³ Waterbody		mg COPC/L water column		mg COPC/L water		mg COPC/kg sediment		unitless	yr ⁻¹	yr ⁻¹	m/yr	m/yr	m/yr	yr ⁻¹
Dibenzofuran	5.22E-14	5.22E-14	5.22E-14	5.22E-14	5.22E-14	5.22E-14	1.88E-14	1.88E-14	9.94E-01	0.00E+00	4.73E+01	2.01E+02	1.61E+02	4.73E+05	3.90E-01
Dibromomethane	3.45E-16	3.45E-16	3.43E-16	3.43E-16	3.43E-16	3.43E-16	4.36E-16	4.36E-16	9.88E-01	0.00E+00	4.73E+01	2.14E+02	1.98E+02	2.88E+04	3.90E-01
Dichlorobiphenyl	6.58E-14	6.58E-14	8.22E-16	8.22E-16	6.35E-16	6.35E-16	9.96E-12	9.97E-12	1.24E-02	0.00E+00	4.73E+01	1.57E+02	1.98E+02	2.88E+04	3.90E-01
Dichlorodifluoromethane	1.28E-18	1.28E-18	1.26E-18	1.26E-18	1.26E-18	1.26E-18	3.10E-18	3.10E-18	9.80E-01	0.00E+00	4.73E+01	2.56E+02	1.98E+02	2.88E+04	3.90E-01
Dieldrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-01	0.00E+00	4.73E+01	2.07E+01	1.98E+02	2.88E+04	3.90E-01
Dimethyl phthalate	5.05E-14	5.05E-14	5.02E-14	5.02E-14	5.02E-14	5.02E-14	6.88E-14	6.88E-14	9.87E-01	0.00E+00	4.73E+01	2.33E+00	1.45E+02	4.32E+05	3.90E-01
Ethylbenzene	7.94E-14	7.94E-14	7.56E-14	7.56E-14	7.56E-14	7.56E-14	6.17E-13	6.17E-13	9.46E-01	0.00E+00	4.73E+01	2.16E+02	1.68E+02	5.20E+05	3.90E-01
Fluoranthene	2.11E-12	2.11E-12	1.58E-13	1.58E-13	1.52E-13	1.52E-13	2.99E-10	2.99E-10	7.44E-02	0.00E+00	4.73E+01	2.19E+01	1.98E+02	2.88E+04	3.90E-01
Fluorene	9.59E-13	9.59E-13	3.20E-13	3.20E-13	3.18E-13	3.18E-13	9.82E-11	9.82E-11	3.32E-01	0.00E+00	4.73E+01	6.98E+01	1.98E+02	2.88E+04	3.90E-01
Formaldehyde	3.52E-10	3.52E-10	3.53E-10	3.53E-10	3.53E-10	3.53E-10	3.18E-11	3.18E-11	9.95E-01	0.00E+00	4.73E+01	1.56E+01	3.13E+02	9.28E+05	3.90E-01
Heptachlorobiphenyl	2.45E-15	2.47E-15	1.08E-17	1.09E-17	3.82E-18	3.84E-18	3.75E-13	3.77E-13	4.39E-03	0.00E+00	4.73E+01	1.60E+02	1.98E+02	2.88E+04	3.90E-01
Hexachlorobiphenyl	9.92E-15	9.98E-15	4.38E-17	4.41E-17	1.54E-17	1.55E-17	1.52E-12	1.52E-12	4.39E-03	0.00E+00	4.73E+01	1.60E+02	1.98E+02	2.88E+04	3.90E-01
Hexachlorobutadiene	2.04E-14	2.04E-14	6.88E-15	6.88E-15	6.84E-15	6.84E-15	2.07E-12	2.07E-12	3.35E-01	0.00E+00	4.73E+01	1.85E+02	1.43E+02	4.28E+05	3.90E-01
Hydrogen Chloride	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	2.56E+02	1.98E+02	2.88E+04	3.90E-01
Hydrogen cyanide	5.91E-12	5.91E-12	5.93E-12	5.93E-12	5.93E-12	5.93E-12	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	3.42E+02	2.80E+02	8.93E+05	3.90E-01
Hydrogen sulfide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	4.37E+02	3.39E+02	9.63E+05	3.90E-01
Indeno(1,2,3-cd)pyrene	1.20E-12	1.28E-12	4.94E-15	5.27E-15	1.50E-15	1.59E-15	1.84E-10	1.96E-10	4.08E-03	0.00E+00	4.73E+01	2.38E+00	1.98E+02	2.88E+04	3.90E-01
Iron	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Isopropanol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	1.37E+02	2.14E+02	6.45E+05	3.90E-01
Isopropylbenzene	4.32E-17	4.32E-17	3.42E-17	3.42E-17	3.42E-17	3.42E-17	1.39E-15	1.39E-15	7.87E-01	0.00E+00	4.73E+01	2.03E+02	1.57E+02	4.73E+05	3.90E-01
Lead	1.30E-12	1.30E-12	1.91E-13	1.91E-13	1.89E-13	1.89E-13	1.70E-10	1.70E-10	1.46E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Manganese	2.48E-13	2.49E-13	2.49E-13	2.50E-13	2.49E-13	2.50E-13	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Mercury (+2)	5.15E-15	6.89E-15	3.14E-17	4.20E-17	1.34E-17	1.79E-17	7.85E-13	1.05E-12	6.06E-03	0.00E+00	4.73E+01	1.37E-02	1.28E+02	3.71E+05	3.90E-01
Mercury, elemental	2.64E-15	2.64E-15	1.30E-16	1.30E-16	0.00E+00	0.00E+00	3.85E-13	3.85E-13	4.88E-02	0.00E+00	4.73E+01	5.30E+02	4.14E+02	1.43E+05	3.90E-01
Methyl Isobutyl Ketone	3.55E-15	3.55E-15	3.54E-15	3.54E-15	3.54E-15	3.54E-15	2.16E-15	2.16E-15	9.92E-01	0.00E+00	4.73E+01	2.05E+02	1.68E+02	5.20E+05	3.90E-01
Methyl Mercury	1.16E-15	1.17E-15	1.08E-16	1.09E-16	2.36E-18	3.15E-18	1.61E-13	1.63E-13	9.22E-02	0.00E+00	4.73E+01	9.53E+00	1.42E+02	4.11E+05	3.90E-01
Methylene chloride	3.19E-14	3.19E-14	3.19E-14	3.19E-14	3.19E-14	3.19E-14	1.28E-14	1.28E-14	9.93E-01	0.00E+00	4.73E+01	2.83E+02	2.20E+02	6.35E+05	3.90E-01
Monochlorobiphenyl	4.60E-13	4.60E-13	5.75E-15	5.75E-15	4.44E-15	4.45E-15	6.97E-11	6.97E-11	1.24E-02	0.00E+00	4.73E+01	1.57E+02	1.98E+02	2.88E+04	3.90E-01
NOx (Oxides of Nitrogen)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Naphthalene	1.30E-12	1.30E-12	9.95E-13	9.95E-13	9.94E-13	9.94E-13	4.73E-11	4.73E-11	7.60E-01	0.00E+00	4.73E+01	2.07E+02	1.63E+02	4.43E+05	3.90E-01
Nickel	1.49E-13	1.49E-13	1.05E-13	1.05E-13	1.05E-13	1.05E-13	6.82E-12	6.82E-12	6.99E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Nonachlorobiphenyl	3.06E-16	3.08E-16	1.35E-18	1.36E-18	4.76E-19	4.80E-19	4.67E-14	4.71E-14	4.39E-03	0.00E+00	4.73E+01	1.60E+02	1.98E+02	2.88E+04	3.90E-01
OCDD	2.62E-15	3.85E-15	7.60E-18	1.12E-17	1.02E-19	1.51E-19	4.00E-13	5.88E-13	2.89E-03	0.00E+00	4.73E+01	1.05E+02	1.70E+02	5.74E+05	3.90E-01
OCDF	9.70E-16	1.43E-15	2.84E-18	4.20E-18	6.01E-20	8.88E-20	1.48E-13	2.19E-13	2.91E-03	0.00E+00	4.73E+01	1.89E+01	1.70E+02	2.11E+05	3.90E-01
Octachlorobiphenyl	7.28E-16	7.33E-16	3.22E-18	3.24E-18	1.13E-18	1.14E-18	1.11E-13	1.12E-13	4.39E-03	0.00E+00	4.73E+01	1.60E+02	1.98E+02	2.88E+04	3.90E-01
PM<10	1.22E-09	1.22E-09	1.22E-09	1.23E-09	1.22E-09	1.23E-09	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
PM<2.5	1.02E-09	1.02E-09	1.02E-09	1.02E-09	1.02E-09	1.02E-09	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Total Suspended Particulate	9.49E-10	9.50E-10	9.51E-10	9.53E-10	9.51E-10	9.53E-10	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Pentachlorobiphenyl	3.30E-14	3.33E-14	1.46E-16	1.47E-16	5.14E-17	5.17E-17	5.05E-12	5.08E-12	4.39E-03	0.00E+00	4.73E+01	1.60E+02	1.98E+02	2.88E+04	3.90E-01
Perylene	3.48E-15	3.48E-15	3.49E-15	3.49E-15	3.49E-15	3.49E-15	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Phenanthrene	5.56E-12	5.56E-12	7.15E-13	7.15E-13	7.01E-13	7.01E-13	7.44E-10	7.44E-10	1.28E-01	0.00E+00	4.73E+01	3.04E+01	1.98E+02	2.88E+04	3.90E-01
Phenol	1.28E-10	1.28E-10	1.27E-10	1.27E-10	1.27E-10	1.27E-10	1.53E-10	1.53E-10	9.88E-01	0.00E+00	4.73E+01	1.10E+01	1.86E+02	5.52E+05	3.90E-01
Phosphorus	8.53E-13	8.53E-13	8.55E-13	8.55E-13	8.55E-13	8.55E-13	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	5.04E+02	3.92E+02	1.07E+06	3.90E-01
Propionaldehyde	9.28E-13	9.28E-13	9.30E-13	9.30E-13	9.30E-13	9.30E-13	3.72E-14	3.72E-14	9.96E-01	0.00E+00	4.73E+01	2.62E+02	2.26E+02	6.74E+05	3.90E-01
Pyrene	2.84E-12	2.84E-12	1.59E-13	1.59E-13	1.51E-13	1.51E-13	4.11E-10	4.12E-10	5.56E-02	0.00E+00	4.73E+01	1.55E+01	1.98E+02	2.88E+04	3.90E-01
Pyridine	5.96E-12	5.96E-12	5.97E-12	5.97E-12	5.97E-12	5.97E-12	1.01E-12	1.01E-12	9.95E-01	0.00E+00	4.73E+01	1.20E+02	1.65E+02	5.92E+05	3.90E-01
Selenium	5.43E-15	5.43E-15	5.27E-15	5.27E-15	5.27E-15	5.27E-15	2.63E-14	2.63E-14	9.65E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01



Table G-33: Total Waterbody COPC Concentration Used in Fish Tissue Model Calculations Based on a 16-Year ACI Operational Time Frame and 6-Year Exposure Duration

COPC	Total Waterbody COPC Concentration		Total COPC Concentration in Water Column		Dissolved Phase Water Concentration		COPC Concentration Sorbed to Bed Sediment		Fraction of Total Waterbody COPC Concentration in Water Column	Overall Total Waterbody Dissipation Rate Constant	Water Column Volatilization Rate	Overall COPC Transfer Rate Coefficient	Liquid Phase Transfer Coefficient	Gas Phase Transfer Coefficient	Benthic Burial Rate Constant
	C_{wtot}		C_{wctot}		C_{dw}		C_{sb}		f_{wc}	k_{wt}	k_v	K_v	K_L	K_G	k_b
	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	--	--	--	--	--	--	--
	g COPC/m ³ Waterbody		mg COPC/L water column		mg COPC/L water		mg COPC/kg sediment		unitless	yr ⁻¹	yr ⁻¹	m/yr	m/yr	m/yr	yr ⁻¹
Silver	5.63E-15	6.17E-15	5.36E-15	5.87E-15	5.36E-15	5.87E-15	4.45E-14	4.87E-14	9.45E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Styrene	7.00E-13	7.00E-13	5.66E-13	5.66E-13	5.66E-13	5.66E-13	2.06E-11	2.06E-11	8.04E-01	0.00E+00	4.73E+01	2.20E+02	1.70E+02	5.02E+05	3.90E-01
Sulfur Dioxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Tetrachlorobiphenyl	1.96E-14	1.96E-14	2.45E-16	2.45E-16	1.89E-16	1.89E-16	2.97E-12	2.97E-12	1.24E-02	0.00E+00	4.73E+01	1.57E+02	1.98E+02	2.88E+04	3.90E-01
Tetrachloroethene	2.09E-17	2.09E-17	1.96E-17	1.96E-17	1.96E-17	1.96E-17	2.08E-16	2.08E-16	9.32E-01	0.00E+00	4.73E+01	2.24E+02	1.73E+02	5.06E+05	3.90E-01
Thallium (Soluble Salts)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Titanium	2.54E-15	2.54E-15	2.54E-15	2.55E-15	2.54E-15	2.55E-15	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Toluene	1.67E-13	1.67E-13	1.62E-13	1.62E-13	1.62E-13	1.62E-13	9.06E-13	9.06E-13	9.61E-01	0.00E+00	4.73E+01	2.31E+02	1.79E+02	5.75E+05	3.90E-01
Total Reduced Sulfur	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Trichlorobiphenyl	2.56E-14	2.56E-14	3.20E-16	3.20E-16	2.47E-16	2.48E-16	3.88E-12	3.88E-12	1.24E-02	0.00E+00	4.73E+01	1.57E+02	1.98E+02	2.88E+04	3.90E-01
Trichloroethene	1.21E-18	1.21E-18	1.18E-18	1.18E-18	1.18E-18	1.18E-18	4.47E-18	4.47E-18	9.72E-01	0.00E+00	4.73E+01	2.40E+02	1.86E+02	5.39E+05	3.90E-01
Trichlorofluoromethane	1.58E-18	1.58E-18	1.53E-18	1.53E-18	1.53E-18	1.53E-18	7.01E-18	7.01E-18	9.67E-01	0.00E+00	4.73E+01	2.51E+02	1.94E+02	5.75E+05	3.90E-01
Vinyl chloride	4.95E-16	4.95E-16	4.94E-16	4.94E-16	4.94E-16	4.94E-16	3.06E-16	3.06E-16	9.92E-01	0.00E+00	4.73E+01	2.94E+02	2.27E+02	6.56E+05	3.90E-01
Zinc	6.85E-12	6.85E-12	4.89E-12	4.89E-12	4.89E-12	4.89E-12	3.03E-10	3.03E-10	7.09E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
bis(2-Ethylhexyl) phthalate	1.87E-10	1.87E-10	6.73E-12	6.73E-12	6.21E-12	6.21E-12	2.76E-08	2.76E-08	3.58E-02	0.00E+00	4.73E+01	1.61E+00	1.01E+02	3.13E+05	3.90E-01
cis-1,2-Dichloroethene	1.63E-15	1.63E-15	1.62E-15	1.62E-15	1.62E-15	1.62E-15	2.47E-15	2.47E-15	9.86E-01	0.00E+00	4.73E+01	2.46E+02	1.98E+02	2.88E+04	3.90E-01
cis-1,3-Dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
m&p-Xylene	1.26E-14	1.26E-14	1.18E-14	1.18E-14	1.18E-14	1.18E-14	1.14E-13	1.14E-13	9.37E-01	0.00E+00	4.73E+01	1.34E+02	1.78E+02	1.18E+03	3.90E-01
n-Butylbenzene	1.13E-15	1.13E-15	1.13E-15	1.13E-15	1.13E-15	1.13E-15	4.54E-17	4.54E-17	9.96E-01	0.00E+00	4.73E+01	2.08E+02	1.61E+02	4.11E+05	3.90E-01
n-Propylbenzene	2.88E-15	2.88E-15	2.38E-15	2.38E-15	2.38E-15	2.38E-15	7.73E-14	7.73E-14	8.22E-01	0.00E+00	4.73E+01	2.17E+02	1.68E+02	4.49E+05	3.90E-01
o-Xylene	1.49E-14	1.49E-14	1.40E-14	1.40E-14	1.40E-14	1.40E-14	1.35E-13	1.35E-13	9.37E-01	0.00E+00	4.73E+01	2.55E+02	1.98E+02	5.75E+05	3.90E-01
p-Chloroaniline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.80E-01	0.00E+00	4.73E+01	1.73E+00	1.98E+02	2.88E+04	3.90E-01
p-Chlorotoluene	3.63E-16	3.63E-16	3.32E-16	3.32E-16	3.31E-16	3.31E-16	4.97E-15	4.97E-15	9.07E-01	0.00E+00	4.73E+01	2.32E+02	1.80E+02	4.61E+05	3.90E-01
p-Isopropyltoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
sec-Butylbenzene	1.91E-16	1.91E-16	1.91E-16	1.91E-16	1.91E-16	1.91E-16	7.66E-18	7.66E-18	9.96E-01	0.00E+00	4.73E+01	2.08E+02	1.61E+02	4.11E+05	3.90E-01
tert-Butylbenzene	4.89E-15	4.89E-15	4.90E-15	4.90E-15	4.90E-15	4.90E-15	1.96E-16	1.96E-16	9.96E-01	0.00E+00	4.73E+01	2.08E+02	1.61E+02	4.12E+05	3.90E-01
trans-1,2-Dichloroethene	1.77E-14	1.77E-14	1.75E-14	1.75E-14	1.75E-14	1.75E-14	2.67E-14	2.67E-14	9.86E-01	0.00E+00	4.73E+01	2.87E+02	2.22E+02	4.98E+05	3.90E-01
trans-1,3-Dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01



Table G-34: Total Waterbody COPC Concentration Used in Fish Tissue Model Calculations Based on a 16-Year ACI Operational Time Frame and 25-Year Exposure Duration

COPC	Total Waterbody COPC Concentration		Total COPC Concentration in Water Column		Dissolved Phase Water Concentration		COPC Concentration Sorbed to Bed Sediment		Fraction of Total Waterbody COPC Concentration in Water Column	Overall Total Waterbody Dissipation Rate Constant	Water Column Volatilization Rate	Overall COPC Transfer Rate Coefficient	Liquid Phase Transfer Coefficient	Gas Phase Transfer Coefficient	Benthic Burial Rate Constant
	C _{wtot}		C _{wctot}		C _{dw}		C _{sb}		f _{wc}	k _{wt}	k _v	K _v	K _L	K _G	k _b
	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	--	--	--	--	--	--	--
	g COPC/m ³ Waterbody		mg COPC/L water column		mg COPC/L water		mg COPC/kg sediment		unitless	yr ⁻¹	yr ⁻¹	m/yr	m/yr	m/yr	yr ⁻¹
1,1,1,2-Tetrachloroethane	1.65E-16	1.65E-16	1.54E-16	1.54E-16	1.54E-16	1.54E-16	1.85E-15	1.85E-15	9.24E-01	0.00E+00	4.73E+01	2.18E+02	1.69E+02	5.02E+05	3.90E-01
1,1,1-Trichloroethane	2.66E-17	2.66E-17	2.57E-17	2.57E-17	2.57E-17	2.57E-17	1.39E-16	1.39E-16	9.62E-01	0.00E+00	4.73E+01	2.35E+02	1.82E+02	5.34E+05	3.90E-01
1,1-Dichloroethene	1.81E-18	1.81E-18	1.78E-18	1.78E-18	1.78E-18	1.78E-18	4.63E-18	4.63E-18	9.79E-01	0.00E+00	4.73E+01	2.63E+02	2.03E+02	5.88E+05	3.90E-01
1,2,3,4,6,7,8-HpCDD	1.76E-15	5.73E-15	5.14E-18	1.68E-17	1.09E-19	3.55E-19	2.69E-13	8.76E-13	2.91E-03	0.00E+00	4.73E+01	1.38E+02	1.70E+02	5.90E+05	3.90E-01
1,2,3,4,6,7,8-HpCDF	1.79E-15	5.55E-15	5.57E-18	1.73E-17	4.41E-19	1.37E-18	2.73E-13	8.48E-13	3.09E-03	0.00E+00	4.73E+01	9.24E+01	1.70E+02	2.17E+05	3.90E-01
1,2,3,4,7,8,9-HpCDF	3.79E-16	8.26E-16	1.18E-18	2.57E-18	9.36E-20	2.04E-19	5.80E-14	1.26E-13	3.09E-03	0.00E+00	4.73E+01	9.20E+01	1.70E+02	2.17E+05	3.90E-01
1,2,3,4,7,8-HxCDD	3.39E-16	7.95E-16	1.01E-18	2.36E-18	3.33E-20	7.81E-20	5.19E-14	1.22E-13	2.95E-03	0.00E+00	4.73E+01	1.33E+02	1.70E+02	6.07E+05	3.90E-01
1,2,3,4,7,8-HxCDF	2.41E-15	5.48E-15	8.39E-18	1.91E-17	1.49E-18	3.40E-18	3.68E-13	8.38E-13	3.46E-03	0.00E+00	4.73E+01	9.47E+01	1.70E+02	2.23E+05	3.90E-01
1,2,3,6,7,8-HxCDD	7.26E-16	1.52E-15	2.53E-18	5.29E-18	4.50E-19	9.41E-19	1.11E-13	2.32E-13	3.46E-03	0.00E+00	4.73E+01	6.13E+01	1.70E+02	2.23E+05	3.90E-01
1,2,3,6,7,8-HxCDF	9.07E-16	2.02E-15	2.88E-18	6.42E-18	2.82E-19	6.27E-19	1.39E-13	3.09E-13	3.16E-03	0.00E+00	4.73E+01	1.35E+02	1.70E+02	6.07E+05	3.90E-01
1,2,3,7,8,9-HxCDD	8.58E-16	2.22E-15	2.73E-18	7.07E-18	2.66E-19	6.91E-19	1.31E-13	3.40E-13	3.16E-03	0.00E+00	4.73E+01	1.35E+02	1.70E+02	6.07E+05	3.90E-01
1,2,3,7,8,9-HxCDF	8.91E-17	1.62E-16	3.11E-19	5.65E-19	5.53E-20	1.00E-19	1.36E-14	2.48E-14	3.46E-03	0.00E+00	4.73E+01	8.09E+01	1.70E+02	2.23E+05	3.90E-01
1,2,3,7,8-PeCDD	1.44E-15	1.81E-15	6.19E-18	7.73E-18	2.05E-18	2.56E-18	2.21E-13	2.76E-13	4.25E-03	0.00E+00	4.73E+01	6.11E+01	1.70E+02	6.26E+05	3.90E-01
1,2,3,7,8-PeCDF	2.04E-15	2.51E-15	7.90E-18	9.72E-18	2.05E-18	2.52E-18	3.12E-13	3.84E-13	3.84E-03	0.00E+00	4.73E+01	4.71E+01	1.70E+02	2.31E+05	3.90E-01
1,2,3-Trichlorobenzene	2.00E-15	2.00E-15	1.33E-15	1.33E-15	1.33E-15	1.33E-15	1.03E-13	1.03E-13	6.62E-01	0.00E+00	4.73E+01	2.25E+02	1.98E+02	2.88E+04	3.90E-01
1,2,3-Trichloropropane	3.88E-16	3.88E-16	3.85E-16	3.85E-16	3.85E-16	3.85E-16	7.08E-16	7.08E-16	9.84E-01	0.00E+00	4.73E+01	2.14E+02	1.69E+02	5.02E+05	3.90E-01
1,2,4-Trimethylbenzene	3.04E-15	3.04E-15	2.63E-15	2.63E-15	2.63E-15	2.63E-15	6.45E-14	6.45E-14	8.58E-01	0.00E+00	4.73E+01	2.19E+02	1.69E+02	4.51E+05	3.90E-01
1,2,4-trichlorobenzene	7.36E-16	7.36E-16	5.15E-16	5.15E-16	5.14E-16	5.14E-16	3.41E-14	3.41E-14	6.95E-01	0.00E+00	4.73E+01	2.22E+02	1.74E+02	2.82E+05	3.90E-01
1,2-Dibromoethane	1.35E-16	1.35E-16	1.32E-16	1.32E-16	1.32E-16	1.32E-16	4.89E-16	4.89E-16	9.73E-01	0.00E+00	4.73E+01	2.08E+02	1.98E+02	2.88E+04	3.90E-01
1,2-Dichloroethane	1.01E-14	1.01E-14	1.00E-14	1.00E-14	1.00E-14	1.00E-14	1.53E-14	1.53E-14	9.86E-01	0.00E+00	4.73E+01	2.52E+02	1.97E+02	6.48E+05	3.90E-01
1,2-dichlorobenzene	9.29E-17	9.29E-17	8.47E-17	8.47E-17	8.47E-17	8.47E-17	1.28E-15	1.28E-15	9.06E-01	0.00E+00	4.73E+01	2.17E+02	1.69E+02	4.92E+05	3.90E-01
1,3,5-Trimethylbenzene	2.01E-15	2.01E-15	1.73E-15	1.73E-15	1.73E-15	1.73E-15	4.24E-14	4.24E-14	8.59E-01	0.00E+00	4.73E+01	2.32E+02	1.80E+02	4.49E+05	3.90E-01
1,3-Butadiene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-01	0.00E+00	4.73E+01	2.61E+02	2.02E+02	6.32E+05	3.90E-01
1,3-Dichloropropane	1.19E-16	1.19E-16	1.17E-16	1.17E-16	1.17E-16	1.17E-16	3.37E-16	3.37E-16	9.78E-01	0.00E+00	4.73E+01	2.50E+02	1.96E+02	5.15E+05	3.90E-01
1,3-dichlorobenzene	1.76E-16	1.76E-16	1.45E-16	1.45E-16	1.45E-16	1.45E-16	4.91E-15	4.91E-15	8.15E-01	0.00E+00	4.73E+01	2.17E+02	1.68E+02	4.93E+05	3.90E-01
1,4-Dioxane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	1.33E+02	2.01E+02	1.10E+06	3.90E-01
1,4-dichlorobenzene	2.66E-15	2.66E-15	2.29E-15	2.29E-15	2.29E-15	2.29E-15	5.65E-14	5.65E-14	8.58E-01	0.00E+00	4.73E+01	2.18E+02	1.69E+02	4.92E+05	3.90E-01
1-Methylnaphthalene	1.59E-11	1.78E-13	1.59E-11	1.79E-13	1.59E-11	1.79E-13	1.28E-12	1.43E-14	9.96E-01	0.00E+00	4.73E+01	2.13E+02	1.68E+02	4.11E+05	3.90E-01
1-Methylphenanthrene	2.17E-12	3.20E-14	2.18E-12	3.21E-14	2.18E-12	3.21E-14	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
2,3,4,6,7,8-HxCDF	1.35E-15	2.90E-15	4.70E-18	1.01E-17	8.36E-19	1.80E-18	2.06E-13	4.43E-13	3.46E-03	0.00E+00	4.73E+01	8.09E+01	1.70E+02	2.23E+05	3.90E-01
2,3,4,7,8-PeCDF	3.08E-15	3.98E-15	1.48E-17	1.92E-17	6.02E-18	7.79E-18	4.70E-13	6.07E-13	4.79E-03	0.00E+00	4.73E+01	4.70E+01	1.70E+02	2.31E+05	3.90E-01
2,3,5-Trimethylnaphthalene	1.06E-12	1.56E-14	1.06E-12	1.56E-14	1.06E-12	1.56E-14	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
2,3,7,8-TCDD	5.37E-16	6.03E-16	2.06E-18	2.32E-18	5.27E-19	5.92E-19	8.20E-14	9.21E-14	3.82E-03	0.00E+00	4.73E+01	1.50E+02	1.34E+02	6.48E+05	3.90E-01
2,3,7,8-TCDF	1.85E-15	1.93E-15	1.44E-17	1.49E-17	9.08E-18	9.45E-18	2.82E-13	2.93E-13	7.71E-03	0.00E+00	4.73E+01	9.02E+01	1.41E+02	2.39E+05	3.90E-01
2,4-Dimethylphenol	5.48E-13	5.48E-13	5.25E-13	5.25E-13	5.25E-13	5.25E-13	3.83E-12	3.83E-12	9.51E-01	0.00E+00	4.73E+01	2.96E+00	1.98E+02	2.88E+04	3.90E-01
2,4-Dinitrotoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-01	0.00E+00	4.73E+01	4.77E+00	1.57E+02	1.01E+06	3.90E-01
2,6-Dimethylnaphthalene	2.82E-12	4.16E-14	2.83E-12	4.17E-14	2.83E-12	4.17E-14	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
2,6-Dinitrotoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.83E-01	0.00E+00	4.73E+01	1.12E+00	1.98E+02	2.88E+04	3.90E-01
2-Butanone	1.90E-12	1.90E-12	1.90E-12	1.90E-12	1.90E-12	1.90E-12	1.52E-13	1.52E-13	9.96E-01	0.00E+00	4.73E+01	2.18E+02	1.95E+02	5.47E+05	3.90E-01
2-Chlorophenol	3.85E-14	3.85E-14	3.50E-14	3.50E-14	3.50E-14	3.50E-14	5.44E-13	5.44E-13	9.04E-01	0.00E+00	4.73E+01	1.78E+02	1.98E+02	2.88E+04	3.90E-01
2-Chlorotoluene	1.62E-15	1.62E-15	1.48E-15	1.48E-15	1.48E-15	1.48E-15	2.26E-14	2.26E-14	9.05E-01	0.00E+00	4.73E+01	2.33E+02	1.81E+02	4.62E+05	3.90E-01
2-Hexanone	2.06E-13	2.06E-13	2.06E-13	2.06E-13	2.06E-13	2.06E-13	1.23E-13	1.23E-13	9.92E-01	0.00E+00	4.73E+01	2.09E+02	1.77E+02	4.99E+05	3.90E-01
2-Methylnaphthalene	1.54E-11	1.73E-13	1.55E-11	1.74E-13	1.55E-11	1.74E-13	1.24E-12	1.39E-14	9.96E-01	0.00E+00	4.73E+01	2.12E+02	1.67E+02	4.09E+05	3.90E-01
2-Methylphenol	2.09E-11	2.09E-11	2.05E-11	2.05E-11	2.05E-11	2.05E-11	6.78E-11	6.78E-11	9.75E-01	0.00E+00	4.73E+01	2.82E+01	1.75E+02	5.16E+05	3.90E-01
2-Nitrophenol	1.67E-13	1.67E-13	1.65E-13	1.65E-13	1.65E-13	1.65E-13	3.80E-13	3.80E-13	9.81E-01	0.00E+00	4.73E+01	1.35E+01	1.98E+02	2.88E+04	3.90E-01
3-Methylphenol & 4-Methylphenol	5.51E-11	8.14E-13	5.53E-11	8.16E-13	5.53E-11	8.16E-13	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
4-Nitrophenol	2.75E-13	2.75E-13	2.71E-13	2.71E-13	2.71E-13	2.71E-13	8.18E-13	8.18E-13	9.77E-01	0.00E+00	4.73E+01	6.22E-04	1.98E+02	2.88E+04	3.90E-01



Table G-34: Total Waterbody COPC Concentration Used in Fish Tissue Model Calculations Based on a 16-Year ACI Operational Time Frame and 25-Year Exposure Duration

COPC	Total Waterbody COPC Concentration		Total COPC Concentration in Water Column		Dissolved Phase Water Concentration		COPC Concentration Sorbed to Bed Sediment		Fraction of Total Waterbody COPC Concentration in Water Column	Overall Total Waterbody Dissipation Rate Constant	Water Column Volatilization Rate	Overall COPC Transfer Rate Coefficient	Liquid Phase Transfer Coefficient	Gas Phase Transfer Coefficient	Benthic Burial Rate Constant
	C_{wtot}		C_{wctot}		C_{dw}		C_{sb}		f_{wc}	k_{wt}	k_v	K_v	K_L	K_G	k_b
	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	--	--	--	--	--	--	--
	g COPC/m ³ Waterbody		mg COPC/L water column		mg COPC/L water		mg COPC/kg sediment		unitless	yr ⁻¹	yr ⁻¹	m/yr	m/yr	m/yr	yr ⁻¹
Acenaphthylene	1.03E-11	1.46E-13	1.04E-11	1.47E-13	1.04E-11	1.47E-13	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Acenaphthene	9.45E-14	9.45E-14	4.16E-14	4.16E-14	4.15E-14	4.15E-14	8.13E-12	8.13E-12	4.38E-01	0.00E+00	4.73E+01	1.24E+02	1.98E+02	2.88E+04	3.90E-01
Acetaldehyde	7.12E-11	7.12E-11	7.14E-11	7.14E-11	7.14E-11	7.14E-11	1.43E-12	1.43E-12	9.96E-01	0.00E+00	4.73E+01	2.91E+02	2.49E+02	7.29E+05	3.90E-01
Acetophenone	2.06E-11	2.06E-11	2.05E-11	2.05E-11	2.05E-11	2.05E-11	2.93E-11	2.93E-11	9.87E-01	0.00E+00	4.73E+01	1.21E+02	1.81E+02	4.48E+05	3.90E-01
Aluminum	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Anthracene	7.30E-13	7.30E-13	1.04E-13	1.04E-13	1.02E-13	1.02E-13	9.61E-11	9.61E-11	1.42E-01	0.00E+00	4.73E+01	7.06E+01	1.98E+02	2.88E+04	3.90E-01
Antimony	1.25E-15	1.25E-15	9.69E-16	9.69E-16	9.68E-16	9.68E-16	4.36E-14	4.36E-14	7.70E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Arsenic	5.21E-14	2.09E-14	4.39E-14	1.76E-14	4.39E-14	1.76E-14	1.27E-12	5.10E-13	8.37E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Barium	5.92E-12	1.14E-11	4.68E-12	8.98E-12	4.68E-12	8.98E-12	1.92E-10	3.68E-10	7.86E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Benzene	5.96E-13	5.96E-13	5.88E-13	5.88E-13	5.88E-13	5.88E-13	1.45E-12	1.45E-12	9.80E-01	0.00E+00	4.73E+01	2.59E+02	2.01E+02	5.79E+05	3.90E-01
Benzo(a)anthracene	2.95E-11	2.88E-11	3.96E-13	3.86E-13	3.12E-13	3.04E-13	4.47E-09	4.35E-09	1.33E-02	0.00E+00	4.73E+01	5.47E+01	1.84E+02	4.02E+05	3.90E-01
Benzo(a)pyrene	1.57E-11	1.44E-11	1.06E-13	9.77E-14	6.15E-14	5.66E-14	2.39E-09	2.19E-09	6.74E-03	0.00E+00	4.73E+01	1.89E+01	1.84E+02	3.58E+05	3.90E-01
Benzo(b)fluoranthene	2.78E-12	2.73E-12	1.80E-14	1.77E-14	1.01E-14	9.91E-15	4.23E-10	4.15E-10	6.45E-03	0.00E+00	4.73E+01	1.01E+02	1.98E+02	2.88E+04	3.90E-01
Benzo(e)pyrene	5.61E-13	7.93E-15	5.62E-13	7.95E-15	5.62E-13	7.95E-15	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Benzo(g,h,i)perylene	4.23E-13	5.99E-15	4.25E-13	6.00E-15	4.25E-13	6.00E-15	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Benzo(k)fluoranthene	1.40E-14	2.67E-14	9.36E-17	1.79E-16	5.36E-17	1.03E-16	2.13E-12	4.07E-12	6.65E-03	0.00E+00	4.73E+01	1.24E+00	1.98E+02	2.88E+04	3.90E-01
Benzoic acid	1.23E-11	1.23E-11	1.23E-11	1.23E-11	1.23E-11	1.23E-11	2.96E-13	2.96E-13	9.96E-01	0.00E+00	4.73E+01	4.22E+00	1.70E+02	2.88E+04	3.90E-01
Benzyl alcohol	7.65E-14	7.65E-14	7.65E-14	7.65E-14	7.65E-14	7.65E-14	3.67E-14	3.67E-14	9.93E-01	0.00E+00	4.73E+01	5.04E-01	1.98E+02	2.88E+04	3.90E-01
Beryllium	1.67E-14	8.12E-15	2.73E-15	1.33E-15	2.71E-15	1.32E-15	2.14E-12	1.04E-12	1.63E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Biphenyl	4.51E-11	6.00E-13	4.52E-11	6.01E-13	4.52E-11	6.01E-13	9.04E-12	1.20E-13	9.95E-01	0.00E+00	4.73E+01	2.05E+02	1.64E+02	3.81E+05	3.90E-01
Bromobenzene	2.63E-14	2.63E-14	2.49E-14	2.49E-14	2.48E-14	2.48E-14	2.33E-13	2.33E-13	9.39E-01	0.00E+00	4.73E+01	2.43E+02	1.89E+02	4.16E+05	3.90E-01
Bromochloromethane	1.20E-16	1.20E-16	1.19E-16	1.19E-16	1.19E-16	1.19E-16	1.05E-16	1.05E-16	9.90E-01	0.00E+00	4.73E+01	2.90E+02	2.26E+02	5.37E+05	3.90E-01
Bromodichloromethane	9.46E-17	9.46E-17	9.35E-17	9.35E-17	9.35E-17	9.35E-17	2.07E-16	2.07E-16	9.82E-01	0.00E+00	4.73E+01	2.31E+02	1.98E+02	2.88E+04	3.90E-01
Bromoform	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-01	0.00E+00	4.73E+01	2.61E+02	2.02E+02	1.76E+05	3.90E-01
Bromomethane	2.00E-15	2.00E-15	2.00E-15	2.00E-15	2.00E-15	2.00E-15	7.20E-16	7.20E-16	9.94E-01	0.00E+00	4.73E+01	2.90E+02	2.25E+02	5.10E+05	3.90E-01
Butyl benzyl phthalate	6.24E-13	6.01E-13	1.38E-13	1.33E-13	1.36E-13	1.31E-13	7.46E-11	7.19E-11	2.19E-01	0.00E+00	4.73E+01	1.93E+00	1.98E+02	2.88E+04	3.90E-01
Cadmium	7.46E-14	3.37E-14	5.02E-14	2.27E-14	5.02E-14	2.26E-14	3.76E-12	1.70E-12	6.69E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Carbazole	1.24E-13	1.83E-15	1.24E-13	1.84E-15	1.24E-13	1.84E-15	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Carbon dioxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Carbon disulfide	3.18E-16	3.18E-16	3.13E-16	3.13E-16	3.13E-16	3.13E-16	8.30E-16	8.30E-16	9.79E-01	0.00E+00	4.73E+01	2.56E+02	1.98E+02	6.48E+05	3.90E-01
Carbon monoxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Carbon tetrachloride	1.20E-17	1.20E-17	1.16E-17	1.16E-17	1.16E-17	1.16E-17	7.05E-17	7.05E-17	9.58E-01	0.00E+00	4.73E+01	2.35E+02	1.82E+02	5.34E+05	3.90E-01
Chlordecone (Kepone)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-01	0.00E+00	4.73E+01	5.91E-01	1.23E+02	2.12E+05	3.90E-01
Chlorobenzene	4.26E-15	4.26E-15	4.04E-15	4.04E-15	4.04E-15	4.04E-15	3.62E-14	3.62E-14	9.41E-01	0.00E+00	4.73E+01	2.32E+02	1.80E+02	5.11E+05	3.90E-01
Chlorodibromomethane	4.39E-15	4.39E-15	4.32E-15	4.32E-15	4.32E-15	4.32E-15	1.21E-14	1.21E-14	9.78E-01	0.00E+00	4.73E+01	2.10E+02	1.98E+02	2.88E+04	3.90E-01
Chloroethane	3.80E-15	3.80E-15	3.79E-15	3.79E-15	3.79E-15	3.79E-15	2.35E-15	2.35E-15	9.92E-01	0.00E+00	4.73E+01	2.81E+02	2.17E+02	1.23E+06	3.90E-01
Chloroform	1.01E-15	1.01E-15	1.00E-15	1.00E-15	1.00E-15	1.00E-15	2.10E-15	2.10E-15	9.83E-01	0.00E+00	4.73E+01	2.55E+02	1.98E+02	6.48E+05	3.90E-01
Chloromethane	7.63E-15	7.63E-15	7.64E-15	7.64E-15	7.64E-15	7.64E-15	1.91E-15	1.91E-15	9.94E-01	0.00E+00	4.73E+01	1.92E+02	1.48E+02	7.37E+05	3.90E-01
Chromium	2.10E-13	3.79E-13	1.87E-13	3.38E-13	1.87E-13	3.38E-13	3.56E-12	6.41E-12	8.86E-01	0.00E+00	4.73E+01	3.22E+02	2.49E+02	7.39E+05	3.90E-01
Chrysene	5.26E-12	5.61E-12	6.47E-14	6.90E-14	4.97E-14	5.30E-14	7.98E-10	8.51E-10	1.22E-02	0.00E+00	4.73E+01	9.15E+01	1.98E+02	2.88E+04	3.90E-01
Cobalt	4.44E-13	8.57E-13	4.45E-13	8.60E-13	4.45E-13	8.60E-13	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Copper	5.45E-13	1.04E-12	5.47E-13	1.04E-12	5.47E-13	1.04E-12	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
DDD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-03	0.00E+00	4.73E+01	1.16E+01	1.98E+02	2.88E+04	3.90E-01
DDE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-02	0.00E+00	4.73E+01	2.80E+01	1.98E+02	2.88E+04	3.90E-01
Di-n-butyl phthalate	3.23E-12	3.23E-12	2.30E-12	2.30E-12	2.30E-12	2.30E-12	1.44E-10	1.44E-10	7.06E-01	0.00E+00	4.73E+01	2.94E+01	1.68E+02	3.63E+05	3.90E-01
Di-n-octyl phthalate	2.36E-12	1.62E-12	6.88E-15	4.72E-15	9.85E-17	6.76E-17	3.61E-10	2.48E-10	2.89E-03	0.00E+00	4.73E+01	7.21E+01	1.98E+02	2.88E+04	3.90E-01
Dibenzo(a,h)anthracene	3.50E-13	3.76E-13	1.75E-15	1.88E-15	7.45E-16	8.01E-16	5.34E-11	5.73E-11	4.96E-03	0.00E+00	4.73E+01	2.25E-02	1.98E+02	2.88E+04	3.90E-01



Table G-34: Total Waterbody COPC Concentration Used in Fish Tissue Model Calculations Based on a 16-Year ACI Operational Time Frame and 25-Year Exposure Duration

COPC	Total Waterbody COPC Concentration		Total COPC Concentration in Water Column		Dissolved Phase Water Concentration		COPC Concentration Sorbed to Bed Sediment		Fraction of Total Waterbody COPC Concentration in Water Column	Overall Total Waterbody Dissipation Rate Constant	Water Column Volatilization Rate	Overall COPC Transfer Rate Coefficient	Liquid Phase Transfer Coefficient	Gas Phase Transfer Coefficient	Benthic Burial Rate Constant
	C_{wtot}		C_{wctot}		C_{dw}		C_{sb}		f_{wc}	k_{wt}	k_v	K_v	K_L	K_G	k_b
	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	--	--	--	--	--	--	--
	g COPC/m ³ Waterbody		mg COPC/L water column		mg COPC/L water		mg COPC/kg sediment		unitless	yr ⁻¹	yr ⁻¹	m/yr	m/yr	m/yr	yr ⁻¹
Dibenzofuran	3.26E-12	5.22E-14	3.26E-12	5.22E-14	3.26E-12	5.22E-14	1.17E-12	1.88E-14	9.94E-01	0.00E+00	4.73E+01	2.01E+02	1.61E+02	4.73E+05	3.90E-01
Dibromomethane	3.45E-16	3.45E-16	3.43E-16	3.43E-16	3.43E-16	3.43E-16	4.36E-16	4.36E-16	9.88E-01	0.00E+00	4.73E+01	2.14E+02	1.98E+02	2.88E+04	3.90E-01
Dichlorobiphenyl	6.57E-14	6.58E-14	8.21E-16	8.22E-16	6.34E-16	6.35E-16	9.95E-12	9.97E-12	1.24E-02	0.00E+00	4.73E+01	1.57E+02	1.98E+02	2.88E+04	3.90E-01
Dichlorodifluoromethane	1.28E-18	1.28E-18	1.26E-18	1.26E-18	1.26E-18	1.26E-18	3.10E-18	3.10E-18	9.80E-01	0.00E+00	4.73E+01	2.56E+02	1.98E+02	2.88E+04	3.90E-01
Dieldrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-01	0.00E+00	4.73E+01	2.07E+01	1.98E+02	2.88E+04	3.90E-01
Dimethyl phthalate	5.05E-14	5.05E-14	5.02E-14	5.02E-14	5.02E-14	5.02E-14	6.88E-14	6.88E-14	9.87E-01	0.00E+00	4.73E+01	2.33E+00	1.45E+02	4.32E+05	3.90E-01
Ethylbenzene	7.94E-14	7.94E-14	7.56E-14	7.56E-14	7.56E-14	7.56E-14	6.17E-13	6.17E-13	9.46E-01	0.00E+00	4.73E+01	2.16E+02	1.68E+02	5.20E+05	3.90E-01
Fluoranthene	2.12E-12	2.11E-12	1.59E-13	1.58E-13	1.53E-13	1.52E-13	3.01E-10	2.99E-10	7.44E-02	0.00E+00	4.73E+01	2.19E+01	1.98E+02	2.88E+04	3.90E-01
Fluorene	9.59E-13	9.59E-13	3.20E-13	3.20E-13	3.18E-13	3.18E-13	9.82E-11	9.82E-11	3.32E-01	0.00E+00	4.73E+01	6.98E+01	1.98E+02	2.88E+04	3.90E-01
Formaldehyde	3.52E-10	3.52E-10	3.53E-10	3.53E-10	3.53E-10	3.53E-10	3.18E-11	3.18E-11	9.95E-01	0.00E+00	4.73E+01	1.56E+01	3.13E+02	9.28E+05	3.90E-01
Heptachlorobiphenyl	2.44E-15	2.47E-15	1.08E-17	1.09E-17	3.79E-18	3.84E-18	3.72E-13	3.77E-13	4.39E-03	0.00E+00	4.73E+01	1.60E+02	1.98E+02	2.88E+04	3.90E-01
Hexachlorobiphenyl	9.85E-15	9.98E-15	4.35E-17	4.41E-17	1.53E-17	1.55E-17	1.50E-12	1.52E-12	4.39E-03	0.00E+00	4.73E+01	1.60E+02	1.98E+02	2.88E+04	3.90E-01
Hexachlorobutadiene	2.04E-14	2.04E-14	6.88E-15	6.88E-15	6.84E-15	6.84E-15	2.07E-12	2.07E-12	3.35E-01	0.00E+00	4.73E+01	1.85E+02	1.43E+02	4.28E+05	3.90E-01
Hydrogen Chloride	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	2.56E+02	1.98E+02	2.88E+04	3.90E-01
Hydrogen cyanide	5.91E-12	5.91E-12	5.93E-12	5.93E-12	5.93E-12	5.93E-12	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	3.42E+02	2.80E+02	8.93E+05	3.90E-01
Hydrogen sulfide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	4.37E+02	3.39E+02	9.63E+05	3.90E-01
Indeno(1,2,3-cd)pyrene	2.13E-12	1.28E-12	8.74E-15	5.27E-15	2.64E-15	1.59E-15	3.25E-10	1.96E-10	4.08E-03	0.00E+00	4.73E+01	2.38E+00	1.98E+02	2.88E+04	3.90E-01
Iron	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Isopropanol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	1.37E+02	2.14E+02	6.45E+05	3.90E-01
Isopropylbenzene	4.32E-17	4.32E-17	3.42E-17	3.42E-17	3.42E-17	3.42E-17	1.39E-15	1.39E-15	7.87E-01	0.00E+00	4.73E+01	2.03E+02	1.57E+02	4.73E+05	3.90E-01
Lead	2.67E-12	1.30E-12	3.92E-13	1.91E-13	3.88E-13	1.89E-13	3.49E-10	1.70E-10	1.46E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Manganese	1.69E-11	2.49E-13	1.69E-11	2.50E-13	1.69E-11	2.50E-13	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Mercury (+2)	3.41E-15	6.89E-15	2.08E-17	4.20E-17	8.85E-18	1.79E-17	5.20E-13	1.05E-12	6.06E-03	0.00E+00	4.73E+01	1.37E-02	1.28E+02	3.71E+05	3.90E-01
Mercury, elemental	2.64E-15	2.64E-15	1.30E-16	1.30E-16	0.00E+00	0.00E+00	3.85E-13	3.85E-13	4.88E-02	0.00E+00	4.73E+01	5.30E+02	4.14E+02	1.43E+05	3.90E-01
Methyl Isobutyl Ketone	3.55E-15	3.55E-15	3.54E-15	3.54E-15	3.54E-15	3.54E-15	2.16E-15	2.16E-15	9.92E-01	0.00E+00	4.73E+01	2.05E+02	1.68E+02	5.20E+05	3.90E-01
Methyl Mercury	1.15E-15	1.17E-15	1.06E-16	1.09E-16	1.56E-18	3.15E-18	1.60E-13	1.63E-13	9.22E-02	0.00E+00	4.73E+01	9.53E+00	1.42E+02	4.11E+05	3.90E-01
Methylene chloride	3.19E-14	3.19E-14	3.19E-14	3.19E-14	3.19E-14	3.19E-14	1.28E-14	1.28E-14	9.93E-01	0.00E+00	4.73E+01	2.83E+02	2.20E+02	6.35E+05	3.90E-01
Monochlorobiphenyl	4.60E-13	4.60E-13	5.74E-15	5.75E-15	4.44E-15	4.45E-15	6.96E-11	6.97E-11	1.24E-02	0.00E+00	4.73E+01	1.57E+02	1.98E+02	2.88E+04	3.90E-01
NOx (Oxides of Nitrogen)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Naphthalene	1.30E-12	1.30E-12	9.95E-13	9.95E-13	9.94E-13	9.94E-13	4.73E-11	4.73E-11	7.60E-01	0.00E+00	4.73E+01	2.07E+02	1.63E+02	4.43E+05	3.90E-01
Nickel	3.35E-13	1.49E-13	2.35E-13	1.05E-13	2.35E-13	1.05E-13	1.53E-11	6.82E-12	6.99E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Nonachlorobiphenyl	3.03E-16	3.08E-16	1.34E-18	1.36E-18	4.72E-19	4.80E-19	4.63E-14	4.71E-14	4.39E-03	0.00E+00	4.73E+01	1.60E+02	1.98E+02	2.88E+04	3.90E-01
OCDD	1.17E-15	3.85E-15	3.40E-18	1.12E-17	4.58E-20	1.51E-19	1.79E-13	5.88E-13	2.89E-03	0.00E+00	4.73E+01	1.05E+02	1.70E+02	5.74E+05	3.90E-01
OCDF	4.27E-16	1.43E-15	1.25E-18	4.20E-18	2.65E-20	8.88E-20	6.53E-14	2.19E-13	2.91E-03	0.00E+00	4.73E+01	1.89E+01	1.70E+02	2.11E+05	3.90E-01
Octachlorobiphenyl	7.23E-16	7.33E-16	3.20E-18	3.24E-18	1.13E-18	1.14E-18	1.10E-13	1.12E-13	4.39E-03	0.00E+00	4.73E+01	1.60E+02	1.98E+02	2.88E+04	3.90E-01
PM<10	8.29E-08	1.22E-09	8.31E-08	1.23E-09	8.31E-08	1.23E-09	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
PM<2.5	6.91E-08	1.02E-09	6.93E-08	1.02E-09	6.93E-08	1.02E-09	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Total Suspended Particulate	6.44E-08	9.50E-10	6.45E-08	9.53E-10	6.45E-08	9.53E-10	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Pentachlorobiphenyl	3.28E-14	3.33E-14	1.45E-16	1.47E-16	5.10E-17	5.17E-17	5.01E-12	5.08E-12	4.39E-03	0.00E+00	4.73E+01	1.60E+02	1.98E+02	2.88E+04	3.90E-01
Perylene	2.46E-13	3.48E-15	2.47E-13	3.49E-15	2.47E-13	3.49E-15	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Phenanthrene	5.56E-12	5.56E-12	7.15E-13	7.15E-13	7.01E-13	7.01E-13	7.44E-10	7.44E-10	1.28E-01	0.00E+00	4.73E+01	3.04E+01	1.98E+02	2.88E+04	3.90E-01
Phenol	1.28E-10	1.28E-10	1.27E-10	1.27E-10	1.27E-10	1.27E-10	1.53E-10	1.53E-10	9.88E-01	0.00E+00	4.73E+01	1.10E+01	1.86E+02	5.52E+05	3.90E-01
Phosphorus	4.86E-12	8.53E-13	4.88E-12	8.55E-13	4.88E-12	8.55E-13	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	5.04E+02	3.92E+02	1.07E+06	3.90E-01
Propionaldehyde	8.83E-11	9.28E-13	8.85E-11	9.30E-13	8.85E-11	9.30E-13	3.54E-12	3.72E-14	9.96E-01	0.00E+00	4.73E+01	2.62E+02	2.26E+02	6.74E+05	3.90E-01
Pyrene	2.83E-12	2.84E-12	1.59E-13	1.59E-13	1.51E-13	1.51E-13	4.11E-10	4.12E-10	5.56E-02	0.00E+00	4.73E+01	1.55E+01	1.98E+02	2.88E+04	3.90E-01
Pyridine	5.96E-12	5.96E-12	5.97E-12	5.97E-12	5.97E-12	5.97E-12	1.01E-12	1.01E-12	9.95E-01	0.00E+00	4.73E+01	1.20E+02	1.65E+02	5.92E+05	3.90E-01
Selenium	2.51E-14	5.43E-15	2.44E-14	5.27E-15	2.44E-14	5.27E-15	1.22E-13	2.63E-14	9.65E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01



Table G-34: Total Waterbody COPC Concentration Used in Fish Tissue Model Calculations Based on a 16-Year ACI Operational Time Frame and 25-Year Exposure Duration

COPC	Total Waterbody COPC Concentration		Total COPC Concentration in Water Column		Dissolved Phase Water Concentration		COPC Concentration Sorbed to Bed Sediment		Fraction of Total Waterbody COPC Concentration in Water Column	Overall Total Waterbody Dissipation Rate Constant	Water Column Volatilization Rate	Overall COPC Transfer Rate Coefficient	Liquid Phase Transfer Coefficient	Gas Phase Transfer Coefficient	Benthic Burial Rate Constant
	C_{wtot}		C_{wctot}		C_{dw}		C_{sb}		f_{wc}	k_{wt}	k_v	K_v	K_L	K_G	k_b
	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	--	--	--	--	--	--	--
	g COPC/m ³ Waterbody		mg COPC/L water column		mg COPC/L water		mg COPC/kg sediment		unitless	yr ⁻¹	yr ⁻¹	m/yr	m/yr	m/yr	yr ⁻¹
Silver	4.81E-15	6.17E-15	4.58E-15	5.87E-15	4.58E-15	5.87E-15	3.80E-14	4.87E-14	9.45E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Styrene	7.00E-13	7.00E-13	5.66E-13	5.66E-13	5.66E-13	5.66E-13	2.06E-11	2.06E-11	8.04E-01	0.00E+00	4.73E+01	2.20E+02	1.70E+02	5.02E+05	3.90E-01
Sulfur Dioxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Tetrachlorobiphenyl	1.96E-14	1.96E-14	2.44E-16	2.45E-16	1.89E-16	1.89E-16	2.96E-12	2.97E-12	1.24E-02	0.00E+00	4.73E+01	1.57E+02	1.98E+02	2.88E+04	3.90E-01
Tetrachloroethene	2.09E-17	2.09E-17	1.96E-17	1.96E-17	1.96E-17	1.96E-17	2.08E-16	2.08E-16	9.32E-01	0.00E+00	4.73E+01	2.24E+02	1.73E+02	5.06E+05	3.90E-01
Thallium (Soluble Salts)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Titanium	1.72E-13	2.54E-15	1.73E-13	2.55E-15	1.73E-13	2.55E-15	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Toluene	1.67E-13	1.67E-13	1.62E-13	1.62E-13	1.62E-13	1.62E-13	9.06E-13	9.06E-13	9.61E-01	0.00E+00	4.73E+01	2.31E+02	1.79E+02	5.75E+05	3.90E-01
Total Reduced Sulfur	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Trichlorobiphenyl	2.56E-14	2.56E-14	3.20E-16	3.20E-16	2.47E-16	2.48E-16	3.88E-12	3.88E-12	1.24E-02	0.00E+00	4.73E+01	1.57E+02	1.98E+02	2.88E+04	3.90E-01
Trichloroethene	1.21E-18	1.21E-18	1.18E-18	1.18E-18	1.18E-18	1.18E-18	4.47E-18	4.47E-18	9.72E-01	0.00E+00	4.73E+01	2.40E+02	1.86E+02	5.39E+05	3.90E-01
Trichlorofluoromethane	1.58E-18	1.58E-18	1.53E-18	1.53E-18	1.53E-18	1.53E-18	7.01E-18	7.01E-18	9.67E-01	0.00E+00	4.73E+01	2.51E+02	1.94E+02	5.75E+05	3.90E-01
Vinyl chloride	4.95E-16	4.95E-16	4.94E-16	4.94E-16	4.94E-16	4.94E-16	3.06E-16	3.06E-16	9.92E-01	0.00E+00	4.73E+01	2.94E+02	2.27E+02	6.56E+05	3.90E-01
Zinc	1.54E-11	6.85E-12	1.10E-11	4.89E-12	1.10E-11	4.89E-12	6.82E-10	3.03E-10	7.09E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
bis(2-Ethylhexyl) phthalate	2.66E-10	1.87E-10	9.61E-12	6.73E-12	8.87E-12	6.21E-12	3.94E-08	2.76E-08	3.58E-02	0.00E+00	4.73E+01	1.61E+00	1.01E+02	3.13E+05	3.90E-01
cis-1,2-Dichloroethene	1.63E-15	1.63E-15	1.62E-15	1.62E-15	1.62E-15	1.62E-15	2.47E-15	2.47E-15	9.86E-01	0.00E+00	4.73E+01	2.46E+02	1.98E+02	2.88E+04	3.90E-01
cis-1,3-Dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
m&p-Xylene	1.26E-14	1.26E-14	1.18E-14	1.18E-14	1.18E-14	1.18E-14	1.14E-13	1.14E-13	9.37E-01	0.00E+00	4.73E+01	1.34E+02	1.78E+02	1.18E+03	3.90E-01
n-Butylbenzene	1.13E-15	1.13E-15	1.13E-15	1.13E-15	1.13E-15	1.13E-15	4.54E-17	4.54E-17	9.96E-01	0.00E+00	4.73E+01	2.08E+02	1.61E+02	4.11E+05	3.90E-01
n-Propylbenzene	2.88E-15	2.88E-15	2.38E-15	2.38E-15	2.38E-15	2.38E-15	7.73E-14	7.73E-14	8.22E-01	0.00E+00	4.73E+01	2.17E+02	1.68E+02	4.49E+05	3.90E-01
o-Xylene	1.49E-14	1.49E-14	1.40E-14	1.40E-14	1.40E-14	1.40E-14	1.35E-13	1.35E-13	9.37E-01	0.00E+00	4.73E+01	2.55E+02	1.98E+02	5.75E+05	3.90E-01
p-Chloroaniline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.80E-01	0.00E+00	4.73E+01	1.73E+00	1.98E+02	2.88E+04	3.90E-01
p-Chlorotoluene	3.63E-16	3.63E-16	3.32E-16	3.32E-16	3.31E-16	3.31E-16	4.97E-15	4.97E-15	9.07E-01	0.00E+00	4.73E+01	2.32E+02	1.80E+02	4.61E+05	3.90E-01
p-Isopropyltoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
sec-Butylbenzene	1.91E-16	1.91E-16	1.91E-16	1.91E-16	1.91E-16	1.91E-16	7.66E-18	7.66E-18	9.96E-01	0.00E+00	4.73E+01	2.08E+02	1.61E+02	4.11E+05	3.90E-01
tert-Butylbenzene	4.89E-15	4.89E-15	4.90E-15	4.90E-15	4.90E-15	4.90E-15	1.96E-16	1.96E-16	9.96E-01	0.00E+00	4.73E+01	2.08E+02	1.61E+02	4.12E+05	3.90E-01
trans-1,2-Dichloroethene	1.77E-14	1.77E-14	1.75E-14	1.75E-14	1.75E-14	1.75E-14	2.67E-14	2.67E-14	9.86E-01	0.00E+00	4.73E+01	2.87E+02	2.22E+02	4.98E+05	3.90E-01
trans-1,3-Dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01



Table G-35: Total Waterbody COPC Concentration Used in Fish Tissue Model Calculations Based on a 30-Year ACI Operational Time Frame and 1-Year Exposure Duration

COPC	Total Waterbody COPC Concentration		Total COPC Concentration in Water Column		Dissolved Phase Water Concentration		COPC Concentration Sorbed to Bed Sediment		Fraction of Total Waterbody COPC Concentration in Water Column	Overall Total Waterbody Dissipation Rate Constant	Water Column Volatilization Rate	Overall COPC Transfer Rate Coefficient	Liquid Phase Transfer Coefficient	Gas Phase Transfer Coefficient	Benthic Burial Rate Constant
	C_{wtot}		C_{wctot}		C_{dw}		C_{sb}		f_{wc}	k_{wt}	k_v	K_v	K_L	K_G	k_b
	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	--	--	--	--	--	--	--
	g COPC/m ³ Waterbody		mg COPC/L water column		mg COPC/L water		mg COPC/kg sediment		unitless	yr ⁻¹	yr ⁻¹	m/yr	m/yr	m/yr	yr ⁻¹
1,1,1,2-Tetrachloroethane	1.65E-16	1.65E-16	1.54E-16	1.54E-16	1.54E-16	1.54E-16	1.85E-15	1.85E-15	9.24E-01	0.00E+00	4.73E+01	2.18E+02	1.69E+02	5.02E+05	3.90E-01
1,1,1-Trichloroethane	2.66E-17	2.66E-17	2.57E-17	2.57E-17	2.57E-17	2.57E-17	1.39E-16	1.39E-16	9.62E-01	0.00E+00	4.73E+01	2.35E+02	1.82E+02	5.34E+05	3.90E-01
1,1-Dichloroethane	1.81E-18	1.81E-18	1.78E-18	1.78E-18	1.78E-18	1.78E-18	4.63E-18	4.63E-18	9.79E-01	0.00E+00	4.73E+01	2.63E+02	2.03E+02	5.88E+05	3.90E-01
1,2,3,4,6,7,8-HpCDD	5.31E-15	7.94E-15	1.55E-17	2.33E-17	3.29E-19	4.92E-19	8.12E-13	1.21E-12	2.91E-03	0.00E+00	4.73E+01	1.38E+02	1.70E+02	5.90E+05	3.90E-01
1,2,3,4,6,7,8-HpCDF	5.15E-15	7.63E-15	1.60E-17	2.38E-17	1.27E-18	1.88E-18	7.87E-13	1.17E-12	3.09E-03	0.00E+00	4.73E+01	9.24E+01	1.70E+02	2.17E+05	3.90E-01
1,2,3,4,7,8,9-HpCDF	7.78E-16	1.07E-15	2.42E-18	3.35E-18	1.92E-19	2.65E-19	1.19E-13	1.64E-13	3.09E-03	0.00E+00	4.73E+01	9.20E+01	1.70E+02	2.17E+05	3.90E-01
1,2,3,4,7,8-HxCDD	7.46E-16	1.05E-15	2.21E-18	3.11E-18	7.33E-20	1.03E-19	1.14E-13	1.60E-13	2.95E-03	0.00E+00	4.73E+01	1.33E+02	1.70E+02	6.07E+05	3.90E-01
1,2,3,4,7,8-HxCDF	5.15E-15	7.18E-15	1.80E-17	2.50E-17	3.19E-18	4.45E-18	7.87E-13	1.10E-12	3.46E-03	0.00E+00	4.73E+01	9.47E+01	1.70E+02	2.23E+05	3.90E-01
1,2,3,6,7,8-HxCDD	1.43E-15	1.96E-15	5.00E-18	6.83E-18	8.89E-19	1.21E-18	2.19E-13	2.99E-13	3.46E-03	0.00E+00	4.73E+01	6.13E+01	1.70E+02	2.23E+05	3.90E-01
1,2,3,6,7,8-HxCDF	1.90E-15	2.63E-15	6.04E-18	8.37E-18	5.90E-19	8.18E-19	2.91E-13	4.03E-13	3.16E-03	0.00E+00	4.73E+01	1.35E+02	1.70E+02	6.07E+05	3.90E-01
1,2,3,7,8,9-HxCDD	2.08E-15	2.98E-15	6.61E-18	9.47E-18	6.46E-19	9.26E-19	3.18E-13	4.56E-13	3.16E-03	0.00E+00	4.73E+01	1.35E+02	1.70E+02	6.07E+05	3.90E-01
1,2,3,7,8,9-HxCDF	1.54E-16	2.02E-16	5.38E-19	7.06E-19	9.56E-20	1.25E-19	2.36E-14	3.10E-14	3.46E-03	0.00E+00	4.73E+01	8.09E+01	1.70E+02	2.23E+05	3.90E-01
1,2,3,7,8-PeCDD	1.77E-15	2.00E-15	7.57E-18	8.58E-18	2.51E-18	2.84E-18	2.70E-13	3.06E-13	4.25E-03	0.00E+00	4.73E+01	6.11E+01	1.70E+02	6.26E+05	3.90E-01
1,2,3,7,8-PeCDF	2.46E-15	2.77E-15	9.52E-18	1.07E-17	2.47E-18	2.79E-18	3.76E-13	4.24E-13	3.84E-03	0.00E+00	4.73E+01	4.71E+01	1.70E+02	2.31E+05	3.90E-01
1,2,3-Trichlorobenzene	2.00E-15	2.00E-15	1.33E-15	1.33E-15	1.33E-15	1.33E-15	1.03E-13	1.03E-13	6.62E-01	0.00E+00	4.73E+01	2.25E+02	1.98E+02	2.88E+04	3.90E-01
1,2,3-Trichloropropane	3.88E-16	3.88E-16	3.85E-16	3.85E-16	3.85E-16	3.85E-16	7.08E-16	7.08E-16	9.84E-01	0.00E+00	4.73E+01	2.14E+02	1.69E+02	5.02E+05	3.90E-01
1,2,4-Trimethylbenzene	3.04E-15	3.04E-15	2.63E-15	2.63E-15	2.63E-15	2.63E-15	6.45E-14	6.45E-14	8.58E-01	0.00E+00	4.73E+01	2.19E+02	1.69E+02	4.51E+05	3.90E-01
1,2,4-trichlorobenzene	7.36E-16	7.36E-16	5.15E-16	5.15E-16	5.14E-16	5.14E-16	3.41E-14	3.41E-14	6.95E-01	0.00E+00	4.73E+01	2.22E+02	1.74E+02	2.82E+05	3.90E-01
1,2-Dibromoethane	1.35E-16	1.35E-16	1.32E-16	1.32E-16	1.32E-16	1.32E-16	4.89E-16	4.89E-16	9.73E-01	0.00E+00	4.73E+01	2.08E+02	1.98E+02	2.88E+04	3.90E-01
1,2-Dichloroethane	1.01E-14	1.01E-14	1.00E-14	1.00E-14	1.00E-14	1.00E-14	1.53E-14	1.53E-14	9.86E-01	0.00E+00	4.73E+01	2.52E+02	1.97E+02	6.48E+05	3.90E-01
1,2-dichlorobenzene	9.29E-17	9.29E-17	8.47E-17	8.47E-17	8.47E-17	8.47E-17	1.28E-15	1.28E-15	9.06E-01	0.00E+00	4.73E+01	2.17E+02	1.69E+02	4.92E+05	3.90E-01
1,3,5-Trimethylbenzene	2.01E-15	2.01E-15	1.73E-15	1.73E-15	1.73E-15	1.73E-15	4.24E-14	4.24E-14	8.59E-01	0.00E+00	4.73E+01	2.32E+02	1.80E+02	4.49E+05	3.90E-01
1,3-Butadiene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-01	0.00E+00	4.73E+01	2.61E+02	2.02E+02	6.32E+05	3.90E-01
1,3-Dichloropropane	1.19E-16	1.19E-16	1.17E-16	1.17E-16	1.17E-16	1.17E-16	3.37E-16	3.37E-16	9.78E-01	0.00E+00	4.73E+01	2.50E+02	1.96E+02	5.15E+05	3.90E-01
1,3-dichlorobenzene	1.76E-16	1.76E-16	1.45E-16	1.45E-16	1.45E-16	1.45E-16	4.91E-15	4.91E-15	8.15E-01	0.00E+00	4.73E+01	2.17E+02	1.68E+02	4.93E+05	3.90E-01
1,4-Dioxane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	1.33E+02	2.01E+02	1.10E+06	3.90E-01
1,4-dichlorobenzene	2.66E-15	2.66E-15	2.29E-15	2.29E-15	2.29E-15	2.29E-15	5.65E-14	5.65E-14	8.58E-01	0.00E+00	4.73E+01	2.18E+02	1.69E+02	4.92E+05	3.90E-01
1-Methylnaphthalene	1.78E-13	1.78E-13	1.79E-13	1.79E-13	1.79E-13	1.79E-13	1.43E-14	1.43E-14	9.96E-01	0.00E+00	4.73E+01	2.13E+02	1.68E+02	4.11E+05	3.90E-01
1-Methylphenanthrene	3.20E-14	3.20E-14	3.21E-14	3.21E-14	3.21E-14	3.21E-14	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
2,3,4,6,7,8-HxCDF	2.73E-15	3.76E-15	9.52E-18	1.31E-17	1.69E-18	2.33E-18	4.18E-13	5.74E-13	3.46E-03	0.00E+00	4.73E+01	8.09E+01	1.70E+02	2.23E+05	3.90E-01
2,3,4,7,8-PeCDF	3.88E-15	4.48E-15	1.87E-17	2.16E-17	7.60E-18	8.77E-18	5.93E-13	6.84E-13	4.79E-03	0.00E+00	4.73E+01	4.70E+01	1.70E+02	2.31E+05	3.90E-01
2,3,5-Trimethylnaphthalene	1.56E-14	1.56E-14	1.56E-14	1.56E-14	1.56E-14	1.56E-14	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
2,3,7,8-TCDD	5.95E-16	6.37E-16	2.29E-18	2.45E-18	5.85E-19	6.26E-19	9.10E-14	9.74E-14	3.82E-03	0.00E+00	4.73E+01	1.50E+02	1.34E+02	6.48E+05	3.90E-01
2,3,7,8-TCDF	1.92E-15	1.97E-15	1.49E-17	1.53E-17	9.41E-18	9.64E-18	2.92E-13	2.99E-13	7.71E-03	0.00E+00	4.73E+01	9.02E+01	1.41E+02	2.39E+05	3.90E-01
2,4-Dimethylphenol	5.48E-13	5.48E-13	5.25E-13	5.25E-13	5.25E-13	5.25E-13	3.83E-12	3.83E-12	9.51E-01	0.00E+00	4.73E+01	2.96E+00	1.98E+02	2.88E+04	3.90E-01
2,4-Dinitrotoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-01	0.00E+00	4.73E+01	4.77E+00	1.57E+02	1.01E+06	3.90E-01
2,6-Dimethylnaphthalene	4.16E-14	4.16E-14	4.17E-14	4.17E-14	4.17E-14	4.17E-14	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
2,6-Dinitrotoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.83E-01	0.00E+00	4.73E+01	1.12E+00	1.98E+02	2.88E+04	3.90E-01
2-Butanone	1.90E-12	1.90E-12	1.90E-12	1.90E-12	1.90E-12	1.90E-12	1.52E-13	1.52E-13	9.96E-01	0.00E+00	4.73E+01	2.18E+02	1.95E+02	5.47E+05	3.90E-01
2-Chlorophenol	3.85E-14	3.85E-14	3.50E-14	3.50E-14	3.50E-14	3.50E-14	5.44E-13	5.44E-13	9.04E-01	0.00E+00	4.73E+01	1.78E+02	1.98E+02	2.88E+04	3.90E-01
2-Chlorotoluene	1.62E-15	1.62E-15	1.48E-15	1.48E-15	1.48E-15	1.48E-15	2.26E-14	2.26E-14	9.05E-01	0.00E+00	4.73E+01	2.33E+02	1.81E+02	4.62E+05	3.90E-01
2-Hexanone	2.06E-13	2.06E-13	2.06E-13	2.06E-13	2.06E-13	2.06E-13	1.23E-13	1.23E-13	9.92E-01	0.00E+00	4.73E+01	2.09E+02	1.77E+02	4.99E+05	3.90E-01
2-Methylnaphthalene	1.73E-13	1.73E-13	1.74E-13	1.74E-13	1.74E-13	1.74E-13	1.39E-14	1.39E-14	9.96E-01	0.00E+00	4.73E+01	2.12E+02	1.67E+02	4.09E+05	3.90E-01
2-Methylphenol	2.09E-11	2.09E-11	2.05E-11	2.05E-11	2.05E-11	2.05E-11	6.78E-11	6.78E-11	9.75E-01	0.00E+00	4.73E+01	2.82E+01	1.75E+02	5.16E+05	3.90E-01
2-Nitrophenol	1.67E-13	1.67E-13	1.65E-13	1.65E-13	1.65E-13	1.65E-13	3.80E-13	3.80E-13	9.81E-01	0.00E+00	4.73E+01	1.35E+01	1.98E+02	2.88E+04	3.90E-01
3-Methylphenol & 4-Methylphenol	8.14E-13	8.14E-13	8.16E-13	8.16E-13	8.16E-13	8.16E-13	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
4-Nitrophenol	2.75E-13	2.75E-13	2.71E-13	2.71E-13	2.71E-13	2.71E-13	8.18E-13	8.18E-13	9.77E-01	0.00E+00	4.73E+01	6.22E-04	1.98E+02	2.88E+04	3.90E-01



Table G-35: Total Waterbody COPC Concentration Used in Fish Tissue Model Calculations Based on a 30-Year ACI Operational Time Frame and 1-Year Exposure Duration

COPC	Total Waterbody COPC Concentration		Total COPC Concentration in Water Column		Dissolved Phase Water Concentration		COPC Concentration Sorbed to Bed Sediment		Fraction of Total Waterbody COPC Concentration in Water Column	Overall Total Waterbody Dissipation Rate Constant	Water Column Volatilization Rate	Overall COPC Transfer Rate Coefficient	Liquid Phase Transfer Coefficient	Gas Phase Transfer Coefficient	Benthic Burial Rate Constant
	C_{wtot}		C_{wctot}		C_{dw}		C_{sb}		f_{wc}	k_{wt}	k_v	K_v	K_L	K_G	k_b
	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	--	--	--	--	--	--	--
	g COPC/m ³ Waterbody		mg COPC/L water column		mg COPC/L water		mg COPC/kg sediment		unitless	yr ⁻¹	yr ⁻¹	m/yr	m/yr	m/yr	yr ⁻¹
Acenaphthylene	1.46E-13	1.46E-13	1.47E-13	1.47E-13	1.47E-13	1.47E-13	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Acenaphthene	9.45E-14	9.45E-14	4.16E-14	4.16E-14	4.15E-14	4.15E-14	8.13E-12	8.13E-12	4.38E-01	0.00E+00	4.73E+01	1.24E+02	1.98E+02	2.88E+04	3.90E-01
Acetaldehyde	7.12E-11	7.12E-11	7.14E-11	7.14E-11	7.14E-11	7.14E-11	1.43E-12	1.43E-12	9.96E-01	0.00E+00	4.73E+01	2.91E+02	2.49E+02	7.29E+05	3.90E-01
Acetophenone	2.06E-11	2.06E-11	2.05E-11	2.05E-11	2.05E-11	2.05E-11	2.93E-11	2.93E-11	9.87E-01	0.00E+00	4.73E+01	1.21E+02	1.81E+02	4.48E+05	3.90E-01
Aluminum	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Anthracene	7.30E-13	7.30E-13	1.04E-13	1.04E-13	1.02E-13	1.02E-13	9.61E-11	9.61E-11	1.42E-01	0.00E+00	4.73E+01	7.06E+01	1.98E+02	2.88E+04	3.90E-01
Antimony	1.25E-15	1.25E-15	9.69E-16	9.69E-16	9.68E-16	9.68E-16	4.36E-14	4.36E-14	7.70E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Arsenic	2.09E-14	2.09E-14	1.76E-14	1.76E-14	1.76E-14	1.76E-14	5.10E-13	5.10E-13	8.37E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Barium	1.07E-11	1.35E-11	8.44E-12	1.07E-11	8.44E-12	1.07E-11	3.46E-10	4.38E-10	7.86E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Benzene	5.96E-13	5.96E-13	5.88E-13	5.88E-13	5.88E-13	5.88E-13	1.45E-12	1.45E-12	9.80E-01	0.00E+00	4.73E+01	2.59E+02	2.01E+02	5.79E+05	3.90E-01
Benzo(a)anthracene	2.87E-11	2.88E-11	3.85E-13	3.86E-13	3.04E-13	3.04E-13	4.35E-09	4.35E-09	1.33E-02	0.00E+00	4.73E+01	5.47E+01	1.84E+02	4.02E+05	3.90E-01
Benzo(a)pyrene	1.44E-11	1.44E-11	9.76E-14	9.77E-14	5.65E-14	5.66E-14	2.19E-09	2.19E-09	6.74E-03	0.00E+00	4.73E+01	1.89E+01	1.84E+02	3.58E+05	3.90E-01
Benzo(b)fluoranthene	2.72E-12	2.73E-12	1.77E-14	1.77E-14	9.91E-15	9.91E-15	4.15E-10	4.15E-10	6.45E-03	0.00E+00	4.73E+01	1.01E+02	1.98E+02	2.88E+04	3.90E-01
Benzo(e)pyrene	7.92E-15	7.93E-15	7.94E-15	7.95E-15	7.94E-15	7.95E-15	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Benzo(g,h,i)perylene	5.98E-15	5.99E-15	6.00E-15	6.00E-15	6.00E-15	6.00E-15	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Benzo(k)fluoranthene	2.49E-14	2.85E-14	1.67E-16	1.91E-16	9.55E-17	1.09E-16	3.79E-12	4.34E-12	6.65E-03	0.00E+00	4.73E+01	1.24E+00	1.98E+02	2.88E+04	3.90E-01
Benzoic acid	1.23E-11	1.23E-11	1.23E-11	1.23E-11	1.23E-11	1.23E-11	2.96E-13	2.96E-13	9.96E-01	0.00E+00	4.73E+01	4.22E+00	1.70E+02	2.88E+04	3.90E-01
Benzyl alcohol	7.65E-14	7.65E-14	7.65E-14	7.65E-14	7.65E-14	7.65E-14	3.67E-14	3.67E-14	9.93E-01	0.00E+00	4.73E+01	5.04E-01	1.98E+02	2.88E+04	3.90E-01
Beryllium	8.12E-15	8.12E-15	1.33E-15	1.33E-15	1.32E-15	1.32E-15	1.04E-12	1.04E-12	1.63E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Biphenyl	6.00E-13	6.00E-13	6.01E-13	6.01E-13	6.01E-13	6.01E-13	1.20E-13	1.20E-13	9.95E-01	0.00E+00	4.73E+01	2.05E+02	1.64E+02	3.81E+05	3.90E-01
Bromobenzene	2.63E-14	2.63E-14	2.49E-14	2.49E-14	2.48E-14	2.48E-14	2.33E-13	2.33E-13	9.39E-01	0.00E+00	4.73E+01	2.43E+02	1.89E+02	4.16E+05	3.90E-01
Bromochloromethane	1.20E-16	1.20E-16	1.19E-16	1.19E-16	1.19E-16	1.19E-16	1.05E-16	1.05E-16	9.90E-01	0.00E+00	4.73E+01	2.90E+02	2.26E+02	5.37E+05	3.90E-01
Bromodichloromethane	9.46E-17	9.46E-17	9.35E-17	9.35E-17	9.35E-17	9.35E-17	2.07E-16	2.07E-16	9.82E-01	0.00E+00	4.73E+01	2.31E+02	1.98E+02	2.88E+04	3.90E-01
Bromoform	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-01	0.00E+00	4.73E+01	2.61E+02	2.02E+02	1.76E+05	3.90E-01
Bromomethane	2.00E-15	2.00E-15	2.00E-15	2.00E-15	2.00E-15	2.00E-15	7.20E-16	7.20E-16	9.94E-01	0.00E+00	4.73E+01	2.90E+02	2.25E+02	5.10E+05	3.90E-01
Butyl benzyl phthalate	6.01E-13	6.01E-13	1.33E-13	1.33E-13	1.31E-13	1.31E-13	7.19E-11	7.19E-11	2.19E-01	0.00E+00	4.73E+01	1.93E+00	1.98E+02	2.88E+04	3.90E-01
Cadmium	3.37E-14	3.37E-14	2.27E-14	2.27E-14	2.26E-14	2.26E-14	1.70E-12	1.70E-12	6.69E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Carbazole	1.83E-15	1.83E-15	1.83E-15	1.84E-15	1.83E-15	1.84E-15	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Carbon dioxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Carbon disulfide	3.18E-16	3.18E-16	3.13E-16	3.13E-16	3.13E-16	3.13E-16	8.30E-16	8.30E-16	9.79E-01	0.00E+00	4.73E+01	2.56E+02	1.98E+02	6.48E+05	3.90E-01
Carbon monoxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Carbon tetrachloride	1.20E-17	1.20E-17	1.16E-17	1.16E-17	1.16E-17	1.16E-17	7.05E-17	7.05E-17	9.58E-01	0.00E+00	4.73E+01	2.35E+02	1.82E+02	5.34E+05	3.90E-01
Chlordecone (Kepone)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-01	0.00E+00	4.73E+01	5.91E-01	1.23E+02	2.12E+05	3.90E-01
Chlorobenzene	4.26E-15	4.26E-15	4.04E-15	4.04E-15	4.04E-15	4.04E-15	3.62E-14	3.62E-14	9.41E-01	0.00E+00	4.73E+01	2.32E+02	1.80E+02	5.11E+05	3.90E-01
Chlorodibromomethane	4.39E-15	4.39E-15	4.32E-15	4.32E-15	4.32E-15	4.32E-15	1.21E-14	1.21E-14	9.78E-01	0.00E+00	4.73E+01	2.10E+02	1.98E+02	2.88E+04	3.90E-01
Chloroethane	3.80E-15	3.80E-15	3.79E-15	3.79E-15	3.79E-15	3.79E-15	2.35E-15	2.35E-15	9.92E-01	0.00E+00	4.73E+01	2.81E+02	2.17E+02	1.23E+06	3.90E-01
Chloroform	1.01E-15	1.01E-15	1.00E-15	1.00E-15	1.00E-15	1.00E-15	2.10E-15	2.10E-15	9.83E-01	0.00E+00	4.73E+01	2.55E+02	1.98E+02	6.48E+05	3.90E-01
Chloromethane	7.63E-15	7.63E-15	7.64E-15	7.64E-15	7.64E-15	7.64E-15	1.91E-15	1.91E-15	9.94E-01	0.00E+00	4.73E+01	1.92E+02	1.48E+02	7.37E+05	3.90E-01
Chromium	3.54E-13	4.05E-13	3.16E-13	3.61E-13	3.16E-13	3.61E-13	6.00E-12	6.86E-12	8.86E-01	0.00E+00	4.73E+01	3.22E+02	2.49E+02	7.39E+05	3.90E-01
Chrysene	5.56E-12	5.62E-12	6.83E-14	6.91E-14	5.25E-14	5.31E-14	8.43E-10	8.52E-10	1.22E-02	0.00E+00	4.73E+01	9.15E+01	1.98E+02	2.88E+04	3.90E-01
Cobalt	8.07E-13	1.03E-12	8.09E-13	1.04E-12	8.09E-13	1.04E-12	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Copper	9.72E-13	1.21E-12	9.74E-13	1.21E-12	9.74E-13	1.21E-12	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
DDD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-03	0.00E+00	4.73E+01	1.16E+01	1.98E+02	2.88E+04	3.90E-01
DDE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-02	0.00E+00	4.73E+01	2.80E+01	1.98E+02	2.88E+04	3.90E-01
Di-n-butyl phthalate	3.23E-12	3.23E-12	2.30E-12	2.30E-12	2.30E-12	2.30E-12	1.44E-10	1.44E-10	7.06E-01	0.00E+00	4.73E+01	2.94E+01	1.68E+02	3.63E+05	3.90E-01
Di-n-octyl phthalate	1.62E-12	1.62E-12	4.72E-15	4.72E-15	6.76E-17	6.76E-17	2.48E-10	2.48E-10	2.89E-03	0.00E+00	4.73E+01	7.21E+01	1.98E+02	2.88E+04	3.90E-01
Dibenzo(a,h)anthracene	3.60E-13	3.77E-13	1.80E-15	1.89E-15	7.68E-16	8.05E-16	5.50E-11	5.76E-11	4.96E-03	0.00E+00	4.73E+01	2.25E-02	1.98E+02	2.88E+04	3.90E-01



Table G-35: Total Waterbody COPC Concentration Used in Fish Tissue Model Calculations Based on a 30-Year ACI Operational Time Frame and 1-Year Exposure Duration

COPC	Total Waterbody COPC Concentration		Total COPC Concentration in Water Column		Dissolved Phase Water Concentration		COPC Concentration Sorbed to Bed Sediment		Fraction of Total Waterbody COPC Concentration in Water Column	Overall Total Waterbody Dissipation Rate Constant	Water Column Volatilization Rate	Overall COPC Transfer Rate Coefficient	Liquid Phase Transfer Coefficient	Gas Phase Transfer Coefficient	Benthic Burial Rate Constant
	C _{wtot}		C _{wctot}		C _{dw}		C _{sb}		f _{wc}	k _{wt}	k _v	K _v	K _L	K _G	k _b
	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	--	--	--	--	--	--	--
	g COPC/m ³ Waterbody		mg COPC/L water column		mg COPC/L water		mg COPC/kg sediment		unitless	yr ⁻¹	yr ⁻¹	m/yr	m/yr	m/yr	yr ⁻¹
Dibenzofuran	5.22E-14	5.22E-14	5.22E-14	5.22E-14	5.22E-14	5.22E-14	1.88E-14	1.88E-14	9.94E-01	0.00E+00	4.73E+01	2.01E+02	1.61E+02	4.73E+05	3.90E-01
Dibromomethane	3.45E-16	3.45E-16	3.43E-16	3.43E-16	3.43E-16	3.43E-16	4.36E-16	4.36E-16	9.88E-01	0.00E+00	4.73E+01	2.14E+02	1.98E+02	2.88E+04	3.90E-01
Dichlorobiphenyl	6.58E-14	6.59E-14	8.22E-16	8.23E-16	6.35E-16	6.36E-16	9.97E-12	9.98E-12	1.24E-02	0.00E+00	4.73E+01	1.57E+02	1.98E+02	2.88E+04	3.90E-01
Dichlorodifluoromethane	1.28E-18	1.28E-18	1.26E-18	1.26E-18	1.26E-18	1.26E-18	3.10E-18	3.10E-18	9.80E-01	0.00E+00	4.73E+01	2.56E+02	1.98E+02	2.88E+04	3.90E-01
Dieldrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-01	0.00E+00	4.73E+01	2.07E+01	1.98E+02	2.88E+04	3.90E-01
Dimethyl phthalate	5.05E-14	5.05E-14	5.02E-14	5.02E-14	5.02E-14	5.02E-14	6.88E-14	6.88E-14	9.87E-01	0.00E+00	4.73E+01	2.33E+00	1.45E+02	4.32E+05	3.90E-01
Ethylbenzene	7.94E-14	7.94E-14	7.56E-14	7.56E-14	7.56E-14	7.56E-14	6.17E-13	6.17E-13	9.46E-01	0.00E+00	4.73E+01	2.16E+02	1.68E+02	5.20E+05	3.90E-01
Fluoranthene	2.11E-12	2.11E-12	1.58E-13	1.58E-13	1.52E-13	1.52E-13	2.99E-10	2.99E-10	7.44E-02	0.00E+00	4.73E+01	2.19E+01	1.98E+02	2.88E+04	3.90E-01
Fluorene	9.59E-13	9.59E-13	3.20E-13	3.20E-13	3.18E-13	3.18E-13	9.82E-11	9.82E-11	3.32E-01	0.00E+00	4.73E+01	6.98E+01	1.98E+02	2.88E+04	3.90E-01
Formaldehyde	3.52E-10	3.52E-10	3.53E-10	3.53E-10	3.53E-10	3.53E-10	3.18E-11	3.18E-11	9.95E-01	0.00E+00	4.73E+01	1.56E+01	3.13E+02	9.28E+05	3.90E-01
Heptachlorobiphenyl	2.46E-15	2.48E-15	1.09E-17	1.10E-17	3.83E-18	3.87E-18	3.76E-13	3.79E-13	4.39E-03	0.00E+00	4.73E+01	1.60E+02	1.98E+02	2.88E+04	3.90E-01
Hexachlorobiphenyl	9.97E-15	1.01E-14	4.41E-17	4.44E-17	1.55E-17	1.56E-17	1.52E-12	1.54E-12	4.39E-03	0.00E+00	4.73E+01	1.60E+02	1.98E+02	2.88E+04	3.90E-01
Hexachlorobutadiene	2.04E-14	2.04E-14	6.88E-15	6.88E-15	6.84E-15	6.84E-15	2.07E-12	2.07E-12	3.35E-01	0.00E+00	4.73E+01	1.85E+02	1.43E+02	4.28E+05	3.90E-01
Hydrogen Chloride	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	2.56E+02	1.98E+02	2.88E+04	3.90E-01
Hydrogen cyanide	5.91E-12	5.91E-12	5.93E-12	5.93E-12	5.93E-12	5.93E-12	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	3.42E+02	2.80E+02	8.93E+05	3.90E-01
Hydrogen sulfide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	4.37E+02	3.39E+02	9.63E+05	3.90E-01
Indeno(1,2,3-cd)pyrene	1.24E-12	1.28E-12	5.10E-15	5.28E-15	1.54E-15	1.60E-15	1.90E-10	1.96E-10	4.08E-03	0.00E+00	4.73E+01	2.38E+00	1.98E+02	2.88E+04	3.90E-01
Iron	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Isopropanol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	1.37E+02	2.14E+02	6.45E+05	3.90E-01
Isopropylbenzene	4.32E-17	4.32E-17	3.42E-17	3.42E-17	3.42E-17	3.42E-17	1.39E-15	1.39E-15	7.87E-01	0.00E+00	4.73E+01	2.03E+02	1.57E+02	4.73E+05	3.90E-01
Lead	1.30E-12	1.30E-12	1.91E-13	1.91E-13	1.89E-13	1.89E-13	1.70E-10	1.70E-10	1.46E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Manganese	2.49E-13	2.49E-13	2.49E-13	2.50E-13	2.49E-13	2.50E-13	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Mercury (+2)	6.67E-15	9.93E-15	4.07E-17	6.05E-17	1.73E-17	2.57E-17	1.02E-12	1.51E-12	6.06E-03	0.00E+00	4.73E+01	1.37E-02	1.28E+02	3.71E+05	3.90E-01
Mercury, elemental	2.64E-15	2.64E-15	1.30E-16	1.30E-16	0.00E+00	0.00E+00	3.85E-13	3.85E-13	4.88E-02	0.00E+00	4.73E+01	5.30E+02	4.14E+02	1.43E+05	3.90E-01
Methyl Isobutyl Ketone	3.55E-15	3.55E-15	3.54E-15	3.54E-15	3.54E-15	3.54E-15	2.16E-15	2.16E-15	9.92E-01	0.00E+00	4.73E+01	2.05E+02	1.68E+02	5.20E+05	3.90E-01
Methyl Mercury	1.17E-15	1.19E-15	1.08E-16	1.11E-16	3.05E-18	4.54E-18	1.63E-13	1.66E-13	9.22E-02	0.00E+00	4.73E+01	9.53E+00	1.42E+02	4.11E+05	3.90E-01
Methylene chloride	3.19E-14	3.19E-14	3.19E-14	3.19E-14	3.19E-14	3.19E-14	1.28E-14	1.28E-14	9.93E-01	0.00E+00	4.73E+01	2.83E+02	2.20E+02	6.35E+05	3.90E-01
Monochlorobiphenyl	4.60E-13	4.61E-13	5.75E-15	5.76E-15	4.44E-15	4.45E-15	6.97E-11	6.98E-11	1.24E-02	0.00E+00	4.73E+01	1.57E+02	1.98E+02	2.88E+04	3.90E-01
NOx (Oxides of Nitrogen)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Naphthalene	1.30E-12	1.30E-12	9.95E-13	9.95E-13	9.94E-13	9.94E-13	4.73E-11	4.73E-11	7.60E-01	0.00E+00	4.73E+01	2.07E+02	1.63E+02	4.43E+05	3.90E-01
Nickel	1.49E-13	1.49E-13	1.05E-13	1.05E-13	1.05E-13	1.05E-13	6.82E-12	6.82E-12	6.99E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Nonachlorobiphenyl	3.08E-16	3.11E-16	1.36E-18	1.37E-18	4.79E-19	4.84E-19	4.70E-14	4.75E-14	4.39E-03	0.00E+00	4.73E+01	1.60E+02	1.98E+02	2.88E+04	3.90E-01
OCDD	3.56E-15	5.33E-15	1.04E-17	1.55E-17	1.39E-19	2.09E-19	5.45E-13	8.16E-13	2.89E-03	0.00E+00	4.73E+01	1.05E+02	1.70E+02	5.74E+05	3.90E-01
OCDF	1.32E-15	1.99E-15	3.88E-18	5.83E-18	8.22E-20	1.23E-19	2.03E-13	3.05E-13	2.91E-03	0.00E+00	4.73E+01	1.89E+01	1.70E+02	2.11E+05	3.90E-01
Octachlorobiphenyl	7.32E-16	7.38E-16	3.23E-18	3.26E-18	1.14E-18	1.15E-18	1.12E-13	1.13E-13	4.39E-03	0.00E+00	4.73E+01	1.60E+02	1.98E+02	2.88E+04	3.90E-01
PM<10	1.22E-09	1.22E-09	1.23E-09	1.23E-09	1.23E-09	1.23E-09	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
PM<2.5	1.02E-09	1.02E-09	1.02E-09	1.02E-09	1.02E-09	1.02E-09	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Total Suspended Particulate	9.49E-10	9.50E-10	9.52E-10	9.53E-10	9.52E-10	9.53E-10	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Pentachlorobiphenyl	3.32E-14	3.35E-14	1.47E-16	1.48E-16	5.17E-17	5.21E-17	5.07E-12	5.12E-12	4.39E-03	0.00E+00	4.73E+01	1.60E+02	1.98E+02	2.88E+04	3.90E-01
Perylene	3.48E-15	3.48E-15	3.49E-15	3.49E-15	3.49E-15	3.49E-15	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Phenanthrene	5.56E-12	5.56E-12	7.15E-13	7.15E-13	7.01E-13	7.01E-13	7.44E-10	7.44E-10	1.28E-01	0.00E+00	4.73E+01	3.04E+01	1.98E+02	2.88E+04	3.90E-01
Phenol	1.28E-10	1.28E-10	1.27E-10	1.27E-10	1.27E-10	1.27E-10	1.53E-10	1.53E-10	9.88E-01	0.00E+00	4.73E+01	1.10E+01	1.86E+02	5.52E+05	3.90E-01
Phosphorus	8.53E-13	8.53E-13	8.55E-13	8.55E-13	8.55E-13	8.55E-13	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	5.04E+02	3.92E+02	1.07E+06	3.90E-01
Propionaldehyde	9.28E-13	9.28E-13	9.30E-13	9.30E-13	9.30E-13	9.30E-13	3.72E-14	3.72E-14	9.96E-01	0.00E+00	4.73E+01	2.62E+02	2.26E+02	6.74E+05	3.90E-01
Pyrene	2.84E-12	2.84E-12	1.59E-13	1.59E-13	1.51E-13	1.51E-13	4.12E-10	4.12E-10	5.56E-02	0.00E+00	4.73E+01	1.55E+01	1.98E+02	2.88E+04	3.90E-01
Pyridine	5.96E-12	5.96E-12	5.97E-12	5.97E-12	5.97E-12	5.97E-12	1.01E-12	1.01E-12	9.95E-01	0.00E+00	4.73E+01	1.20E+02	1.65E+02	5.92E+05	3.90E-01
Selenium	5.43E-15	5.43E-15	5.27E-15	5.27E-15	5.27E-15	5.27E-15	2.63E-14	2.63E-14	9.65E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01



Table G-35: Total Waterbody COPC Concentration Used in Fish Tissue Model Calculations Based on a 30-Year ACI Operational Time Frame and 1-Year Exposure Duration

COPC	Total Waterbody COPC Concentration		Total COPC Concentration in Water Column		Dissolved Phase Water Concentration		COPC Concentration Sorbed to Bed Sediment		Fraction of Total Waterbody COPC Concentration in Water Column	Overall Total Waterbody Dissipation Rate Constant	Water Column Volatilization Rate	Overall COPC Transfer Rate Coefficient	Liquid Phase Transfer Coefficient	Gas Phase Transfer Coefficient	Benthic Burial Rate Constant
	C_{wtot}		C_{wctot}		C_{dw}		C_{sb}		f_{wc}	k_{wt}	k_v	K_v	K_L	K_G	k_b
	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	--	--	--	--	--	--	--
	g COPC/m ³ Waterbody		mg COPC/L water column		mg COPC/L water		mg COPC/kg sediment		unitless	yr ⁻¹	yr ⁻¹	m/yr	m/yr	m/yr	yr ⁻¹
Silver	5.90E-15	6.21E-15	5.61E-15	5.91E-15	5.61E-15	5.91E-15	4.66E-14	4.90E-14	9.45E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Styrene	7.00E-13	7.00E-13	5.66E-13	5.66E-13	5.66E-13	5.66E-13	2.06E-11	2.06E-11	8.04E-01	0.00E+00	4.73E+01	2.20E+02	1.70E+02	5.02E+05	3.90E-01
Sulfur Dioxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Tetrachlorobiphenyl	1.96E-14	1.96E-14	2.45E-16	2.45E-16	1.89E-16	1.89E-16	2.97E-12	2.97E-12	1.24E-02	0.00E+00	4.73E+01	1.57E+02	1.98E+02	2.88E+04	3.90E-01
Tetrachloroethene	2.09E-17	2.09E-17	1.96E-17	1.96E-17	1.96E-17	1.96E-17	2.08E-16	2.08E-16	9.32E-01	0.00E+00	4.73E+01	2.24E+02	1.73E+02	5.06E+05	3.90E-01
Thallium (Soluble Salts)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Titanium	2.54E-15	2.54E-15	2.55E-15	2.55E-15	2.55E-15	2.55E-15	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Toluene	1.67E-13	1.67E-13	1.62E-13	1.62E-13	1.62E-13	1.62E-13	9.06E-13	9.06E-13	9.61E-01	0.00E+00	4.73E+01	2.31E+02	1.79E+02	5.75E+05	3.90E-01
Total Reduced Sulfur	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Trichlorobiphenyl	2.56E-14	2.57E-14	3.20E-16	3.21E-16	2.48E-16	2.48E-16	3.88E-12	3.89E-12	1.24E-02	0.00E+00	4.73E+01	1.57E+02	1.98E+02	2.88E+04	3.90E-01
Trichloroethene	1.21E-18	1.21E-18	1.18E-18	1.18E-18	1.18E-18	1.18E-18	4.47E-18	4.47E-18	9.72E-01	0.00E+00	4.73E+01	2.40E+02	1.86E+02	5.39E+05	3.90E-01
Trichlorofluoromethane	1.58E-18	1.58E-18	1.53E-18	1.53E-18	1.53E-18	1.53E-18	7.01E-18	7.01E-18	9.67E-01	0.00E+00	4.73E+01	2.51E+02	1.94E+02	5.75E+05	3.90E-01
Vinyl chloride	4.95E-16	4.95E-16	4.94E-16	4.94E-16	4.94E-16	4.94E-16	3.06E-16	3.06E-16	9.92E-01	0.00E+00	4.73E+01	2.94E+02	2.27E+02	6.56E+05	3.90E-01
Zinc	6.85E-12	6.85E-12	4.89E-12	4.89E-12	4.89E-12	4.89E-12	3.03E-10	3.03E-10	7.09E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
bis(2-Ethylhexyl) phthalate	1.87E-10	1.87E-10	6.73E-12	6.73E-12	6.21E-12	6.21E-12	2.76E-08	2.76E-08	3.58E-02	0.00E+00	4.73E+01	1.61E+00	1.01E+02	3.13E+05	3.90E-01
cis-1,2-Dichloroethene	1.63E-15	1.63E-15	1.62E-15	1.62E-15	1.62E-15	1.62E-15	2.47E-15	2.47E-15	9.86E-01	0.00E+00	4.73E+01	2.46E+02	1.98E+02	2.88E+04	3.90E-01
cis-1,3-Dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
m&p-Xylene	1.26E-14	1.26E-14	1.18E-14	1.18E-14	1.18E-14	1.18E-14	1.14E-13	1.14E-13	9.37E-01	0.00E+00	4.73E+01	1.34E+02	1.78E+02	1.18E+03	3.90E-01
n-Butylbenzene	1.13E-15	1.13E-15	1.13E-15	1.13E-15	1.13E-15	1.13E-15	4.54E-17	4.54E-17	9.96E-01	0.00E+00	4.73E+01	2.08E+02	1.61E+02	4.11E+05	3.90E-01
n-Propylbenzene	2.88E-15	2.88E-15	2.38E-15	2.38E-15	2.38E-15	2.38E-15	7.73E-14	7.73E-14	8.22E-01	0.00E+00	4.73E+01	2.17E+02	1.68E+02	4.49E+05	3.90E-01
o-Xylene	1.49E-14	1.49E-14	1.40E-14	1.40E-14	1.40E-14	1.40E-14	1.35E-13	1.35E-13	9.37E-01	0.00E+00	4.73E+01	2.55E+02	1.98E+02	5.75E+05	3.90E-01
p-Chloroaniline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.80E-01	0.00E+00	4.73E+01	1.73E+00	1.98E+02	2.88E+04	3.90E-01
p-Chlorotoluene	3.63E-16	3.63E-16	3.32E-16	3.32E-16	3.31E-16	3.31E-16	4.97E-15	4.97E-15	9.07E-01	0.00E+00	4.73E+01	2.32E+02	1.80E+02	4.61E+05	3.90E-01
p-Isopropyltoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
sec-Butylbenzene	1.91E-16	1.91E-16	1.91E-16	1.91E-16	1.91E-16	1.91E-16	7.66E-18	7.66E-18	9.96E-01	0.00E+00	4.73E+01	2.08E+02	1.61E+02	4.11E+05	3.90E-01
tert-Butylbenzene	4.89E-15	4.89E-15	4.90E-15	4.90E-15	4.90E-15	4.90E-15	1.96E-16	1.96E-16	9.96E-01	0.00E+00	4.73E+01	2.08E+02	1.61E+02	4.12E+05	3.90E-01
trans-1,2-Dichloroethene	1.77E-14	1.77E-14	1.75E-14	1.75E-14	1.75E-14	1.75E-14	2.67E-14	2.67E-14	9.86E-01	0.00E+00	4.73E+01	2.87E+02	2.22E+02	4.98E+05	3.90E-01
trans-1,3-Dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01



Table G-36: Total Waterbody COPC Concentration Used in Fish Tissue Model Calculations Based on a 30-Year ACI Operational Time Frame and 3-Year Exposure Duration

COPC	Total Waterbody COPC Concentration		Total COPC Concentration in Water Column		Dissolved Phase Water Concentration		COPC Concentration Sorbed to Bed Sediment		Fraction of Total Waterbody COPC Concentration in Water Column	Overall Total Waterbody Dissipation Rate Constant	Water Column Volatilization Rate	Overall COPC Transfer Rate Coefficient	Liquid Phase Transfer Coefficient	Gas Phase Transfer Coefficient	Benthic Burial Rate Constant
	C _{wtot}		C _{wctot}		C _{dw}		C _{sb}		f _{wc}	k _{wt}	k _v	K _v	K _L	K _G	k _b
	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	--	--	--	--	--	--	--
	g COPC/m ³ Waterbody		mg COPC/L water column		mg COPC/L water		mg COPC/kg sediment		unitless	yr ⁻¹	yr ⁻¹	m/yr	m/yr	m/yr	yr ⁻¹
1,1,1,2-Tetrachloroethane	1.65E-16	1.65E-16	1.54E-16	1.54E-16	1.54E-16	1.54E-16	1.85E-15	1.85E-15	9.24E-01	0.00E+00	4.73E+01	2.18E+02	1.69E+02	5.02E+05	3.90E-01
1,1,1-Trichloroethane	2.66E-17	2.66E-17	2.57E-17	2.57E-17	2.57E-17	2.57E-17	1.39E-16	1.39E-16	9.62E-01	0.00E+00	4.73E+01	2.35E+02	1.82E+02	5.34E+05	3.90E-01
1,1-Dichloroethene	1.81E-18	1.81E-18	1.78E-18	1.78E-18	1.78E-18	1.78E-18	4.63E-18	4.63E-18	9.79E-01	0.00E+00	4.73E+01	2.63E+02	2.03E+02	5.88E+05	3.90E-01
1,2,3,4,6,7,8-HpCDD	5.31E-15	7.94E-15	1.55E-17	2.33E-17	3.29E-19	4.92E-19	8.12E-13	1.21E-12	2.91E-03	0.00E+00	4.73E+01	1.38E+02	1.70E+02	5.90E+05	3.90E-01
1,2,3,4,6,7,8-HpCDF	5.15E-15	7.63E-15	1.60E-17	2.38E-17	1.27E-18	1.88E-18	7.87E-13	1.17E-12	3.09E-03	0.00E+00	4.73E+01	9.24E+01	1.70E+02	2.17E+05	3.90E-01
1,2,3,4,7,8,9-HpCDF	7.78E-16	1.07E-15	2.42E-18	3.35E-18	1.92E-19	2.65E-19	1.19E-13	1.64E-13	3.09E-03	0.00E+00	4.73E+01	9.20E+01	1.70E+02	2.17E+05	3.90E-01
1,2,3,4,7,8-HxCDD	7.46E-16	1.05E-15	2.21E-18	3.11E-18	7.33E-20	1.03E-19	1.14E-13	1.60E-13	2.95E-03	0.00E+00	4.73E+01	1.33E+02	1.70E+02	6.07E+05	3.90E-01
1,2,3,4,7,8-HxCDF	5.15E-15	7.18E-15	1.80E-17	2.50E-17	3.19E-18	4.45E-18	7.87E-13	1.10E-12	3.46E-03	0.00E+00	4.73E+01	9.47E+01	1.70E+02	2.23E+05	3.90E-01
1,2,3,6,7,8-HxCDD	1.43E-15	1.96E-15	5.00E-18	6.83E-18	8.89E-19	1.21E-18	2.19E-13	2.99E-13	3.46E-03	0.00E+00	4.73E+01	6.13E+01	1.70E+02	2.23E+05	3.90E-01
1,2,3,6,7,8-HxCDF	1.90E-15	2.63E-15	6.04E-18	8.37E-18	5.90E-19	8.18E-19	2.91E-13	4.03E-13	3.16E-03	0.00E+00	4.73E+01	1.35E+02	1.70E+02	6.07E+05	3.90E-01
1,2,3,7,8,9-HxCDD	2.08E-15	2.98E-15	6.61E-18	9.47E-18	6.46E-19	9.26E-19	3.18E-13	4.56E-13	3.16E-03	0.00E+00	4.73E+01	1.35E+02	1.70E+02	6.07E+05	3.90E-01
1,2,3,7,8,9-HxCDF	1.54E-16	2.02E-16	5.38E-19	7.06E-19	9.56E-20	1.25E-19	2.36E-14	3.10E-14	3.46E-03	0.00E+00	4.73E+01	8.09E+01	1.70E+02	2.23E+05	3.90E-01
1,2,3,7,8-PeCDD	1.77E-15	2.00E-15	7.57E-18	8.58E-18	2.51E-18	2.84E-18	2.70E-13	3.06E-13	4.25E-03	0.00E+00	4.73E+01	6.11E+01	1.70E+02	6.26E+05	3.90E-01
1,2,3,7,8-PeCDF	2.46E-15	2.77E-15	9.52E-18	1.07E-17	2.47E-18	2.79E-18	3.76E-13	4.24E-13	3.84E-03	0.00E+00	4.73E+01	4.71E+01	1.70E+02	2.31E+05	3.90E-01
1,2,3-Trichlorobenzene	2.00E-15	2.00E-15	1.33E-15	1.33E-15	1.33E-15	1.33E-15	1.03E-13	1.03E-13	6.62E-01	0.00E+00	4.73E+01	2.25E+02	1.98E+02	2.88E+04	3.90E-01
1,2,3-Trichloropropane	3.88E-16	3.88E-16	3.85E-16	3.85E-16	3.85E-16	3.85E-16	7.08E-16	7.08E-16	9.84E-01	0.00E+00	4.73E+01	2.14E+02	1.69E+02	5.02E+05	3.90E-01
1,2,4-Trimethylbenzene	3.04E-15	3.04E-15	2.63E-15	2.63E-15	2.63E-15	2.63E-15	6.45E-14	6.45E-14	8.58E-01	0.00E+00	4.73E+01	2.19E+02	1.69E+02	4.51E+05	3.90E-01
1,2,4-trichlorobenzene	7.36E-16	7.36E-16	5.15E-16	5.15E-16	5.14E-16	5.14E-16	3.41E-14	3.41E-14	6.95E-01	0.00E+00	4.73E+01	2.22E+02	1.74E+02	2.82E+05	3.90E-01
1,2-Dibromoethane	1.35E-16	1.35E-16	1.32E-16	1.32E-16	1.32E-16	1.32E-16	4.89E-16	4.89E-16	9.73E-01	0.00E+00	4.73E+01	2.08E+02	1.98E+02	2.88E+04	3.90E-01
1,2-Dichloroethane	1.01E-14	1.01E-14	1.00E-14	1.00E-14	1.00E-14	1.00E-14	1.53E-14	1.53E-14	9.86E-01	0.00E+00	4.73E+01	2.52E+02	1.97E+02	6.48E+05	3.90E-01
1,2-dichlorobenzene	9.29E-17	9.29E-17	8.47E-17	8.47E-17	8.47E-17	8.47E-17	1.28E-15	1.28E-15	9.06E-01	0.00E+00	4.73E+01	2.17E+02	1.69E+02	4.92E+05	3.90E-01
1,3,5-Trimethylbenzene	2.01E-15	2.01E-15	1.73E-15	1.73E-15	1.73E-15	1.73E-15	4.24E-14	4.24E-14	8.59E-01	0.00E+00	4.73E+01	2.32E+02	1.80E+02	4.49E+05	3.90E-01
1,3-Butadiene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-01	0.00E+00	4.73E+01	2.61E+02	2.02E+02	6.32E+05	3.90E-01
1,3-Dichloropropane	1.19E-16	1.19E-16	1.17E-16	1.17E-16	1.17E-16	1.17E-16	3.37E-16	3.37E-16	9.78E-01	0.00E+00	4.73E+01	2.50E+02	1.96E+02	5.15E+05	3.90E-01
1,3-dichlorobenzene	1.76E-16	1.76E-16	1.45E-16	1.45E-16	1.45E-16	1.45E-16	4.91E-15	4.91E-15	8.15E-01	0.00E+00	4.73E+01	2.17E+02	1.68E+02	4.93E+05	3.90E-01
1,4-Dioxane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	1.33E+02	2.01E+02	1.10E+06	3.90E-01
1,4-dichlorobenzene	2.66E-15	2.66E-15	2.29E-15	2.29E-15	2.29E-15	2.29E-15	5.65E-14	5.65E-14	8.58E-01	0.00E+00	4.73E+01	2.18E+02	1.69E+02	4.92E+05	3.90E-01
1-Methylnaphthalene	1.78E-13	1.78E-13	1.79E-13	1.79E-13	1.79E-13	1.79E-13	1.43E-14	1.43E-14	9.96E-01	0.00E+00	4.73E+01	2.13E+02	1.68E+02	4.11E+05	3.90E-01
1-Methylphenanthrene	3.20E-14	3.20E-14	3.21E-14	3.21E-14	3.21E-14	3.21E-14	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
2,3,4,6,7,8-HxCDF	2.73E-15	3.76E-15	9.52E-18	1.31E-17	1.69E-18	2.33E-18	4.18E-13	5.74E-13	3.46E-03	0.00E+00	4.73E+01	8.09E+01	1.70E+02	2.23E+05	3.90E-01
2,3,4,7,8-PeCDF	3.88E-15	4.48E-15	1.87E-17	2.16E-17	7.60E-18	8.77E-18	5.93E-13	6.84E-13	4.79E-03	0.00E+00	4.73E+01	4.70E+01	1.70E+02	2.31E+05	3.90E-01
2,3,5-Trimethylnaphthalene	1.56E-14	1.56E-14	1.56E-14	1.56E-14	1.56E-14	1.56E-14	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
2,3,7,8-TCDD	5.95E-16	6.37E-16	2.29E-18	2.45E-18	5.85E-19	6.26E-19	9.10E-14	9.74E-14	3.82E-03	0.00E+00	4.73E+01	1.50E+02	1.34E+02	6.48E+05	3.90E-01
2,3,7,8-TCDF	1.92E-15	1.97E-15	1.49E-17	1.53E-17	9.41E-18	9.64E-18	2.92E-13	2.99E-13	7.71E-03	0.00E+00	4.73E+01	9.02E+01	1.41E+02	2.39E+05	3.90E-01
2,4-Dimethylphenol	5.48E-13	5.48E-13	5.25E-13	5.25E-13	5.25E-13	5.25E-13	3.83E-12	3.83E-12	9.51E-01	0.00E+00	4.73E+01	2.96E+00	1.98E+02	2.88E+04	3.90E-01
2,4-Dinitrotoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-01	0.00E+00	4.73E+01	4.77E+00	1.57E+02	1.01E+06	3.90E-01
2,6-Dimethylnaphthalene	4.16E-14	4.16E-14	4.17E-14	4.17E-14	4.17E-14	4.17E-14	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
2,6-Dinitrotoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.83E-01	0.00E+00	4.73E+01	1.12E+00	1.98E+02	2.88E+04	3.90E-01
2-Butanone	1.90E-12	1.90E-12	1.90E-12	1.90E-12	1.90E-12	1.90E-12	1.52E-13	1.52E-13	9.96E-01	0.00E+00	4.73E+01	2.18E+02	1.95E+02	5.47E+05	3.90E-01
2-Chlorophenol	3.85E-14	3.85E-14	3.50E-14	3.50E-14	3.50E-14	3.50E-14	5.44E-13	5.44E-13	9.04E-01	0.00E+00	4.73E+01	1.78E+02	1.98E+02	2.88E+04	3.90E-01
2-Chlorotoluene	1.62E-15	1.62E-15	1.48E-15	1.48E-15	1.48E-15	1.48E-15	2.26E-14	2.26E-14	9.05E-01	0.00E+00	4.73E+01	2.33E+02	1.81E+02	4.62E+05	3.90E-01
2-Hexanone	2.06E-13	2.06E-13	2.06E-13	2.06E-13	2.06E-13	2.06E-13	1.23E-13	1.23E-13	9.92E-01	0.00E+00	4.73E+01	2.09E+02	1.77E+02	4.99E+05	3.90E-01
2-Methylnaphthalene	1.73E-13	1.73E-13	1.74E-13	1.74E-13	1.74E-13	1.74E-13	1.39E-14	1.39E-14	9.96E-01	0.00E+00	4.73E+01	2.12E+02	1.67E+02	4.09E+05	3.90E-01
2-Methylphenol	2.09E-11	2.09E-11	2.05E-11	2.05E-11	2.05E-11	2.05E-11	6.78E-11	6.78E-11	9.75E-01	0.00E+00	4.73E+01	2.82E+01	1.75E+02	5.16E+05	3.90E-01
2-Nitrophenol	1.67E-13	1.67E-13	1.65E-13	1.65E-13	1.65E-13	1.65E-13	3.80E-13	3.80E-13	9.81E-01	0.00E+00	4.73E+01	1.35E+01	1.98E+02	2.88E+04	3.90E-01
3-Methylphenol & 4-Methylphenol	8.14E-13	8.14E-13	8.16E-13	8.16E-13	8.16E-13	8.16E-13	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
4-Nitrophenol	2.75E-13	2.75E-13	2.71E-13	2.71E-13	2.71E-13	2.71E-13	8.18E-13	8.18E-13	9.77E-01	0.00E+00	4.73E+01	6.22E-04	1.98E+02	2.88E+04	3.90E-01



Table G-36: Total Waterbody COPC Concentration Used in Fish Tissue Model Calculations Based on a 30-Year ACI Operational Time Frame and 3-Year Exposure Duration

COPC	Total Waterbody COPC Concentration		Total COPC Concentration in Water Column		Dissolved Phase Water Concentration		COPC Concentration Sorbed to Bed Sediment		Fraction of Total Waterbody COPC Concentration in Water Column	Overall Total Waterbody Dissipation Rate Constant	Water Column Volatilization Rate	Overall COPC Transfer Rate Coefficient	Liquid Phase Transfer Coefficient	Gas Phase Transfer Coefficient	Benthic Burial Rate Constant
	C_{wtot}		C_{wctot}		C_{dw}		C_{sb}		f_{wc}	k_{wt}	k_v	K_v	K_L	K_G	k_b
	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	--	--	--	--	--	--	--
	g COPC/m ³ Waterbody		mg COPC/L water column		mg COPC/L water		mg COPC/kg sediment		unitless	yr ⁻¹	yr ⁻¹	m/yr	m/yr	m/yr	yr ⁻¹
Acenaphthylene	1.46E-13	1.46E-13	1.47E-13	1.47E-13	1.47E-13	1.47E-13	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Acenaphthene	9.45E-14	9.45E-14	4.16E-14	4.16E-14	4.15E-14	4.15E-14	8.13E-12	8.13E-12	4.38E-01	0.00E+00	4.73E+01	1.24E+02	1.98E+02	2.88E+04	3.90E-01
Acetaldehyde	7.12E-11	7.12E-11	7.14E-11	7.14E-11	7.14E-11	7.14E-11	1.43E-12	1.43E-12	9.96E-01	0.00E+00	4.73E+01	2.91E+02	2.49E+02	7.29E+05	3.90E-01
Acetophenone	2.06E-11	2.06E-11	2.05E-11	2.05E-11	2.05E-11	2.05E-11	2.93E-11	2.93E-11	9.87E-01	0.00E+00	4.73E+01	1.21E+02	1.81E+02	4.48E+05	3.90E-01
Aluminum	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Anthracene	7.30E-13	7.30E-13	1.04E-13	1.04E-13	1.02E-13	1.02E-13	9.61E-11	9.61E-11	1.42E-01	0.00E+00	4.73E+01	7.06E+01	1.98E+02	2.88E+04	3.90E-01
Antimony	1.25E-15	1.25E-15	9.69E-16	9.69E-16	9.68E-16	9.68E-16	4.36E-14	4.36E-14	7.70E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Arsenic	2.09E-14	2.09E-14	1.76E-14	1.76E-14	1.76E-14	1.76E-14	5.10E-13	5.10E-13	8.37E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Barium	1.07E-11	1.35E-11	8.44E-12	1.07E-11	8.44E-12	1.07E-11	3.46E-10	4.38E-10	7.86E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Benzene	5.96E-13	5.96E-13	5.88E-13	5.88E-13	5.88E-13	5.88E-13	1.45E-12	1.45E-12	9.80E-01	0.00E+00	4.73E+01	2.59E+02	2.01E+02	5.79E+05	3.90E-01
Benzo(a)anthracene	2.87E-11	2.88E-11	3.85E-13	3.86E-13	3.04E-13	3.04E-13	4.35E-09	4.35E-09	1.33E-02	0.00E+00	4.73E+01	5.47E+01	1.84E+02	4.02E+05	3.90E-01
Benzo(a)pyrene	1.44E-11	1.44E-11	9.76E-14	9.77E-14	5.65E-14	5.66E-14	2.19E-09	2.19E-09	6.74E-03	0.00E+00	4.73E+01	1.89E+01	1.84E+02	3.58E+05	3.90E-01
Benzo(b)fluoranthene	2.72E-12	2.73E-12	1.77E-14	1.77E-14	9.91E-15	9.91E-15	4.15E-10	4.15E-10	6.45E-03	0.00E+00	4.73E+01	1.01E+02	1.98E+02	2.88E+04	3.90E-01
Benzo(e)pyrene	7.92E-15	7.93E-15	7.94E-15	7.95E-15	7.94E-15	7.95E-15	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Benzo(g,h,i)perylene	5.98E-15	5.99E-15	6.00E-15	6.00E-15	6.00E-15	6.00E-15	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Benzo(k)fluoranthene	2.49E-14	2.85E-14	1.67E-16	1.91E-16	9.55E-17	1.09E-16	3.79E-12	4.34E-12	6.65E-03	0.00E+00	4.73E+01	1.24E+00	1.98E+02	2.88E+04	3.90E-01
Benzoic acid	1.23E-11	1.23E-11	1.23E-11	1.23E-11	1.23E-11	1.23E-11	2.96E-13	2.96E-13	9.96E-01	0.00E+00	4.73E+01	4.22E+00	1.70E+02	2.88E+04	3.90E-01
Benzyl alcohol	7.65E-14	7.65E-14	7.65E-14	7.65E-14	7.65E-14	7.65E-14	3.67E-14	3.67E-14	9.93E-01	0.00E+00	4.73E+01	5.04E-01	1.98E+02	2.88E+04	3.90E-01
Beryllium	8.12E-15	8.12E-15	1.33E-15	1.33E-15	1.32E-15	1.32E-15	1.04E-12	1.04E-12	1.63E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Biphenyl	6.00E-13	6.00E-13	6.01E-13	6.01E-13	6.01E-13	6.01E-13	1.20E-13	1.20E-13	9.95E-01	0.00E+00	4.73E+01	2.05E+02	1.64E+02	3.81E+05	3.90E-01
Bromobenzene	2.63E-14	2.63E-14	2.49E-14	2.49E-14	2.48E-14	2.48E-14	2.33E-13	2.33E-13	9.39E-01	0.00E+00	4.73E+01	2.43E+02	1.89E+02	4.16E+05	3.90E-01
Bromochloromethane	1.20E-16	1.20E-16	1.19E-16	1.19E-16	1.19E-16	1.19E-16	1.05E-16	1.05E-16	9.90E-01	0.00E+00	4.73E+01	2.90E+02	2.26E+02	5.37E+05	3.90E-01
Bromodichloromethane	9.46E-17	9.46E-17	9.35E-17	9.35E-17	9.35E-17	9.35E-17	2.07E-16	2.07E-16	9.82E-01	0.00E+00	4.73E+01	2.31E+02	1.98E+02	2.88E+04	3.90E-01
Bromoform	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-01	0.00E+00	4.73E+01	2.61E+02	2.02E+02	1.76E+05	3.90E-01
Bromomethane	2.00E-15	2.00E-15	2.00E-15	2.00E-15	2.00E-15	2.00E-15	7.20E-16	7.20E-16	9.94E-01	0.00E+00	4.73E+01	2.90E+02	2.25E+02	5.10E+05	3.90E-01
Butyl benzyl phthalate	6.01E-13	6.01E-13	1.33E-13	1.33E-13	1.31E-13	1.31E-13	7.19E-11	7.19E-11	2.19E-01	0.00E+00	4.73E+01	1.93E+00	1.98E+02	2.88E+04	3.90E-01
Cadmium	3.37E-14	3.37E-14	2.27E-14	2.27E-14	2.26E-14	2.26E-14	1.70E-12	1.70E-12	6.69E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Carbazole	1.83E-15	1.83E-15	1.83E-15	1.84E-15	1.83E-15	1.84E-15	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Carbon dioxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Carbon disulfide	3.18E-16	3.18E-16	3.13E-16	3.13E-16	3.13E-16	3.13E-16	8.30E-16	8.30E-16	9.79E-01	0.00E+00	4.73E+01	2.56E+02	1.98E+02	6.48E+05	3.90E-01
Carbon monoxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Carbon tetrachloride	1.20E-17	1.20E-17	1.16E-17	1.16E-17	1.16E-17	1.16E-17	7.05E-17	7.05E-17	9.58E-01	0.00E+00	4.73E+01	2.35E+02	1.82E+02	5.34E+05	3.90E-01
Chlordecone (Kepone)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-01	0.00E+00	4.73E+01	5.91E-01	1.23E+02	2.12E+05	3.90E-01
Chlorobenzene	4.26E-15	4.26E-15	4.04E-15	4.04E-15	4.04E-15	4.04E-15	3.62E-14	3.62E-14	9.41E-01	0.00E+00	4.73E+01	2.32E+02	1.80E+02	5.11E+05	3.90E-01
Chlorodibromomethane	4.39E-15	4.39E-15	4.32E-15	4.32E-15	4.32E-15	4.32E-15	1.21E-14	1.21E-14	9.78E-01	0.00E+00	4.73E+01	2.10E+02	1.98E+02	2.88E+04	3.90E-01
Chloroethane	3.80E-15	3.80E-15	3.79E-15	3.79E-15	3.79E-15	3.79E-15	2.35E-15	2.35E-15	9.92E-01	0.00E+00	4.73E+01	2.81E+02	2.17E+02	1.23E+06	3.90E-01
Chloroform	1.01E-15	1.01E-15	1.00E-15	1.00E-15	1.00E-15	1.00E-15	2.10E-15	2.10E-15	9.83E-01	0.00E+00	4.73E+01	2.55E+02	1.98E+02	6.48E+05	3.90E-01
Chloromethane	7.63E-15	7.63E-15	7.64E-15	7.64E-15	7.64E-15	7.64E-15	1.91E-15	1.91E-15	9.94E-01	0.00E+00	4.73E+01	1.92E+02	1.48E+02	7.37E+05	3.90E-01
Chromium	3.54E-13	4.05E-13	3.16E-13	3.61E-13	3.16E-13	3.61E-13	6.00E-12	6.86E-12	8.86E-01	0.00E+00	4.73E+01	3.22E+02	2.49E+02	7.39E+05	3.90E-01
Chrysene	5.56E-12	5.62E-12	6.83E-14	6.91E-14	5.25E-14	5.31E-14	8.43E-10	8.52E-10	1.22E-02	0.00E+00	4.73E+01	9.15E+01	1.98E+02	2.88E+04	3.90E-01
Cobalt	8.07E-13	1.03E-12	8.09E-13	1.04E-12	8.09E-13	1.04E-12	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Copper	9.72E-13	1.21E-12	9.74E-13	1.21E-12	9.74E-13	1.21E-12	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
DDD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-03	0.00E+00	4.73E+01	1.16E+01	1.98E+02	2.88E+04	3.90E-01
DDE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-02	0.00E+00	4.73E+01	2.80E+01	1.98E+02	2.88E+04	3.90E-01
Di-n-butyl phthalate	3.23E-12	3.23E-12	2.30E-12	2.30E-12	2.30E-12	2.30E-12	1.44E-10	1.44E-10	7.06E-01	0.00E+00	4.73E+01	2.94E+01	1.68E+02	3.63E+05	3.90E-01
Di-n-octyl phthalate	1.62E-12	1.62E-12	4.72E-15	4.72E-15	6.76E-17	6.76E-17	2.48E-10	2.48E-10	2.89E-03	0.00E+00	4.73E+01	7.21E+01	1.98E+02	2.88E+04	3.90E-01
Dibenzo(a,h)anthracene	3.60E-13	3.77E-13	1.80E-15	1.89E-15	7.68E-16	8.05E-16	5.50E-11	5.76E-11	4.96E-03	0.00E+00	4.73E+01	2.25E-02	1.98E+02	2.88E+04	3.90E-01



Table G-36: Total Waterbody COPC Concentration Used in Fish Tissue Model Calculations Based on a 30-Year ACI Operational Time Frame and 3-Year Exposure Duration

COPC	Total Waterbody COPC Concentration		Total COPC Concentration in Water Column		Dissolved Phase Water Concentration		COPC Concentration Sorbed to Bed Sediment		Fraction of Total Waterbody COPC Concentration in Water Column	Overall Total Waterbody Dissipation Rate Constant	Water Column Volatilization Rate	Overall COPC Transfer Rate Coefficient	Liquid Phase Transfer Coefficient	Gas Phase Transfer Coefficient	Benthic Burial Rate Constant
	C_{wtot}		C_{wctot}		C_{dw}		C_{sb}		f_{wc}	k_{wt}	k_v	K_v	K_L	K_G	k_b
	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	--	--	--	--	--	--	--
	g COPC/m ³ Waterbody		mg COPC/L water column		mg COPC/L water		mg COPC/kg sediment		unitless	yr ⁻¹	yr ⁻¹	m/yr	m/yr	m/yr	yr ⁻¹
Dibenzofuran	5.22E-14	5.22E-14	5.22E-14	5.22E-14	5.22E-14	5.22E-14	1.88E-14	1.88E-14	9.94E-01	0.00E+00	4.73E+01	2.01E+02	1.61E+02	4.73E+05	3.90E-01
Dibromomethane	3.45E-16	3.45E-16	3.43E-16	3.43E-16	3.43E-16	3.43E-16	4.36E-16	4.36E-16	9.88E-01	0.00E+00	4.73E+01	2.14E+02	1.98E+02	2.88E+04	3.90E-01
Dichlorobiphenyl	6.58E-14	6.59E-14	8.22E-16	8.23E-16	6.35E-16	6.36E-16	9.97E-12	9.98E-12	1.24E-02	0.00E+00	4.73E+01	1.57E+02	1.98E+02	2.88E+04	3.90E-01
Dichlorodifluoromethane	1.28E-18	1.28E-18	1.26E-18	1.26E-18	1.26E-18	1.26E-18	3.10E-18	3.10E-18	9.80E-01	0.00E+00	4.73E+01	2.56E+02	1.98E+02	2.88E+04	3.90E-01
Dieldrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-01	0.00E+00	4.73E+01	2.07E+01	1.98E+02	2.88E+04	3.90E-01
Dimethyl phthalate	5.05E-14	5.05E-14	5.02E-14	5.02E-14	5.02E-14	5.02E-14	6.88E-14	6.88E-14	9.87E-01	0.00E+00	4.73E+01	2.33E+00	1.45E+02	4.32E+05	3.90E-01
Ethylbenzene	7.94E-14	7.94E-14	7.56E-14	7.56E-14	7.56E-14	7.56E-14	6.17E-13	6.17E-13	9.46E-01	0.00E+00	4.73E+01	2.16E+02	1.68E+02	5.20E+05	3.90E-01
Fluoranthene	2.11E-12	2.11E-12	1.58E-13	1.58E-13	1.52E-13	1.52E-13	2.99E-10	2.99E-10	7.44E-02	0.00E+00	4.73E+01	2.19E+01	1.98E+02	2.88E+04	3.90E-01
Fluorene	9.59E-13	9.59E-13	3.20E-13	3.20E-13	3.18E-13	3.18E-13	9.82E-11	9.82E-11	3.32E-01	0.00E+00	4.73E+01	6.98E+01	1.98E+02	2.88E+04	3.90E-01
Formaldehyde	3.52E-10	3.52E-10	3.53E-10	3.53E-10	3.53E-10	3.53E-10	3.18E-11	3.18E-11	9.95E-01	0.00E+00	4.73E+01	1.56E+01	3.13E+02	9.28E+05	3.90E-01
Heptachlorobiphenyl	2.46E-15	2.48E-15	1.09E-17	1.10E-17	3.83E-18	3.87E-18	3.76E-13	3.79E-13	4.39E-03	0.00E+00	4.73E+01	1.60E+02	1.98E+02	2.88E+04	3.90E-01
Hexachlorobiphenyl	9.97E-15	1.01E-14	4.41E-17	4.44E-17	1.55E-17	1.56E-17	1.52E-12	1.54E-12	4.39E-03	0.00E+00	4.73E+01	1.60E+02	1.98E+02	2.88E+04	3.90E-01
Hexachlorobutadiene	2.04E-14	2.04E-14	6.88E-15	6.88E-15	6.84E-15	6.84E-15	2.07E-12	2.07E-12	3.35E-01	0.00E+00	4.73E+01	1.85E+02	1.43E+02	4.28E+05	3.90E-01
Hydrogen Chloride	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	2.56E+02	1.98E+02	2.88E+04	3.90E-01
Hydrogen cyanide	5.91E-12	5.91E-12	5.93E-12	5.93E-12	5.93E-12	5.93E-12	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	3.42E+02	2.80E+02	8.93E+05	3.90E-01
Hydrogen sulfide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	4.37E+02	3.39E+02	9.63E+05	3.90E-01
Indeno(1,2,3-cd)pyrene	1.24E-12	1.28E-12	5.10E-15	5.28E-15	1.54E-15	1.60E-15	1.90E-10	1.96E-10	4.08E-03	0.00E+00	4.73E+01	2.38E+00	1.98E+02	2.88E+04	3.90E-01
Iron	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Isopropanol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	1.37E+02	2.14E+02	6.45E+05	3.90E-01
Isopropylbenzene	4.32E-17	4.32E-17	3.42E-17	3.42E-17	3.42E-17	3.42E-17	1.39E-15	1.39E-15	7.87E-01	0.00E+00	4.73E+01	2.03E+02	1.57E+02	4.73E+05	3.90E-01
Lead	1.30E-12	1.30E-12	1.91E-13	1.91E-13	1.89E-13	1.89E-13	1.70E-10	1.70E-10	1.46E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Manganese	2.49E-13	2.49E-13	2.49E-13	2.50E-13	2.49E-13	2.50E-13	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Mercury (+2)	6.67E-15	9.93E-15	4.07E-17	6.05E-17	1.73E-17	2.57E-17	1.02E-12	1.51E-12	6.06E-03	0.00E+00	4.73E+01	1.37E-02	1.28E+02	3.71E+05	3.90E-01
Mercury, elemental	2.64E-15	2.64E-15	1.30E-16	1.30E-16	0.00E+00	0.00E+00	3.85E-13	3.85E-13	4.88E-02	0.00E+00	4.73E+01	5.30E+02	4.14E+02	1.43E+05	3.90E-01
Methyl Isobutyl Ketone	3.55E-15	3.55E-15	3.54E-15	3.54E-15	3.54E-15	3.54E-15	2.16E-15	2.16E-15	9.92E-01	0.00E+00	4.73E+01	2.05E+02	1.68E+02	5.20E+05	3.90E-01
Methyl Mercury	1.17E-15	1.19E-15	1.08E-16	1.11E-16	3.05E-18	4.54E-18	1.63E-13	1.66E-13	9.22E-02	0.00E+00	4.73E+01	9.53E+00	1.42E+02	4.11E+05	3.90E-01
Methylene chloride	3.19E-14	3.19E-14	3.19E-14	3.19E-14	3.19E-14	3.19E-14	1.28E-14	1.28E-14	9.93E-01	0.00E+00	4.73E+01	2.83E+02	2.20E+02	6.35E+05	3.90E-01
Monochlorobiphenyl	4.60E-13	4.61E-13	5.75E-15	5.76E-15	4.44E-15	4.45E-15	6.97E-11	6.98E-11	1.24E-02	0.00E+00	4.73E+01	1.57E+02	1.98E+02	2.88E+04	3.90E-01
NOx (Oxides of Nitrogen)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Naphthalene	1.30E-12	1.30E-12	9.95E-13	9.95E-13	9.94E-13	9.94E-13	4.73E-11	4.73E-11	7.60E-01	0.00E+00	4.73E+01	2.07E+02	1.63E+02	4.43E+05	3.90E-01
Nickel	1.49E-13	1.49E-13	1.05E-13	1.05E-13	1.05E-13	1.05E-13	6.82E-12	6.82E-12	6.99E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Nonachlorobiphenyl	3.08E-16	3.11E-16	1.36E-18	1.37E-18	4.79E-19	4.84E-19	4.70E-14	4.75E-14	4.39E-03	0.00E+00	4.73E+01	1.60E+02	1.98E+02	2.88E+04	3.90E-01
OCDD	3.56E-15	5.33E-15	1.04E-17	1.55E-17	1.39E-19	2.09E-19	5.45E-13	8.16E-13	2.89E-03	0.00E+00	4.73E+01	1.05E+02	1.70E+02	5.74E+05	3.90E-01
OCDF	1.32E-15	1.99E-15	3.88E-18	5.83E-18	8.22E-20	1.23E-19	2.03E-13	3.05E-13	2.91E-03	0.00E+00	4.73E+01	1.89E+01	1.70E+02	2.11E+05	3.90E-01
Octachlorobiphenyl	7.32E-16	7.38E-16	3.23E-18	3.26E-18	1.14E-18	1.15E-18	1.12E-13	1.13E-13	4.39E-03	0.00E+00	4.73E+01	1.60E+02	1.98E+02	2.88E+04	3.90E-01
PM<10	1.22E-09	1.22E-09	1.23E-09	1.23E-09	1.23E-09	1.23E-09	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
PM<2.5	1.02E-09	1.02E-09	1.02E-09	1.02E-09	1.02E-09	1.02E-09	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Total Suspended Particulate	9.49E-10	9.50E-10	9.52E-10	9.53E-10	9.52E-10	9.53E-10	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Pentachlorobiphenyl	3.32E-14	3.35E-14	1.47E-16	1.48E-16	5.17E-17	5.21E-17	5.07E-12	5.12E-12	4.39E-03	0.00E+00	4.73E+01	1.60E+02	1.98E+02	2.88E+04	3.90E-01
Perylene	3.48E-15	3.48E-15	3.49E-15	3.49E-15	3.49E-15	3.49E-15	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Phenanthrene	5.56E-12	5.56E-12	7.15E-13	7.15E-13	7.01E-13	7.01E-13	7.44E-10	7.44E-10	1.28E-01	0.00E+00	4.73E+01	3.04E+01	1.98E+02	2.88E+04	3.90E-01
Phenol	1.28E-10	1.28E-10	1.27E-10	1.27E-10	1.27E-10	1.27E-10	1.53E-10	1.53E-10	9.88E-01	0.00E+00	4.73E+01	1.10E+01	1.86E+02	5.52E+05	3.90E-01
Phosphorus	8.53E-13	8.53E-13	8.55E-13	8.55E-13	8.55E-13	8.55E-13	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	5.04E+02	3.92E+02	1.07E+06	3.90E-01
Propionaldehyde	9.28E-13	9.28E-13	9.30E-13	9.30E-13	9.30E-13	9.30E-13	3.72E-14	3.72E-14	9.96E-01	0.00E+00	4.73E+01	2.62E+02	2.26E+02	6.74E+05	3.90E-01
Pyrene	2.84E-12	2.84E-12	1.59E-13	1.59E-13	1.51E-13	1.51E-13	4.12E-10	4.12E-10	5.56E-02	0.00E+00	4.73E+01	1.55E+01	1.98E+02	2.88E+04	3.90E-01
Pyridine	5.96E-12	5.96E-12	5.97E-12	5.97E-12	5.97E-12	5.97E-12	1.01E-12	1.01E-12	9.95E-01	0.00E+00	4.73E+01	1.20E+02	1.65E+02	5.92E+05	3.90E-01
Selenium	5.43E-15	5.43E-15	5.27E-15	5.27E-15	5.27E-15	5.27E-15	2.63E-14	2.63E-14	9.65E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01



Table G-36: Total Waterbody COPC Concentration Used in Fish Tissue Model Calculations Based on a 30-Year ACI Operational Time Frame and 3-Year Exposure Duration

COPC	Total Waterbody COPC Concentration		Total COPC Concentration in Water Column		Dissolved Phase Water Concentration		COPC Concentration Sorbed to Bed Sediment		Fraction of Total Waterbody COPC Concentration in Water Column	Overall Total Waterbody Dissipation Rate Constant	Water Column Volatilization Rate	Overall COPC Transfer Rate Coefficient	Liquid Phase Transfer Coefficient	Gas Phase Transfer Coefficient	Benthic Burial Rate Constant
	C_{wtot}		C_{wctot}		C_{dw}		C_{sb}		f_{wc}	k_{wt}	k_v	K_v	K_L	K_G	k_b
	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	--	--	--	--	--	--	--
	g COPC/m ³ Waterbody		mg COPC/L water column		mg COPC/L water		mg COPC/kg sediment		unitless	yr ⁻¹	yr ⁻¹	m/yr	m/yr	m/yr	yr ⁻¹
Silver	5.90E-15	6.21E-15	5.61E-15	5.91E-15	5.61E-15	5.91E-15	4.66E-14	4.90E-14	9.45E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Styrene	7.00E-13	7.00E-13	5.66E-13	5.66E-13	5.66E-13	5.66E-13	2.06E-11	2.06E-11	8.04E-01	0.00E+00	4.73E+01	2.20E+02	1.70E+02	5.02E+05	3.90E-01
Sulfur Dioxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Tetrachlorobiphenyl	1.96E-14	1.96E-14	2.45E-16	2.45E-16	1.89E-16	1.89E-16	2.97E-12	2.97E-12	1.24E-02	0.00E+00	4.73E+01	1.57E+02	1.98E+02	2.88E+04	3.90E-01
Tetrachloroethene	2.09E-17	2.09E-17	1.96E-17	1.96E-17	1.96E-17	1.96E-17	2.08E-16	2.08E-16	9.32E-01	0.00E+00	4.73E+01	2.24E+02	1.73E+02	5.06E+05	3.90E-01
Thallium (Soluble Salts)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Titanium	2.54E-15	2.54E-15	2.55E-15	2.55E-15	2.55E-15	2.55E-15	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Toluene	1.67E-13	1.67E-13	1.62E-13	1.62E-13	1.62E-13	1.62E-13	9.06E-13	9.06E-13	9.61E-01	0.00E+00	4.73E+01	2.31E+02	1.79E+02	5.75E+05	3.90E-01
Total Reduced Sulfur	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Trichlorobiphenyl	2.56E-14	2.57E-14	3.20E-16	3.21E-16	2.48E-16	2.48E-16	3.88E-12	3.89E-12	1.24E-02	0.00E+00	4.73E+01	1.57E+02	1.98E+02	2.88E+04	3.90E-01
Trichloroethene	1.21E-18	1.21E-18	1.18E-18	1.18E-18	1.18E-18	1.18E-18	4.47E-18	4.47E-18	9.72E-01	0.00E+00	4.73E+01	2.40E+02	1.86E+02	5.39E+05	3.90E-01
Trichlorofluoromethane	1.58E-18	1.58E-18	1.53E-18	1.53E-18	1.53E-18	1.53E-18	7.01E-18	7.01E-18	9.67E-01	0.00E+00	4.73E+01	2.51E+02	1.94E+02	5.75E+05	3.90E-01
Vinyl chloride	4.95E-16	4.95E-16	4.94E-16	4.94E-16	4.94E-16	4.94E-16	3.06E-16	3.06E-16	9.92E-01	0.00E+00	4.73E+01	2.94E+02	2.27E+02	6.56E+05	3.90E-01
Zinc	6.85E-12	6.85E-12	4.89E-12	4.89E-12	4.89E-12	4.89E-12	3.03E-10	3.03E-10	7.09E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
bis(2-Ethylhexyl) phthalate	1.87E-10	1.87E-10	6.73E-12	6.73E-12	6.21E-12	6.21E-12	2.76E-08	2.76E-08	3.58E-02	0.00E+00	4.73E+01	1.61E+00	1.01E+02	3.13E+05	3.90E-01
cis-1,2-Dichloroethene	1.63E-15	1.63E-15	1.62E-15	1.62E-15	1.62E-15	1.62E-15	2.47E-15	2.47E-15	9.86E-01	0.00E+00	4.73E+01	2.46E+02	1.98E+02	2.88E+04	3.90E-01
cis-1,3-Dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
m&p-Xylene	1.26E-14	1.26E-14	1.18E-14	1.18E-14	1.18E-14	1.18E-14	1.14E-13	1.14E-13	9.37E-01	0.00E+00	4.73E+01	1.34E+02	1.78E+02	1.18E+03	3.90E-01
n-Butylbenzene	1.13E-15	1.13E-15	1.13E-15	1.13E-15	1.13E-15	1.13E-15	4.54E-17	4.54E-17	9.96E-01	0.00E+00	4.73E+01	2.08E+02	1.61E+02	4.11E+05	3.90E-01
n-Propylbenzene	2.88E-15	2.88E-15	2.38E-15	2.38E-15	2.38E-15	2.38E-15	7.73E-14	7.73E-14	8.22E-01	0.00E+00	4.73E+01	2.17E+02	1.68E+02	4.49E+05	3.90E-01
o-Xylene	1.49E-14	1.49E-14	1.40E-14	1.40E-14	1.40E-14	1.40E-14	1.35E-13	1.35E-13	9.37E-01	0.00E+00	4.73E+01	2.55E+02	1.98E+02	5.75E+05	3.90E-01
p-Chloroaniline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.80E-01	0.00E+00	4.73E+01	1.73E+00	1.98E+02	2.88E+04	3.90E-01
p-Chlorotoluene	3.63E-16	3.63E-16	3.32E-16	3.32E-16	3.31E-16	3.31E-16	4.97E-15	4.97E-15	9.07E-01	0.00E+00	4.73E+01	2.32E+02	1.80E+02	4.61E+05	3.90E-01
p-Isopropyltoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
sec-Butylbenzene	1.91E-16	1.91E-16	1.91E-16	1.91E-16	1.91E-16	1.91E-16	7.66E-18	7.66E-18	9.96E-01	0.00E+00	4.73E+01	2.08E+02	1.61E+02	4.11E+05	3.90E-01
tert-Butylbenzene	4.89E-15	4.89E-15	4.90E-15	4.90E-15	4.90E-15	4.90E-15	1.96E-16	1.96E-16	9.96E-01	0.00E+00	4.73E+01	2.08E+02	1.61E+02	4.12E+05	3.90E-01
trans-1,2-Dichloroethene	1.77E-14	1.77E-14	1.75E-14	1.75E-14	1.75E-14	1.75E-14	2.67E-14	2.67E-14	9.86E-01	0.00E+00	4.73E+01	2.87E+02	2.22E+02	4.98E+05	3.90E-01
trans-1,3-Dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01



Table G-37: Total Waterbody COPC Concentration Used in Fish Tissue Model Calculations Based on a 30-Year ACI Operational Time Frame and 6-Year Exposure Duration

COPC	Total Waterbody COPC Concentration		Total COPC Concentration in Water Column		Dissolved Phase Water Concentration		COPC Concentration Sorbed to Bed Sediment		Fraction of Total Waterbody COPC Concentration in Water Column	Overall Total Waterbody Dissipation Rate Constant	Water Column Volatilization Rate	Overall COPC Transfer Rate Coefficient	Liquid Phase Transfer Coefficient	Gas Phase Transfer Coefficient	Benthic Burial Rate Constant
	C _{wtot}		C _{wctot}		C _{dw}		C _{sb}		f _{wc}	k _{wt}	k _v	K _v	K _L	K _G	k _b
	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	--	--	--	--	--	--	--
	g COPC/m ³ Waterbody		mg COPC/L water column		mg COPC/L water		mg COPC/kg sediment		unitless	yr ⁻¹	yr ⁻¹	m/yr	m/yr	m/yr	yr ⁻¹
1,1,1,2-Tetrachloroethane	1.65E-16	1.65E-16	1.54E-16	1.54E-16	1.54E-16	1.54E-16	1.85E-15	1.85E-15	9.24E-01	0.00E+00	4.73E+01	2.18E+02	1.69E+02	5.02E+05	3.90E-01
1,1,1-Trichloroethane	2.66E-17	2.66E-17	2.57E-17	2.57E-17	2.57E-17	2.57E-17	1.39E-16	1.39E-16	9.62E-01	0.00E+00	4.73E+01	2.35E+02	1.82E+02	5.34E+05	3.90E-01
1,1-Dichloroethene	1.81E-18	1.81E-18	1.78E-18	1.78E-18	1.78E-18	1.78E-18	4.63E-18	4.63E-18	9.79E-01	0.00E+00	4.73E+01	2.63E+02	2.03E+02	5.88E+05	3.90E-01
1,2,3,4,6,7,8-HpCDD	5.31E-15	7.94E-15	1.55E-17	2.33E-17	3.29E-19	4.92E-19	8.12E-13	1.21E-12	2.91E-03	0.00E+00	4.73E+01	1.38E+02	1.70E+02	5.90E+05	3.90E-01
1,2,3,4,6,7,8-HpCDF	5.15E-15	7.63E-15	1.60E-17	2.38E-17	1.27E-18	1.88E-18	7.87E-13	1.17E-12	3.09E-03	0.00E+00	4.73E+01	9.24E+01	1.70E+02	2.17E+05	3.90E-01
1,2,3,4,7,8,9-HpCDF	7.78E-16	1.07E-15	2.42E-18	3.35E-18	1.92E-19	2.65E-19	1.19E-13	1.64E-13	3.09E-03	0.00E+00	4.73E+01	9.20E+01	1.70E+02	2.17E+05	3.90E-01
1,2,3,4,7,8-HxCDD	7.46E-16	1.05E-15	2.21E-18	3.11E-18	7.33E-20	1.03E-19	1.14E-13	1.60E-13	2.95E-03	0.00E+00	4.73E+01	1.33E+02	1.70E+02	6.07E+05	3.90E-01
1,2,3,4,7,8-HxCDF	5.15E-15	7.18E-15	1.80E-17	2.50E-17	3.19E-18	4.45E-18	7.87E-13	1.10E-12	3.46E-03	0.00E+00	4.73E+01	9.47E+01	1.70E+02	2.23E+05	3.90E-01
1,2,3,6,7,8-HxCDD	1.43E-15	1.96E-15	5.00E-18	6.83E-18	8.89E-19	1.21E-18	2.19E-13	2.99E-13	3.46E-03	0.00E+00	4.73E+01	6.13E+01	1.70E+02	2.23E+05	3.90E-01
1,2,3,6,7,8-HxCDF	1.90E-15	2.63E-15	6.04E-18	8.37E-18	5.90E-19	8.18E-19	2.91E-13	4.03E-13	3.16E-03	0.00E+00	4.73E+01	1.35E+02	1.70E+02	6.07E+05	3.90E-01
1,2,3,7,8,9-HxCDD	2.08E-15	2.98E-15	6.61E-18	9.47E-18	6.46E-19	9.26E-19	3.18E-13	4.56E-13	3.16E-03	0.00E+00	4.73E+01	1.35E+02	1.70E+02	6.07E+05	3.90E-01
1,2,3,7,8,9-HxCDF	1.54E-16	2.02E-16	5.38E-19	7.06E-19	9.56E-20	1.25E-19	2.36E-14	3.10E-14	3.46E-03	0.00E+00	4.73E+01	8.09E+01	1.70E+02	2.23E+05	3.90E-01
1,2,3,7,8-PeCDD	1.77E-15	2.00E-15	7.57E-18	8.58E-18	2.51E-18	2.84E-18	2.70E-13	3.06E-13	4.25E-03	0.00E+00	4.73E+01	6.11E+01	1.70E+02	6.26E+05	3.90E-01
1,2,3,7,8-PeCDF	2.46E-15	2.77E-15	9.52E-18	1.07E-17	2.47E-18	2.79E-18	3.76E-13	4.24E-13	3.84E-03	0.00E+00	4.73E+01	4.71E+01	1.70E+02	2.31E+05	3.90E-01
1,2,3-Trichlorobenzene	2.00E-15	2.00E-15	1.33E-15	1.33E-15	1.33E-15	1.33E-15	1.03E-13	1.03E-13	6.62E-01	0.00E+00	4.73E+01	2.25E+02	1.98E+02	2.88E+04	3.90E-01
1,2,3-Trichloropropane	3.88E-16	3.88E-16	3.85E-16	3.85E-16	3.85E-16	3.85E-16	7.08E-16	7.08E-16	9.84E-01	0.00E+00	4.73E+01	2.14E+02	1.69E+02	5.02E+05	3.90E-01
1,2,4-Trimethylbenzene	3.04E-15	3.04E-15	2.63E-15	2.63E-15	2.63E-15	2.63E-15	6.45E-14	6.45E-14	8.58E-01	0.00E+00	4.73E+01	2.19E+02	1.69E+02	4.51E+05	3.90E-01
1,2,4-trichlorobenzene	7.36E-16	7.36E-16	5.15E-16	5.15E-16	5.14E-16	5.14E-16	3.41E-14	3.41E-14	6.95E-01	0.00E+00	4.73E+01	2.22E+02	1.74E+02	2.82E+05	3.90E-01
1,2-Dibromoethane	1.35E-16	1.35E-16	1.32E-16	1.32E-16	1.32E-16	1.32E-16	4.89E-16	4.89E-16	9.73E-01	0.00E+00	4.73E+01	2.08E+02	1.98E+02	2.88E+04	3.90E-01
1,2-Dichloroethane	1.01E-14	1.01E-14	1.00E-14	1.00E-14	1.00E-14	1.00E-14	1.53E-14	1.53E-14	9.86E-01	0.00E+00	4.73E+01	2.52E+02	1.97E+02	6.48E+05	3.90E-01
1,2-dichlorobenzene	9.29E-17	9.29E-17	8.47E-17	8.47E-17	8.47E-17	8.47E-17	1.28E-15	1.28E-15	9.06E-01	0.00E+00	4.73E+01	2.17E+02	1.69E+02	4.92E+05	3.90E-01
1,3,5-Trimethylbenzene	2.01E-15	2.01E-15	1.73E-15	1.73E-15	1.73E-15	1.73E-15	4.24E-14	4.24E-14	8.59E-01	0.00E+00	4.73E+01	2.32E+02	1.80E+02	4.49E+05	3.90E-01
1,3-Butadiene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-01	0.00E+00	4.73E+01	2.61E+02	2.02E+02	6.32E+05	3.90E-01
1,3-Dichloropropane	1.19E-16	1.19E-16	1.17E-16	1.17E-16	1.17E-16	1.17E-16	3.37E-16	3.37E-16	9.78E-01	0.00E+00	4.73E+01	2.50E+02	1.96E+02	5.15E+05	3.90E-01
1,3-dichlorobenzene	1.76E-16	1.76E-16	1.45E-16	1.45E-16	1.45E-16	1.45E-16	4.91E-15	4.91E-15	8.15E-01	0.00E+00	4.73E+01	2.17E+02	1.68E+02	4.93E+05	3.90E-01
1,4-Dioxane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	1.33E+02	2.01E+02	1.10E+06	3.90E-01
1,4-dichlorobenzene	2.66E-15	2.66E-15	2.29E-15	2.29E-15	2.29E-15	2.29E-15	5.65E-14	5.65E-14	8.58E-01	0.00E+00	4.73E+01	2.18E+02	1.69E+02	4.92E+05	3.90E-01
1-Methylnaphthalene	1.78E-13	1.78E-13	1.79E-13	1.79E-13	1.79E-13	1.79E-13	1.43E-14	1.43E-14	9.96E-01	0.00E+00	4.73E+01	2.13E+02	1.68E+02	4.11E+05	3.90E-01
1-Methylphenanthrene	3.20E-14	3.20E-14	3.21E-14	3.21E-14	3.21E-14	3.21E-14	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
2,3,4,6,7,8-HxCDF	2.73E-15	3.76E-15	9.52E-18	1.31E-17	1.69E-18	2.33E-18	4.18E-13	5.74E-13	3.46E-03	0.00E+00	4.73E+01	8.09E+01	1.70E+02	2.23E+05	3.90E-01
2,3,4,7,8-PeCDF	3.88E-15	4.48E-15	1.87E-17	2.16E-17	7.60E-18	8.77E-18	5.93E-13	6.84E-13	4.79E-03	0.00E+00	4.73E+01	4.70E+01	1.70E+02	2.31E+05	3.90E-01
2,3,5-Trimethylnaphthalene	1.56E-14	1.56E-14	1.56E-14	1.56E-14	1.56E-14	1.56E-14	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
2,3,7,8-TCDD	5.95E-16	6.37E-16	2.29E-18	2.45E-18	5.85E-19	6.26E-19	9.10E-14	9.74E-14	3.82E-03	0.00E+00	4.73E+01	1.50E+02	1.34E+02	6.48E+05	3.90E-01
2,3,7,8-TCDF	1.92E-15	1.97E-15	1.49E-17	1.53E-17	9.41E-18	9.64E-18	2.92E-13	2.99E-13	7.71E-03	0.00E+00	4.73E+01	9.02E+01	1.41E+02	2.39E+05	3.90E-01
2,4-Dimethylphenol	5.48E-13	5.48E-13	5.25E-13	5.25E-13	5.25E-13	5.25E-13	3.83E-12	3.83E-12	9.51E-01	0.00E+00	4.73E+01	2.96E+00	1.98E+02	2.88E+04	3.90E-01
2,4-Dinitrotoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-01	0.00E+00	4.73E+01	4.77E+00	1.57E+02	1.01E+06	3.90E-01
2,6-Dimethylnaphthalene	4.16E-14	4.16E-14	4.17E-14	4.17E-14	4.17E-14	4.17E-14	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
2,6-Dinitrotoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.83E-01	0.00E+00	4.73E+01	1.12E+00	1.98E+02	2.88E+04	3.90E-01
2-Butanone	1.90E-12	1.90E-12	1.90E-12	1.90E-12	1.90E-12	1.90E-12	1.52E-13	1.52E-13	9.96E-01	0.00E+00	4.73E+01	2.18E+02	1.95E+02	5.47E+05	3.90E-01
2-Chlorophenol	3.85E-14	3.85E-14	3.50E-14	3.50E-14	3.50E-14	3.50E-14	5.44E-13	5.44E-13	9.04E-01	0.00E+00	4.73E+01	1.78E+02	1.98E+02	2.88E+04	3.90E-01
2-Chlorotoluene	1.62E-15	1.62E-15	1.48E-15	1.48E-15	1.48E-15	1.48E-15	2.26E-14	2.26E-14	9.05E-01	0.00E+00	4.73E+01	2.33E+02	1.81E+02	4.62E+05	3.90E-01
2-Hexanone	2.06E-13	2.06E-13	2.06E-13	2.06E-13	2.06E-13	2.06E-13	1.23E-13	1.23E-13	9.92E-01	0.00E+00	4.73E+01	2.09E+02	1.77E+02	4.99E+05	3.90E-01
2-Methylnaphthalene	1.73E-13	1.73E-13	1.74E-13	1.74E-13	1.74E-13	1.74E-13	1.39E-14	1.39E-14	9.96E-01	0.00E+00	4.73E+01	2.12E+02	1.67E+02	4.09E+05	3.90E-01
2-Methylphenol	2.09E-11	2.09E-11	2.05E-11	2.05E-11	2.05E-11	2.05E-11	6.78E-11	6.78E-11	9.75E-01	0.00E+00	4.73E+01	2.82E+01	1.75E+02	5.16E+05	3.90E-01
2-Nitrophenol	1.67E-13	1.67E-13	1.65E-13	1.65E-13	1.65E-13	1.65E-13	3.80E-13	3.80E-13	9.81E-01	0.00E+00	4.73E+01	1.35E+01	1.98E+02	2.88E+04	3.90E-01
3-Methylphenol & 4-Methylphenol	8.14E-13	8.14E-13	8.16E-13	8.16E-13	8.16E-13	8.16E-13	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
4-Nitrophenol	2.75E-13	2.75E-13	2.71E-13	2.71E-13	2.71E-13	2.71E-13	8.18E-13	8.18E-13	9.77E-01	0.00E+00	4.73E+01	6.22E-04	1.98E+02	2.88E+04	3.90E-01



Table G-37: Total Waterbody COPC Concentration Used in Fish Tissue Model Calculations Based on a 30-Year ACI Operational Time Frame and 6-Year Exposure Duration

COPC	Total Waterbody COPC Concentration		Total COPC Concentration in Water Column		Dissolved Phase Water Concentration		COPC Concentration Sorbed to Bed Sediment		Fraction of Total Waterbody COPC Concentration in Water Column	Overall Total Waterbody Dissipation Rate Constant	Water Column Volatilization Rate	Overall COPC Transfer Rate Coefficient	Liquid Phase Transfer Coefficient	Gas Phase Transfer Coefficient	Benthic Burial Rate Constant
	C_{wtot}		C_{wctot}		C_{dw}		C_{sb}		f_{wc}	k_{wt}	k_v	K_v	K_L	K_G	k_b
	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	--	--	--	--	--	--	--
	g COPC/m ³ Waterbody		mg COPC/L water column		mg COPC/L water		mg COPC/kg sediment		unitless	yr ⁻¹	yr ⁻¹	m/yr	m/yr	m/yr	yr ⁻¹
Acenaphthylene	1.46E-13	1.46E-13	1.47E-13	1.47E-13	1.47E-13	1.47E-13	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Acenaphthene	9.45E-14	9.45E-14	4.16E-14	4.16E-14	4.15E-14	4.15E-14	8.13E-12	8.13E-12	4.38E-01	0.00E+00	4.73E+01	1.24E+02	1.98E+02	2.88E+04	3.90E-01
Acetaldehyde	7.12E-11	7.12E-11	7.14E-11	7.14E-11	7.14E-11	7.14E-11	1.43E-12	1.43E-12	9.96E-01	0.00E+00	4.73E+01	2.91E+02	2.49E+02	7.29E+05	3.90E-01
Acetophenone	2.06E-11	2.06E-11	2.05E-11	2.05E-11	2.05E-11	2.05E-11	2.93E-11	2.93E-11	9.87E-01	0.00E+00	4.73E+01	1.21E+02	1.81E+02	4.48E+05	3.90E-01
Aluminum	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Anthracene	7.30E-13	7.30E-13	1.04E-13	1.04E-13	1.02E-13	1.02E-13	9.61E-11	9.61E-11	1.42E-01	0.00E+00	4.73E+01	7.06E+01	1.98E+02	2.88E+04	3.90E-01
Antimony	1.25E-15	1.25E-15	9.69E-16	9.69E-16	9.68E-16	9.68E-16	4.36E-14	4.36E-14	7.70E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Arsenic	2.09E-14	2.09E-14	1.76E-14	1.76E-14	1.76E-14	1.76E-14	5.10E-13	5.10E-13	8.37E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Barium	1.07E-11	1.35E-11	8.44E-12	1.07E-11	8.44E-12	1.07E-11	3.46E-10	4.38E-10	7.86E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Benzene	5.96E-13	5.96E-13	5.88E-13	5.88E-13	5.88E-13	5.88E-13	1.45E-12	1.45E-12	9.80E-01	0.00E+00	4.73E+01	2.59E+02	2.01E+02	5.79E+05	3.90E-01
Benzo(a)anthracene	2.87E-11	2.88E-11	3.85E-13	3.86E-13	3.04E-13	3.04E-13	4.35E-09	4.35E-09	1.33E-02	0.00E+00	4.73E+01	5.47E+01	1.84E+02	4.02E+05	3.90E-01
Benzo(a)pyrene	1.44E-11	1.44E-11	9.76E-14	9.77E-14	5.65E-14	5.66E-14	2.19E-09	2.19E-09	6.74E-03	0.00E+00	4.73E+01	1.89E+01	1.84E+02	3.58E+05	3.90E-01
Benzo(b)fluoranthene	2.72E-12	2.73E-12	1.77E-14	1.77E-14	9.91E-15	9.91E-15	4.15E-10	4.15E-10	6.45E-03	0.00E+00	4.73E+01	1.01E+02	1.98E+02	2.88E+04	3.90E-01
Benzo(e)pyrene	7.92E-15	7.93E-15	7.94E-15	7.95E-15	7.94E-15	7.95E-15	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Benzo(g,h,i)perylene	5.98E-15	5.99E-15	6.00E-15	6.00E-15	6.00E-15	6.00E-15	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Benzo(k)fluoranthene	2.49E-14	2.85E-14	1.67E-16	1.91E-16	9.55E-17	1.09E-16	3.79E-12	4.34E-12	6.65E-03	0.00E+00	4.73E+01	1.24E+00	1.98E+02	2.88E+04	3.90E-01
Benzoic acid	1.23E-11	1.23E-11	1.23E-11	1.23E-11	1.23E-11	1.23E-11	2.96E-13	2.96E-13	9.96E-01	0.00E+00	4.73E+01	4.22E+00	1.70E+02	2.88E+04	3.90E-01
Benzyl alcohol	7.65E-14	7.65E-14	7.65E-14	7.65E-14	7.65E-14	7.65E-14	3.67E-14	3.67E-14	9.93E-01	0.00E+00	4.73E+01	5.04E-01	1.98E+02	2.88E+04	3.90E-01
Beryllium	8.12E-15	8.12E-15	1.33E-15	1.33E-15	1.32E-15	1.32E-15	1.04E-12	1.04E-12	1.63E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Biphenyl	6.00E-13	6.00E-13	6.01E-13	6.01E-13	6.01E-13	6.01E-13	1.20E-13	1.20E-13	9.95E-01	0.00E+00	4.73E+01	2.05E+02	1.64E+02	3.81E+05	3.90E-01
Bromobenzene	2.63E-14	2.63E-14	2.49E-14	2.49E-14	2.48E-14	2.48E-14	2.33E-13	2.33E-13	9.39E-01	0.00E+00	4.73E+01	2.43E+02	1.89E+02	4.16E+05	3.90E-01
Bromochloromethane	1.20E-16	1.20E-16	1.19E-16	1.19E-16	1.19E-16	1.19E-16	1.05E-16	1.05E-16	9.90E-01	0.00E+00	4.73E+01	2.90E+02	2.26E+02	5.37E+05	3.90E-01
Bromodichloromethane	9.46E-17	9.46E-17	9.35E-17	9.35E-17	9.35E-17	9.35E-17	2.07E-16	2.07E-16	9.82E-01	0.00E+00	4.73E+01	2.31E+02	1.98E+02	2.88E+04	3.90E-01
Bromoform	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-01	0.00E+00	4.73E+01	2.61E+02	2.02E+02	1.76E+05	3.90E-01
Bromomethane	2.00E-15	2.00E-15	2.00E-15	2.00E-15	2.00E-15	2.00E-15	7.20E-16	7.20E-16	9.94E-01	0.00E+00	4.73E+01	2.90E+02	2.25E+02	5.10E+05	3.90E-01
Butyl benzyl phthalate	6.01E-13	6.01E-13	1.33E-13	1.33E-13	1.31E-13	1.31E-13	7.19E-11	7.19E-11	2.19E-01	0.00E+00	4.73E+01	1.93E+00	1.98E+02	2.88E+04	3.90E-01
Cadmium	3.37E-14	3.37E-14	2.27E-14	2.27E-14	2.26E-14	2.26E-14	1.70E-12	1.70E-12	6.69E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Carbazole	1.83E-15	1.83E-15	1.83E-15	1.84E-15	1.83E-15	1.84E-15	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Carbon dioxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Carbon disulfide	3.18E-16	3.18E-16	3.13E-16	3.13E-16	3.13E-16	3.13E-16	8.30E-16	8.30E-16	9.79E-01	0.00E+00	4.73E+01	2.56E+02	1.98E+02	6.48E+05	3.90E-01
Carbon monoxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Carbon tetrachloride	1.20E-17	1.20E-17	1.16E-17	1.16E-17	1.16E-17	1.16E-17	7.05E-17	7.05E-17	9.58E-01	0.00E+00	4.73E+01	2.35E+02	1.82E+02	5.34E+05	3.90E-01
Chlordecone (Kepone)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-01	0.00E+00	4.73E+01	5.91E-01	1.23E+02	2.12E+05	3.90E-01
Chlorobenzene	4.26E-15	4.26E-15	4.04E-15	4.04E-15	4.04E-15	4.04E-15	3.62E-14	3.62E-14	9.41E-01	0.00E+00	4.73E+01	2.32E+02	1.80E+02	5.11E+05	3.90E-01
Chlorodibromomethane	4.39E-15	4.39E-15	4.32E-15	4.32E-15	4.32E-15	4.32E-15	1.21E-14	1.21E-14	9.78E-01	0.00E+00	4.73E+01	2.10E+02	1.98E+02	2.88E+04	3.90E-01
Chloroethane	3.80E-15	3.80E-15	3.79E-15	3.79E-15	3.79E-15	3.79E-15	2.35E-15	2.35E-15	9.92E-01	0.00E+00	4.73E+01	2.81E+02	2.17E+02	1.23E+06	3.90E-01
Chloroform	1.01E-15	1.01E-15	1.00E-15	1.00E-15	1.00E-15	1.00E-15	2.10E-15	2.10E-15	9.83E-01	0.00E+00	4.73E+01	2.55E+02	1.98E+02	6.48E+05	3.90E-01
Chloromethane	7.63E-15	7.63E-15	7.64E-15	7.64E-15	7.64E-15	7.64E-15	1.91E-15	1.91E-15	9.94E-01	0.00E+00	4.73E+01	1.92E+02	1.48E+02	7.37E+05	3.90E-01
Chromium	3.54E-13	4.05E-13	3.16E-13	3.61E-13	3.16E-13	3.61E-13	6.00E-12	6.86E-12	8.86E-01	0.00E+00	4.73E+01	3.22E+02	2.49E+02	7.39E+05	3.90E-01
Chrysene	5.56E-12	5.62E-12	6.83E-14	6.91E-14	5.25E-14	5.31E-14	8.43E-10	8.52E-10	1.22E-02	0.00E+00	4.73E+01	9.15E+01	1.98E+02	2.88E+04	3.90E-01
Cobalt	8.07E-13	1.03E-12	8.09E-13	1.04E-12	8.09E-13	1.04E-12	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Copper	9.72E-13	1.21E-12	9.74E-13	1.21E-12	9.74E-13	1.21E-12	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
DDD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-03	0.00E+00	4.73E+01	1.16E+01	1.98E+02	2.88E+04	3.90E-01
DDE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-02	0.00E+00	4.73E+01	2.80E+01	1.98E+02	2.88E+04	3.90E-01
Di-n-butyl phthalate	3.23E-12	3.23E-12	2.30E-12	2.30E-12	2.30E-12	2.30E-12	1.44E-10	1.44E-10	7.06E-01	0.00E+00	4.73E+01	2.94E+01	1.68E+02	3.63E+05	3.90E-01
Di-n-octyl phthalate	1.62E-12	1.62E-12	4.72E-15	4.72E-15	6.76E-17	6.76E-17	2.48E-10	2.48E-10	2.89E-03	0.00E+00	4.73E+01	7.21E+01	1.98E+02	2.88E+04	3.90E-01
Dibenzo(a,h)anthracene	3.60E-13	3.77E-13	1.80E-15	1.89E-15	7.68E-16	8.05E-16	5.50E-11	5.76E-11	4.96E-03	0.00E+00	4.73E+01	2.25E-02	1.98E+02	2.88E+04	3.90E-01



Table G-37: Total Waterbody COPC Concentration Used in Fish Tissue Model Calculations Based on a 30-Year ACI Operational Time Frame and 6-Year Exposure Duration

COPC	Total Waterbody COPC Concentration		Total COPC Concentration in Water Column		Dissolved Phase Water Concentration		COPC Concentration Sorbed to Bed Sediment		Fraction of Total Waterbody COPC Concentration in Water Column	Overall Total Waterbody Dissipation Rate Constant	Water Column Volatilization Rate	Overall COPC Transfer Rate Coefficient	Liquid Phase Transfer Coefficient	Gas Phase Transfer Coefficient	Benthic Burial Rate Constant
	C_{wtot}		C_{wctot}		C_{dw}		C_{sb}		f_{wc}	k_{wt}	k_v	K_v	K_L	K_G	k_b
	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	--	--	--	--	--	--	--
	g COPC/m ³ Waterbody		mg COPC/L water column		mg COPC/L water		mg COPC/kg sediment		unitless	yr ⁻¹	yr ⁻¹	m/yr	m/yr	m/yr	yr ⁻¹
Dibenzofuran	5.22E-14	5.22E-14	5.22E-14	5.22E-14	5.22E-14	5.22E-14	1.88E-14	1.88E-14	9.94E-01	0.00E+00	4.73E+01	2.01E+02	1.61E+02	4.73E+05	3.90E-01
Dibromomethane	3.45E-16	3.45E-16	3.43E-16	3.43E-16	3.43E-16	3.43E-16	4.36E-16	4.36E-16	9.88E-01	0.00E+00	4.73E+01	2.14E+02	1.98E+02	2.88E+04	3.90E-01
Dichlorobiphenyl	6.58E-14	6.59E-14	8.22E-16	8.23E-16	6.35E-16	6.36E-16	9.97E-12	9.98E-12	1.24E-02	0.00E+00	4.73E+01	1.57E+02	1.98E+02	2.88E+04	3.90E-01
Dichlorodifluoromethane	1.28E-18	1.28E-18	1.26E-18	1.26E-18	1.26E-18	1.26E-18	3.10E-18	3.10E-18	9.80E-01	0.00E+00	4.73E+01	2.56E+02	1.98E+02	2.88E+04	3.90E-01
Dieldrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-01	0.00E+00	4.73E+01	2.07E+01	1.98E+02	2.88E+04	3.90E-01
Dimethyl phthalate	5.05E-14	5.05E-14	5.02E-14	5.02E-14	5.02E-14	5.02E-14	6.88E-14	6.88E-14	9.87E-01	0.00E+00	4.73E+01	2.33E+00	1.45E+02	4.32E+05	3.90E-01
Ethylbenzene	7.94E-14	7.94E-14	7.56E-14	7.56E-14	7.56E-14	7.56E-14	6.17E-13	6.17E-13	9.46E-01	0.00E+00	4.73E+01	2.16E+02	1.68E+02	5.20E+05	3.90E-01
Fluoranthene	2.11E-12	2.11E-12	1.58E-13	1.58E-13	1.52E-13	1.52E-13	2.99E-10	2.99E-10	7.44E-02	0.00E+00	4.73E+01	2.19E+01	1.98E+02	2.88E+04	3.90E-01
Fluorene	9.59E-13	9.59E-13	3.20E-13	3.20E-13	3.18E-13	3.18E-13	9.82E-11	9.82E-11	3.32E-01	0.00E+00	4.73E+01	6.98E+01	1.98E+02	2.88E+04	3.90E-01
Formaldehyde	3.52E-10	3.52E-10	3.53E-10	3.53E-10	3.53E-10	3.53E-10	3.18E-11	3.18E-11	9.95E-01	0.00E+00	4.73E+01	1.56E+01	3.13E+02	9.28E+05	3.90E-01
Heptachlorobiphenyl	2.46E-15	2.48E-15	1.09E-17	1.10E-17	3.83E-18	3.87E-18	3.76E-13	3.79E-13	4.39E-03	0.00E+00	4.73E+01	1.60E+02	1.98E+02	2.88E+04	3.90E-01
Hexachlorobiphenyl	9.97E-15	1.01E-14	4.41E-17	4.44E-17	1.55E-17	1.56E-17	1.52E-12	1.54E-12	4.39E-03	0.00E+00	4.73E+01	1.60E+02	1.98E+02	2.88E+04	3.90E-01
Hexachlorobutadiene	2.04E-14	2.04E-14	6.88E-15	6.88E-15	6.84E-15	6.84E-15	2.07E-12	2.07E-12	3.35E-01	0.00E+00	4.73E+01	1.85E+02	1.43E+02	4.28E+05	3.90E-01
Hydrogen Chloride	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	2.56E+02	1.98E+02	2.88E+04	3.90E-01
Hydrogen cyanide	5.91E-12	5.91E-12	5.93E-12	5.93E-12	5.93E-12	5.93E-12	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	3.42E+02	2.80E+02	8.93E+05	3.90E-01
Hydrogen sulfide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	4.37E+02	3.39E+02	9.63E+05	3.90E-01
Indeno(1,2,3-cd)pyrene	1.24E-12	1.28E-12	5.10E-15	5.28E-15	1.54E-15	1.60E-15	1.90E-10	1.96E-10	4.08E-03	0.00E+00	4.73E+01	2.38E+00	1.98E+02	2.88E+04	3.90E-01
Iron	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Isopropanol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	1.37E+02	2.14E+02	6.45E+05	3.90E-01
Isopropylbenzene	4.32E-17	4.32E-17	3.42E-17	3.42E-17	3.42E-17	3.42E-17	1.39E-15	1.39E-15	7.87E-01	0.00E+00	4.73E+01	2.03E+02	1.57E+02	4.73E+05	3.90E-01
Lead	1.30E-12	1.30E-12	1.91E-13	1.91E-13	1.89E-13	1.89E-13	1.70E-10	1.70E-10	1.46E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Manganese	2.49E-13	2.49E-13	2.49E-13	2.50E-13	2.49E-13	2.50E-13	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Mercury (+2)	6.67E-15	9.93E-15	4.07E-17	6.05E-17	1.73E-17	2.57E-17	1.02E-12	1.51E-12	6.06E-03	0.00E+00	4.73E+01	1.37E-02	1.28E+02	3.71E+05	3.90E-01
Mercury, elemental	2.64E-15	2.64E-15	1.30E-16	1.30E-16	0.00E+00	0.00E+00	3.85E-13	3.85E-13	4.88E-02	0.00E+00	4.73E+01	5.30E+02	4.14E+02	1.43E+05	3.90E-01
Methyl Isobutyl Ketone	3.55E-15	3.55E-15	3.54E-15	3.54E-15	3.54E-15	3.54E-15	2.16E-15	2.16E-15	9.92E-01	0.00E+00	4.73E+01	2.05E+02	1.68E+02	5.20E+05	3.90E-01
Methyl Mercury	1.17E-15	1.19E-15	1.08E-16	1.11E-16	3.05E-18	4.54E-18	1.63E-13	1.66E-13	9.22E-02	0.00E+00	4.73E+01	9.53E+00	1.42E+02	4.11E+05	3.90E-01
Methylene chloride	3.19E-14	3.19E-14	3.19E-14	3.19E-14	3.19E-14	3.19E-14	1.28E-14	1.28E-14	9.93E-01	0.00E+00	4.73E+01	2.83E+02	2.20E+02	6.35E+05	3.90E-01
Monochlorobiphenyl	4.60E-13	4.61E-13	5.75E-15	5.76E-15	4.44E-15	4.45E-15	6.97E-11	6.98E-11	1.24E-02	0.00E+00	4.73E+01	1.57E+02	1.98E+02	2.88E+04	3.90E-01
NOx (Oxides of Nitrogen)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Naphthalene	1.30E-12	1.30E-12	9.95E-13	9.95E-13	9.94E-13	9.94E-13	4.73E-11	4.73E-11	7.60E-01	0.00E+00	4.73E+01	2.07E+02	1.63E+02	4.43E+05	3.90E-01
Nickel	1.49E-13	1.49E-13	1.05E-13	1.05E-13	1.05E-13	1.05E-13	6.82E-12	6.82E-12	6.99E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Nonachlorobiphenyl	3.08E-16	3.11E-16	1.36E-18	1.37E-18	4.79E-19	4.84E-19	4.70E-14	4.75E-14	4.39E-03	0.00E+00	4.73E+01	1.60E+02	1.98E+02	2.88E+04	3.90E-01
OCDD	3.56E-15	5.33E-15	1.04E-17	1.55E-17	1.39E-19	2.09E-19	5.45E-13	8.16E-13	2.89E-03	0.00E+00	4.73E+01	1.05E+02	1.70E+02	5.74E+05	3.90E-01
OCDF	1.32E-15	1.99E-15	3.88E-18	5.83E-18	8.22E-20	1.23E-19	2.03E-13	3.05E-13	2.91E-03	0.00E+00	4.73E+01	1.89E+01	1.70E+02	2.11E+05	3.90E-01
Octachlorobiphenyl	7.32E-16	7.38E-16	3.23E-18	3.26E-18	1.14E-18	1.15E-18	1.12E-13	1.13E-13	4.39E-03	0.00E+00	4.73E+01	1.60E+02	1.98E+02	2.88E+04	3.90E-01
PM<10	1.22E-09	1.22E-09	1.23E-09	1.23E-09	1.23E-09	1.23E-09	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
PM<2.5	1.02E-09	1.02E-09	1.02E-09	1.02E-09	1.02E-09	1.02E-09	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Total Suspended Particulate	9.49E-10	9.50E-10	9.52E-10	9.53E-10	9.52E-10	9.53E-10	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Pentachlorobiphenyl	3.32E-14	3.35E-14	1.47E-16	1.48E-16	5.17E-17	5.21E-17	5.07E-12	5.12E-12	4.39E-03	0.00E+00	4.73E+01	1.60E+02	1.98E+02	2.88E+04	3.90E-01
Perylene	3.48E-15	3.48E-15	3.49E-15	3.49E-15	3.49E-15	3.49E-15	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Phenanthrene	5.56E-12	5.56E-12	7.15E-13	7.15E-13	7.01E-13	7.01E-13	7.44E-10	7.44E-10	1.28E-01	0.00E+00	4.73E+01	3.04E+01	1.98E+02	2.88E+04	3.90E-01
Phenol	1.28E-10	1.28E-10	1.27E-10	1.27E-10	1.27E-10	1.27E-10	1.53E-10	1.53E-10	9.88E-01	0.00E+00	4.73E+01	1.10E+01	1.86E+02	5.52E+05	3.90E-01
Phosphorus	8.53E-13	8.53E-13	8.55E-13	8.55E-13	8.55E-13	8.55E-13	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	5.04E+02	3.92E+02	1.07E+06	3.90E-01
Propionaldehyde	9.28E-13	9.28E-13	9.30E-13	9.30E-13	9.30E-13	9.30E-13	3.72E-14	3.72E-14	9.96E-01	0.00E+00	4.73E+01	2.62E+02	2.26E+02	6.74E+05	3.90E-01
Pyrene	2.84E-12	2.84E-12	1.59E-13	1.59E-13	1.51E-13	1.51E-13	4.12E-10	4.12E-10	5.56E-02	0.00E+00	4.73E+01	1.55E+01	1.98E+02	2.88E+04	3.90E-01
Pyridine	5.96E-12	5.96E-12	5.97E-12	5.97E-12	5.97E-12	5.97E-12	1.01E-12	1.01E-12	9.95E-01	0.00E+00	4.73E+01	1.20E+02	1.65E+02	5.92E+05	3.90E-01
Selenium	5.43E-15	5.43E-15	5.27E-15	5.27E-15	5.27E-15	5.27E-15	2.63E-14	2.63E-14	9.65E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01



Table G-37: Total Waterbody COPC Concentration Used in Fish Tissue Model Calculations Based on a 30-Year ACI Operational Time Frame and 6-Year Exposure Duration

COPC	Total Waterbody COPC Concentration		Total COPC Concentration in Water Column		Dissolved Phase Water Concentration		COPC Concentration Sorbed to Bed Sediment		Fraction of Total Waterbody COPC Concentration in Water Column	Overall Total Waterbody Dissipation Rate Constant	Water Column Volatilization Rate	Overall COPC Transfer Rate Coefficient	Liquid Phase Transfer Coefficient	Gas Phase Transfer Coefficient	Benthic Burial Rate Constant
	C_{wtot}		C_{wctot}		C_{dw}		C_{sb}		f_{wc}	k_{wt}	k_v	K_v	K_L	K_G	k_b
	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	--	--	--	--	--	--	--
	g COPC/m ³ Waterbody		mg COPC/L water column		mg COPC/L water		mg COPC/kg sediment		unitless	yr ⁻¹	yr ⁻¹	m/yr	m/yr	m/yr	yr ⁻¹
Silver	5.90E-15	6.21E-15	5.61E-15	5.91E-15	5.61E-15	5.91E-15	4.66E-14	4.90E-14	9.45E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Styrene	7.00E-13	7.00E-13	5.66E-13	5.66E-13	5.66E-13	5.66E-13	2.06E-11	2.06E-11	8.04E-01	0.00E+00	4.73E+01	2.20E+02	1.70E+02	5.02E+05	3.90E-01
Sulfur Dioxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Tetrachlorobiphenyl	1.96E-14	1.96E-14	2.45E-16	2.45E-16	1.89E-16	1.89E-16	2.97E-12	2.97E-12	1.24E-02	0.00E+00	4.73E+01	1.57E+02	1.98E+02	2.88E+04	3.90E-01
Tetrachloroethene	2.09E-17	2.09E-17	1.96E-17	1.96E-17	1.96E-17	1.96E-17	2.08E-16	2.08E-16	9.32E-01	0.00E+00	4.73E+01	2.24E+02	1.73E+02	5.06E+05	3.90E-01
Thallium (Soluble Salts)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Titanium	2.54E-15	2.54E-15	2.55E-15	2.55E-15	2.55E-15	2.55E-15	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Toluene	1.67E-13	1.67E-13	1.62E-13	1.62E-13	1.62E-13	1.62E-13	9.06E-13	9.06E-13	9.61E-01	0.00E+00	4.73E+01	2.31E+02	1.79E+02	5.75E+05	3.90E-01
Total Reduced Sulfur	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Trichlorobiphenyl	2.56E-14	2.57E-14	3.20E-16	3.21E-16	2.48E-16	2.48E-16	3.88E-12	3.89E-12	1.24E-02	0.00E+00	4.73E+01	1.57E+02	1.98E+02	2.88E+04	3.90E-01
Trichloroethene	1.21E-18	1.21E-18	1.18E-18	1.18E-18	1.18E-18	1.18E-18	4.47E-18	4.47E-18	9.72E-01	0.00E+00	4.73E+01	2.40E+02	1.86E+02	5.39E+05	3.90E-01
Trichlorofluoromethane	1.58E-18	1.58E-18	1.53E-18	1.53E-18	1.53E-18	1.53E-18	7.01E-18	7.01E-18	9.67E-01	0.00E+00	4.73E+01	2.51E+02	1.94E+02	5.75E+05	3.90E-01
Vinyl chloride	4.95E-16	4.95E-16	4.94E-16	4.94E-16	4.94E-16	4.94E-16	3.06E-16	3.06E-16	9.92E-01	0.00E+00	4.73E+01	2.94E+02	2.27E+02	6.56E+05	3.90E-01
Zinc	6.85E-12	6.85E-12	4.89E-12	4.89E-12	4.89E-12	4.89E-12	3.03E-10	3.03E-10	7.09E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
bis(2-Ethylhexyl) phthalate	1.87E-10	1.87E-10	6.73E-12	6.73E-12	6.21E-12	6.21E-12	2.76E-08	2.76E-08	3.58E-02	0.00E+00	4.73E+01	1.61E+00	1.01E+02	3.13E+05	3.90E-01
cis-1,2-Dichloroethene	1.63E-15	1.63E-15	1.62E-15	1.62E-15	1.62E-15	1.62E-15	2.47E-15	2.47E-15	9.86E-01	0.00E+00	4.73E+01	2.46E+02	1.98E+02	2.88E+04	3.90E-01
cis-1,3-Dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
m&p-Xylene	1.26E-14	1.26E-14	1.18E-14	1.18E-14	1.18E-14	1.18E-14	1.14E-13	1.14E-13	9.37E-01	0.00E+00	4.73E+01	1.34E+02	1.78E+02	1.18E+03	3.90E-01
n-Butylbenzene	1.13E-15	1.13E-15	1.13E-15	1.13E-15	1.13E-15	1.13E-15	4.54E-17	4.54E-17	9.96E-01	0.00E+00	4.73E+01	2.08E+02	1.61E+02	4.11E+05	3.90E-01
n-Propylbenzene	2.88E-15	2.88E-15	2.38E-15	2.38E-15	2.38E-15	2.38E-15	7.73E-14	7.73E-14	8.22E-01	0.00E+00	4.73E+01	2.17E+02	1.68E+02	4.49E+05	3.90E-01
o-Xylene	1.49E-14	1.49E-14	1.40E-14	1.40E-14	1.40E-14	1.40E-14	1.35E-13	1.35E-13	9.37E-01	0.00E+00	4.73E+01	2.55E+02	1.98E+02	5.75E+05	3.90E-01
p-Chloroaniline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.80E-01	0.00E+00	4.73E+01	1.73E+00	1.98E+02	2.88E+04	3.90E-01
p-Chlorotoluene	3.63E-16	3.63E-16	3.32E-16	3.32E-16	3.31E-16	3.31E-16	4.97E-15	4.97E-15	9.07E-01	0.00E+00	4.73E+01	2.32E+02	1.80E+02	4.61E+05	3.90E-01
p-Isopropyltoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
sec-Butylbenzene	1.91E-16	1.91E-16	1.91E-16	1.91E-16	1.91E-16	1.91E-16	7.66E-18	7.66E-18	9.96E-01	0.00E+00	4.73E+01	2.08E+02	1.61E+02	4.11E+05	3.90E-01
tert-Butylbenzene	4.89E-15	4.89E-15	4.90E-15	4.90E-15	4.90E-15	4.90E-15	1.96E-16	1.96E-16	9.96E-01	0.00E+00	4.73E+01	2.08E+02	1.61E+02	4.12E+05	3.90E-01
trans-1,2-Dichloroethene	1.77E-14	1.77E-14	1.75E-14	1.75E-14	1.75E-14	1.75E-14	2.67E-14	2.67E-14	9.86E-01	0.00E+00	4.73E+01	2.87E+02	2.22E+02	4.98E+05	3.90E-01
trans-1,3-Dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01



Table G-38: Total Waterbody COPC Concentration Used in Fish Tissue Model Calculations Based on a 30-Year ACI Operational Time Frame and 25-Year Exposure Duration

COPC	Total Waterbody COPC Concentration		Total COPC Concentration in Water Column		Dissolved Phase Water Concentration		COPC Concentration Sorbed to Bed Sediment		Fraction of Total Waterbody COPC Concentration in Water Column	Overall Total Waterbody Dissipation Rate Constant	Water Column Volatilization Rate	Overall COPC Transfer Rate Coefficient	Liquid Phase Transfer Coefficient	Gas Phase Transfer Coefficient	Benthic Burial Rate Constant
	C_{wtot}		C_{wctot}		C_{dw}		C_{sb}		f_{wc}	k_{wt}	k_v	K_v	K_L	K_G	k_b
	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	--	--	--	--	--	--	--
	g COPC/m ³ Waterbody		mg COPC/L water column		mg COPC/L water		mg COPC/kg sediment		unitless	yr ⁻¹	yr ⁻¹	m/yr	m/yr	m/yr	yr ⁻¹
1,1,1,2-Tetrachloroethane	1.65E-16	1.65E-16	1.54E-16	1.54E-16	1.54E-16	1.54E-16	1.85E-15	1.85E-15	9.24E-01	0.00E+00	4.73E+01	2.18E+02	1.69E+02	5.02E+05	3.90E-01
1,1,1-Trichloroethane	2.66E-17	2.66E-17	2.57E-17	2.57E-17	2.57E-17	2.57E-17	1.39E-16	1.39E-16	9.62E-01	0.00E+00	4.73E+01	2.35E+02	1.82E+02	5.34E+05	3.90E-01
1,1-Dichloroethene	1.81E-18	1.81E-18	1.78E-18	1.78E-18	1.78E-18	1.78E-18	4.63E-18	4.63E-18	9.79E-01	0.00E+00	4.73E+01	2.63E+02	2.03E+02	5.88E+05	3.90E-01
1,2,3,4,6,7,8-HpCDD	5.31E-15	7.94E-15	1.55E-17	2.33E-17	3.29E-19	4.92E-19	8.12E-13	1.21E-12	2.91E-03	0.00E+00	4.73E+01	1.38E+02	1.70E+02	5.90E+05	3.90E-01
1,2,3,4,6,7,8-HpCDF	5.15E-15	7.63E-15	1.60E-17	2.38E-17	1.27E-18	1.88E-18	7.87E-13	1.17E-12	3.09E-03	0.00E+00	4.73E+01	9.24E+01	1.70E+02	2.17E+05	3.90E-01
1,2,3,4,7,8,9-HpCDF	7.78E-16	1.07E-15	2.42E-18	3.35E-18	1.92E-19	2.65E-19	1.19E-13	1.64E-13	3.09E-03	0.00E+00	4.73E+01	9.20E+01	1.70E+02	2.17E+05	3.90E-01
1,2,3,4,7,8-HxCDD	7.46E-16	1.05E-15	2.21E-18	3.11E-18	7.33E-20	1.03E-19	1.14E-13	1.60E-13	2.95E-03	0.00E+00	4.73E+01	1.33E+02	1.70E+02	6.07E+05	3.90E-01
1,2,3,4,7,8-HxCDF	5.15E-15	7.18E-15	1.80E-17	2.50E-17	3.19E-18	4.45E-18	7.87E-13	1.10E-12	3.46E-03	0.00E+00	4.73E+01	9.47E+01	1.70E+02	2.23E+05	3.90E-01
1,2,3,6,7,8-HxCDD	1.43E-15	1.96E-15	5.00E-18	6.83E-18	8.89E-19	1.21E-18	2.19E-13	2.99E-13	3.46E-03	0.00E+00	4.73E+01	6.13E+01	1.70E+02	2.23E+05	3.90E-01
1,2,3,6,7,8-HxCDF	1.90E-15	2.63E-15	6.04E-18	8.37E-18	5.90E-19	8.18E-19	2.91E-13	4.03E-13	3.16E-03	0.00E+00	4.73E+01	1.35E+02	1.70E+02	6.07E+05	3.90E-01
1,2,3,7,8,9-HxCDD	2.08E-15	2.98E-15	6.61E-18	9.47E-18	6.46E-19	9.26E-19	3.18E-13	4.56E-13	3.16E-03	0.00E+00	4.73E+01	1.35E+02	1.70E+02	6.07E+05	3.90E-01
1,2,3,7,8,9-HxCDF	1.54E-16	2.02E-16	5.38E-19	7.06E-19	9.56E-20	1.25E-19	2.36E-14	3.10E-14	3.46E-03	0.00E+00	4.73E+01	8.09E+01	1.70E+02	2.23E+05	3.90E-01
1,2,3,7,8-PeCDD	1.77E-15	2.00E-15	7.57E-18	8.58E-18	2.51E-18	2.84E-18	2.70E-13	3.06E-13	4.25E-03	0.00E+00	4.73E+01	6.11E+01	1.70E+02	6.26E+05	3.90E-01
1,2,3,7,8-PeCDF	2.46E-15	2.77E-15	9.52E-18	1.07E-17	2.47E-18	2.79E-18	3.76E-13	4.24E-13	3.84E-03	0.00E+00	4.73E+01	4.71E+01	1.70E+02	2.31E+05	3.90E-01
1,2,3-Trichlorobenzene	2.00E-15	2.00E-15	1.33E-15	1.33E-15	1.33E-15	1.33E-15	1.03E-13	1.03E-13	6.62E-01	0.00E+00	4.73E+01	2.25E+02	1.98E+02	2.88E+04	3.90E-01
1,2,3-Trichloropropane	3.88E-16	3.88E-16	3.85E-16	3.85E-16	3.85E-16	3.85E-16	7.08E-16	7.08E-16	9.84E-01	0.00E+00	4.73E+01	2.14E+02	1.69E+02	5.02E+05	3.90E-01
1,2,4-Trimethylbenzene	3.04E-15	3.04E-15	2.63E-15	2.63E-15	2.63E-15	2.63E-15	6.45E-14	6.45E-14	8.58E-01	0.00E+00	4.73E+01	2.19E+02	1.69E+02	4.51E+05	3.90E-01
1,2,4-trichlorobenzene	7.36E-16	7.36E-16	5.15E-16	5.15E-16	5.14E-16	5.14E-16	3.41E-14	3.41E-14	6.95E-01	0.00E+00	4.73E+01	2.22E+02	1.74E+02	2.82E+05	3.90E-01
1,2-Dibromoethane	1.35E-16	1.35E-16	1.32E-16	1.32E-16	1.32E-16	1.32E-16	4.89E-16	4.89E-16	9.73E-01	0.00E+00	4.73E+01	2.08E+02	1.98E+02	2.88E+04	3.90E-01
1,2-Dichloroethane	1.01E-14	1.01E-14	1.00E-14	1.00E-14	1.00E-14	1.00E-14	1.53E-14	1.53E-14	9.86E-01	0.00E+00	4.73E+01	2.52E+02	1.97E+02	6.48E+05	3.90E-01
1,2-dichlorobenzene	9.29E-17	9.29E-17	8.47E-17	8.47E-17	8.47E-17	8.47E-17	1.28E-15	1.28E-15	9.06E-01	0.00E+00	4.73E+01	2.17E+02	1.69E+02	4.92E+05	3.90E-01
1,3,5-Trimethylbenzene	2.01E-15	2.01E-15	1.73E-15	1.73E-15	1.73E-15	1.73E-15	4.24E-14	4.24E-14	8.59E-01	0.00E+00	4.73E+01	2.32E+02	1.80E+02	4.49E+05	3.90E-01
1,3-Butadiene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-01	0.00E+00	4.73E+01	2.61E+02	2.02E+02	6.32E+05	3.90E-01
1,3-Dichloropropane	1.19E-16	1.19E-16	1.17E-16	1.17E-16	1.17E-16	1.17E-16	3.37E-16	3.37E-16	9.78E-01	0.00E+00	4.73E+01	2.50E+02	1.96E+02	5.15E+05	3.90E-01
1,3-dichlorobenzene	1.76E-16	1.76E-16	1.45E-16	1.45E-16	1.45E-16	1.45E-16	4.91E-15	4.91E-15	8.15E-01	0.00E+00	4.73E+01	2.17E+02	1.68E+02	4.93E+05	3.90E-01
1,4-Dioxane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	1.33E+02	2.01E+02	1.10E+06	3.90E-01
1,4-dichlorobenzene	2.66E-15	2.66E-15	2.29E-15	2.29E-15	2.29E-15	2.29E-15	5.65E-14	5.65E-14	8.58E-01	0.00E+00	4.73E+01	2.18E+02	1.69E+02	4.92E+05	3.90E-01
1-Methylnaphthalene	1.78E-13	1.78E-13	1.79E-13	1.79E-13	1.79E-13	1.79E-13	1.43E-14	1.43E-14	9.96E-01	0.00E+00	4.73E+01	2.13E+02	1.68E+02	4.11E+05	3.90E-01
1-Methylphenanthrene	3.20E-14	3.20E-14	3.21E-14	3.21E-14	3.21E-14	3.21E-14	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
2,3,4,6,7,8-HxCDF	2.73E-15	3.76E-15	9.52E-18	1.31E-17	1.69E-18	2.33E-18	4.18E-13	5.74E-13	3.46E-03	0.00E+00	4.73E+01	8.09E+01	1.70E+02	2.23E+05	3.90E-01
2,3,4,7,8-PeCDF	3.88E-15	4.48E-15	1.87E-17	2.16E-17	7.60E-18	8.77E-18	5.93E-13	6.84E-13	4.79E-03	0.00E+00	4.73E+01	4.70E+01	1.70E+02	2.31E+05	3.90E-01
2,3,5-Trimethylnaphthalene	1.56E-14	1.56E-14	1.56E-14	1.56E-14	1.56E-14	1.56E-14	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
2,3,7,8-TCDD	5.95E-16	6.37E-16	2.29E-18	2.45E-18	5.85E-19	6.26E-19	9.10E-14	9.74E-14	3.82E-03	0.00E+00	4.73E+01	1.50E+02	1.34E+02	6.48E+05	3.90E-01
2,3,7,8-TCDF	1.92E-15	1.97E-15	1.49E-17	1.53E-17	9.41E-18	9.64E-18	2.92E-13	2.99E-13	7.71E-03	0.00E+00	4.73E+01	9.02E+01	1.41E+02	2.39E+05	3.90E-01
2,4-Dimethylphenol	5.48E-13	5.48E-13	5.25E-13	5.25E-13	5.25E-13	5.25E-13	3.83E-12	3.83E-12	9.51E-01	0.00E+00	4.73E+01	2.96E+00	1.98E+02	2.88E+04	3.90E-01
2,4-Dinitrotoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-01	0.00E+00	4.73E+01	4.77E+00	1.57E+02	1.01E+06	3.90E-01
2,6-Dimethylnaphthalene	4.16E-14	4.16E-14	4.17E-14	4.17E-14	4.17E-14	4.17E-14	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
2,6-Dinitrotoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.83E-01	0.00E+00	4.73E+01	1.12E+00	1.98E+02	2.88E+04	3.90E-01
2-Butanone	1.90E-12	1.90E-12	1.90E-12	1.90E-12	1.90E-12	1.90E-12	1.52E-13	1.52E-13	9.96E-01	0.00E+00	4.73E+01	2.18E+02	1.95E+02	5.47E+05	3.90E-01
2-Chlorophenol	3.85E-14	3.85E-14	3.50E-14	3.50E-14	3.50E-14	3.50E-14	5.44E-13	5.44E-13	9.04E-01	0.00E+00	4.73E+01	1.78E+02	1.98E+02	2.88E+04	3.90E-01
2-Chlorotoluene	1.62E-15	1.62E-15	1.48E-15	1.48E-15	1.48E-15	1.48E-15	2.26E-14	2.26E-14	9.05E-01	0.00E+00	4.73E+01	2.33E+02	1.81E+02	4.62E+05	3.90E-01
2-Hexanone	2.06E-13	2.06E-13	2.06E-13	2.06E-13	2.06E-13	2.06E-13	1.23E-13	1.23E-13	9.92E-01	0.00E+00	4.73E+01	2.09E+02	1.77E+02	4.99E+05	3.90E-01
2-Methylnaphthalene	1.73E-13	1.73E-13	1.74E-13	1.74E-13	1.74E-13	1.74E-13	1.39E-14	1.39E-14	9.96E-01	0.00E+00	4.73E+01	2.12E+02	1.67E+02	4.09E+05	3.90E-01
2-Methylphenol	2.09E-11	2.09E-11	2.05E-11	2.05E-11	2.05E-11	2.05E-11	6.78E-11	6.78E-11	9.75E-01	0.00E+00	4.73E+01	2.82E+01	1.75E+02	5.16E+05	3.90E-01
2-Nitrophenol	1.67E-13	1.67E-13	1.65E-13	1.65E-13	1.65E-13	1.65E-13	3.80E-13	3.80E-13	9.81E-01	0.00E+00	4.73E+01	1.35E+01	1.98E+02	2.88E+04	3.90E-01
3-Methylphenol & 4-Methylphenol	8.14E-13	8.14E-13	8.16E-13	8.16E-13	8.16E-13	8.16E-13	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
4-Nitrophenol	2.75E-13	2.75E-13	2.71E-13	2.71E-13	2.71E-13	2.71E-13	8.18E-13	8.18E-13	9.77E-01	0.00E+00	4.73E+01	6.22E-04	1.98E+02	2.88E+04	3.90E-01



Table G-38: Total Waterbody COPC Concentration Used in Fish Tissue Model Calculations Based on a 30-Year ACI Operational Time Frame and 25-Year Exposure Duration

COPC	Total Waterbody COPC Concentration		Total COPC Concentration in Water Column		Dissolved Phase Water Concentration		COPC Concentration Sorbed to Bed Sediment		Fraction of Total Waterbody COPC Concentration in Water Column	Overall Total Waterbody Dissipation Rate Constant	Water Column Volatilization Rate	Overall COPC Transfer Rate Coefficient	Liquid Phase Transfer Coefficient	Gas Phase Transfer Coefficient	Benthic Burial Rate Constant
	C_{wtot}		C_{wctot}		C_{dw}		C_{sb}		f_{wc}	k_{wt}	k_v	K_v	K_L	K_G	k_b
	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	--	--	--	--	--	--	--
	g COPC/m ³ Waterbody		mg COPC/L water column		mg COPC/L water		mg COPC/kg sediment		unitless	yr ⁻¹	yr ⁻¹	m/yr	m/yr	m/yr	yr ⁻¹
Acenaphthylene	1.46E-13	1.46E-13	1.47E-13	1.47E-13	1.47E-13	1.47E-13	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Acenaphthene	9.45E-14	9.45E-14	4.16E-14	4.16E-14	4.15E-14	4.15E-14	8.13E-12	8.13E-12	4.38E-01	0.00E+00	4.73E+01	1.24E+02	1.98E+02	2.88E+04	3.90E-01
Acetaldehyde	7.12E-11	7.12E-11	7.14E-11	7.14E-11	7.14E-11	7.14E-11	1.43E-12	1.43E-12	9.96E-01	0.00E+00	4.73E+01	2.91E+02	2.49E+02	7.29E+05	3.90E-01
Acetophenone	2.06E-11	2.06E-11	2.05E-11	2.05E-11	2.05E-11	2.05E-11	2.93E-11	2.93E-11	9.87E-01	0.00E+00	4.73E+01	1.21E+02	1.81E+02	4.48E+05	3.90E-01
Aluminum	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Anthracene	7.30E-13	7.30E-13	1.04E-13	1.04E-13	1.02E-13	1.02E-13	9.61E-11	9.61E-11	1.42E-01	0.00E+00	4.73E+01	7.06E+01	1.98E+02	2.88E+04	3.90E-01
Antimony	1.25E-15	1.25E-15	9.69E-16	9.69E-16	9.68E-16	9.68E-16	4.36E-14	4.36E-14	7.70E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Arsenic	2.09E-14	2.09E-14	1.76E-14	1.76E-14	1.76E-14	1.76E-14	5.10E-13	5.10E-13	8.37E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Barium	1.07E-11	1.35E-11	8.44E-12	1.07E-11	8.44E-12	1.07E-11	3.46E-10	4.38E-10	7.86E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Benzene	5.96E-13	5.96E-13	5.88E-13	5.88E-13	5.88E-13	5.88E-13	1.45E-12	1.45E-12	9.80E-01	0.00E+00	4.73E+01	2.59E+02	2.01E+02	5.79E+05	3.90E-01
Benzo(a)anthracene	2.87E-11	2.88E-11	3.85E-13	3.86E-13	3.04E-13	3.04E-13	4.35E-09	4.35E-09	1.33E-02	0.00E+00	4.73E+01	5.47E+01	1.84E+02	4.02E+05	3.90E-01
Benzo(a)pyrene	1.44E-11	1.44E-11	9.76E-14	9.77E-14	5.65E-14	5.66E-14	2.19E-09	2.19E-09	6.74E-03	0.00E+00	4.73E+01	1.89E+01	1.84E+02	3.58E+05	3.90E-01
Benzo(b)fluoranthene	2.72E-12	2.73E-12	1.77E-14	1.77E-14	9.91E-15	9.91E-15	4.15E-10	4.15E-10	6.45E-03	0.00E+00	4.73E+01	1.01E+02	1.98E+02	2.88E+04	3.90E-01
Benzo(e)pyrene	7.92E-15	7.93E-15	7.94E-15	7.95E-15	7.94E-15	7.95E-15	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Benzo(g,h,i)perylene	5.98E-15	5.99E-15	6.00E-15	6.00E-15	6.00E-15	6.00E-15	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Benzo(k)fluoranthene	2.49E-14	2.85E-14	1.67E-16	1.91E-16	9.55E-17	1.09E-16	3.79E-12	4.34E-12	6.65E-03	0.00E+00	4.73E+01	1.24E+00	1.98E+02	2.88E+04	3.90E-01
Benzoic acid	1.23E-11	1.23E-11	1.23E-11	1.23E-11	1.23E-11	1.23E-11	2.96E-13	2.96E-13	9.96E-01	0.00E+00	4.73E+01	4.22E+00	1.70E+02	2.88E+04	3.90E-01
Benzyl alcohol	7.65E-14	7.65E-14	7.65E-14	7.65E-14	7.65E-14	7.65E-14	3.67E-14	3.67E-14	9.93E-01	0.00E+00	4.73E+01	5.04E-01	1.98E+02	2.88E+04	3.90E-01
Beryllium	8.12E-15	8.12E-15	1.33E-15	1.33E-15	1.32E-15	1.32E-15	1.04E-12	1.04E-12	1.63E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Biphenyl	6.00E-13	6.00E-13	6.01E-13	6.01E-13	6.01E-13	6.01E-13	1.20E-13	1.20E-13	9.95E-01	0.00E+00	4.73E+01	2.05E+02	1.64E+02	3.81E+05	3.90E-01
Bromobenzene	2.63E-14	2.63E-14	2.49E-14	2.49E-14	2.48E-14	2.48E-14	2.33E-13	2.33E-13	9.39E-01	0.00E+00	4.73E+01	2.43E+02	1.89E+02	4.16E+05	3.90E-01
Bromochloromethane	1.20E-16	1.20E-16	1.19E-16	1.19E-16	1.19E-16	1.19E-16	1.05E-16	1.05E-16	9.90E-01	0.00E+00	4.73E+01	2.90E+02	2.26E+02	5.37E+05	3.90E-01
Bromodichloromethane	9.46E-17	9.46E-17	9.35E-17	9.35E-17	9.35E-17	9.35E-17	2.07E-16	2.07E-16	9.82E-01	0.00E+00	4.73E+01	2.31E+02	1.98E+02	2.88E+04	3.90E-01
Bromoform	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-01	0.00E+00	4.73E+01	2.61E+02	2.02E+02	1.76E+05	3.90E-01
Bromomethane	2.00E-15	2.00E-15	2.00E-15	2.00E-15	2.00E-15	2.00E-15	7.20E-16	7.20E-16	9.94E-01	0.00E+00	4.73E+01	2.90E+02	2.25E+02	5.10E+05	3.90E-01
Butyl benzyl phthalate	6.01E-13	6.01E-13	1.33E-13	1.33E-13	1.31E-13	1.31E-13	7.19E-11	7.19E-11	2.19E-01	0.00E+00	4.73E+01	1.93E+00	1.98E+02	2.88E+04	3.90E-01
Cadmium	3.37E-14	3.37E-14	2.27E-14	2.27E-14	2.26E-14	2.26E-14	1.70E-12	1.70E-12	6.69E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Carbazole	1.83E-15	1.83E-15	1.83E-15	1.84E-15	1.83E-15	1.84E-15	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Carbon dioxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Carbon disulfide	3.18E-16	3.18E-16	3.13E-16	3.13E-16	3.13E-16	3.13E-16	8.30E-16	8.30E-16	9.79E-01	0.00E+00	4.73E+01	2.56E+02	1.98E+02	6.48E+05	3.90E-01
Carbon monoxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Carbon tetrachloride	1.20E-17	1.20E-17	1.16E-17	1.16E-17	1.16E-17	1.16E-17	7.05E-17	7.05E-17	9.58E-01	0.00E+00	4.73E+01	2.35E+02	1.82E+02	5.34E+05	3.90E-01
Chlordecone (Kepone)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-01	0.00E+00	4.73E+01	5.91E-01	1.23E+02	2.12E+05	3.90E-01
Chlorobenzene	4.26E-15	4.26E-15	4.04E-15	4.04E-15	4.04E-15	4.04E-15	3.62E-14	3.62E-14	9.41E-01	0.00E+00	4.73E+01	2.32E+02	1.80E+02	5.11E+05	3.90E-01
Chlorodibromomethane	4.39E-15	4.39E-15	4.32E-15	4.32E-15	4.32E-15	4.32E-15	1.21E-14	1.21E-14	9.78E-01	0.00E+00	4.73E+01	2.10E+02	1.98E+02	2.88E+04	3.90E-01
Chloroethane	3.80E-15	3.80E-15	3.79E-15	3.79E-15	3.79E-15	3.79E-15	2.35E-15	2.35E-15	9.92E-01	0.00E+00	4.73E+01	2.81E+02	2.17E+02	1.23E+06	3.90E-01
Chloroform	1.01E-15	1.01E-15	1.00E-15	1.00E-15	1.00E-15	1.00E-15	2.10E-15	2.10E-15	9.83E-01	0.00E+00	4.73E+01	2.55E+02	1.98E+02	6.48E+05	3.90E-01
Chloromethane	7.63E-15	7.63E-15	7.64E-15	7.64E-15	7.64E-15	7.64E-15	1.91E-15	1.91E-15	9.94E-01	0.00E+00	4.73E+01	1.92E+02	1.48E+02	7.37E+05	3.90E-01
Chromium	3.54E-13	4.05E-13	3.16E-13	3.61E-13	3.16E-13	3.61E-13	6.00E-12	6.86E-12	8.86E-01	0.00E+00	4.73E+01	3.22E+02	2.49E+02	7.39E+05	3.90E-01
Chrysene	5.56E-12	5.62E-12	6.83E-14	6.91E-14	5.25E-14	5.31E-14	8.43E-10	8.52E-10	1.22E-02	0.00E+00	4.73E+01	9.15E+01	1.98E+02	2.88E+04	3.90E-01
Cobalt	8.07E-13	1.03E-12	8.09E-13	1.04E-12	8.09E-13	1.04E-12	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Copper	9.72E-13	1.21E-12	9.74E-13	1.21E-12	9.74E-13	1.21E-12	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
DDD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-03	0.00E+00	4.73E+01	1.16E+01	1.98E+02	2.88E+04	3.90E-01
DDE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-02	0.00E+00	4.73E+01	2.80E+01	1.98E+02	2.88E+04	3.90E-01
Di-n-butyl phthalate	3.23E-12	3.23E-12	2.30E-12	2.30E-12	2.30E-12	2.30E-12	1.44E-10	1.44E-10	7.06E-01	0.00E+00	4.73E+01	2.94E+01	1.68E+02	3.63E+05	3.90E-01
Di-n-octyl phthalate	1.62E-12	1.62E-12	4.72E-15	4.72E-15	6.76E-17	6.76E-17	2.48E-10	2.48E-10	2.89E-03	0.00E+00	4.73E+01	7.21E+01	1.98E+02	2.88E+04	3.90E-01
Dibenzo(a,h)anthracene	3.60E-13	3.77E-13	1.80E-15	1.89E-15	7.68E-16	8.05E-16	5.50E-11	5.76E-11	4.96E-03	0.00E+00	4.73E+01	2.25E-02	1.98E+02	2.88E+04	3.90E-01



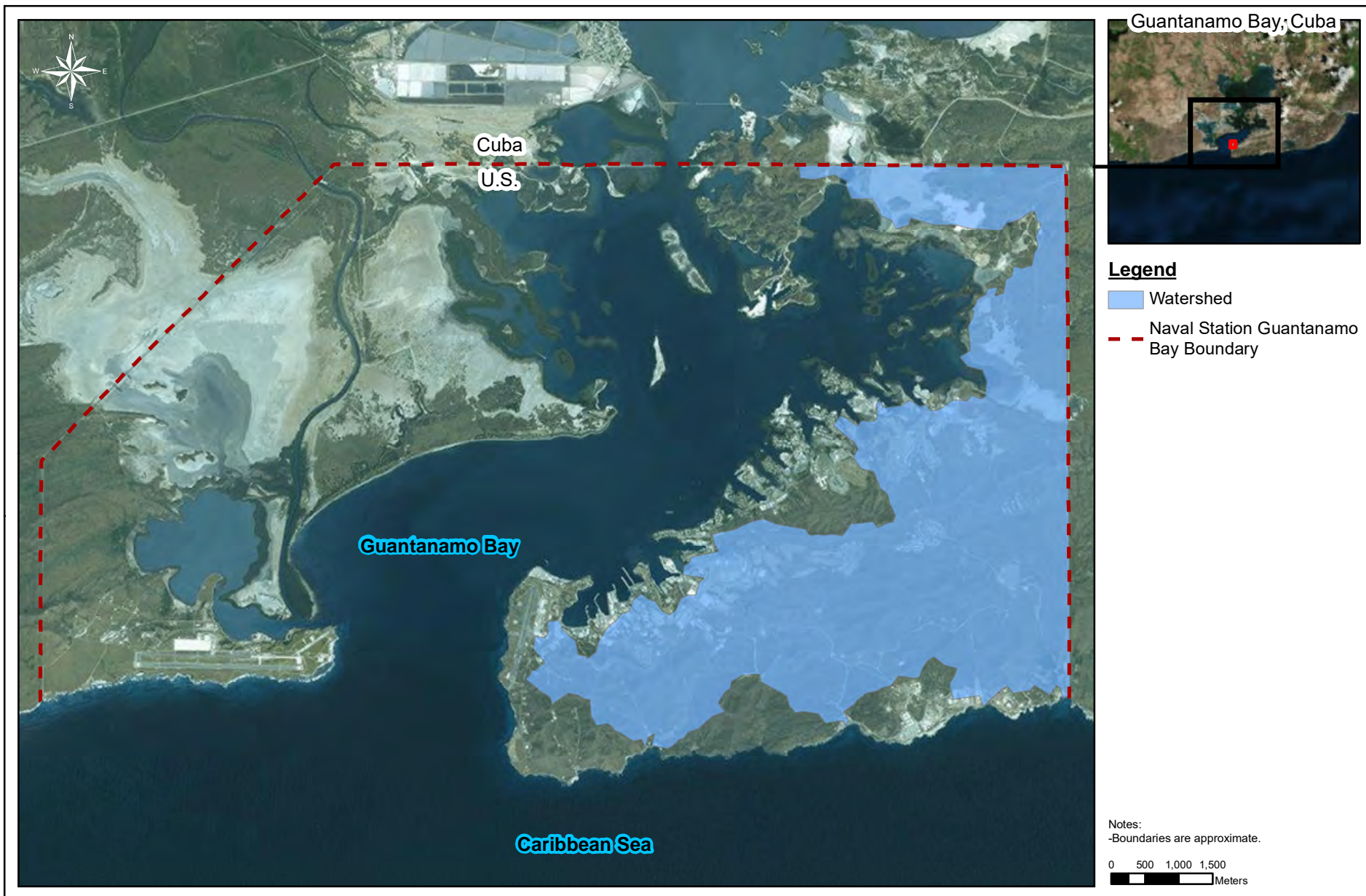
Table G-38: Total Waterbody COPC Concentration Used in Fish Tissue Model Calculations Based on a 30-Year ACI Operational Time Frame and 25-Year Exposure Duration

COPC	Total Waterbody COPC Concentration		Total COPC Concentration in Water Column		Dissolved Phase Water Concentration		COPC Concentration Sorbed to Bed Sediment		Fraction of Total Waterbody COPC Concentration in Water Column	Overall Total Waterbody Dissipation Rate Constant	Water Column Volatilization Rate	Overall COPC Transfer Rate Coefficient	Liquid Phase Transfer Coefficient	Gas Phase Transfer Coefficient	Benthic Burial Rate Constant
	C_{wtot}		C_{wctot}		C_{dw}		C_{sb}		f_{wc}	k_{wt}	k_v	K_v	K_L	K_G	k_b
	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	--	--	--	--	--	--	--
	g COPC/m ³ Waterbody		mg COPC/L water column		mg COPC/L water		mg COPC/kg sediment		unitless	yr ⁻¹	yr ⁻¹	m/yr	m/yr	m/yr	yr ⁻¹
Dibenzofuran	5.22E-14	5.22E-14	5.22E-14	5.22E-14	5.22E-14	5.22E-14	1.88E-14	1.88E-14	9.94E-01	0.00E+00	4.73E+01	2.01E+02	1.61E+02	4.73E+05	3.90E-01
Dibromomethane	3.45E-16	3.45E-16	3.43E-16	3.43E-16	3.43E-16	3.43E-16	4.36E-16	4.36E-16	9.88E-01	0.00E+00	4.73E+01	2.14E+02	1.98E+02	2.88E+04	3.90E-01
Dichlorobiphenyl	6.58E-14	6.59E-14	8.22E-16	8.23E-16	6.35E-16	6.36E-16	9.97E-12	9.98E-12	1.24E-02	0.00E+00	4.73E+01	1.57E+02	1.98E+02	2.88E+04	3.90E-01
Dichlorodifluoromethane	1.28E-18	1.28E-18	1.26E-18	1.26E-18	1.26E-18	1.26E-18	3.10E-18	3.10E-18	9.80E-01	0.00E+00	4.73E+01	2.56E+02	1.98E+02	2.88E+04	3.90E-01
Dieldrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-01	0.00E+00	4.73E+01	2.07E+01	1.98E+02	2.88E+04	3.90E-01
Dimethyl phthalate	5.05E-14	5.05E-14	5.02E-14	5.02E-14	5.02E-14	5.02E-14	6.88E-14	6.88E-14	9.87E-01	0.00E+00	4.73E+01	2.33E+00	1.45E+02	4.32E+05	3.90E-01
Ethylbenzene	7.94E-14	7.94E-14	7.56E-14	7.56E-14	7.56E-14	7.56E-14	6.17E-13	6.17E-13	9.46E-01	0.00E+00	4.73E+01	2.16E+02	1.68E+02	5.20E+05	3.90E-01
Fluoranthene	2.11E-12	2.11E-12	1.58E-13	1.58E-13	1.52E-13	1.52E-13	2.99E-10	2.99E-10	7.44E-02	0.00E+00	4.73E+01	2.19E+01	1.98E+02	2.88E+04	3.90E-01
Fluorene	9.59E-13	9.59E-13	3.20E-13	3.20E-13	3.18E-13	3.18E-13	9.82E-11	9.82E-11	3.32E-01	0.00E+00	4.73E+01	6.98E+01	1.98E+02	2.88E+04	3.90E-01
Formaldehyde	3.52E-10	3.52E-10	3.53E-10	3.53E-10	3.53E-10	3.53E-10	3.18E-11	3.18E-11	9.95E-01	0.00E+00	4.73E+01	1.56E+01	3.13E+02	9.28E+05	3.90E-01
Heptachlorobiphenyl	2.46E-15	2.48E-15	1.09E-17	1.10E-17	3.83E-18	3.87E-18	3.76E-13	3.79E-13	4.39E-03	0.00E+00	4.73E+01	1.60E+02	1.98E+02	2.88E+04	3.90E-01
Hexachlorobiphenyl	9.97E-15	1.01E-14	4.41E-17	4.44E-17	1.55E-17	1.56E-17	1.52E-12	1.54E-12	4.39E-03	0.00E+00	4.73E+01	1.60E+02	1.98E+02	2.88E+04	3.90E-01
Hexachlorobutadiene	2.04E-14	2.04E-14	6.88E-15	6.88E-15	6.84E-15	6.84E-15	2.07E-12	2.07E-12	3.35E-01	0.00E+00	4.73E+01	1.85E+02	1.43E+02	4.28E+05	3.90E-01
Hydrogen Chloride	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	2.56E+02	1.98E+02	2.88E+04	3.90E-01
Hydrogen cyanide	5.91E-12	5.91E-12	5.93E-12	5.93E-12	5.93E-12	5.93E-12	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	3.42E+02	2.80E+02	8.93E+05	3.90E-01
Hydrogen sulfide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	4.37E+02	3.39E+02	9.63E+05	3.90E-01
Indeno(1,2,3-cd)pyrene	1.24E-12	1.28E-12	5.10E-15	5.28E-15	1.54E-15	1.60E-15	1.90E-10	1.96E-10	4.08E-03	0.00E+00	4.73E+01	2.38E+00	1.98E+02	2.88E+04	3.90E-01
Iron	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Isopropanol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	1.37E+02	2.14E+02	6.45E+05	3.90E-01
Isopropylbenzene	4.32E-17	4.32E-17	3.42E-17	3.42E-17	3.42E-17	3.42E-17	1.39E-15	1.39E-15	7.87E-01	0.00E+00	4.73E+01	2.03E+02	1.57E+02	4.73E+05	3.90E-01
Lead	1.30E-12	1.30E-12	1.91E-13	1.91E-13	1.89E-13	1.89E-13	1.70E-10	1.70E-10	1.46E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Manganese	2.49E-13	2.49E-13	2.49E-13	2.50E-13	2.49E-13	2.50E-13	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Mercury (+2)	6.67E-15	9.93E-15	4.07E-17	6.05E-17	1.73E-17	2.57E-17	1.02E-12	1.51E-12	6.06E-03	0.00E+00	4.73E+01	1.37E-02	1.28E+02	3.71E+05	3.90E-01
Mercury, elemental	2.64E-15	2.64E-15	1.30E-16	1.30E-16	0.00E+00	0.00E+00	3.85E-13	3.85E-13	4.88E-02	0.00E+00	4.73E+01	5.30E+02	4.14E+02	1.43E+05	3.90E-01
Methyl Isobutyl Ketone	3.55E-15	3.55E-15	3.54E-15	3.54E-15	3.54E-15	3.54E-15	2.16E-15	2.16E-15	9.92E-01	0.00E+00	4.73E+01	2.05E+02	1.68E+02	5.20E+05	3.90E-01
Methyl Mercury	1.17E-15	1.19E-15	1.08E-16	1.11E-16	3.05E-18	4.54E-18	1.63E-13	1.66E-13	9.22E-02	0.00E+00	4.73E+01	9.53E+00	1.42E+02	4.11E+05	3.90E-01
Methylene chloride	3.19E-14	3.19E-14	3.19E-14	3.19E-14	3.19E-14	3.19E-14	1.28E-14	1.28E-14	9.93E-01	0.00E+00	4.73E+01	2.83E+02	2.20E+02	6.35E+05	3.90E-01
Monochlorobiphenyl	4.60E-13	4.61E-13	5.75E-15	5.76E-15	4.44E-15	4.45E-15	6.97E-11	6.98E-11	1.24E-02	0.00E+00	4.73E+01	1.57E+02	1.98E+02	2.88E+04	3.90E-01
NOx (Oxides of Nitrogen)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Naphthalene	1.30E-12	1.30E-12	9.95E-13	9.95E-13	9.94E-13	9.94E-13	4.73E-11	4.73E-11	7.60E-01	0.00E+00	4.73E+01	2.07E+02	1.63E+02	4.43E+05	3.90E-01
Nickel	1.49E-13	1.49E-13	1.05E-13	1.05E-13	1.05E-13	1.05E-13	6.82E-12	6.82E-12	6.99E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Nonachlorobiphenyl	3.08E-16	3.11E-16	1.36E-18	1.37E-18	4.79E-19	4.84E-19	4.70E-14	4.75E-14	4.39E-03	0.00E+00	4.73E+01	1.60E+02	1.98E+02	2.88E+04	3.90E-01
OCDD	3.56E-15	5.33E-15	1.04E-17	1.55E-17	1.39E-19	2.09E-19	5.45E-13	8.16E-13	2.89E-03	0.00E+00	4.73E+01	1.05E+02	1.70E+02	5.74E+05	3.90E-01
OCDF	1.32E-15	1.99E-15	3.88E-18	5.83E-18	8.22E-20	1.23E-19	2.03E-13	3.05E-13	2.91E-03	0.00E+00	4.73E+01	1.89E+01	1.70E+02	2.11E+05	3.90E-01
Octachlorobiphenyl	7.32E-16	7.38E-16	3.23E-18	3.26E-18	1.14E-18	1.15E-18	1.12E-13	1.13E-13	4.39E-03	0.00E+00	4.73E+01	1.60E+02	1.98E+02	2.88E+04	3.90E-01
PM<10	1.22E-09	1.22E-09	1.23E-09	1.23E-09	1.23E-09	1.23E-09	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
PM<2.5	1.02E-09	1.02E-09	1.02E-09	1.02E-09	1.02E-09	1.02E-09	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Total Suspended Particulate	9.49E-10	9.50E-10	9.52E-10	9.53E-10	9.52E-10	9.53E-10	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Pentachlorobiphenyl	3.32E-14	3.35E-14	1.47E-16	1.48E-16	5.17E-17	5.21E-17	5.07E-12	5.12E-12	4.39E-03	0.00E+00	4.73E+01	1.60E+02	1.98E+02	2.88E+04	3.90E-01
Perylene	3.48E-15	3.48E-15	3.49E-15	3.49E-15	3.49E-15	3.49E-15	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Phenanthrene	5.56E-12	5.56E-12	7.15E-13	7.15E-13	7.01E-13	7.01E-13	7.44E-10	7.44E-10	1.28E-01	0.00E+00	4.73E+01	3.04E+01	1.98E+02	2.88E+04	3.90E-01
Phenol	1.28E-10	1.28E-10	1.27E-10	1.27E-10	1.27E-10	1.27E-10	1.53E-10	1.53E-10	9.88E-01	0.00E+00	4.73E+01	1.10E+01	1.86E+02	5.52E+05	3.90E-01
Phosphorus	8.53E-13	8.53E-13	8.55E-13	8.55E-13	8.55E-13	8.55E-13	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	5.04E+02	3.92E+02	1.07E+06	3.90E-01
Propionaldehyde	9.28E-13	9.28E-13	9.30E-13	9.30E-13	9.30E-13	9.30E-13	3.72E-14	3.72E-14	9.96E-01	0.00E+00	4.73E+01	2.62E+02	2.26E+02	6.74E+05	3.90E-01
Pyrene	2.84E-12	2.84E-12	1.59E-13	1.59E-13	1.51E-13	1.51E-13	4.12E-10	4.12E-10	5.56E-02	0.00E+00	4.73E+01	1.55E+01	1.98E+02	2.88E+04	3.90E-01
Pyridine	5.96E-12	5.96E-12	5.97E-12	5.97E-12	5.97E-12	5.97E-12	1.01E-12	1.01E-12	9.95E-01	0.00E+00	4.73E+01	1.20E+02	1.65E+02	5.92E+05	3.90E-01
Selenium	5.43E-15	5.43E-15	5.27E-15	5.27E-15	5.27E-15	5.27E-15	2.63E-14	2.63E-14	9.65E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01



Table G-38: Total Waterbody COPC Concentration Used in Fish Tissue Model Calculations Based on a 30-Year ACI Operational Time Frame and 25-Year Exposure Duration

COPC	Total Waterbody COPC Concentration		Total COPC Concentration in Water Column		Dissolved Phase Water Concentration		COPC Concentration Sorbed to Bed Sediment		Fraction of Total Waterbody COPC Concentration in Water Column	Overall Total Waterbody Dissipation Rate Constant	Water Column Volatilization Rate	Overall COPC Transfer Rate Coefficient	Liquid Phase Transfer Coefficient	Gas Phase Transfer Coefficient	Benthic Burial Rate Constant
	C_{wtot}		C_{wctot}		C_{dw}		C_{sb}		f_{wc}	k_{wt}	k_v	K_v	K_L	K_G	k_b
	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	--	--	--	--	--	--	--
	g COPC/m ³ Waterbody		mg COPC/L water column		mg COPC/L water		mg COPC/kg sediment		unitless	yr ⁻¹	yr ⁻¹	m/yr	m/yr	m/yr	yr ⁻¹
Silver	5.90E-15	6.21E-15	5.61E-15	5.91E-15	5.61E-15	5.91E-15	4.66E-14	4.90E-14	9.45E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Styrene	7.00E-13	7.00E-13	5.66E-13	5.66E-13	5.66E-13	5.66E-13	2.06E-11	2.06E-11	8.04E-01	0.00E+00	4.73E+01	2.20E+02	1.70E+02	5.02E+05	3.90E-01
Sulfur Dioxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Tetrachlorobiphenyl	1.96E-14	1.96E-14	2.45E-16	2.45E-16	1.89E-16	1.89E-16	2.97E-12	2.97E-12	1.24E-02	0.00E+00	4.73E+01	1.57E+02	1.98E+02	2.88E+04	3.90E-01
Tetrachloroethene	2.09E-17	2.09E-17	1.96E-17	1.96E-17	1.96E-17	1.96E-17	2.08E-16	2.08E-16	9.32E-01	0.00E+00	4.73E+01	2.24E+02	1.73E+02	5.06E+05	3.90E-01
Thallium (Soluble Salts)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
Titanium	2.54E-15	2.54E-15	2.55E-15	2.55E-15	2.55E-15	2.55E-15	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Toluene	1.67E-13	1.67E-13	1.62E-13	1.62E-13	1.62E-13	1.62E-13	9.06E-13	9.06E-13	9.61E-01	0.00E+00	4.73E+01	2.31E+02	1.79E+02	5.75E+05	3.90E-01
Total Reduced Sulfur	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
Trichlorobiphenyl	2.56E-14	2.57E-14	3.20E-16	3.21E-16	2.48E-16	2.48E-16	3.88E-12	3.89E-12	1.24E-02	0.00E+00	4.73E+01	1.57E+02	1.98E+02	2.88E+04	3.90E-01
Trichloroethene	1.21E-18	1.21E-18	1.18E-18	1.18E-18	1.18E-18	1.18E-18	4.47E-18	4.47E-18	9.72E-01	0.00E+00	4.73E+01	2.40E+02	1.86E+02	5.39E+05	3.90E-01
Trichlorofluoromethane	1.58E-18	1.58E-18	1.53E-18	1.53E-18	1.53E-18	1.53E-18	7.01E-18	7.01E-18	9.67E-01	0.00E+00	4.73E+01	2.51E+02	1.94E+02	5.75E+05	3.90E-01
Vinyl chloride	4.95E-16	4.95E-16	4.94E-16	4.94E-16	4.94E-16	4.94E-16	3.06E-16	3.06E-16	9.92E-01	0.00E+00	4.73E+01	2.94E+02	2.27E+02	6.56E+05	3.90E-01
Zinc	6.85E-12	6.85E-12	4.89E-12	4.89E-12	4.89E-12	4.89E-12	3.03E-10	3.03E-10	7.09E-01	0.00E+00	4.73E+01	2.48E+02	1.92E+02	5.31E+05	3.90E-01
bis(2-Ethylhexyl) phthalate	1.87E-10	1.87E-10	6.73E-12	6.73E-12	6.21E-12	6.21E-12	2.76E-08	2.76E-08	3.58E-02	0.00E+00	4.73E+01	1.61E+00	1.01E+02	3.13E+05	3.90E-01
cis-1,2-Dichloroethene	1.63E-15	1.63E-15	1.62E-15	1.62E-15	1.62E-15	1.62E-15	2.47E-15	2.47E-15	9.86E-01	0.00E+00	4.73E+01	2.46E+02	1.98E+02	2.88E+04	3.90E-01
cis-1,3-Dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
m&p-Xylene	1.26E-14	1.26E-14	1.18E-14	1.18E-14	1.18E-14	1.18E-14	1.14E-13	1.14E-13	9.37E-01	0.00E+00	4.73E+01	1.34E+02	1.78E+02	1.18E+03	3.90E-01
n-Butylbenzene	1.13E-15	1.13E-15	1.13E-15	1.13E-15	1.13E-15	1.13E-15	4.54E-17	4.54E-17	9.96E-01	0.00E+00	4.73E+01	2.08E+02	1.61E+02	4.11E+05	3.90E-01
n-Propylbenzene	2.88E-15	2.88E-15	2.38E-15	2.38E-15	2.38E-15	2.38E-15	7.73E-14	7.73E-14	8.22E-01	0.00E+00	4.73E+01	2.17E+02	1.68E+02	4.49E+05	3.90E-01
o-Xylene	1.49E-14	1.49E-14	1.40E-14	1.40E-14	1.40E-14	1.40E-14	1.35E-13	1.35E-13	9.37E-01	0.00E+00	4.73E+01	2.55E+02	1.98E+02	5.75E+05	3.90E-01
p-Chloroaniline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.80E-01	0.00E+00	4.73E+01	1.73E+00	1.98E+02	2.88E+04	3.90E-01
p-Chlorotoluene	3.63E-16	3.63E-16	3.32E-16	3.32E-16	3.31E-16	3.31E-16	4.97E-15	4.97E-15	9.07E-01	0.00E+00	4.73E+01	2.32E+02	1.80E+02	4.61E+05	3.90E-01
p-Isopropyltoluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01
sec-Butylbenzene	1.91E-16	1.91E-16	1.91E-16	1.91E-16	1.91E-16	1.91E-16	7.66E-18	7.66E-18	9.96E-01	0.00E+00	4.73E+01	2.08E+02	1.61E+02	4.11E+05	3.90E-01
tert-Butylbenzene	4.89E-15	4.89E-15	4.90E-15	4.90E-15	4.90E-15	4.90E-15	1.96E-16	1.96E-16	9.96E-01	0.00E+00	4.73E+01	2.08E+02	1.61E+02	4.12E+05	3.90E-01
trans-1,2-Dichloroethene	1.77E-14	1.77E-14	1.75E-14	1.75E-14	1.75E-14	1.75E-14	2.67E-14	2.67E-14	9.86E-01	0.00E+00	4.73E+01	2.87E+02	2.22E+02	4.98E+05	3.90E-01
trans-1,3-Dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-01	0.00E+00	4.73E+01	0.00E+00	0.00E+00	0.00E+00	3.90E-01



NSGB Watershed
Naval Station Guantanamo Bay Human Health Risk Assessment
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Figure G-1



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Appendix H

Exposure and Risk Calculations



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Introduction

The purpose of this appendix is to present the average daily dose (ADD) and lifetime average daily dose (LADD) results (exposures) and cancer risks and hazard quotients (risks) used in the Naval Station Guantanamo Bay (NSGB) Human Health Risk Assessment (HHRA). Thousands of calculations were performed to determine the exposures and risks for this HHRA and the data used to calculate the exposures and risks are presented in different sections of the HHRA (e.g., toxicity values are presented in Table 4-1 of the main text and chemical/physical properties are presented in Appendix G [Table G-24]).

The tables in this appendix are organized as follows:

Exposure Tables

Tables H-1 through H-384 present exposure doses:

- Odd numbered tables present LADDs for evaluating carcinogens.
- Even numbered tables present the ADDs for evaluating noncarcinogens.

Risk Tables

Tables H-385 through H-768 present risks:

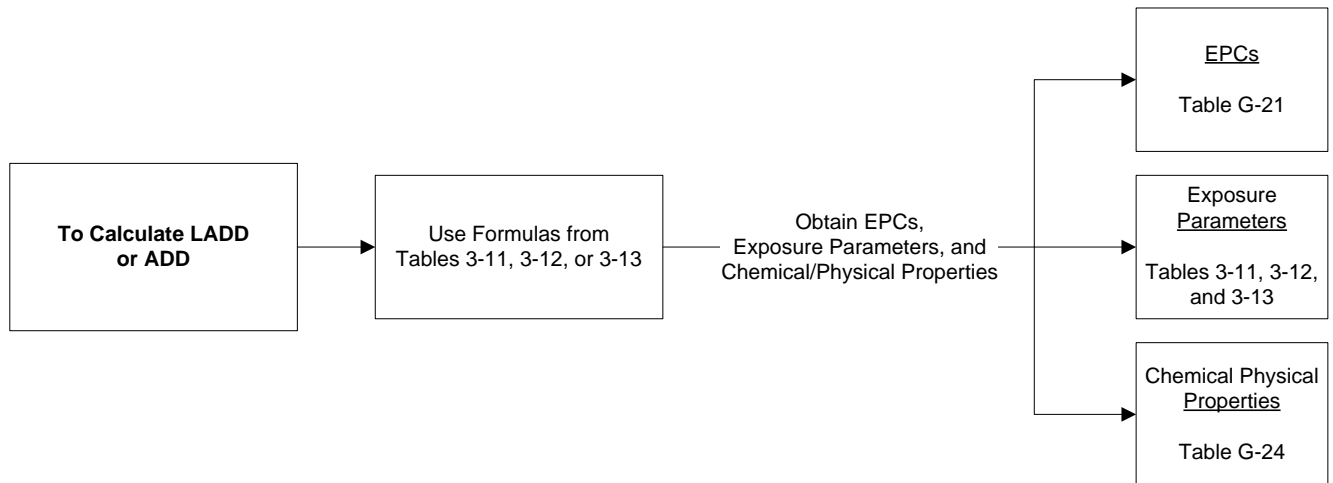
- Odd numbered tables present cancer risks. The cancer risk is calculated using the LADD presented on the corresponding exposures table. For example, the cancer risks presented in Table H-1 are based on the doses presented in Table H-385.
- Even numbered tables present the hazard indices. The hazard index is calculated using the ADD presented on the corresponding exposures table. For example, the hazard indices presented in Table H-2 are based on the doses presented in Table H-386.

To facilitate a technical review of the exposures and risks, flowcharts with the locations of the data used to calculate the exposures and risks are presented on the following pages.

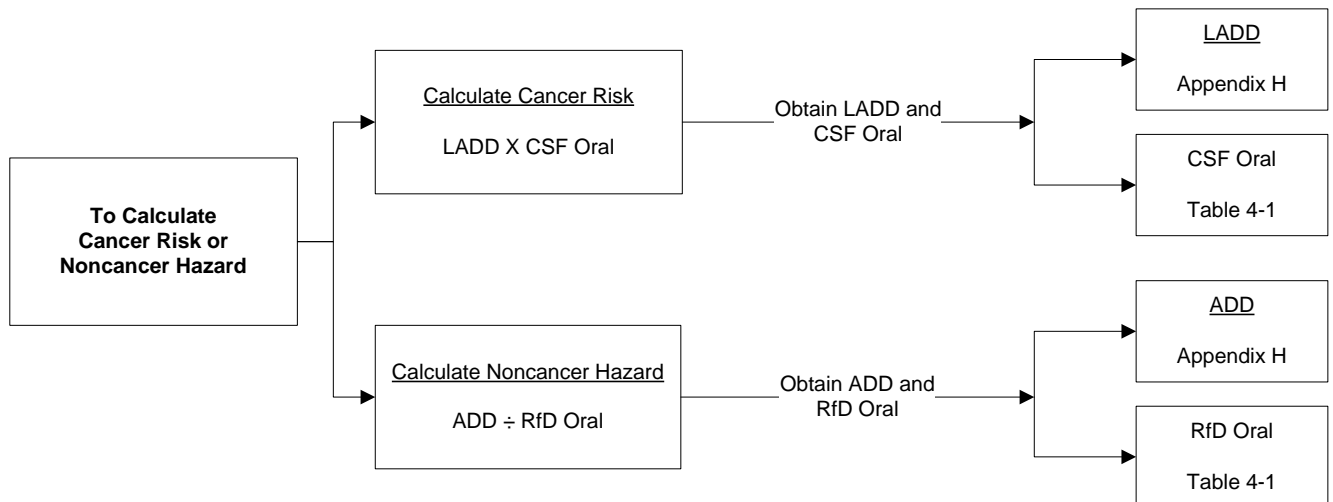


Flowcharts

Flowchart 1: Calculating LADD or ADD for Consumption of Locally-Caught Fish

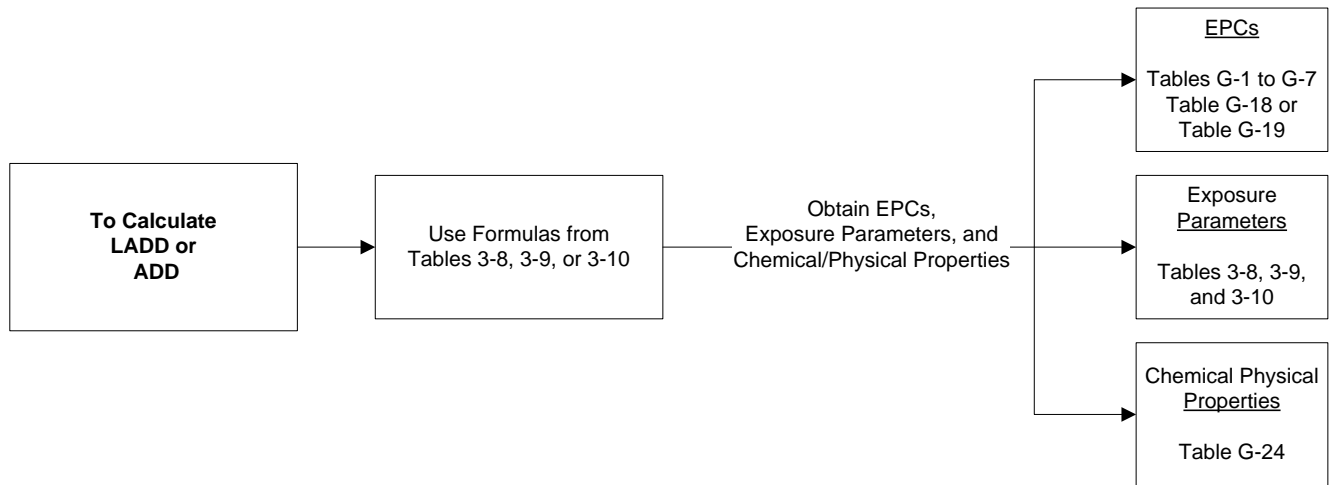


Flowchart 2: Calculating Cancer Risks or Hazard Quotients for Consumption of Locally-Caught Fish

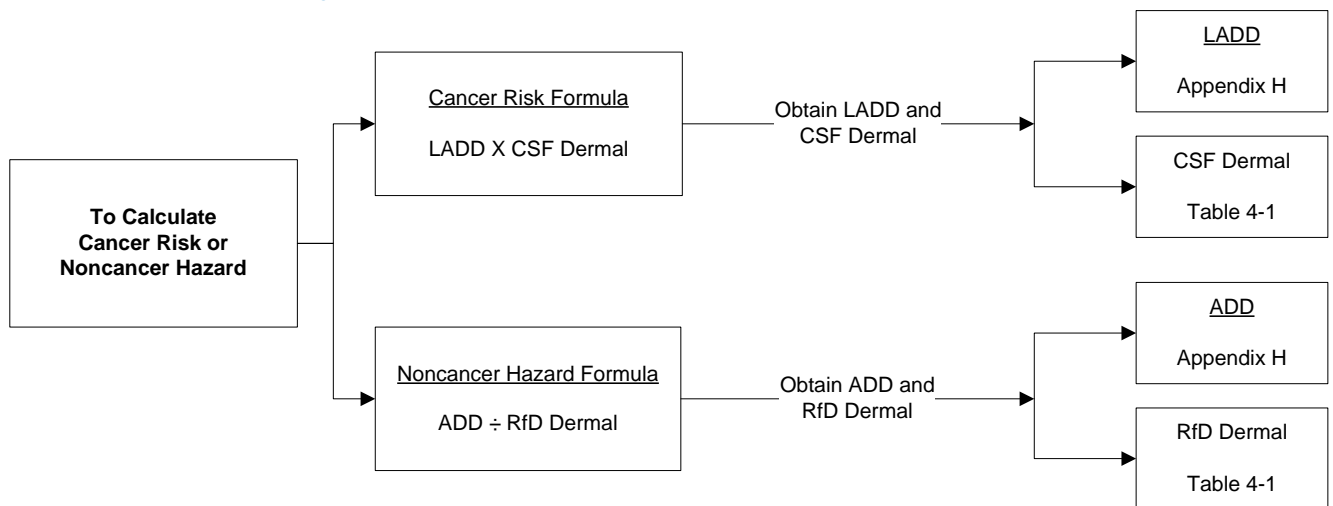




Flowchart 3: Calculating LADD or ADD for Dermal Contact with Soil

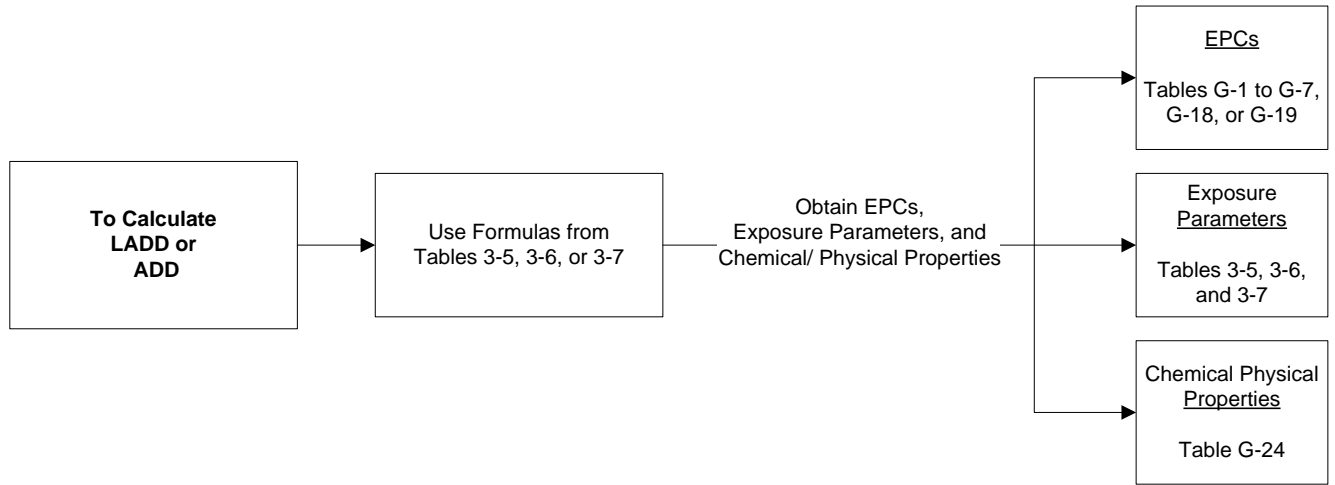


Flowchart 4: Calculating Cancer Risks or Hazard Quotients for Dermal Contact with Soil

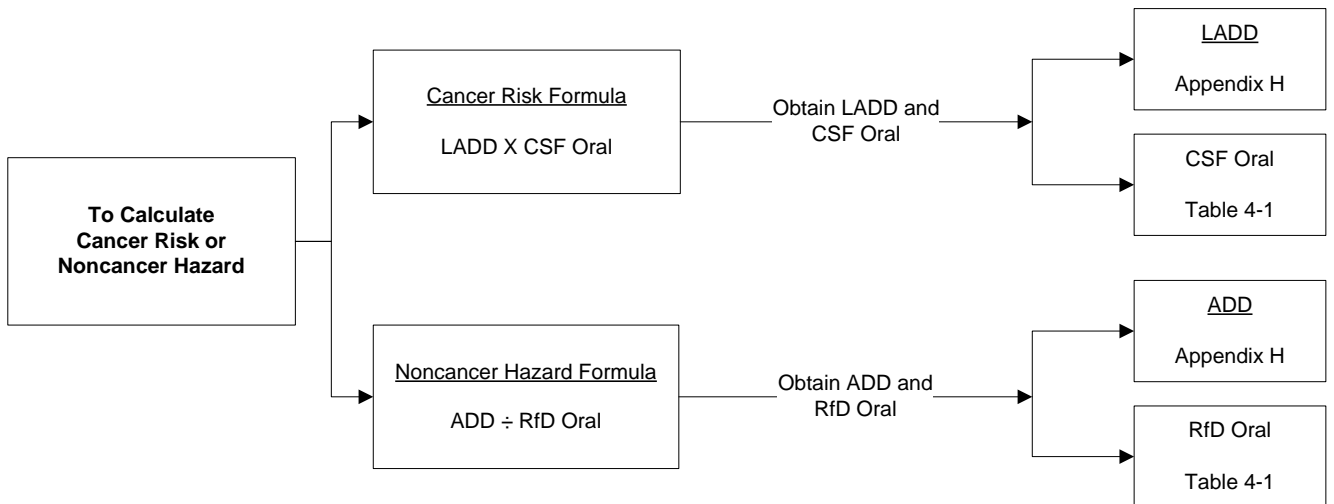




Flowchart 5: Calculating LADD or ADD for Incidental Ingestion of Soil

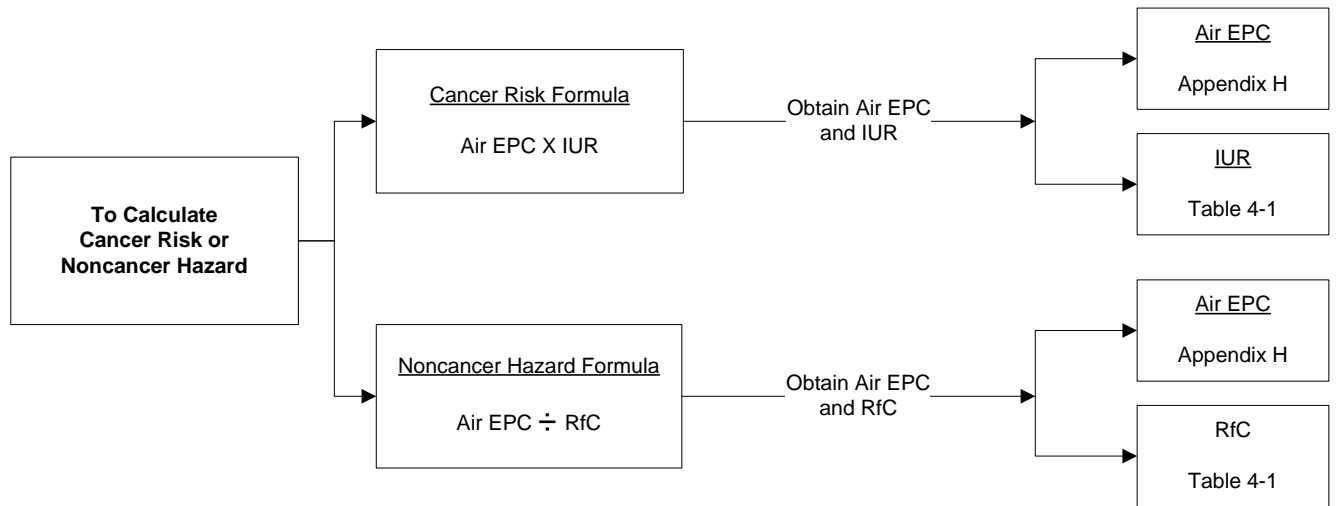


Flowchart 6: Calculating Cancer Risks or Hazard Quotients for Incidental Ingestion of Soil



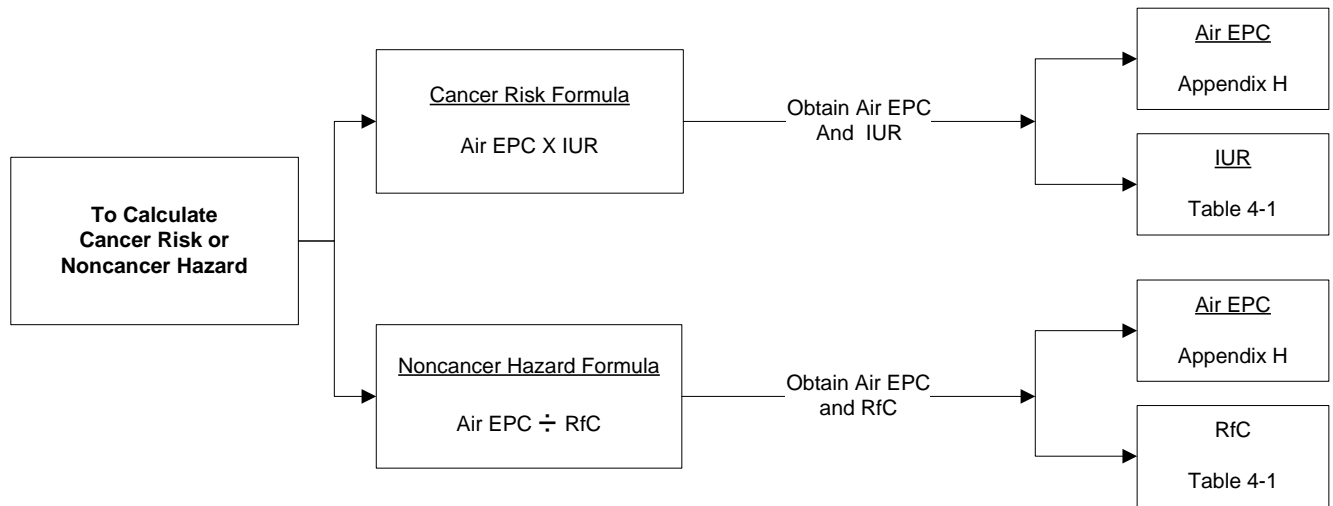


Flowchart 7: Calculating Cancer Risks or Hazard Quotients for Inhalation of Indoor Air



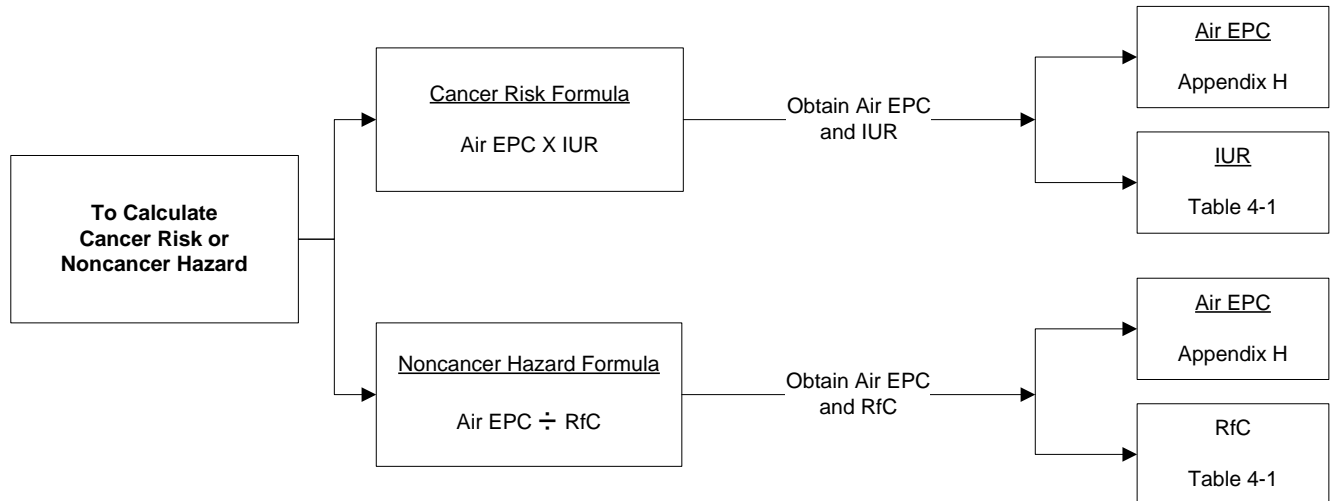


Flowchart 8: Calculating Cancer Risks or Hazard Quotients for Inhalation of Outdoor Air





Flowchart 9: Calculating Cancer Risks or Hazard Quotients for Inhalation of Particulates/Vapors Outside (Soil)





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Table H-1 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			1.2E-05	1.5E-06	
Aldehydes					
Acetaldehyde			2.1E-05	2.6E-06	
Formaldehyde			8.2E-02	1.1E-06	
Propionaldehyde		3.2E-17	2.3E-06	2.8E-07	2.4E-13
CO					
Carbon monoxide			6.4E-04	8.0E-05	
CO2					
Carbon dioxide			2.0E-05	2.5E-06	
Criteria					
Sulfur Dioxide			5.4E-06	6.8E-07	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	1.1E-17	4.2E-17	1.2E-11	1.5E-12	2.1E-18
1,2,3,4,6,7,8-HpCDF	1.1E-17	4.3E-17	1.2E-11	1.5E-12	2.1E-18
1,2,3,4,7,8,9-HpCDF	1.2E-18	4.9E-18	1.6E-12	1.9E-13	2.4E-19
1,2,3,4,7,8-HxCDD	1.2E-18	4.8E-18	1.5E-12	1.8E-13	2.4E-19
1,2,3,4,7,8-HxCDF	9.7E-18	3.8E-17	1.2E-11	1.5E-12	1.9E-18
1,2,3,6,7,8-HxCDD	2.5E-18	9.8E-18	3.1E-12	3.8E-13	4.8E-19
1,2,3,6,7,8-HxCDF	3.2E-18	1.2E-17	3.8E-12	4.8E-13	6.1E-19
1,2,3,7,8,9-HxCDD	3.9E-18	1.5E-17	4.6E-12	5.8E-13	7.6E-19
1,2,3,7,8,9-HxCDF	2.3E-19	8.9E-19	2.9E-13	3.7E-14	4.4E-20

Table H-1 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	1.4E-18	5.4E-18	1.8E-12	2.3E-13	2.7E-19
1,2,3,7,8-PeCDF	1.6E-18	6.4E-18	2.6E-12	3.3E-13	3.1E-19
2,3,4,6,7,8-HxCDF	5.0E-18	2.0E-17	5.9E-12	7.4E-13	9.6E-19
2,3,4,7,8-PeCDF	3.9E-18	1.5E-17	5.9E-12	7.4E-13	7.5E-19
2,3,7,8-TCDD	2.8E-19	1.1E-18	7.4E-13	9.3E-14	3.8E-17
2,3,7,8-TCDF	5.1E-19	2.0E-18	2.7E-12	3.4E-13	9.9E-20
OCDD	7.3E-18	2.9E-17	8.0E-12	1.0E-12	1.4E-18
OCDF	2.8E-18	1.1E-17	3.0E-12	3.8E-13	5.4E-19
DNT					
2,4-Dinitrotoluene	5.7E-09	6.8E-09			3.3E-10
2,6-Dinitrotoluene	9.1E-09	1.1E-08			5.3E-10
HCN					
Hydrogen cyanide			2.3E-06	2.8E-07	
Metals					
Aluminum		1.1E-04			5.5E-06
Antimony		4.3E-09	1.5E-07	1.9E-08	2.1E-10
Arsenic	8.5E-09	2.0E-08	8.5E-09	1.1E-09	1.6E-09
Barium		2.5E-11	1.8E-06	2.2E-07	1.2E-12
Beryllium		1.5E-17	6.1E-10	7.7E-11	7.3E-19
Cadmium		1.2E-17	1.1E-08	1.4E-09	5.7E-19
Chromium		7.6E-13	9.2E-08	1.2E-08	3.7E-14
Cobalt		2.8E-07	1.4E-07	1.8E-08	1.4E-08

Table H-1 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Copper		2.8E-12	2.5E-07	3.2E-08	1.4E-13
Iron		2.4E-04			1.2E-05
Lead		1.5E-06	8.5E-08	1.1E-08	7.2E-08
Manganese		1.1E-14	7.8E-08	9.7E-09	5.6E-16
Mercury (+2)		2.4E-16	3.4E-10	4.2E-11	1.2E-17
Mercury, elemental		2.1E-10	1.4E-12	1.8E-13	4.1E-07
Methyl Mercury		1.5E-17			7.1E-19
Nickel		5.7E-06	5.0E-08	6.2E-09	2.8E-07
Phosphorus		1.1E-16	3.8E-07	4.7E-08	1.0E-12
Selenium		5.8E-19	2.5E-09	3.1E-10	2.8E-20
Silver		9.3E-15	1.6E-09	2.0E-10	4.5E-16
Thallium (Soluble Salts)		1.5E-09			7.5E-11
Titanium		1.1E-16	8.7E-10	1.1E-10	5.6E-18
Zinc		2.6E-15	2.0E-06	2.4E-07	1.3E-16
NOx					
NOx (Oxides of Nitrogen)			2.2E-05	2.8E-06	
PAHs					
1-Methylnaphthalene	3.4E-18	3.1E-18	4.7E-07	5.9E-08	3.5E-15
1-Methylphenanthrene		2.1E-15	5.6E-08	7.0E-09	1.0E-16
2,3,5-Trimethylnaphthalene		9.7E-16	2.8E-08	3.5E-09	4.7E-17
2,6-Dimethylnaphthalene		2.6E-15	7.4E-08	9.2E-09	1.3E-16
2-Methylnaphthalene	3.3E-18	3.0E-18	4.6E-07	5.7E-08	3.4E-15

Table H-1 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acenaphthylene		8.5E-15	2.7E-07	3.4E-08	4.2E-16
Acenaphthene			4.9E-08	6.2E-09	
Anthracene			8.7E-08	1.1E-08	
Benzo(a)anthracene	2.2E-09	2.0E-09	4.3E-08	5.3E-09	3.1E-08
Benzo(a)pyrene	3.8E-09	3.4E-09	1.7E-08	2.1E-09	1.7E-10
Benzo(b)fluoranthene	8.1E-09	7.3E-09	1.9E-08	2.3E-09	3.6E-10
Benzo(e)pyrene		4.9E-16	1.4E-08	1.8E-09	2.4E-17
Benzo(g,h,i)perylene		3.6E-16	1.1E-08	1.4E-09	1.8E-17
Benzo(k)fluoranthene	5.2E-10	4.7E-10	1.7E-10	2.1E-11	2.3E-11
Biphenyl		4.8E-17	1.6E-06	2.0E-07	2.8E-14
Chrysene	3.2E-09	2.9E-09	7.3E-08	9.1E-09	1.4E-10
Dibenze(a,h)anthracene	1.4E-10	1.3E-10	2.7E-09	3.3E-10	6.3E-12
Fluoranthene	8.6E-16	7.8E-16	1.1E-07	1.3E-08	3.8E-17
Fluorene			2.7E-07	3.3E-08	
Indeno(1,2,3-cd)pyrene	2.0E-09	1.8E-09	8.8E-09	1.1E-09	9.0E-11
Napthalene			2.1E-06	2.7E-07	
Perylene		1.9E-16	6.6E-09	8.2E-10	9.2E-18
Phenanthrene			5.0E-07	6.3E-08	
Pyrene	2.4E-15	2.2E-15	1.0E-07	1.3E-08	6.0E-14
Particulate					
Particulate Total Suspended Particulate		4.3E-11	3.3E-04	4.2E-05	2.1E-12
PM<10		5.5E-11	4.4E-04	5.5E-05	2.7E-12

Table H-1 (Lifetime Average Daily Dose)

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Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
PM<2.5		4.5E-11	3.8E-04	4.7E-05	2.2E-12
PCBs					
Dichlorobiphenyl	5.1E-18	4.3E-18	1.3E-09	1.7E-10	4.0E-16
Heptachlorobiphenyl	5.8E-19	4.9E-19	1.8E-11	2.3E-12	2.5E-17
Hexachlorobiphenyl	2.6E-18	2.2E-18	7.6E-11	9.5E-12	1.1E-16
Monochlorobiphenyl	3.5E-17	3.0E-17	9.2E-09	1.2E-09	2.8E-15
Nonachlorobiphenyl	1.0E-19	8.6E-20	2.6E-12	3.2E-13	4.4E-18
Octachlorobiphenyl	1.9E-19	1.6E-19	5.5E-12	6.9E-13	8.1E-18
Pentachlorobiphenyl	9.4E-18	7.9E-18	2.6E-10	3.3E-11	4.0E-16
Tetrachlorobiphenyl	1.9E-18	1.6E-18	4.3E-10	5.4E-11	1.5E-16
Trichlorobiphenyl	2.3E-18	2.0E-18	5.5E-10	6.8E-11	1.8E-16
Pesticides					
DDE		7.3E-10			2.3E-08
SVOCs					
1,2,4-trichlorobenzene			3.9E-09	4.8E-10	
1,2-dichlorobenzene			1.6E-09	1.9E-10	
1,3-Butadiene			4.6E-04		
1,3-dichlorobenzene			2.3E-09	2.9E-10	
1,4-dichlorobenzene			2.2E-08	2.7E-09	
1,4-Dioxane			1.0E-03		
2,4-Dimethylphenol			3.4E-07	4.2E-08	
2-Chlorophenol			6.8E-08	8.5E-09	

Table H-1 (Lifetime Average Daily Dose)

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Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Methylphenol			8.0E-07	9.9E-08	
2-Nitrophenol			1.1E-07	1.3E-08	
3-Methylphenol & 4-Methylphenol		5.3E-14	1.4E-06	1.8E-07	2.6E-15
4-Nitrophenol			1.8E-07	2.2E-08	
Acetophenone			1.7E-06	2.1E-07	
Benzoic acid			7.7E-06	9.6E-07	
Benzyl alcohol			6.4E-08	8.0E-09	
bis(2-Ethylhexyl) phthalate	9.6E-14	1.1E-13	2.7E-06	3.4E-07	5.5E-15
Butyl benzyl phthalate	4.6E-17	5.5E-17	8.5E-08	1.1E-08	2.7E-18
Carbazole		2.0E-16	2.4E-09	3.0E-10	9.8E-18
Dibenzofuran	2.1E-18	8.1E-18	1.4E-07	1.7E-08	3.5E-15
Dimethyl phthalate			4.8E-09	5.9E-10	
Di-n-butyl phthalate	4.6E-17	5.5E-17	1.3E-07	1.6E-08	2.7E-18
Di-n-octyl phthalate	1.3E-16	1.6E-16	9.2E-09	1.1E-09	7.8E-18
Hexachlorobutadiene			6.3E-07	7.9E-08	
Isopropanol			1.2E-02		
Phenol			4.3E-06	5.4E-07	
Pyridine			4.1E-07	5.1E-08	
TRS					
Total Reduced Sulfur			4.2E-06	5.2E-07	
VOCs					
1,1,1,2-Tetrachloroethane			1.9E-09	2.4E-10	

Table H-1 (Lifetime Average Daily Dose)

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Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,1,1-Trichloroethane			1.9E-09	2.4E-10	
1,1-Dichloroethene			3.7E-10	4.6E-11	
1,2,3-Trichlorobenzene			7.6E-09	9.5E-10	
1,2,3-Trichloropropane			1.5E-09	1.9E-10	
1,2,4-Trimethylbenzene			8.9E-08	1.1E-08	
1,2-Dibromoethane			9.9E-10	1.2E-10	
1,2-Dichloroethane			4.9E-04	1.4E-05	
1,3,5-Trimethylbenzene			8.4E-08	1.0E-08	
1,3-Dichloropropane			9.6E-10	1.2E-10	
2-Butanone			4.7E-07	5.9E-08	
2-Chlorotoluene			2.1E-08	2.6E-09	
2-Hexanone			9.7E-08	1.2E-08	
Benzene			1.2E-03	1.4E-04	
Bromobenzene			5.3E-07	6.6E-08	
Bromochloromethane			1.3E-09	1.6E-10	
Bromodichloromethane			1.4E-09	1.7E-10	
Bromomethane			5.4E-08	6.8E-09	
Carbon disulfide			4.8E-08	6.0E-09	
Carbon tetrachloride			2.1E-03	2.2E-04	
Chlorobenzene			6.9E-08	8.6E-09	
Chlorodibromomethane			3.4E-08	4.2E-09	
Chloroethane			1.3E-07	1.6E-08	

Table H-1 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Chloroform			3.6E-04	3.4E-05	
Chloromethane			4.4E-07	5.5E-08	
cis-1,2-Dichloroethene			5.7E-08	7.1E-09	
cis-1,3-Dichloropropene			3.5E-10	4.3E-11	
Dibromomethane			2.9E-09	3.6E-10	
Dichlorodifluoromethane			3.6E-09	4.4E-10	
Ethylbenzene			1.4E-03	3.5E-07	
Isopropylbenzene			2.3E-07	2.8E-08	
m&p-Xylene			5.2E-07	6.5E-08	
Methyl Isobutyl Ketone (4-methyl-2-penta			5.1E-09	6.4E-10	
Methylene chloride			2.6E-07	3.2E-08	
n-Butylbenzene			1.1E-07	1.4E-08	
n-Propylbenzene			1.3E-07	1.7E-08	
o-Xylene			3.3E-07	4.1E-08	
p-Chlorotoluene			7.9E-09	9.9E-10	
p-Isopropyltoluene			5.5E-08	6.9E-09	
sec-Butylbenzene			2.0E-08	2.5E-09	
Styrene			7.3E-06	9.1E-07	
tert-Butylbenzene			6.5E-07	8.2E-08	
Tetrachloroethene			1.7E-09	2.2E-10	
Toluene			4.5E-06	5.6E-07	
trans-1,2-Dichloroethene			1.2E-06	1.5E-07	

Table H-1 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
trans-1,3-Dichloropropene			6.0E-10	7.5E-11	
Trichloroethene			6.5E-05	1.3E-11	
Trichlorofluoromethane			1.2E-09	1.6E-10	
Vinyl chloride			7.1E-08	8.8E-09	

Table H-2 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			8.4E-07	1.0E-07	
Aldehydes					
Acetaldehyde			1.4E-06	1.8E-07	
Formaldehyde			5.7E-03	7.7E-08	
Propionaldehyde		2.2E-15	1.6E-07	2.0E-08	1.7E-14
CO					
Carbon monoxide			4.5E-05	5.6E-06	
CO2					
Carbon dioxide			1.4E-06	1.8E-07	
Criteria					
Sulfur Dioxide			3.8E-07	4.7E-08	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	1.4E-15	5.5E-15	8.5E-13	1.1E-13	2.7E-19
1,2,3,4,6,7,8-HpCDF	1.4E-15	5.5E-15	8.6E-13	1.1E-13	2.7E-19
1,2,3,4,7,8,9-HpCDF	1.6E-16	6.4E-16	1.1E-13	1.4E-14	3.1E-20
1,2,3,4,7,8-HxCDD	1.6E-16	6.2E-16	1.0E-13	1.3E-14	3.1E-20
1,2,3,4,7,8-HxCDF	1.3E-15	4.9E-15	8.3E-13	1.0E-13	2.4E-19
1,2,3,6,7,8-HxCDD	3.2E-16	1.3E-15	2.1E-13	2.7E-14	6.2E-20
1,2,3,6,7,8-HxCDF	4.1E-16	1.6E-15	2.7E-13	3.4E-14	7.9E-20
1,2,3,7,8,9-HxCDD	5.1E-16	2.0E-15	3.2E-13	4.1E-14	9.8E-20
1,2,3,7,8,9-HxCDF	2.9E-17	1.2E-16	2.1E-14	2.6E-15	5.7E-21

Table H-2 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	1.8E-16	7.0E-16	1.3E-13	1.6E-14	3.5E-20
1,2,3,7,8-PeCDF	2.1E-16	8.3E-16	1.8E-13	2.3E-14	4.0E-20
2,3,4,6,7,8-HxCDF	6.4E-16	2.5E-15	4.2E-13	5.2E-14	1.2E-19
2,3,4,7,8-PeCDF	5.0E-16	2.0E-15	4.1E-13	5.2E-14	9.7E-20
2,3,7,8-TCDD	3.6E-17	1.4E-16	5.2E-14	6.5E-15	4.9E-18
2,3,7,8-TCDF	6.6E-17	2.6E-16	1.9E-13	2.4E-14	1.3E-20
OCDD	9.4E-16	3.7E-15	5.6E-13	7.0E-14	1.8E-19
OCDF	3.6E-16	1.4E-15	2.1E-13	2.6E-14	7.0E-20
DNT					
2,4-Dinitrotoluene	4.0E-07	4.7E-07			2.3E-11
2,6-Dinitrotoluene	6.4E-07	7.6E-07			3.7E-11
HCN					
Hydrogen cyanide			1.6E-07	2.0E-08	
Metals					
Aluminum		7.9E-03			3.9E-07
Antimony		3.0E-07	1.0E-08	1.3E-09	1.5E-11
Arsenic	6.0E-07	1.4E-06	5.9E-10	7.4E-11	1.2E-10
Barium		3.1E-09	1.3E-07	1.6E-08	1.5E-13
Beryllium		1.0E-15	4.3E-11	5.4E-12	5.1E-20
Cadmium		8.2E-16	7.6E-10	9.5E-11	4.0E-20
Chromium		8.3E-11	6.5E-09	8.1E-10	4.1E-15
Cobalt		1.9E-05	9.8E-09	1.2E-09	9.5E-10

Table H-2 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Copper		3.4E-10	1.8E-08	2.2E-09	1.6E-14
Iron		1.7E-02			8.3E-07
Lead		1.0E-04	6.0E-09	7.5E-10	5.0E-09
Manganese		8.0E-13	5.5E-09	6.8E-10	3.9E-17
Mercury (+2)		3.4E-14	2.4E-11	2.9E-12	1.7E-18
Mercury, elemental		1.5E-08	9.8E-14	1.2E-14	2.9E-08
Methyl Mercury		2.0E-15			1.0E-19
Nickel		4.0E-04	3.5E-09	4.3E-10	2.0E-08
Phosphorus		7.5E-15	2.6E-08	3.3E-09	7.2E-14
Selenium		4.0E-17	1.7E-10	2.2E-11	2.0E-21
Silver		8.4E-13	1.1E-10	1.4E-11	4.1E-17
Thallium (Soluble Salts)		1.1E-07			5.2E-12
Titanium		8.0E-15	6.1E-11	7.6E-12	3.9E-19
Zinc		1.8E-13	1.4E-07	1.7E-08	9.0E-18
NOx					
NOx (Oxides of Nitrogen)			1.6E-06	2.0E-07	
PAHs					
1-Methylnaphthalene	2.4E-16	2.2E-16	3.3E-08	4.1E-09	2.5E-16
1-Methylphenanthrene		1.5E-13	3.9E-09	4.9E-10	7.1E-18
2,3,5-Trimethylnaphthalene		6.8E-14	1.9E-09	2.4E-10	3.3E-18
2,6-Dimethylnaphthalene		1.9E-13	5.1E-09	6.4E-10	9.1E-18
2-Methylnaphthalene	2.3E-16	2.1E-16	3.2E-08	4.0E-09	2.4E-16

Table H-2 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acenaphthylene		6.0E-13	1.9E-08	2.4E-09	2.9E-17
Acenaphthene			3.5E-09	4.3E-10	
Anthracene			6.1E-09	7.6E-10	
Benzo(a)anthracene	1.6E-07	1.4E-07	3.0E-09	3.7E-10	2.1E-09
Benzo(a)pyrene	2.6E-07	2.4E-07	1.2E-09	1.5E-10	1.2E-11
Benzo(b)fluoranthene	5.7E-07	5.1E-07	1.3E-09	1.6E-10	2.5E-11
Benzo(e)pyrene		3.4E-14	1.0E-09	1.3E-10	1.7E-18
Benzo(g,h,i)perylene		2.5E-14	7.7E-10	9.6E-11	1.2E-18
Benzo(k)fluoranthene	3.6E-08	3.3E-08	1.2E-11	1.5E-12	1.6E-12
Biphenyl		3.3E-15	1.1E-07	1.4E-08	2.0E-15
Chrysene	2.3E-07	2.1E-07	5.1E-09	6.4E-10	1.0E-11
Dibenze(a,h)anthracene	9.9E-09	9.0E-09	1.9E-10	2.3E-11	4.4E-13
Fluoranthene	6.7E-14	6.1E-14	7.5E-09	9.4E-10	3.0E-18
Fluorene			1.9E-08	2.3E-09	
Indeno(1,2,3-cd)pyrene	1.4E-07	1.3E-07	6.2E-10	7.7E-11	6.3E-12
Napthalene			1.5E-07	1.9E-08	
Perylene		1.3E-14	4.6E-10	5.8E-11	6.5E-19
Phenanthrene			3.5E-08	4.4E-09	
Pyrene	2.5E-13	2.3E-13	7.3E-09	9.1E-10	6.4E-15
Particulate					
Particulate Total Suspended Particulate		3.0E-09	2.3E-05	2.9E-06	1.5E-13
PM<10		3.8E-09	3.1E-05	3.9E-06	1.9E-13

Table H-2 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
PM<2.5		3.2E-09	2.6E-05	3.3E-06	1.6E-13
PCBs					
Dichlorobiphenyl	6.5E-16	5.5E-16	9.3E-11	1.2E-11	5.1E-17
Heptachlorobiphenyl	7.5E-17	6.3E-17	1.3E-12	1.6E-13	3.2E-18
Hexachlorobiphenyl	3.4E-16	2.9E-16	5.3E-12	6.7E-13	1.5E-17
Monochlorobiphenyl	4.5E-15	3.8E-15	6.5E-10	8.1E-11	3.5E-16
Nonachlorobiphenyl	1.3E-17	1.1E-17	1.8E-13	2.2E-14	5.7E-19
Octachlorobiphenyl	2.4E-17	2.0E-17	3.9E-13	4.9E-14	1.0E-18
Pentachlorobiphenyl	1.2E-15	1.0E-15	1.8E-11	2.3E-12	5.2E-17
Tetrachlorobiphenyl	2.5E-16	2.1E-16	3.0E-11	3.8E-12	2.0E-17
Trichlorobiphenyl	3.0E-16	2.5E-16	3.8E-11	4.8E-12	2.3E-17
Pesticides					
DDE		5.1E-08			1.6E-09
SVOCs					
1,2,4-trichlorobenzene			2.7E-10	3.4E-11	
1,2-dichlorobenzene			1.1E-10	1.4E-11	
1,3-Butadiene			3.2E-05		
1,3-dichlorobenzene			1.6E-10	2.0E-11	
1,4-dichlorobenzene			1.5E-09	1.9E-10	
1,4-Dioxane			7.3E-05		
2,4-Dimethylphenol			2.4E-08	3.0E-09	
2-Chlorophenol			4.7E-09	5.9E-10	

Table H-2 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Methylphenol			5.6E-08	7.0E-09	
2-Nitrophenol			7.6E-09	9.4E-10	
3-Methylphenol & 4-Methylphenol		3.7E-12	1.0E-07	1.3E-08	1.8E-16
4-Nitrophenol			1.3E-08	1.6E-09	
Acetophenone			1.2E-07	1.5E-08	
Benzoic acid			5.4E-07	6.7E-08	
Benzyl alcohol			4.5E-09	5.6E-10	
bis(2-Ethylhexyl) phthalate	6.7E-12	8.0E-12	1.9E-07	2.4E-08	3.9E-16
Butyl benzyl phthalate	3.3E-15	3.8E-15	6.0E-09	7.5E-10	1.9E-19
Carbazole		1.4E-14	1.7E-10	2.1E-11	6.9E-19
Dibenzofuran	1.4E-16	5.7E-16	9.5E-09	1.2E-09	2.4E-16
Dimethyl phthalate			3.3E-10	4.2E-11	
Di-n-butyl phthalate	3.3E-15	3.9E-15	9.2E-09	1.1E-09	1.9E-19
Di-n-octyl phthalate	9.4E-15	1.1E-14	6.4E-10	8.0E-11	5.5E-19
Hexachlorobutadiene			4.4E-08	5.5E-09	
Isopropanol			8.2E-04		
Phenol			3.0E-07	3.8E-08	
Pyridine			2.9E-08	3.6E-09	
TRS					
Total Reduced Sulfur			2.9E-07	3.6E-08	
VOCs					
1,1,1,2-Tetrachloroethane			1.3E-10	1.7E-11	

Table H-2 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,1,1-Trichloroethane			1.3E-10	1.7E-11	
1,1-Dichloroethene			2.6E-11	3.2E-12	
1,2,3-Trichlorobenzene			5.3E-10	6.7E-11	
1,2,3-Trichloropropane			1.1E-10	1.4E-11	
1,2,4-Trimethylbenzene			6.2E-09	7.8E-10	
1,2-Dibromoethane			6.9E-11	8.6E-12	
1,2-Dichloroethane			3.4E-05	1.0E-06	
1,3,5-Trimethylbenzene			5.9E-09	7.3E-10	
1,3-Dichloropropane			6.7E-11	8.4E-12	
2-Butanone			3.3E-08	4.1E-09	
2-Chlorotoluene			1.5E-09	1.8E-10	
2-Hexanone			6.8E-09	8.4E-10	
Benzene			8.4E-05	9.7E-06	
Bromobenzene			3.7E-08	4.7E-09	
Bromochloromethane			8.8E-11	1.1E-11	
Bromodichloromethane			9.5E-11	1.2E-11	
Bromomethane			3.8E-09	4.8E-10	
Carbon disulfide			3.3E-09	4.2E-10	
Carbon tetrachloride			1.5E-04	1.5E-05	
Chlorobenzene			4.8E-09	6.0E-10	
Chlorodibromomethane			2.4E-09	3.0E-10	
Chloroethane			9.1E-09	1.1E-09	

Table H-2 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Chloroform			2.5E-05	2.4E-06	
Chloromethane			3.1E-08	3.9E-09	
cis-1,2-Dichloroethene			4.0E-09	5.0E-10	
cis-1,3-Dichloropropene			2.4E-11	3.0E-12	
Dibromomethane			2.0E-10	2.5E-11	
Dichlorodifluoromethane			2.5E-10	3.1E-11	
Ethylbenzene			9.6E-05	2.4E-08	
Isopropylbenzene			1.6E-08	2.0E-09	
m&p-Xylene			3.6E-08	4.6E-09	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.6E-10	4.5E-11	
Methylene chloride			1.8E-08	2.3E-09	
n-Butylbenzene			7.8E-09	9.7E-10	
n-Propylbenzene			9.4E-09	1.2E-09	
o-Xylene			2.3E-08	2.9E-09	
p-Chlorotoluene			5.5E-10	6.9E-11	
p-Isopropyltoluene			3.8E-09	4.8E-10	
sec-Butylbenzene			1.4E-09	1.8E-10	
Styrene			5.1E-07	6.4E-08	
tert-Butylbenzene			4.6E-08	5.7E-09	
Tetrachloroethene			1.2E-10	1.5E-11	
Toluene			3.2E-07	3.9E-08	
trans-1,2-Dichloroethene			8.4E-08	1.1E-08	

Table H-2 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
trans-1,3-Dichloropropene			4.2E-11	5.3E-12	
Trichloroethene			4.6E-06	9.1E-13	
Trichlorofluoromethane			8.7E-11	1.1E-11	
Vinyl chloride			5.0E-09	6.2E-10	

Table H-3 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						1.2E-05	2.8E-05	1.5E-06	1.5E-06		
Aldehydes											
Acetaldehyde	1.3E-15					2.1E-05	4.8E-05	2.6E-06	2.6E-06		
Formaldehyde	6.5E-15					8.2E-02	2.0E-05	1.1E-06	1.1E-06		
Propionaldehyde				3.2E-17	9.0E-17	2.3E-06	5.2E-06	2.8E-07	2.8E-07	2.4E-13	1.5E-12
CO											
Carbon monoxide						6.4E-04	1.5E-03	8.0E-05	8.0E-05		
CO2											
Carbon dioxide						2.0E-05	4.6E-05	2.5E-06	2.5E-06		
Criteria											
Sulfur Dioxide						5.4E-06	1.2E-05	6.8E-07	6.8E-07		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-20	1.1E-17	1.5E-17	4.2E-17	1.2E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	2.1E-18	1.3E-17
1,2,3,4,6,7,8-HpCDF	1.3E-20	1.1E-17	1.5E-17	4.3E-17	1.2E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	2.1E-18	1.3E-17
1,2,3,4,7,8,9-HpCDF	2.1E-21	1.2E-18	1.7E-18	4.9E-18	1.4E-17	1.6E-12	3.6E-12	1.9E-13	1.9E-13	2.4E-19	1.5E-18
1,2,3,4,7,8-HxCDD	1.6E-20	1.2E-18	1.7E-18	4.8E-18	1.3E-17	1.5E-12	3.3E-12	1.8E-13	1.8E-13	2.4E-19	1.5E-18
1,2,3,4,7,8-HxCDF	1.1E-19	9.7E-18	1.4E-17	3.8E-17	1.1E-16	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.9E-18	1.2E-17
1,2,3,6,7,8-HxCDD	3.1E-20	2.5E-18	3.5E-18	9.8E-18	2.7E-17	3.1E-12	7.1E-12	3.8E-13	3.8E-13	4.8E-19	3.0E-18
1,2,3,6,7,8-HxCDF	4.0E-20	3.2E-18	4.4E-18	1.2E-17	3.5E-17	3.8E-12	8.8E-12	4.8E-13	4.8E-13	6.1E-19	3.8E-18
1,2,3,7,8,9-HxCDD	4.3E-20	3.9E-18	5.5E-18	1.5E-17	4.3E-17	4.6E-12	1.1E-11	5.8E-13	5.8E-13	7.6E-19	4.7E-18
1,2,3,7,8,9-HxCDF	3.4E-21	2.3E-19	3.2E-19	8.9E-19	2.5E-18	2.9E-13	6.8E-13	3.7E-14	3.7E-14	4.4E-20	2.7E-19
1,2,3,7,8-PeCDD	9.8E-20	1.4E-18	1.9E-18	5.4E-18	1.5E-17	1.8E-12	4.3E-12	2.3E-13	2.3E-13	2.7E-19	1.6E-18
1,2,3,7,8-PeCDF	1.4E-19	1.6E-18	2.3E-18	6.4E-18	1.8E-17	2.6E-12	6.1E-12	3.3E-13	3.3E-13	3.1E-19	1.9E-18

Table H-3 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.8E-20	5.0E-18	6.9E-18	2.0E-17	5.5E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	9.6E-19	5.9E-18
2,3,4,7,8-PeCDF	2.1E-19	3.9E-18	5.4E-18	1.5E-17	4.3E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	7.5E-19	4.6E-18
2,3,7,8-TCDD	3.4E-20	2.8E-19	4.0E-19	1.1E-18	3.1E-18	7.4E-13	1.7E-12	9.3E-14	9.3E-14	3.8E-17	2.3E-16
2,3,7,8-TCDF	1.1E-19	5.1E-19	7.2E-19	2.0E-18	5.7E-18	2.7E-12	6.3E-12	3.4E-13	3.4E-13	9.9E-20	6.1E-19
OCDD	1.7E-22	7.3E-18	1.0E-17	2.9E-17	8.0E-17	8.0E-12	1.9E-11	1.0E-12	1.0E-12	1.4E-18	8.6E-18
OCDF	6.5E-23	2.8E-18	3.9E-18	1.1E-17	3.1E-17	3.0E-12	7.0E-12	3.8E-13	3.8E-13	5.4E-19	3.3E-18
DNT											
2,4-Dinitrotoluene		5.7E-09		6.8E-09						3.3E-10	
2,6-Dinitrotoluene		9.1E-09		1.1E-08						5.3E-10	
HCN											
Hydrogen cyanide						2.3E-06	5.2E-06	2.8E-07	2.8E-07		
Metals											
Aluminum				1.1E-04	2.8E-04					5.5E-06	3.0E-05
Antimony	2.2E-19			4.3E-09	2.1E-08	1.5E-07	3.4E-07	1.9E-08	1.9E-08	2.1E-10	2.2E-09
Arsenic	1.2E-17	8.5E-09	3.3E-09	2.0E-08	1.6E-08	8.5E-09	2.0E-08	1.1E-09	1.1E-09	1.6E-09	2.8E-09
Barium	2.6E-14			2.5E-11	7.1E-11	1.8E-06	4.2E-06	2.2E-07	2.2E-07	1.2E-12	7.7E-12
Beryllium	4.7E-19			1.5E-17	4.2E-17	6.1E-10	1.4E-09	7.7E-11	7.7E-11	7.3E-19	4.5E-18
Cadmium	1.2E-16			1.2E-17	3.3E-17	1.1E-08	2.5E-08	1.4E-09	1.4E-09	5.7E-19	3.5E-18
Chromium	3.1E-17			7.6E-13	2.1E-12	9.2E-08	2.1E-07	1.2E-08	1.2E-08	3.7E-14	2.3E-13
Cobalt				2.8E-07	5.3E-07	1.4E-07	3.2E-07	1.8E-08	1.8E-08	1.4E-08	5.7E-08
Copper				2.8E-12	7.8E-12	2.5E-07	5.9E-07	3.2E-08	3.2E-08	1.4E-13	8.4E-13
Iron				2.4E-04	5.4E-04					1.2E-05	5.8E-05
Lead	9.9E-20			1.5E-06	3.3E-06	8.5E-08	2.0E-07	1.1E-08	1.1E-08	7.2E-08	3.5E-07
Manganese				1.1E-14	3.2E-14	7.8E-08	1.8E-07	9.7E-09	9.7E-09	5.6E-16	3.4E-15

Table H-3 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				2.4E-16	6.9E-16	3.4E-10	7.8E-10	4.2E-11	4.2E-11	1.2E-17	7.4E-17
Mercury, elemental				2.1E-10	6.3E-10	1.4E-12	3.2E-12	1.8E-13	1.8E-13	4.1E-07	2.5E-06
Methyl Mercury	9.3E-17			1.5E-17	4.1E-17					7.1E-19	4.4E-18
Nickel	4.7E-17			5.7E-06	1.0E-05	5.0E-08	1.1E-07	6.2E-09	6.2E-09	2.8E-07	1.1E-06
Phosphorus				1.1E-16	3.0E-16	3.8E-07	8.7E-07	4.7E-08	4.7E-08	1.0E-12	6.4E-12
Selenium	3.9E-18			5.8E-19	1.6E-18	2.5E-09	5.8E-09	3.1E-10	3.1E-10	2.8E-20	1.7E-19
Silver	2.7E-18			9.3E-15	2.6E-14	1.6E-09	3.8E-09	2.0E-10	2.0E-10	4.5E-16	2.8E-15
Thallium (Soluble Salts)				1.5E-09	2.4E-09					7.5E-11	2.6E-10
Titanium				1.1E-16	3.2E-16	8.7E-10	2.0E-09	1.1E-10	1.1E-10	5.6E-18	3.5E-17
Zinc	5.8E-14			2.6E-15	7.4E-15	2.0E-06	4.5E-06	2.4E-07	2.4E-07	1.3E-16	8.0E-16
NOx											
NOx (Oxides of Nitrogen)						2.2E-05	5.2E-05	2.8E-06	2.8E-06		
PAHs											
1-Methylnaphthalene		3.4E-18	4.8E-18	3.1E-18	8.7E-18	4.7E-07	1.1E-06	5.9E-08	5.9E-08	3.5E-15	2.2E-14
1-Methylphenanthrene				2.1E-15	5.8E-15	5.6E-08	1.3E-07	7.0E-09	7.0E-09	1.0E-16	6.2E-16
2,3,5-Trimethylnaphthalene				9.7E-16	2.7E-15	2.8E-08	6.4E-08	3.5E-09	3.5E-09	4.7E-17	2.9E-16
2,6-Dimethylnaphthalene				2.6E-15	7.4E-15	7.4E-08	1.7E-07	9.2E-09	9.2E-09	1.3E-16	8.0E-16
2-Methylnaphthalene		3.3E-18	4.6E-18	3.0E-18	8.4E-18	4.6E-07	1.1E-06	5.7E-08	5.7E-08	3.4E-15	2.1E-14
Acenaphthylene				8.5E-15	2.4E-14	2.7E-07	6.2E-07	3.4E-08	3.4E-08	4.2E-16	2.6E-15
Acenaphthene	4.8E-17					4.9E-08	1.1E-07	6.2E-09	6.2E-09		
Anthracene	6.1E-16					8.7E-08	2.0E-07	1.1E-08	1.1E-08		
Benzo(a)anthracene	8.8E-14	2.2E-09	7.3E-09	2.0E-09	1.3E-08	4.3E-08	9.9E-08	5.3E-09	5.3E-09	3.1E-08	1.9E-07
Benzo(a)pyrene	4.4E-14	3.8E-09	8.0E-09	3.4E-09	1.5E-08	1.7E-08	3.9E-08	2.1E-09	2.1E-09	1.7E-10	1.6E-09
Benzo(b)fluoranthene	1.2E-14	8.1E-09	1.1E-08	7.3E-09	2.0E-08	1.9E-08	4.3E-08	2.3E-09	2.3E-09	3.6E-10	2.2E-09

Table H-3 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				4.9E-16	1.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	2.4E-17	1.5E-16
Benzo(g,h,i)perylene				3.6E-16	1.0E-15	1.1E-08	2.5E-08	1.4E-09	1.4E-09	1.8E-17	1.1E-16
Benzo(k)fluoranthene	8.8E-17	5.2E-10	5.7E-09	4.7E-10	1.0E-08	1.7E-10	3.8E-10	2.1E-11	2.1E-11	2.3E-11	1.1E-09
Biphenyl				4.8E-17	1.3E-16	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.8E-14	1.7E-13
Chrysene	1.5E-14	3.2E-09	8.2E-09	2.9E-09	1.5E-08	7.3E-08	1.7E-07	9.1E-09	9.1E-09	1.4E-10	1.6E-09
Dibenze(a,h)anthracene	2.1E-15	1.4E-10	2.0E-09	1.3E-10	3.6E-09	2.7E-09	6.1E-09	3.3E-10	3.3E-10	6.3E-12	3.9E-10
Fluoranthene	4.0E-15	8.6E-16	1.2E-15	7.8E-16	2.2E-15	1.1E-07	2.5E-07	1.3E-08	1.3E-08	3.8E-17	2.4E-16
Fluorene	8.7E-16					2.7E-07	6.2E-07	3.3E-08	3.3E-08		
Indeno(1,2,3-cd)pyrene	5.4E-15	2.0E-09	5.2E-09	1.8E-09	9.5E-09	8.8E-09	2.0E-08	1.1E-09	1.1E-09	9.0E-11	1.0E-09
Napthalene	4.0E-16					2.1E-06	4.9E-06	2.7E-07	2.7E-07		
Perylene				1.9E-16	5.3E-16	6.6E-09	1.5E-08	8.2E-10	8.2E-10	9.2E-18	5.7E-17
Phenanthrene	4.2E-15					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
Pyrene	2.9E-15	2.4E-15	3.3E-15	2.2E-15	6.0E-15	1.0E-07	2.4E-07	1.3E-08	1.3E-08	6.0E-14	3.7E-13
Particulate											
Particulate Total Suspended Particulate				4.3E-11	1.2E-10	3.3E-04	7.7E-04	4.2E-05	4.2E-05	2.1E-12	1.3E-11
PM<10				5.5E-11	1.5E-10	4.4E-04	1.0E-03	5.5E-05	5.5E-05	2.7E-12	1.6E-11
PM<2.5				4.5E-11	1.3E-10	3.8E-04	8.7E-04	4.7E-05	4.7E-05	2.2E-12	1.4E-11
PCBs											
Dichlorobiphenyl	8.7E-17	5.1E-18	7.1E-18	4.3E-18	1.2E-17	1.3E-09	3.1E-09	1.7E-10	1.7E-10	4.0E-16	2.5E-15
Heptachlorobiphenyl	3.3E-18	5.8E-19	8.1E-19	4.9E-19	1.4E-18	1.8E-11	4.2E-11	2.3E-12	2.3E-12	2.5E-17	1.5E-16
Hexachlorobiphenyl	1.3E-17	2.6E-18	3.6E-18	2.2E-18	6.2E-18	7.6E-11	1.8E-10	9.5E-12	9.5E-12	1.1E-16	6.9E-16
Monochlorobiphenyl	6.1E-16	3.5E-17	4.9E-17	3.0E-17	8.3E-17	9.2E-09	2.1E-08	1.2E-09	1.2E-09	2.8E-15	1.7E-14
Nonachlorobiphenyl	4.1E-19	1.0E-19	1.4E-19	8.6E-20	2.4E-19	2.6E-12	5.9E-12	3.2E-13	3.2E-13	4.4E-18	2.7E-17
Octachlorobiphenyl	9.7E-19	1.9E-19	2.6E-19	1.6E-19	4.4E-19	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.1E-18	5.0E-17

Table H-3 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	4.4E-17	9.4E-18	1.3E-17	7.9E-18	2.2E-17	2.6E-10	6.0E-10	3.3E-11	3.3E-11	4.0E-16	2.5E-15
Tetrachlorobiphenyl	2.6E-17	1.9E-18	2.7E-18	1.6E-18	4.6E-18	4.3E-10	9.9E-10	5.4E-11	5.4E-11	1.5E-16	9.4E-16
Trichlorobiphenyl	3.4E-17	2.3E-18	3.2E-18	2.0E-18	5.5E-18	5.5E-10	1.3E-09	6.8E-11	6.8E-11	1.8E-16	1.1E-15
Pesticides											
DDE				7.3E-10	3.1E-09					2.3E-08	1.4E-07
Dieldrin			1.4E-10		3.4E-10						3.6E-11
SVOCs											
1,2,4-trichlorobenzene						3.9E-09	8.9E-09	4.8E-10	4.8E-10		
1,2-dichlorobenzene	3.9E-20					1.6E-09	3.6E-09	1.9E-10	1.9E-10		
1,3-Butadiene						4.6E-04					
1,3-dichlorobenzene	9.9E-20					2.3E-09	5.4E-09	2.9E-10	2.9E-10		
1,4-dichlorobenzene	1.3E-18					2.2E-08	5.0E-08	2.7E-09	2.7E-09		
1,4-Dioxane						1.0E-03					
2,4-Dimethylphenol	3.6E-17					3.4E-07	7.8E-07	4.2E-08	4.2E-08		
2-Chlorophenol	1.8E-18					6.8E-08	1.6E-07	8.5E-09	8.5E-09		
2-Methylphenol	7.5E-16					8.0E-07	1.8E-06	9.9E-08	9.9E-08		
2-Nitrophenol	4.6E-18					1.1E-07	2.5E-07	1.3E-08	1.3E-08		
3-Methylphenol & 4-Methylphenol				5.3E-14	1.5E-13	1.4E-06	3.3E-06	1.8E-07	1.8E-07	2.6E-15	1.6E-14
4-Nitrophenol	9.3E-18					1.8E-07	4.1E-07	2.2E-08	2.2E-08		
Acetophenone	5.6E-17					1.7E-06	3.9E-06	2.1E-07	2.1E-07		
Benzoic acid	2.3E-16					7.7E-06	1.8E-05	9.6E-07	9.6E-07		
Benzyl alcohol	1.4E-19					6.4E-08	1.5E-07	8.0E-09	8.0E-09		
bis(2-Ethylhexyl) phthalate	7.0E-15	9.6E-14	1.3E-13	1.1E-13	3.2E-13	2.7E-06	6.3E-06	3.4E-07	3.4E-07	5.5E-15	3.4E-14
Butyl benzyl phthalate	2.5E-15	4.6E-17	6.5E-17	5.5E-17	1.5E-16	8.5E-08	2.0E-07	1.1E-08	1.1E-08	2.7E-18	1.7E-17

Table H-3 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Carbazole				2.0E-16	5.6E-16	2.4E-09	5.5E-09	3.0E-10	3.0E-10	9.8E-18	6.0E-17
Dibenzofuran		2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.4E-07	3.1E-07	1.7E-08	1.7E-08	3.5E-15	2.1E-14
Dimethyl phthalate	9.2E-19					4.8E-09	1.1E-08	5.9E-10	5.9E-10		
Di-n-butyl phthalate	2.4E-14	4.6E-17	6.5E-17	5.5E-17	1.5E-16	1.3E-07	3.0E-07	1.6E-08	1.6E-08	2.7E-18	1.7E-17
Di-n-octyl phthalate	1.8E-19	1.3E-16	1.9E-16	1.6E-16	4.4E-16	9.2E-09	2.1E-08	1.1E-09	1.1E-09	7.8E-18	4.8E-17
Hexachlorobutadiene	9.6E-17					6.3E-07	1.5E-06	7.9E-08	7.9E-08		
Isopropanol						1.2E-02	3.2E-02				
p-Chloroaniline			4.7E-09		1.1E-08						1.2E-09
Phenol	2.1E-15					4.3E-06	9.9E-06	5.4E-07	5.4E-07		
Pyridine	1.1E-16					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
TRS											
Total Reduced Sulfur						4.2E-06	9.6E-06	5.2E-07	5.2E-07		
VOCs											
1,1,1,2-Tetrachloroethane	3.8E-20					1.9E-09	4.5E-09	2.4E-10	2.4E-10		
1,1,1-Trichloroethane	2.5E-21					1.9E-09	4.4E-09	2.4E-10	2.4E-10		
1,1-Dichloroethene	8.5E-23					3.7E-10	8.6E-10	4.6E-11	4.6E-11		
1,2,3-Trichlorobenzene	2.7E-18					7.6E-09	1.8E-08	9.5E-10	9.5E-10		
1,2,3-Trichloropropane	1.5E-20					1.5E-09	3.6E-09	1.9E-10	1.9E-10		
1,2,4-Trimethylbenzene						8.9E-08	2.1E-07	1.1E-08	1.1E-08		
1,2-Dibromoethane	5.3E-21					9.9E-10	2.3E-09	1.2E-10	1.2E-10		
1,2-Dichloroethane	1.7E-19					4.9E-04	6.3E-04	1.4E-05	1.4E-05		
1,3,5-Trimethylbenzene	8.6E-19					8.4E-08	1.9E-07	1.0E-08	1.0E-08		
1,3-Dichloropropane						9.6E-10	2.2E-09	1.2E-10	1.2E-10		
2-Butanone	3.5E-17					4.7E-07	1.1E-06	5.9E-08	5.9E-08		

Table H-3 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2-Chlorotoluene						2.1E-08	4.9E-08	2.6E-09	2.6E-09		
2-Hexanone						9.7E-08	2.2E-07	1.2E-08	1.2E-08		
Benzene	2.8E-17					1.2E-03	3.8E-03	1.4E-04	1.4E-04		
Bromobenzene						5.3E-07	1.2E-06	6.6E-08	6.6E-08		
Bromochloromethane						1.3E-09	2.9E-09	1.6E-10	1.6E-10		
Bromodichloromethane	4.5E-21					1.4E-09	4.8E-03	1.7E-10	1.7E-10		
Bromoform							2.2E-02				
Bromomethane	1.9E-20					5.4E-08	1.3E-07	6.8E-09	6.8E-09		
Carbon disulfide	1.8E-20					4.8E-08	1.1E-07	6.0E-09	6.0E-09		
Carbon tetrachloride	1.9E-21					2.1E-03	5.6E-03	2.2E-04	2.2E-04		
Chlorobenzene	6.7E-19					6.9E-08	1.6E-07	8.6E-09	8.6E-09		
Chlorodibromomethane	2.6E-19					3.4E-08	7.8E-08	4.2E-09	4.2E-09		
Chloroethane	5.3E-20					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
Chloroform	4.0E-20					3.6E-04	1.1E-02	3.4E-05	3.4E-05		
Chloromethane	1.4E-19					4.4E-07	1.0E-06	5.5E-08	5.5E-08		
cis-1,2-Dichloroethene	5.4E-20					5.7E-08	1.3E-07	7.1E-09	7.1E-09		
cis-1,3-Dichloropropene						3.5E-10	8.0E-10	4.3E-11	4.3E-11		
Dibromomethane	6.0E-21					2.9E-09	6.7E-09	3.6E-10	3.6E-10		
Dichlorodifluoromethane	6.7E-23					3.6E-09	8.2E-09	4.4E-10	4.4E-10		
Ethylbenzene	2.1E-17					1.4E-03	3.2E-03	3.5E-07	3.5E-07		
Isopropylbenzene	2.8E-20					2.3E-07	5.2E-07	2.8E-08	2.8E-08		
m&p-Xylene	3.4E-18					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Methyl Isobutyl Ketone (4-methyl-2-per	3.4E-20					5.1E-09	1.2E-08	6.4E-10	6.4E-10		
Methylene chloride	3.7E-19					2.6E-07	6.0E-07	3.2E-08	3.2E-08		

Table H-3 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
n-Butylbenzene						1.1E-07	2.6E-07	1.4E-08	1.4E-08		
n-Propylbenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08		
o-Xylene	4.0E-18					3.3E-07	7.6E-07	4.1E-08	4.1E-08		
p-Chlorotoluene						7.9E-09	1.8E-08	9.9E-10	9.9E-10		
p-Isopropyltoluene						5.5E-08	1.3E-07	6.9E-09	6.9E-09		
sec-Butylbenzene						2.0E-08	4.7E-08	2.5E-09	2.5E-09		
Styrene	1.3E-16					7.3E-06	1.7E-05	9.1E-07	9.1E-07		
tert-Butylbenzene						6.5E-07	1.5E-06	8.2E-08	8.2E-08		
Tetrachloroethene	9.4E-21					1.7E-09	4.0E-09	2.2E-10	2.2E-10		
Toluene	2.2E-17					4.5E-06	1.0E-05	5.6E-07	5.6E-07		
trans-1,2-Dichloroethene	8.4E-19					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
trans-1,3-Dichloropropene						6.0E-10	1.4E-09	7.5E-11	7.5E-11		
Trichloroethene	9.7E-23					6.5E-05	6.4E-03	1.3E-11	1.3E-11		
Trichlorofluoromethane	1.5E-22					1.2E-09	2.9E-09	1.6E-10	1.6E-10		
Vinyl chloride	6.9E-21					7.1E-08	1.6E-07	8.8E-09	8.8E-09		

Table H-4 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					5.7E-03	1.4E-06	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19

Table H-4 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
DNT											
2,4-Dinitrotoluene		4.0E-07		4.7E-07						2.3E-11	
2,6-Dinitrotoluene		6.4E-07		7.6E-07						3.7E-11	
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				7.9E-03	2.0E-02					3.9E-07	2.1E-06
Antimony	1.6E-17			3.0E-07	1.4E-06	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.5E-11	1.5E-10
Arsenic	8.1E-16	6.0E-07	2.3E-07	1.4E-06	1.1E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	1.2E-10	2.0E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				1.9E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	9.5E-10	4.0E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				1.7E-02	3.7E-02					8.3E-07	4.0E-06
Lead	6.9E-18			1.0E-04	2.3E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.0E-09	2.5E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16

Table H-4 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				1.5E-08	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	2.9E-08	1.8E-07
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19
Nickel	3.3E-15			4.0E-04	7.1E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.0E-08	7.7E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Thallium (Soluble Salts)				1.1E-07	1.7E-07					5.2E-12	1.8E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	1.6E-07	5.1E-07	1.4E-07	9.3E-07	3.0E-09	6.9E-09	3.7E-10	3.7E-10	2.1E-09	1.3E-08
Benzo(a)pyrene	3.1E-12	2.6E-07	5.6E-07	2.4E-07	1.0E-06	1.2E-09	2.7E-09	1.5E-10	1.5E-10	1.2E-11	1.1E-10
Benzo(b)fluoranthene	8.3E-13	5.7E-07	7.9E-07	5.1E-07	1.4E-06	1.3E-09	3.0E-09	1.6E-10	1.6E-10	2.5E-11	1.5E-10

Table H-4 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	3.6E-08	4.0E-07	3.3E-08	7.2E-07	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.6E-12	7.8E-11
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.3E-07	5.7E-07	2.1E-07	1.0E-06	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.0E-11	1.1E-10
Dibenze(a,h)anthracene	1.6E-13	9.9E-09	1.4E-07	9.0E-09	2.5E-07	1.9E-10	4.3E-10	2.3E-11	2.3E-11	4.4E-13	2.7E-11
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.4E-07	3.6E-07	1.3E-07	6.6E-07	6.2E-10	1.4E-09	7.7E-11	7.7E-11	6.3E-12	7.1E-11
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18

Table H-4 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16
Pesticides											
DDE				5.1E-08	2.2E-07					1.6E-09	1.0E-08
Dieldrin			1.0E-08		2.4E-08						2.5E-12
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						3.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
1,4-Dioxane						7.3E-05					
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18

Table H-4 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						8.2E-04	2.3E-03				
p-Chloroaniline			3.3E-07		7.7E-07						8.4E-11
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					3.4E-05	4.4E-05	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		

Table H-4 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.4E-05	2.7E-04	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	3.4E-04	1.2E-11	1.2E-11		
Bromoform							1.5E-03				
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.5E-04	3.9E-04	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					2.5E-05	7.9E-04	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					9.6E-05	2.2E-04	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		

Table H-4 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					4.6E-06	4.5E-04	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10		

Table H-5 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						1.2E-05	2.8E-05	1.5E-06	1.5E-06		
Aldehydes											
Acetaldehyde	1.3E-15					2.1E-05	4.8E-05	2.6E-06	2.6E-06		
Formaldehyde	6.5E-15					8.2E-02	5.7E-01	1.1E-06	1.1E-06		
Propionaldehyde				3.2E-17	9.0E-17	2.3E-06	5.2E-06	2.8E-07	2.8E-07	2.4E-13	1.5E-12
CO											
Carbon monoxide						6.4E-04	1.5E-03	8.0E-05	8.0E-05		
CO2											
Carbon dioxide						2.0E-05	4.6E-05	2.5E-06	2.5E-06		
Criteria											
Sulfur Dioxide						5.4E-06	1.2E-05	6.8E-07	6.8E-07		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-20	1.1E-17	1.5E-17	4.2E-17	1.2E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	2.1E-18	1.3E-17
1,2,3,4,6,7,8-HpCDF	1.3E-20	1.1E-17	1.5E-17	4.3E-17	1.2E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	2.1E-18	1.3E-17
1,2,3,4,7,8,9-HpCDF	2.1E-21	1.2E-18	1.7E-18	4.9E-18	1.4E-17	1.6E-12	3.6E-12	1.9E-13	1.9E-13	2.4E-19	1.5E-18
1,2,3,4,7,8-HxCDD	1.6E-20	1.2E-18	1.7E-18	4.8E-18	1.3E-17	1.5E-12	3.3E-12	1.8E-13	1.8E-13	2.4E-19	1.5E-18
1,2,3,4,7,8-HxCDF	1.1E-19	9.7E-18	1.4E-17	3.8E-17	1.1E-16	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.9E-18	1.2E-17
1,2,3,6,7,8-HxCDD	3.1E-20	2.5E-18	3.5E-18	9.8E-18	2.7E-17	3.1E-12	7.1E-12	3.8E-13	3.8E-13	4.8E-19	3.0E-18
1,2,3,6,7,8-HxCDF	4.0E-20	3.2E-18	4.4E-18	1.2E-17	3.5E-17	3.8E-12	8.8E-12	4.8E-13	4.8E-13	6.1E-19	3.8E-18
1,2,3,7,8,9-HxCDD	4.3E-20	3.9E-18	5.5E-18	1.5E-17	4.3E-17	4.6E-12	1.1E-11	5.8E-13	5.8E-13	7.6E-19	4.7E-18
1,2,3,7,8,9-HxCDF	3.4E-21	2.3E-19	3.2E-19	8.9E-19	2.5E-18	2.9E-13	6.8E-13	3.7E-14	3.7E-14	4.4E-20	2.7E-19
1,2,3,7,8-PeCDD	9.8E-20	1.4E-18	1.9E-18	5.4E-18	1.5E-17	1.8E-12	4.3E-12	2.3E-13	2.3E-13	2.7E-19	1.6E-18
1,2,3,7,8-PeCDF	1.4E-19	1.6E-18	2.3E-18	6.4E-18	1.8E-17	2.6E-12	6.1E-12	3.3E-13	3.3E-13	3.1E-19	1.9E-18

Table H-5 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.8E-20	5.0E-18	6.9E-18	2.0E-17	5.5E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	9.6E-19	5.9E-18
2,3,4,7,8-PeCDF	2.1E-19	3.9E-18	5.4E-18	1.5E-17	4.3E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	7.5E-19	4.6E-18
2,3,7,8-TCDD	3.4E-20	2.8E-19	4.0E-19	1.1E-18	3.1E-18	7.4E-13	1.7E-12	9.3E-14	9.3E-14	3.8E-17	2.3E-16
2,3,7,8-TCDF	1.1E-19	5.1E-19	7.2E-19	2.0E-18	5.7E-18	2.7E-12	6.3E-12	3.4E-13	3.4E-13	9.9E-20	6.1E-19
OCDD	1.7E-22	7.3E-18	1.0E-17	2.9E-17	8.0E-17	8.0E-12	1.9E-11	1.0E-12	1.0E-12	1.4E-18	8.6E-18
OCDF	6.5E-23	2.8E-18	3.9E-18	1.1E-17	3.1E-17	3.0E-12	7.0E-12	3.8E-13	3.8E-13	5.4E-19	3.3E-18
DNT											
2,4-Dinitrotoluene		5.7E-09		6.8E-09						3.3E-10	
2,6-Dinitrotoluene		9.1E-09		1.1E-08						5.3E-10	
HCN											
Hydrogen cyanide						2.3E-06	5.2E-06	2.8E-07	2.8E-07		
Metals											
Aluminum				1.1E-04	3.4E-04					5.5E-06	3.7E-05
Antimony	2.2E-19			4.3E-09	6.8E-09	1.5E-07	3.4E-07	1.9E-08	1.9E-08	2.1E-10	7.4E-10
Arsenic	1.2E-17	8.5E-09	6.5E-09	2.0E-08	3.1E-08	8.5E-09	2.0E-08	1.1E-09	1.1E-09	1.6E-09	5.5E-09
Barium	2.6E-14			2.5E-11	7.1E-11	1.8E-06	4.2E-06	2.2E-07	2.2E-07	1.2E-12	7.7E-12
Beryllium	4.7E-19			1.5E-17	4.2E-17	6.1E-10	1.4E-09	7.7E-11	7.7E-11	7.3E-19	4.5E-18
Cadmium	1.2E-16			1.2E-17	3.3E-17	1.1E-08	2.5E-08	1.4E-09	1.4E-09	5.7E-19	3.5E-18
Chromium	3.1E-17			7.6E-13	2.1E-12	9.2E-08	2.1E-07	1.2E-08	1.2E-08	3.7E-14	2.3E-13
Cobalt				2.8E-07	5.3E-07	1.4E-07	3.2E-07	1.8E-08	1.8E-08	1.4E-08	5.7E-08
Copper				2.8E-12	7.8E-12	2.5E-07	5.9E-07	3.2E-08	3.2E-08	1.4E-13	8.4E-13
Iron				2.4E-04	5.7E-04					1.2E-05	6.1E-05
Lead	9.9E-20			1.5E-06	7.5E-07	8.5E-08	2.0E-07	1.1E-08	1.1E-08	7.2E-08	8.1E-08
Manganese				1.1E-14	3.2E-14	7.8E-08	1.8E-07	9.7E-09	9.7E-09	5.6E-16	3.4E-15

Table H-5 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				2.4E-16	6.9E-16	3.4E-10	7.8E-10	4.2E-11	4.2E-11	1.2E-17	7.4E-17
Mercury, elemental				2.1E-10	3.9E-10	1.4E-12	3.2E-12	1.8E-13	1.8E-13	4.1E-07	2.5E-06
Methyl Mercury	9.3E-17			1.5E-17	4.1E-17					7.1E-19	4.4E-18
Nickel	4.7E-17			5.7E-06	1.1E-05	5.0E-08	1.1E-07	6.2E-09	6.2E-09	2.8E-07	1.2E-06
Phosphorus				1.1E-16	3.0E-16	3.8E-07	8.7E-07	4.7E-08	4.7E-08	1.0E-12	6.4E-12
Selenium	3.9E-18			5.8E-19	1.6E-18	2.5E-09	5.8E-09	3.1E-10	3.1E-10	2.8E-20	1.7E-19
Silver	2.7E-18			9.3E-15	2.6E-14	1.6E-09	3.8E-09	2.0E-10	2.0E-10	4.5E-16	2.8E-15
Thallium (Soluble Salts)				1.5E-09	2.1E-09					7.5E-11	2.2E-10
Titanium				1.1E-16	3.2E-16	8.7E-10	2.0E-09	1.1E-10	1.1E-10	5.6E-18	3.5E-17
Zinc	5.8E-14			2.6E-15	7.4E-15	2.0E-06	4.5E-06	2.4E-07	2.4E-07	1.3E-16	8.0E-16
NOx											
NOx (Oxides of Nitrogen)						2.2E-05	5.2E-05	2.8E-06	2.8E-06		
PAHs											
1-Methylnaphthalene		3.4E-18	4.8E-18	3.1E-18	8.7E-18	4.7E-07	1.1E-06	5.9E-08	5.9E-08	3.5E-15	2.2E-14
1-Methylphenanthrene				2.1E-15	5.8E-15	5.6E-08	1.3E-07	7.0E-09	7.0E-09	1.0E-16	6.2E-16
2,3,5-Trimethylnaphthalene				9.7E-16	2.7E-15	2.8E-08	6.4E-08	3.5E-09	3.5E-09	4.7E-17	2.9E-16
2,6-Dimethylnaphthalene				2.6E-15	7.4E-15	7.4E-08	1.7E-07	9.2E-09	9.2E-09	1.3E-16	8.0E-16
2-Methylnaphthalene		3.3E-18	4.6E-18	3.0E-18	8.4E-18	4.6E-07	1.1E-06	5.7E-08	5.7E-08	3.4E-15	2.1E-14
Acenaphthylene				8.5E-15	2.4E-14	2.7E-07	6.2E-07	3.4E-08	3.4E-08	4.2E-16	2.6E-15
Acenaphthene	4.8E-17					4.9E-08	1.1E-07	6.2E-09	6.2E-09		
Anthracene	6.1E-16					8.7E-08	2.0E-07	1.1E-08	1.1E-08		
Benzo(a)anthracene	8.8E-14	2.2E-09	3.3E-14	2.0E-09	6.0E-14	4.3E-08	9.9E-08	5.3E-09	5.3E-09	3.1E-08	1.9E-07
Benzo(a)pyrene	4.4E-14	3.8E-09	1.5E-14	3.4E-09	2.8E-14	1.7E-08	3.9E-08	2.1E-09	2.1E-09	1.7E-10	3.0E-15
Benzo(b)fluoranthene	1.2E-14	8.1E-09	8.8E-16	7.3E-09	1.6E-15	1.9E-08	4.3E-08	2.3E-09	2.3E-09	3.6E-10	1.7E-16

Table H-5 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				4.9E-16	1.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	2.4E-17	1.5E-16
Benzo(g,h,i)perylene				3.6E-16	1.0E-15	1.1E-08	2.5E-08	1.4E-09	1.4E-09	1.8E-17	1.1E-16
Benzo(k)fluoranthene	8.8E-17	5.2E-10	9.0E-16	4.7E-10	1.6E-15	1.7E-10	3.8E-10	2.1E-11	2.1E-11	2.3E-11	1.8E-16
Biphenyl				4.8E-17	1.3E-16	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.8E-14	1.7E-13
Chrysene	1.5E-14	3.2E-09	4.1E-14	2.9E-09	7.5E-14	7.3E-08	1.7E-07	9.1E-09	9.1E-09	1.4E-10	8.1E-15
Dibenze(a,h)anthracene	2.1E-15	1.4E-10	5.3E-15	1.3E-10	9.6E-15	2.7E-09	6.1E-09	3.3E-10	3.3E-10	6.3E-12	1.0E-15
Fluoranthene	4.0E-15	8.6E-16	1.2E-15	7.8E-16	2.2E-15	1.1E-07	2.5E-07	1.3E-08	1.3E-08	3.8E-17	2.4E-16
Fluorene	8.7E-16					2.7E-07	6.2E-07	3.3E-08	3.3E-08		
Indeno(1,2,3-cd)pyrene	5.4E-15	2.0E-09	1.5E-14	1.8E-09	2.7E-14	8.8E-09	2.0E-08	1.1E-09	1.1E-09	9.0E-11	3.0E-15
Napthalene	4.0E-16					2.1E-06	4.9E-06	2.7E-07	2.7E-07		
Perylene				1.9E-16	5.3E-16	6.6E-09	1.5E-08	8.2E-10	8.2E-10	9.2E-18	5.7E-17
Phenanthrene	4.2E-15					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
Pyrene	2.9E-15	2.4E-15	3.3E-15	2.2E-15	6.0E-15	1.0E-07	2.4E-07	1.3E-08	1.3E-08	6.0E-14	3.7E-13
Particulate											
Particulate Total Suspended Particulate				4.3E-11	1.2E-10	3.3E-04	7.7E-04	4.2E-05	4.2E-05	2.1E-12	1.3E-11
PM<10				5.5E-11	1.5E-10	4.4E-04	1.0E-03	5.5E-05	5.5E-05	2.7E-12	1.6E-11
PM<2.5				4.5E-11	1.3E-10	3.8E-04	8.7E-04	4.7E-05	4.7E-05	2.2E-12	1.4E-11
PCBs											
Dichlorobiphenyl	8.7E-17	5.1E-18	7.1E-18	4.3E-18	1.2E-17	1.3E-09	3.1E-09	1.7E-10	1.7E-10	4.0E-16	2.5E-15
Heptachlorobiphenyl	3.3E-18	5.8E-19	8.1E-19	4.9E-19	1.4E-18	1.8E-11	4.2E-11	2.3E-12	2.3E-12	2.5E-17	1.5E-16
Hexachlorobiphenyl	1.3E-17	2.6E-18	3.6E-18	2.2E-18	6.2E-18	7.6E-11	1.8E-10	9.5E-12	9.5E-12	1.1E-16	6.9E-16
Monochlorobiphenyl	6.1E-16	3.5E-17	4.9E-17	3.0E-17	8.3E-17	9.2E-09	2.1E-08	1.2E-09	1.2E-09	2.8E-15	1.7E-14
Nonachlorobiphenyl	4.1E-19	1.0E-19	1.4E-19	8.6E-20	2.4E-19	2.6E-12	5.9E-12	3.2E-13	3.2E-13	4.4E-18	2.7E-17
Octachlorobiphenyl	9.7E-19	1.9E-19	2.6E-19	1.6E-19	4.4E-19	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.1E-18	5.0E-17

Table H-5 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	4.4E-17	9.4E-18	1.3E-17	7.9E-18	2.2E-17	2.6E-10	6.0E-10	3.3E-11	3.3E-11	4.0E-16	2.5E-15
Tetrachlorobiphenyl	2.6E-17	1.9E-18	2.7E-18	1.6E-18	4.6E-18	4.3E-10	9.9E-10	5.4E-11	5.4E-11	1.5E-16	9.4E-16
Trichlorobiphenyl	3.4E-17	2.3E-18	3.2E-18	2.0E-18	5.5E-18	5.5E-10	1.3E-09	6.8E-11	6.8E-11	1.8E-16	1.1E-15
Pesticides											
DDE				7.3E-10	1.1E-09					2.3E-08	1.4E-07
SVOCs											
1,2,4-trichlorobenzene						3.9E-09	8.9E-09	4.8E-10	4.8E-10		
1,2-dichlorobenzene	3.9E-20					1.6E-09	3.6E-09	1.9E-10	1.9E-10		
1,3-Butadiene						4.6E-04					
1,3-dichlorobenzene	9.9E-20					2.3E-09	5.4E-09	2.9E-10	2.9E-10		
1,4-dichlorobenzene	1.3E-18					2.2E-08	5.0E-08	2.7E-09	2.7E-09		
1,4-Dioxane						1.0E-03					
2,4-Dimethylphenol	3.6E-17					3.4E-07	7.8E-07	4.2E-08	4.2E-08		
2-Chlorophenol	1.8E-18					6.8E-08	1.6E-07	8.5E-09	8.5E-09		
2-Methylphenol	7.5E-16					8.0E-07	1.8E-06	9.9E-08	9.9E-08		
2-Nitrophenol	4.6E-18					1.1E-07	2.5E-07	1.3E-08	1.3E-08		
3-Methylphenol & 4-Methylphenol				5.3E-14	1.5E-13	1.4E-06	3.3E-06	1.8E-07	1.8E-07	2.6E-15	1.6E-14
4-Nitrophenol	9.3E-18					1.8E-07	4.1E-07	2.2E-08	2.2E-08		
Acetophenone	5.6E-17					1.7E-06	3.9E-06	2.1E-07	2.1E-07		
Benzoic acid	2.3E-16					7.7E-06	1.8E-05	9.6E-07	9.6E-07		
Benzyl alcohol	1.4E-19					6.4E-08	1.5E-07	8.0E-09	8.0E-09		
bis(2-Ethylhexyl) phthalate	7.0E-15	9.6E-14	1.3E-13	1.1E-13	3.2E-13	2.7E-06	6.3E-06	3.4E-07	3.4E-07	5.5E-15	3.4E-14
Butyl benzyl phthalate	2.5E-15	4.6E-17	6.5E-17	5.5E-17	1.5E-16	8.5E-08	2.0E-07	1.1E-08	1.1E-08	2.7E-18	1.7E-17
Carbazole				2.0E-16	5.6E-16	2.4E-09	5.5E-09	3.0E-10	3.0E-10	9.8E-18	6.0E-17

Table H-5 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Dibenzofuran		2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.4E-07	3.1E-07	1.7E-08	1.7E-08	3.5E-15	2.1E-14
Dimethyl phthalate	9.2E-19					4.8E-09	1.1E-08	5.9E-10	5.9E-10		
Di-n-butyl phthalate	2.4E-14	4.6E-17	6.5E-17	5.5E-17	1.5E-16	1.3E-07	3.0E-07	1.6E-08	1.6E-08	2.7E-18	1.7E-17
Di-n-octyl phthalate	1.8E-19	1.3E-16	1.9E-16	1.6E-16	4.4E-16	9.2E-09	2.1E-08	1.1E-09	1.1E-09	7.8E-18	4.8E-17
Hexachlorobutadiene	9.6E-17					6.3E-07	1.5E-06	7.9E-08	7.9E-08		
Isopropanol						1.2E-02					
Phenol	2.1E-15					4.3E-06	9.9E-06	5.4E-07	5.4E-07		
Pyridine	1.1E-16					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
TRS											
Total Reduced Sulfur						4.2E-06	9.6E-06	5.2E-07	5.2E-07		
VOCs											
1,1,1,2-Tetrachloroethane	3.8E-20					1.9E-09	4.5E-09	2.4E-10	2.4E-10		
1,1,1-Trichloroethane	2.5E-21					1.9E-09	4.4E-09	2.4E-10	2.4E-10		
1,1-Dichloroethene	8.5E-23					3.7E-10	8.6E-10	4.6E-11	4.6E-11		
1,2,3-Trichlorobenzene	2.7E-18					7.6E-09	1.8E-08	9.5E-10	9.5E-10		
1,2,3-Trichloropropane	1.5E-20					1.5E-09	3.6E-09	1.9E-10	1.9E-10		
1,2,4-Trimethylbenzene						8.9E-08	2.1E-07	1.1E-08	1.1E-08		
1,2-Dibromoethane	5.3E-21					9.9E-10	2.3E-09	1.2E-10	1.2E-10		
1,2-Dichloroethane	1.7E-19					4.9E-04	9.1E-08	1.4E-05	1.4E-05		
1,3,5-Trimethylbenzene	8.6E-19					8.4E-08	1.9E-07	1.0E-08	1.0E-08		
1,3-Dichloropropane						9.6E-10	2.2E-09	1.2E-10	1.2E-10		
2-Butanone	3.5E-17					4.7E-07	1.1E-06	5.9E-08	5.9E-08		
2-Chlorotoluene						2.1E-08	4.9E-08	2.6E-09	2.6E-09		
2-Hexanone						9.7E-08	2.2E-07	1.2E-08	1.2E-08		

Table H-5 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Va pors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Benzene	2.8E-17					1.2E-03	2.9E-05	1.4E-04	1.4E-04		
Bromobenzene						5.3E-07	1.2E-06	6.6E-08	6.6E-08		
Bromochloromethane						1.3E-09	2.9E-09	1.6E-10	1.6E-10		
Bromodichloromethane	4.5E-21					1.4E-09	3.1E-09	1.7E-10	1.7E-10		
Bromomethane	1.9E-20					5.4E-08	1.3E-07	6.8E-09	6.8E-09		
Carbon disulfide	1.8E-20					4.8E-08	1.1E-07	6.0E-09	6.0E-09		
Carbon tetrachloride	1.9E-21					2.1E-03	7.2E-09	2.2E-04	2.2E-04		
Chlorobenzene	6.7E-19					6.9E-08	1.6E-07	8.6E-09	8.6E-09		
Chlorodibromomethane	2.6E-19					3.4E-08	7.8E-08	4.2E-09	4.2E-09		
Chloroethane	5.3E-20					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
Chloroform	4.0E-20					3.6E-04	6.5E-08	3.4E-05	3.4E-05		
Chloromethane	1.4E-19					4.4E-07	1.0E-06	5.5E-08	5.5E-08		
cis-1,2-Dichloroethene	5.4E-20					5.7E-08	1.3E-07	7.1E-09	7.1E-09		
cis-1,3-Dichloropropene						3.5E-10	8.0E-10	4.3E-11	4.3E-11		
Dibromomethane	6.0E-21					2.9E-09	6.7E-09	3.6E-10	3.6E-10		
Dichlorodifluoromethane	6.7E-23					3.6E-09	8.2E-09	4.4E-10	4.4E-10		
Ethylbenzene	2.1E-17					1.4E-03	6.5E-06	3.5E-07	3.5E-07		
Isopropylbenzene	2.8E-20					2.3E-07	5.2E-07	2.8E-08	2.8E-08		
m&p-Xylene	3.4E-18					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Methyl Isobutyl Ketone (4-methyl-2-per	3.4E-20					5.1E-09	1.2E-08	6.4E-10	6.4E-10		
Methylene chloride	3.7E-19					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
n-Butylbenzene						1.1E-07	2.6E-07	1.4E-08	1.4E-08		
n-Propylbenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08		
o-Xylene	4.0E-18					3.3E-07	7.6E-07	4.1E-08	4.1E-08		

Table H-5 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
p-Chlorotoluene						7.9E-09	1.8E-08	9.9E-10	9.9E-10		
p-Isopropyltoluene						5.5E-08	1.3E-07	6.9E-09	6.9E-09		
sec-Butylbenzene						2.0E-08	4.7E-08	2.5E-09	2.5E-09		
Styrene	1.3E-16					7.3E-06	1.7E-05	9.1E-07	9.1E-07		
tert-Butylbenzene						6.5E-07	1.5E-06	8.2E-08	8.2E-08		
Tetrachloroethene	9.4E-21					1.7E-09	4.0E-09	2.2E-10	2.2E-10		
Toluene	2.2E-17					4.5E-06	1.0E-05	5.6E-07	5.6E-07		
trans-1,2-Dichloroethene	8.4E-19					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
trans-1,3-Dichloropropene						6.0E-10	1.4E-09	7.5E-11	7.5E-11		
Trichloroethene	9.7E-23					6.5E-05	2.4E-10	1.3E-11	1.3E-11		
Trichlorofluoromethane	1.5E-22					1.2E-09	2.9E-09	1.6E-10	1.6E-10		
Vinyl chloride	6.9E-21					7.1E-08	1.6E-07	8.8E-09	8.8E-09		

Table H-6 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					5.7E-03	4.0E-02	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19

Table H-6 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
DNT											
2,4-Dinitrotoluene		4.0E-07		4.7E-07						2.3E-11	
2,6-Dinitrotoluene		6.4E-07		7.6E-07						3.7E-11	
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				7.9E-03	2.4E-02					3.9E-07	2.6E-06
Antimony	1.6E-17			3.0E-07	4.8E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.5E-11	5.2E-11
Arsenic	8.1E-16	6.0E-07	4.6E-07	1.4E-06	2.2E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	1.2E-10	3.9E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				1.9E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	9.5E-10	4.0E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				1.7E-02	4.0E-02					8.3E-07	4.3E-06
Lead	6.9E-18			1.0E-04	5.3E-05	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.0E-09	5.7E-09
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16

Table H-6 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				1.5E-08	2.7E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	2.9E-08	1.8E-07
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19
Nickel	3.3E-15			4.0E-04	7.9E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.0E-08	8.5E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Thallium (Soluble Salts)				1.1E-07	1.4E-07					5.2E-12	1.6E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	1.6E-07	2.8E-12	1.4E-07	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	2.1E-09	1.3E-08
Benzo(a)pyrene	3.1E-12	2.6E-07	1.2E-12	2.4E-07	2.3E-12	1.2E-09	2.7E-09	1.5E-10	1.5E-10	1.2E-11	2.4E-16
Benzo(b)fluoranthene	8.3E-13	5.7E-07	7.3E-14	5.1E-07	1.3E-13	1.3E-09	3.0E-09	1.6E-10	1.6E-10	2.5E-11	1.4E-17

Table H-6 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	3.6E-08	9.7E-14	3.3E-08	1.8E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.6E-12	1.9E-17
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.3E-07	3.8E-12	2.1E-07	6.9E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.0E-11	7.4E-16
Dibenzo(a,h)anthracene	1.6E-13	9.9E-09	4.7E-13	9.0E-09	8.6E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	4.4E-13	9.3E-17
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.4E-07	1.3E-12	1.3E-07	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	6.3E-12	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18

Table H-6 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16
Pesticides											
DDE				5.1E-08	7.8E-08					1.6E-09	1.0E-08
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						3.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
1,4-Dioxane						7.3E-05					
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18

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ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						8.2E-04					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					3.4E-05	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		

Table H-6 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzene	2.0E-15					8.4E-05	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.5E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					2.5E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					9.6E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		

Table H-6 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					4.6E-06	1.7E-11	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10		

Table H-7 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						1.2E-05	2.8E-05	1.5E-06	1.5E-06		
Aldehydes											
Acetaldehyde	1.3E-15					2.1E-05	4.8E-05	2.6E-06	2.6E-06		
Formaldehyde	6.5E-15					8.2E-02	3.8E-01	1.1E-06	1.1E-06		
Propionaldehyde				3.2E-17	9.0E-17	2.3E-06	5.2E-06	2.8E-07	2.8E-07	2.4E-13	1.5E-12
CO											
Carbon monoxide						6.4E-04	1.5E-03	8.0E-05	8.0E-05		
CO2											
Carbon dioxide						2.0E-05	4.6E-05	2.5E-06	2.5E-06		
Criteria											
Sulfur Dioxide						5.4E-06	1.2E-05	6.8E-07	6.8E-07		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-20	1.1E-17	1.5E-17	4.2E-17	1.2E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	2.1E-18	1.3E-17
1,2,3,4,6,7,8-HpCDF	1.3E-20	1.1E-17	1.5E-17	4.3E-17	1.2E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	2.1E-18	1.3E-17
1,2,3,4,7,8,9-HpCDF	2.1E-21	1.2E-18	1.7E-18	4.9E-18	1.4E-17	1.6E-12	3.6E-12	1.9E-13	1.9E-13	2.4E-19	1.5E-18
1,2,3,4,7,8-HxCDD	1.6E-20	1.2E-18	1.7E-18	4.8E-18	1.3E-17	1.5E-12	3.3E-12	1.8E-13	1.8E-13	2.4E-19	1.5E-18
1,2,3,4,7,8-HxCDF	1.1E-19	9.7E-18	1.4E-17	3.8E-17	1.1E-16	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.9E-18	1.2E-17
1,2,3,6,7,8-HxCDD	3.1E-20	2.5E-18	3.5E-18	9.8E-18	2.7E-17	3.1E-12	7.1E-12	3.8E-13	3.8E-13	4.8E-19	3.0E-18
1,2,3,6,7,8-HxCDF	4.0E-20	3.2E-18	4.4E-18	1.2E-17	3.5E-17	3.8E-12	8.8E-12	4.8E-13	4.8E-13	6.1E-19	3.8E-18
1,2,3,7,8,9-HxCDD	4.3E-20	3.9E-18	5.5E-18	1.5E-17	4.3E-17	4.6E-12	1.1E-11	5.8E-13	5.8E-13	7.6E-19	4.7E-18
1,2,3,7,8,9-HxCDF	3.4E-21	2.3E-19	3.2E-19	8.9E-19	2.5E-18	2.9E-13	6.8E-13	3.7E-14	3.7E-14	4.4E-20	2.7E-19
1,2,3,7,8-PeCDD	9.8E-20	1.4E-18	1.9E-18	5.4E-18	1.5E-17	1.8E-12	4.3E-12	2.3E-13	2.3E-13	2.7E-19	1.6E-18
1,2,3,7,8-PeCDF	1.4E-19	1.6E-18	2.3E-18	6.4E-18	1.8E-17	2.6E-12	6.1E-12	3.3E-13	3.3E-13	3.1E-19	1.9E-18

Table H-7 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.8E-20	5.0E-18	6.9E-18	2.0E-17	5.5E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	9.6E-19	5.9E-18
2,3,4,7,8-PeCDF	2.1E-19	3.9E-18	5.4E-18	1.5E-17	4.3E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	7.5E-19	4.6E-18
2,3,7,8-TCDD	3.4E-20	2.8E-19	4.0E-19	1.1E-18	3.1E-18	7.4E-13	1.7E-12	9.3E-14	9.3E-14	3.8E-17	2.3E-16
2,3,7,8-TCDF	1.1E-19	5.1E-19	7.2E-19	2.0E-18	5.7E-18	2.7E-12	6.3E-12	3.4E-13	3.4E-13	9.9E-20	6.1E-19
OCDD	1.7E-22	7.3E-18	1.0E-17	2.9E-17	8.0E-17	8.0E-12	1.9E-11	1.0E-12	1.0E-12	1.4E-18	8.6E-18
OCDF	6.5E-23	2.8E-18	3.9E-18	1.1E-17	3.1E-17	3.0E-12	7.0E-12	3.8E-13	3.8E-13	5.4E-19	3.3E-18
DNT											
2,4-Dinitrotoluene		5.7E-09		6.8E-09						3.3E-10	
2,6-Dinitrotoluene		9.1E-09		1.1E-08						5.3E-10	
HCN											
Hydrogen cyanide						2.3E-06	5.2E-06	2.8E-07	2.8E-07		
Metals											
Aluminum				1.1E-04	2.7E-04					5.5E-06	3.0E-05
Antimony	2.2E-19			4.3E-09	2.4E-09	1.5E-07	3.4E-07	1.9E-08	1.9E-08	2.1E-10	2.6E-10
Arsenic	1.2E-17	8.5E-09	2.6E-09	2.0E-08	1.2E-08	8.5E-09	2.0E-08	1.1E-09	1.1E-09	1.6E-09	2.2E-09
Barium	2.6E-14			2.5E-11	7.1E-11	1.8E-06	4.2E-06	2.2E-07	2.2E-07	1.2E-12	7.7E-12
Beryllium	4.7E-19			1.5E-17	4.2E-17	6.1E-10	1.4E-09	7.7E-11	7.7E-11	7.3E-19	4.5E-18
Cadmium	1.2E-16			1.2E-17	3.3E-17	1.1E-08	2.5E-08	1.4E-09	1.4E-09	5.7E-19	3.5E-18
Chromium	3.1E-17			7.6E-13	2.1E-12	9.2E-08	2.1E-07	1.2E-08	1.2E-08	3.7E-14	2.3E-13
Cobalt				2.8E-07	9.1E-07	1.4E-07	3.2E-07	1.8E-08	1.8E-08	1.4E-08	9.8E-08
Copper				2.8E-12	7.8E-12	2.5E-07	5.9E-07	3.2E-08	3.2E-08	1.4E-13	8.4E-13
Iron				2.4E-04	6.2E-04					1.2E-05	6.6E-05
Lead	9.9E-20			1.5E-06	2.1E-06	8.5E-08	2.0E-07	1.1E-08	1.1E-08	7.2E-08	2.2E-07
Manganese				1.1E-14	3.2E-14	7.8E-08	1.8E-07	9.7E-09	9.7E-09	5.6E-16	3.4E-15

Table H-7 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				2.4E-16	6.9E-16	3.4E-10	7.8E-10	4.2E-11	4.2E-11	1.2E-17	7.4E-17
Mercury, elemental				2.1E-10	6.3E-10	1.4E-12	3.2E-12	1.8E-13	1.8E-13	4.1E-07	2.5E-06
Methyl Mercury	9.3E-17			1.5E-17	4.1E-17					7.1E-19	4.4E-18
Nickel	4.7E-17			5.7E-06	1.9E-05	5.0E-08	1.1E-07	6.2E-09	6.2E-09	2.8E-07	2.0E-06
Phosphorus				1.1E-16	3.0E-16	3.8E-07	8.7E-07	4.7E-08	4.7E-08	1.0E-12	6.4E-12
Selenium	3.9E-18			5.8E-19	1.6E-18	2.5E-09	5.8E-09	3.1E-10	3.1E-10	2.8E-20	1.7E-19
Silver	2.7E-18			9.3E-15	2.6E-14	1.6E-09	3.8E-09	2.0E-10	2.0E-10	4.5E-16	2.8E-15
Thallium (Soluble Salts)				1.5E-09						7.5E-11	
Titanium				1.1E-16	3.2E-16	8.7E-10	2.0E-09	1.1E-10	1.1E-10	5.6E-18	3.5E-17
Zinc	5.8E-14			2.6E-15	7.4E-15	2.0E-06	4.5E-06	2.4E-07	2.4E-07	1.3E-16	8.0E-16
NOx											
NOx (Oxides of Nitrogen)						2.2E-05	5.2E-05	2.8E-06	2.8E-06		
PAHs											
1-Methylnaphthalene		3.4E-18	4.8E-18	3.1E-18	8.7E-18	4.7E-07	1.1E-06	5.9E-08	5.9E-08	3.5E-15	2.2E-14
1-Methylphenanthrene				2.1E-15	5.8E-15	5.6E-08	1.3E-07	7.0E-09	7.0E-09	1.0E-16	6.2E-16
2,3,5-Trimethylnaphthalene				9.7E-16	2.7E-15	2.8E-08	6.4E-08	3.5E-09	3.5E-09	4.7E-17	2.9E-16
2,6-Dimethylnaphthalene				2.6E-15	7.4E-15	7.4E-08	1.7E-07	9.2E-09	9.2E-09	1.3E-16	8.0E-16
2-Methylnaphthalene		3.3E-18	4.6E-18	3.0E-18	8.4E-18	4.6E-07	1.1E-06	5.7E-08	5.7E-08	3.4E-15	2.1E-14
Acenaphthylene				8.5E-15	2.4E-14	2.7E-07	6.2E-07	3.4E-08	3.4E-08	4.2E-16	2.6E-15
Acenaphthene	4.8E-17					4.9E-08	1.1E-07	6.2E-09	6.2E-09		
Anthracene	6.1E-16					8.7E-08	2.0E-07	1.1E-08	1.1E-08		
Benzo(a)anthracene	8.8E-14	2.2E-09	3.3E-14	2.0E-09	6.0E-14	4.3E-08	9.9E-08	5.3E-09	5.3E-09	3.1E-08	1.9E-07
Benzo(a)pyrene	4.4E-14	3.8E-09	1.9E-09	3.4E-09	3.4E-09	1.7E-08	3.9E-08	2.1E-09	2.1E-09	1.7E-10	3.7E-10
Benzo(b)fluoranthene	1.2E-14	8.1E-09	1.7E-09	7.3E-09	3.1E-09	1.9E-08	4.3E-08	2.3E-09	2.3E-09	3.6E-10	3.3E-10

Table H-7 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				4.9E-16	1.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	2.4E-17	1.5E-16
Benzo(g,h,i)perylene				3.6E-16	1.0E-15	1.1E-08	2.5E-08	1.4E-09	1.4E-09	1.8E-17	1.1E-16
Benzo(k)fluoranthene	8.8E-17	5.2E-10	9.0E-16	4.7E-10	1.6E-15	1.7E-10	3.8E-10	2.1E-11	2.1E-11	2.3E-11	1.8E-16
Biphenyl				4.8E-17	1.3E-16	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.8E-14	1.7E-13
Chrysene	1.5E-14	3.2E-09	4.1E-14	2.9E-09	7.5E-14	7.3E-08	1.7E-07	9.1E-09	9.1E-09	1.4E-10	8.1E-15
Dibenzo(a,h)anthracene	2.1E-15	1.4E-10	5.3E-15	1.3E-10	9.6E-15	2.7E-09	6.1E-09	3.3E-10	3.3E-10	6.3E-12	1.0E-15
Fluoranthene	4.0E-15	8.6E-16	1.2E-15	7.8E-16	2.2E-15	1.1E-07	2.5E-07	1.3E-08	1.3E-08	3.8E-17	2.4E-16
Fluorene	8.7E-16					2.7E-07	6.2E-07	3.3E-08	3.3E-08		
Indeno(1,2,3-cd)pyrene	5.4E-15	2.0E-09	1.5E-14	1.8E-09	2.7E-14	8.8E-09	2.0E-08	1.1E-09	1.1E-09	9.0E-11	3.0E-15
Napthalene	4.0E-16					2.1E-06	4.9E-06	2.7E-07	2.7E-07		
Perylene				1.9E-16	5.3E-16	6.6E-09	1.5E-08	8.2E-10	8.2E-10	9.2E-18	5.7E-17
Phenanthrene	4.2E-15					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
Pyrene	2.9E-15	2.4E-15	3.3E-15	2.2E-15	6.0E-15	1.0E-07	2.4E-07	1.3E-08	1.3E-08	6.0E-14	3.7E-13
Particulate											
Particulate Total Suspended Particulate				4.3E-11	1.2E-10	3.3E-04	7.7E-04	4.2E-05	4.2E-05	2.1E-12	1.3E-11
PM<10				5.5E-11	1.5E-10	4.4E-04	1.0E-03	5.5E-05	5.5E-05	2.7E-12	1.6E-11
PM<2.5				4.5E-11	1.3E-10	3.8E-04	8.7E-04	4.7E-05	4.7E-05	2.2E-12	1.4E-11
PCBs											
Dichlorobiphenyl	8.7E-17	5.1E-18	7.1E-18	4.3E-18	1.2E-17	1.3E-09	3.1E-09	1.7E-10	1.7E-10	4.0E-16	2.5E-15
Heptachlorobiphenyl	3.3E-18	5.8E-19	8.1E-19	4.9E-19	1.4E-18	1.8E-11	4.2E-11	2.3E-12	2.3E-12	2.5E-17	1.5E-16
Hexachlorobiphenyl	1.3E-17	2.6E-18	3.6E-18	2.2E-18	6.2E-18	7.6E-11	1.8E-10	9.5E-12	9.5E-12	1.1E-16	6.9E-16
Monochlorobiphenyl	6.1E-16	3.5E-17	4.9E-17	3.0E-17	8.3E-17	9.2E-09	2.1E-08	1.2E-09	1.2E-09	2.8E-15	1.7E-14
Nonachlorobiphenyl	4.1E-19	1.0E-19	1.4E-19	8.6E-20	2.4E-19	2.6E-12	5.9E-12	3.2E-13	3.2E-13	4.4E-18	2.7E-17
Octachlorobiphenyl	9.7E-19	1.9E-19	2.6E-19	1.6E-19	4.4E-19	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.1E-18	5.0E-17

Table H-7 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	4.4E-17	9.4E-18	1.3E-17	7.9E-18	2.2E-17	2.6E-10	6.0E-10	3.3E-11	3.3E-11	4.0E-16	2.5E-15
Tetrachlorobiphenyl	2.6E-17	1.9E-18	2.7E-18	1.6E-18	4.6E-18	4.3E-10	9.9E-10	5.4E-11	5.4E-11	1.5E-16	9.4E-16
Trichlorobiphenyl	3.4E-17	2.3E-18	3.2E-18	2.0E-18	5.5E-18	5.5E-10	1.3E-09	6.8E-11	6.8E-11	1.8E-16	1.1E-15
Pesticides											
DDE				7.3E-10	3.9E-09					2.3E-08	1.4E-07
SVOCs											
1,2,4-trichlorobenzene						3.9E-09	8.9E-09	4.8E-10	4.8E-10		
1,2-dichlorobenzene	3.9E-20					1.6E-09	3.6E-09	1.9E-10	1.9E-10		
1,3-Butadiene						4.6E-04					
1,3-dichlorobenzene	9.9E-20					2.3E-09	5.4E-09	2.9E-10	2.9E-10		
1,4-dichlorobenzene	1.3E-18					2.2E-08	5.0E-08	2.7E-09	2.7E-09		
1,4-Dioxane						1.0E-03					
2,4-Dimethylphenol	3.6E-17					3.4E-07	7.8E-07	4.2E-08	4.2E-08		
2-Chlorophenol	1.8E-18					6.8E-08	1.6E-07	8.5E-09	8.5E-09		
2-Methylphenol	7.5E-16					8.0E-07	1.8E-06	9.9E-08	9.9E-08		
2-Nitrophenol	4.6E-18					1.1E-07	2.5E-07	1.3E-08	1.3E-08		
3-Methylphenol & 4-Methylphenol				5.3E-14	1.5E-13	1.4E-06	3.3E-06	1.8E-07	1.8E-07	2.6E-15	1.6E-14
4-Nitrophenol	9.3E-18					1.8E-07	4.1E-07	2.2E-08	2.2E-08		
Acetophenone	5.6E-17					1.7E-06	3.9E-06	2.1E-07	2.1E-07		
Benzoic acid	2.3E-16					7.7E-06	1.8E-05	9.6E-07	9.6E-07		
Benzyl alcohol	1.4E-19					6.4E-08	1.5E-07	8.0E-09	8.0E-09		
bis(2-Ethylhexyl) phthalate	7.0E-15	9.6E-14	1.3E-13	1.1E-13	3.2E-13	2.7E-06	6.3E-06	3.4E-07	3.4E-07	5.5E-15	3.4E-14
Butyl benzyl phthalate	2.5E-15	4.6E-17	6.5E-17	5.5E-17	1.5E-16	8.5E-08	2.0E-07	1.1E-08	1.1E-08	2.7E-18	1.7E-17
Carbazole				2.0E-16	5.6E-16	2.4E-09	5.5E-09	3.0E-10	3.0E-10	9.8E-18	6.0E-17

Table H-7 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Dibenzofuran		2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.4E-07	3.1E-07	1.7E-08	1.7E-08	3.5E-15	2.1E-14
Dimethyl phthalate	9.2E-19					4.8E-09	1.1E-08	5.9E-10	5.9E-10		
Di-n-butyl phthalate	2.4E-14	4.6E-17	6.5E-17	5.5E-17	1.5E-16	1.3E-07	3.0E-07	1.6E-08	1.6E-08	2.7E-18	1.7E-17
Di-n-octyl phthalate	1.8E-19	1.3E-16	1.9E-16	1.6E-16	4.4E-16	9.2E-09	2.1E-08	1.1E-09	1.1E-09	7.8E-18	4.8E-17
Hexachlorobutadiene	9.6E-17					6.3E-07	1.5E-06	7.9E-08	7.9E-08		
Isopropanol						1.2E-02					
Phenol	2.1E-15					4.3E-06	9.9E-06	5.4E-07	5.4E-07		
Pyridine	1.1E-16					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
TRS											
Total Reduced Sulfur						4.2E-06	9.6E-06	5.2E-07	5.2E-07		
VOCs											
1,1,1,2-Tetrachloroethane	3.8E-20					1.9E-09	4.5E-09	2.4E-10	2.4E-10		
1,1,1-Trichloroethane	2.5E-21					1.9E-09	4.4E-09	2.4E-10	2.4E-10		
1,1-Dichloroethene	8.5E-23					3.7E-10	8.6E-10	4.6E-11	4.6E-11		
1,2,3-Trichlorobenzene	2.7E-18					7.6E-09	1.8E-08	9.5E-10	9.5E-10		
1,2,3-Trichloropropane	1.5E-20					1.5E-09	3.6E-09	1.9E-10	1.9E-10		
1,2,4-Trimethylbenzene						8.9E-08	2.1E-07	1.1E-08	1.1E-08		
1,2-Dibromoethane	5.3E-21					9.9E-10	2.3E-09	1.2E-10	1.2E-10		
1,2-Dichloroethane	1.7E-19					4.9E-04	9.1E-08	1.4E-05	1.4E-05		
1,3,5-Trimethylbenzene	8.6E-19					8.4E-08	1.9E-07	1.0E-08	1.0E-08		
1,3-Dichloropropane						9.6E-10	2.2E-09	1.2E-10	1.2E-10		
2-Butanone	3.5E-17					4.7E-07	1.1E-06	5.9E-08	5.9E-08		
2-Chlorotoluene						2.1E-08	4.9E-08	2.6E-09	2.6E-09		
2-Hexanone						9.7E-08	2.2E-07	1.2E-08	1.2E-08		

Table H-7 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzene	2.8E-17					1.2E-03	2.9E-05	1.4E-04	1.4E-04		
Bromobenzene						5.3E-07	1.2E-06	6.6E-08	6.6E-08		
Bromochloromethane						1.3E-09	2.9E-09	1.6E-10	1.6E-10		
Bromodichloromethane	4.5E-21					1.4E-09	3.1E-09	1.7E-10	1.7E-10		
Bromomethane	1.9E-20					5.4E-08	1.3E-07	6.8E-09	6.8E-09		
Carbon disulfide	1.8E-20					4.8E-08	1.1E-07	6.0E-09	6.0E-09		
Carbon tetrachloride	1.9E-21					2.1E-03	7.2E-09	2.2E-04	2.2E-04		
Chlorobenzene	6.7E-19					6.9E-08	1.6E-07	8.6E-09	8.6E-09		
Chlorodibromomethane	2.6E-19					3.4E-08	7.8E-08	4.2E-09	4.2E-09		
Chloroethane	5.3E-20					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
Chloroform	4.0E-20					3.6E-04	6.5E-08	3.4E-05	3.4E-05		
Chloromethane	1.4E-19					4.4E-07	1.0E-06	5.5E-08	5.5E-08		
cis-1,2-Dichloroethene	5.4E-20					5.7E-08	1.3E-07	7.1E-09	7.1E-09		
cis-1,3-Dichloropropene						3.5E-10	8.0E-10	4.3E-11	4.3E-11		
Dibromomethane	6.0E-21					2.9E-09	6.7E-09	3.6E-10	3.6E-10		
Dichlorodifluoromethane	6.7E-23					3.6E-09	8.2E-09	4.4E-10	4.4E-10		
Ethylbenzene	2.1E-17					1.4E-03	6.5E-06	3.5E-07	3.5E-07		
Isopropylbenzene	2.8E-20					2.3E-07	5.2E-07	2.8E-08	2.8E-08		
m&p-Xylene	3.4E-18					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Methyl Isobutyl Ketone (4-methyl-2-per	3.4E-20					5.1E-09	1.2E-08	6.4E-10	6.4E-10		
Methylene chloride	3.7E-19					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
n-Butylbenzene						1.1E-07	2.6E-07	1.4E-08	1.4E-08		
n-Propylbenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08		
o-Xylene	4.0E-18					3.3E-07	7.6E-07	4.1E-08	4.1E-08		

Table H-7 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
p-Chlorotoluene						7.9E-09	1.8E-08	9.9E-10	9.9E-10		
p-Isopropyltoluene						5.5E-08	1.3E-07	6.9E-09	6.9E-09		
sec-Butylbenzene						2.0E-08	4.7E-08	2.5E-09	2.5E-09		
Styrene	1.3E-16					7.3E-06	1.7E-05	9.1E-07	9.1E-07		
tert-Butylbenzene						6.5E-07	1.5E-06	8.2E-08	8.2E-08		
Tetrachloroethene	9.4E-21					1.7E-09	4.0E-09	2.2E-10	2.2E-10		
Toluene	2.2E-17					4.5E-06	1.0E-05	5.6E-07	5.6E-07		
trans-1,2-Dichloroethene	8.4E-19					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
trans-1,3-Dichloropropene						6.0E-10	1.4E-09	7.5E-11	7.5E-11		
Trichloroethene	9.7E-23					6.5E-05	2.4E-10	1.3E-11	1.3E-11		
Trichlorofluoromethane	1.5E-22					1.2E-09	2.9E-09	1.6E-10	1.6E-10		
Vinyl chloride	6.9E-21					7.1E-08	1.6E-07	8.8E-09	8.8E-09		

Table H-8 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					5.7E-03	2.7E-02	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19

Table H-8 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
DNT											
2,4-Dinitrotoluene		4.0E-07		4.7E-07						2.3E-11	
2,6-Dinitrotoluene		6.4E-07		7.6E-07						3.7E-11	
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				7.9E-03	1.9E-02					3.9E-07	2.1E-06
Antimony	1.6E-17			3.0E-07	1.7E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.5E-11	1.8E-11
Arsenic	8.1E-16	6.0E-07	1.8E-07	1.4E-06	8.6E-07	5.9E-10	1.4E-09	7.4E-11	7.4E-11	1.2E-10	1.6E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				1.9E-05	6.4E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	9.5E-10	6.9E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				1.7E-02	4.3E-02					8.3E-07	4.7E-06
Lead	6.9E-18			1.0E-04	1.4E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.0E-09	1.6E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16

Table H-8 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				1.5E-08	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	2.9E-08	1.8E-07
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19
Nickel	3.3E-15			4.0E-04	1.3E-03	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.0E-08	1.4E-07
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Thallium (Soluble Salts)				1.1E-07						5.2E-12	
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	1.6E-07	2.8E-12	1.4E-07	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	2.1E-09	1.3E-08
Benzo(a)pyrene	3.1E-12	2.6E-07	1.3E-07	2.4E-07	2.4E-07	1.2E-09	2.7E-09	1.5E-10	1.5E-10	1.2E-11	2.6E-11
Benzo(b)fluoranthene	8.3E-13	5.7E-07	1.2E-07	5.1E-07	2.2E-07	1.3E-09	3.0E-09	1.6E-10	1.6E-10	2.5E-11	2.3E-11

Table H-8 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	3.6E-08	9.7E-14	3.3E-08	1.8E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.6E-12	1.9E-17
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.3E-07	3.8E-12	2.1E-07	6.9E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.0E-11	7.4E-16
Dibenzo(a,h)anthracene	1.6E-13	9.9E-09	4.7E-13	9.0E-09	8.6E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	4.4E-13	9.3E-17
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.4E-07	1.3E-12	1.3E-07	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	6.3E-12	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18

Table H-8 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16
Pesticides											
DDE				5.1E-08	2.8E-07					1.6E-09	1.0E-08
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						3.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
1,4-Dioxane						7.3E-05					
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18

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Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						8.2E-04					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					3.4E-05	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		

Table H-8 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzene	2.0E-15					8.4E-05	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.5E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					2.5E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					9.6E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		

Table H-8 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					4.6E-06	1.7E-11	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10		

Table H-9 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						1.2E-05	4.3E-04	1.5E-06	1.4E-04		
Aldehydes											
Acetaldehyde	1.3E-15					2.1E-05	7.4E-04	2.6E-06	2.5E-04		
Formaldehyde	6.5E-15					8.2E-02	2.9E-04	1.1E-06	9.7E-05		
Propionaldehyde				3.2E-17	1.0E-15	2.3E-06	8.2E-05	2.8E-07	2.7E-05	2.4E-13	1.7E-11
CO											
Carbon monoxide						6.4E-04	2.4E-02	8.0E-05	7.9E-03		
CO2											
Carbon dioxide						2.0E-05	7.2E-04	2.5E-06	2.4E-04		
Criteria											
Sulfur Dioxide						5.4E-06	1.7E-04	6.8E-07	5.8E-05		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-20	1.1E-17	2.0E-16	4.2E-17	1.6E-15	1.2E-11	4.8E-10	1.5E-12	1.6E-10	2.1E-18	1.7E-16
1,2,3,4,6,7,8-HpCDF	1.3E-20	1.1E-17	2.0E-16	4.3E-17	1.6E-15	1.2E-11	4.9E-10	1.5E-12	1.6E-10	2.1E-18	1.7E-16
1,2,3,4,7,8,9-HpCDF	2.1E-21	1.2E-18	2.4E-17	4.9E-18	1.9E-16	1.6E-12	6.3E-11	1.9E-13	2.1E-11	2.4E-19	2.1E-17
1,2,3,4,7,8-HxCDD	1.6E-20	1.2E-18	2.4E-17	4.8E-18	1.9E-16	1.5E-12	5.9E-11	1.8E-13	2.0E-11	2.4E-19	2.0E-17
1,2,3,4,7,8-HxCDF	1.1E-19	9.7E-18	1.9E-16	3.8E-17	1.5E-15	1.2E-11	4.8E-10	1.5E-12	1.6E-10	1.9E-18	1.6E-16
1,2,3,6,7,8-HxCDD	3.1E-20	2.5E-18	4.8E-17	9.8E-18	3.8E-16	3.1E-12	1.2E-10	3.8E-13	4.1E-11	4.8E-19	4.1E-17
1,2,3,6,7,8-HxCDF	4.0E-20	3.2E-18	6.2E-17	1.2E-17	4.9E-16	3.8E-12	1.6E-10	4.8E-13	5.2E-11	6.1E-19	5.3E-17
1,2,3,7,8,9-HxCDD	4.3E-20	3.9E-18	7.6E-17	1.5E-17	6.0E-16	4.6E-12	1.9E-10	5.8E-13	6.3E-11	7.6E-19	6.4E-17
1,2,3,7,8,9-HxCDF	3.4E-21	2.3E-19	4.4E-18	8.9E-19	3.5E-17	2.9E-13	1.2E-11	3.7E-14	4.0E-12	4.4E-20	3.8E-18
1,2,3,7,8-PeCDD	9.8E-20	1.4E-18	2.7E-17	5.4E-18	2.1E-16	1.8E-12	7.5E-11	2.3E-13	2.5E-11	2.7E-19	2.3E-17
1,2,3,7,8-PeCDF	1.4E-19	1.6E-18	3.2E-17	6.4E-18	2.5E-16	2.6E-12	1.1E-10	3.3E-13	3.6E-11	3.1E-19	2.7E-17

Table H-9 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Apors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.8E-20	5.0E-18	9.3E-17	2.0E-17	7.4E-16	5.9E-12	2.4E-10	7.4E-13	7.9E-11	9.6E-19	7.9E-17
2,3,4,7,8-PeCDF	2.1E-19	3.9E-18	7.6E-17	1.5E-17	6.0E-16	5.9E-12	2.4E-10	7.4E-13	8.0E-11	7.5E-19	6.5E-17
2,3,7,8-TCDD	3.4E-20	2.8E-19	4.1E-18	1.1E-18	3.2E-17	7.4E-13	2.5E-11	9.3E-14	8.3E-12	3.8E-17	2.4E-15
2,3,7,8-TCDF	1.1E-19	5.1E-19	1.0E-17	2.0E-18	8.1E-17	2.7E-12	1.1E-10	3.4E-13	3.7E-11	9.9E-20	8.7E-18
OCDD	1.7E-22	7.3E-18	1.3E-16	2.9E-17	1.1E-15	8.0E-12	3.2E-10	1.0E-12	1.1E-10	1.4E-18	1.1E-16
OCDF	6.5E-23	2.8E-18	5.0E-17	1.1E-17	4.0E-16	3.0E-12	1.2E-10	3.8E-13	3.9E-11	5.4E-19	4.3E-17
DNT											
2,4-Dinitrotoluene		5.7E-09		6.8E-09						3.3E-10	
2,6-Dinitrotoluene		9.1E-09		1.1E-08						5.3E-10	
HCN											
Hydrogen cyanide						2.3E-06	8.8E-05	2.8E-07	2.9E-05		
Metals											
Aluminum				1.1E-04						5.5E-06	
Antimony	2.2E-19			4.3E-09		1.5E-07	3.7E-06	1.9E-08	1.2E-06	2.1E-10	
Arsenic	1.2E-17	8.5E-09	6.9E-19	2.0E-08	3.3E-18	8.5E-09	3.0E-07	1.1E-09	1.0E-07	1.6E-09	5.9E-19
Barium	2.6E-14			2.5E-11	8.8E-10	1.8E-06	4.8E-05	2.2E-07	1.6E-05	1.2E-12	9.5E-11
Beryllium	4.7E-19			1.5E-17	5.6E-16	6.1E-10	2.1E-08	7.7E-11	6.9E-09	7.3E-19	6.1E-17
Cadmium	1.2E-16			1.2E-17	4.5E-16	1.1E-08	3.8E-07	1.4E-09	1.3E-07	5.7E-19	4.8E-17
Chromium	3.1E-17			7.6E-13	3.0E-11	9.2E-08	3.3E-06	1.2E-08	1.1E-06	3.7E-14	3.2E-12
Cobalt				2.8E-07	8.0E-11	1.4E-07	2.6E-06	1.8E-08	8.5E-07	1.4E-08	8.7E-12
Copper				2.8E-12	1.1E-10	2.5E-07	8.7E-06	3.2E-08	2.9E-06	1.4E-13	1.1E-11
Iron				2.4E-04						1.2E-05	
Lead	9.9E-20			1.5E-06	5.5E-14	8.5E-08	2.8E-06	1.1E-08	9.3E-07	7.2E-08	5.9E-15
Manganese				1.1E-14	4.3E-13	7.8E-08	2.7E-06	9.7E-09	9.0E-07	5.6E-16	4.7E-14

Table H-9 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				2.4E-16	7.6E-15	3.4E-10	1.2E-08	4.2E-11	4.0E-09	1.2E-17	8.1E-16
Mercury, elemental				2.1E-10		1.4E-12	4.9E-11	1.8E-13	1.6E-11	4.1E-07	
Methyl Mercury	9.3E-17			1.5E-17	5.6E-16					7.1E-19	6.1E-17
Nickel	4.7E-17			5.7E-06	2.2E-15	5.0E-08	1.7E-06	6.2E-09	5.7E-07	2.8E-07	2.4E-16
Phosphorus				1.1E-16	4.0E-15	3.8E-07	1.2E-05	4.7E-08	4.1E-06	1.0E-12	8.4E-11
Selenium	3.9E-18			5.8E-19	2.2E-17	2.5E-09	8.7E-08	3.1E-10	2.9E-08	2.8E-20	2.4E-18
Silver	2.7E-18			9.3E-15	3.4E-13	1.6E-09	5.3E-08	2.0E-10	1.8E-08	4.5E-16	3.7E-14
Thallium (Soluble Salts)				1.5E-09						7.5E-11	
Titanium				1.1E-16	4.6E-15	8.7E-10	3.3E-08	1.1E-10	1.1E-08	5.6E-18	5.0E-16
Zinc	5.8E-14			2.6E-15	9.3E-14	2.0E-06	5.6E-05	2.4E-07	1.9E-05	1.3E-16	1.0E-14
NOx											
NOx (Oxides of Nitrogen)						2.2E-05	7.5E-04	2.8E-06	2.5E-04		
PAHs											
1-Methylnaphthalene		3.4E-18	6.9E-17	3.1E-18	1.3E-16	4.7E-07	2.0E-05	5.9E-08	6.5E-06	3.5E-15	3.2E-13
1-Methylphenanthrene				2.1E-15	8.6E-14	5.6E-08	2.4E-06	7.0E-09	7.9E-07	1.0E-16	9.2E-15
2,3,5-Trimethylnaphthalene				9.7E-16	4.2E-14	2.8E-08	1.2E-06	3.5E-09	4.0E-07	4.7E-17	4.6E-15
2,6-Dimethylnaphthalene				2.6E-15	1.1E-13	7.4E-08	3.1E-06	9.2E-09	1.0E-06	1.3E-16	1.2E-14
2-Methylnaphthalene		3.3E-18	6.7E-17	3.0E-18	1.2E-16	4.6E-07	1.9E-05	5.7E-08	6.3E-06	3.4E-15	3.1E-13
Acenaphthylene				8.5E-15	3.6E-13	2.7E-07	1.1E-05	3.4E-08	3.8E-06	4.2E-16	3.9E-14
Acenaphthene	4.8E-17					4.9E-08	2.1E-06	6.2E-09	6.9E-07		
Anthracene	6.1E-16					8.7E-08	3.7E-06	1.1E-08	1.2E-06		
Benzo(a)anthracene	8.8E-14	2.2E-09	5.2E-13	2.0E-09	9.5E-13	4.3E-08	1.8E-06	5.3E-09	6.2E-07	3.1E-08	3.2E-11
Benzo(a)pyrene	4.4E-14	3.8E-09	2.3E-13	3.4E-09	4.1E-13	1.7E-08	7.0E-07	2.1E-09	2.3E-07	1.7E-10	4.5E-14
Benzo(b)fluoranthene	1.2E-14	8.1E-09	1.2E-14	7.3E-09	2.2E-14	1.9E-08	7.6E-07	2.3E-09	2.5E-07	3.6E-10	2.4E-15

Table H-9 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				4.9E-16	1.9E-14	1.4E-08	5.8E-07	1.8E-09	1.9E-07	2.4E-17	2.1E-15
Benzo(g,h,i)perylene				3.6E-16	1.5E-14	1.1E-08	4.5E-07	1.4E-09	1.5E-07	1.8E-17	1.6E-15
Benzo(k)fluoranthene	8.8E-17	5.2E-10	6.0E-15	4.7E-10	1.1E-14	1.7E-10	3.0E-09	2.1E-11	9.9E-10	2.3E-11	1.2E-15
Biphenyl				4.8E-17	2.0E-15	1.6E-06	6.7E-05	2.0E-07	2.2E-05	2.8E-14	2.6E-12
Chrysene	1.5E-14	3.2E-09	6.0E-13	2.9E-09	1.1E-12	7.3E-08	3.0E-06	9.1E-09	1.0E-06	1.4E-10	1.2E-13
Dibenze(a,h)anthracene	2.1E-15	1.4E-10	7.5E-14	1.3E-10	1.4E-13	2.7E-09	1.1E-07	3.3E-10	3.6E-08	6.3E-12	1.5E-14
Fluoranthene	4.0E-15	8.6E-16	1.7E-14	7.8E-16	3.2E-14	1.1E-07	4.4E-06	1.3E-08	1.5E-06	3.8E-17	3.4E-15
Fluorene	8.7E-16					2.7E-07	1.1E-05	3.3E-08	3.8E-06		
Indeno(1,2,3-cd)pyrene	5.4E-15	2.0E-09	2.2E-13	1.8E-09	3.9E-13	8.8E-09	3.6E-07	1.1E-09	1.2E-07	9.0E-11	4.2E-14
Napthalene	4.0E-16					2.1E-06	8.8E-05	2.7E-07	2.9E-05		
Perylene				1.9E-16	8.8E-15	6.6E-09	2.9E-07	8.2E-10	9.7E-08	9.2E-18	9.4E-16
Phenanthrene	4.2E-15					5.0E-07	2.1E-05	6.3E-08	6.9E-06		
Pyrene	2.9E-15	2.4E-15	4.9E-14	2.2E-15	8.8E-14	1.0E-07	4.3E-06	1.3E-08	1.4E-06	6.0E-14	5.5E-12
Particulate											
Particulate Total Suspended Particulate				4.3E-11	1.7E-09	3.3E-04	1.3E-02	4.2E-05	4.3E-03	2.1E-12	1.9E-10
PM<10				5.5E-11	2.3E-09	4.4E-04	1.7E-02	5.5E-05	5.8E-03	2.7E-12	2.4E-10
PM<2.5				4.5E-11	1.9E-09	3.8E-04	1.5E-02	4.7E-05	5.0E-03	2.2E-12	2.1E-10
PCBs											
Dichlorobiphenyl	8.7E-17	5.1E-18	1.0E-16	4.3E-18	1.7E-16	1.3E-09	5.4E-08	1.7E-10	1.8E-08	4.0E-16	3.5E-14
Heptachlorobiphenyl	3.3E-18	5.8E-19	1.1E-17	4.9E-19	1.9E-17	1.8E-11	7.3E-10	2.3E-12	2.4E-10	2.5E-17	2.1E-15
Hexachlorobiphenyl	1.3E-17	2.6E-18	4.7E-17	2.2E-18	7.9E-17	7.6E-11	3.0E-09	9.5E-12	9.9E-10	1.1E-16	8.9E-15
Monochlorobiphenyl	6.1E-16	3.5E-17	7.0E-16	3.0E-17	1.2E-15	9.2E-09	3.8E-07	1.2E-09	1.3E-07	2.8E-15	2.4E-13
Nonachlorobiphenyl	4.1E-19	1.0E-19	1.6E-18	8.6E-20	2.7E-18	2.6E-12	9.1E-11	3.2E-13	3.0E-11	4.4E-18	3.0E-16
Octachlorobiphenyl	9.7E-19	1.9E-19	3.4E-18	1.6E-19	5.8E-18	5.5E-12	2.2E-10	6.9E-13	7.2E-11	8.1E-18	6.5E-16

Table H-9 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	4.4E-17	9.4E-18	1.6E-16	7.9E-18	2.7E-16	2.6E-10	9.9E-09	3.3E-11	3.3E-09	4.0E-16	3.0E-14
Tetrachlorobiphenyl	2.6E-17	1.9E-18	3.3E-17	1.6E-18	5.5E-17	4.3E-10	1.6E-08	5.4E-11	5.4E-09	1.5E-16	1.1E-14
Trichlorobiphenyl	3.4E-17	2.3E-18	4.1E-17	2.0E-18	7.0E-17	5.5E-10	2.1E-08	6.8E-11	7.0E-09	1.8E-16	1.4E-14
Pesticides											
DDE				7.3E-10						2.3E-08	
SVOCs											
1,2,4-trichlorobenzene						3.9E-09	1.2E-07	4.8E-10	4.1E-08		
1,2-dichlorobenzene	3.9E-20					1.6E-09	2.8E-08	1.9E-10	9.2E-09		
1,3-Butadiene						4.6E-04					
1,3-dichlorobenzene	9.9E-20					2.3E-09	7.9E-08	2.9E-10	2.6E-08		
1,4-dichlorobenzene	1.3E-18					2.2E-08	9.7E-07	2.7E-09	3.2E-07		
1,4-Dioxane						1.0E-03					
2,4-Dimethylphenol	3.6E-17					3.4E-07	1.4E-05	4.2E-08	4.5E-06		
2-Chlorophenol	1.8E-18					6.8E-08	2.9E-06	8.5E-09	9.8E-07		
2-Methylphenol	7.5E-16					8.0E-07	3.3E-05	9.9E-08	1.1E-05		
2-Nitrophenol	4.6E-18					1.1E-07	4.5E-06	1.3E-08	1.5E-06		
3-Methylphenol & 4-Methylphenol				5.3E-14	2.2E-12	1.4E-06	6.0E-05	1.8E-07	2.0E-05	2.6E-15	2.4E-13
4-Nitrophenol	9.3E-18					1.8E-07	6.9E-06	2.2E-08	2.3E-06		
Acetophenone	5.6E-17					1.7E-06	7.0E-05	2.1E-07	2.3E-05		
Benzoic acid	2.3E-16					7.7E-06	3.2E-04	9.6E-07	1.1E-04		
Benzyl alcohol	1.4E-19					6.4E-08	1.9E-06	8.0E-09	6.5E-07		
bis(2-Ethylhexyl) phthalate	7.0E-15	9.6E-14	1.7E-12	1.1E-13	4.1E-12	2.7E-06	1.1E-04	3.4E-07	3.5E-05	5.5E-15	4.4E-13
Butyl benzyl phthalate	2.5E-15	4.6E-17	9.5E-16	5.5E-17	2.2E-15	8.5E-08	3.5E-06	1.1E-08	1.2E-06	2.7E-18	2.4E-16
Carbazole				2.0E-16	3.7E-15	2.4E-09	4.3E-08	3.0E-10	1.4E-08	9.8E-18	4.0E-16

Table H-9 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Dibenzofuran		2.1E-18	4.1E-17	8.1E-18	3.2E-16	1.4E-07	5.6E-06	1.7E-08	1.9E-06	3.5E-15	3.0E-13
Dimethyl phthalate	9.2E-19					4.8E-09	8.5E-08	5.9E-10	2.8E-08		
Di-n-butyl phthalate	2.4E-14	4.6E-17	9.5E-16	5.5E-17	2.3E-15	1.3E-07	5.4E-06	1.6E-08	1.8E-06	2.7E-18	2.4E-16
Di-n-octyl phthalate	1.8E-19	1.3E-16	1.2E-15	1.6E-16	2.9E-15	9.2E-09	1.6E-07	1.1E-09	5.5E-08	7.8E-18	3.2E-16
Hexachlorobutadiene	9.6E-17					6.3E-07	1.1E-05	7.9E-08	3.8E-06		
Isopropanol						1.2E-02					
Phenol	2.1E-15					4.3E-06	1.8E-04	5.4E-07	5.9E-05		
Pyridine	1.1E-16					4.1E-07	1.7E-05	5.1E-08	5.7E-06		
TRS											
Total Reduced Sulfur						4.2E-06	1.8E-04	5.2E-07	6.0E-05		
VOCs											
1,1,1,2-Tetrachloroethane	3.8E-20					1.9E-09	6.5E-08	2.4E-10	2.2E-08		
1,1,1-Trichloroethane	2.5E-21					1.9E-09	7.1E-08	2.4E-10	2.4E-08		
1,1-Dichloroethene	8.5E-23					3.7E-10	6.6E-09	4.6E-11	2.2E-09		
1,2,3-Trichlorobenzene	2.7E-18					7.6E-09	2.8E-07	9.5E-10	9.4E-08		
1,2,3-Trichloropropane	1.5E-20					1.5E-09	2.8E-08	1.9E-10	9.2E-09		
1,2,4-Trimethylbenzene						8.9E-08	2.8E-06	1.1E-08	9.4E-07		
1,2-Dibromoethane	5.3E-21					9.9E-10	1.8E-08	1.2E-10	5.9E-09		
1,2-Dichloroethane	1.7E-19					4.9E-04	1.5E-06	1.4E-05	5.0E-07		
1,3,5-Trimethylbenzene	8.6E-19					8.4E-08	2.5E-06	1.0E-08	8.3E-07		
1,3-Dichloropropane						9.6E-10	1.7E-08	1.2E-10	5.7E-09		
2-Butanone	3.5E-17					4.7E-07	1.9E-05	5.9E-08	6.2E-06		
2-Chlorotoluene						2.1E-08	8.7E-07	2.6E-09	2.9E-07		
2-Hexanone						9.7E-08	3.5E-06	1.2E-08	1.2E-06		

Table H-9 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzene	2.8E-17					1.2E-03	4.9E-04	1.4E-04	1.6E-04		
Bromobenzene						5.3E-07	9.5E-06	6.6E-08	3.2E-06		
Bromochloromethane						1.3E-09	2.2E-08	1.6E-10	7.5E-09		
Bromodichloromethane	4.5E-21					1.4E-09	2.4E-08	1.7E-10	8.1E-09		
Bromomethane	1.9E-20					5.4E-08	1.6E-06	6.8E-09	5.5E-07		
Carbon disulfide	1.8E-20					4.8E-08	1.4E-06	6.0E-09	4.7E-07		
Carbon tetrachloride	1.9E-21					2.1E-03	5.6E-08	2.2E-04	1.9E-08		
Chlorobenzene	6.7E-19					6.9E-08	2.5E-06	8.6E-09	8.2E-07		
Chlorodibromomethane	2.6E-19					3.4E-08	6.0E-07	4.2E-09	2.0E-07		
Chloroethane	5.3E-20					1.3E-07	4.5E-06	1.6E-08	1.5E-06		
Chloroform	4.0E-20					3.6E-04	5.5E-07	3.4E-05	1.8E-07		
Chloromethane	1.4E-19					4.4E-07	1.3E-05	5.5E-08	4.5E-06		
cis-1,2-Dichloroethene	5.4E-20					5.7E-08	1.0E-06	7.1E-09	3.4E-07		
cis-1,3-Dichloropropene						3.5E-10	6.2E-09	4.3E-11	2.1E-09		
Dibromomethane	6.0E-21					2.9E-09	5.2E-08	3.6E-10	1.7E-08		
Dichlorodifluoromethane	6.7E-23					3.6E-09	6.3E-08	4.4E-10	2.1E-08		
Ethylbenzene	2.1E-17					1.4E-03	1.1E-04	3.5E-07	3.5E-05		
Isopropylbenzene	2.8E-20					2.3E-07	7.7E-06	2.8E-08	2.6E-06		
m&p-Xylene	3.4E-18					5.2E-07	1.8E-05	6.5E-08	5.9E-06		
Methyl Isobutyl Ketone (4-methyl-2-per	3.4E-20					5.1E-09	9.1E-08	6.4E-10	3.0E-08		
Methylene chloride	3.7E-19					2.6E-07	9.5E-06	3.2E-08	3.2E-06		
n-Butylbenzene						1.1E-07	3.3E-06	1.4E-08	1.1E-06		
n-Propylbenzene						1.3E-07	4.4E-06	1.7E-08	1.5E-06		
o-Xylene	4.0E-18					3.3E-07	1.1E-05	4.1E-08	3.6E-06		

Table H-9 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
p-Chlorotoluene						7.9E-09	2.4E-07	9.9E-10	8.0E-08		
p-Isopropyltoluene						5.5E-08	1.3E-06	6.9E-09	4.4E-07		
sec-Butylbenzene						2.0E-08	6.2E-07	2.5E-09	2.1E-07		
Styrene	1.3E-16					7.3E-06	2.7E-04	9.1E-07	8.9E-05		
tert-Butylbenzene						6.5E-07	1.2E-05	8.2E-08	3.9E-06		
Tetrachloroethene	9.4E-21					1.7E-09	6.0E-08	2.2E-10	2.0E-08		
Toluene	2.2E-17					4.5E-06	1.8E-04	5.6E-07	5.9E-05		
trans-1,2-Dichloroethene	8.4E-19					1.2E-06	2.2E-05	1.5E-07	7.2E-06		
trans-1,3-Dichloropropene						6.0E-10	1.1E-08	7.5E-11	3.6E-09		
Trichloroethene	9.7E-23					6.5E-05	1.9E-09	1.3E-11	6.2E-10		
Trichlorofluoromethane	1.5E-22					1.2E-09	2.2E-08	1.6E-10	7.4E-09		
Vinyl chloride	6.9E-21					7.1E-08	1.7E-06	8.8E-09	5.7E-07		

Table H-10 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	3.0E-05	1.0E-07	9.9E-06		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	5.2E-05	1.8E-07	1.7E-05		
Formaldehyde	4.5E-13					5.7E-03	2.0E-05	7.7E-08	6.8E-06		
Propionaldehyde				2.2E-15	7.2E-14	1.6E-07	5.8E-06	2.0E-08	1.9E-06	1.7E-14	1.2E-12
CO											
Carbon monoxide						4.5E-05	1.7E-03	5.6E-06	5.6E-04		
CO2											
Carbon dioxide						1.4E-06	5.0E-05	1.8E-07	1.7E-05		
Criteria											
Sulfur Dioxide						3.8E-07	1.2E-05	4.7E-08	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	2.6E-14	5.5E-15	2.1E-13	8.5E-13	3.4E-11	1.1E-13	1.1E-11	2.7E-19	2.2E-17
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.6E-14	5.5E-15	2.1E-13	8.6E-13	3.4E-11	1.1E-13	1.1E-11	2.7E-19	2.2E-17
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	3.1E-15	6.4E-16	2.5E-14	1.1E-13	4.4E-12	1.4E-14	1.5E-12	3.1E-20	2.7E-18
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	3.0E-15	6.2E-16	2.4E-14	1.0E-13	4.1E-12	1.3E-14	1.4E-12	3.1E-20	2.6E-18
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	2.4E-14	4.9E-15	1.9E-13	8.3E-13	3.3E-11	1.0E-13	1.1E-11	2.4E-19	2.1E-17
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	6.2E-15	1.3E-15	4.9E-14	2.1E-13	8.7E-12	2.7E-14	2.9E-12	6.2E-20	5.3E-18
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	8.0E-15	1.6E-15	6.3E-14	2.7E-13	1.1E-11	3.4E-14	3.6E-12	7.9E-20	6.8E-18
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	9.8E-15	2.0E-15	7.7E-14	3.2E-13	1.3E-11	4.1E-14	4.4E-12	9.8E-20	8.3E-18
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	5.8E-16	1.2E-16	4.5E-15	2.1E-14	8.4E-13	2.6E-15	2.8E-13	5.7E-21	4.9E-19
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	3.5E-15	7.0E-16	2.8E-14	1.3E-13	5.3E-12	1.6E-14	1.8E-12	3.5E-20	3.0E-18
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	4.1E-15	8.3E-16	3.3E-14	1.8E-13	7.5E-12	2.3E-14	2.5E-12	4.0E-20	3.5E-18

Table H-10 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	1.2E-14	2.5E-15	9.5E-14	4.2E-13	1.7E-11	5.2E-14	5.6E-12	1.2E-19	1.0E-17
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	9.9E-15	2.0E-15	7.8E-14	4.1E-13	1.7E-11	5.2E-14	5.6E-12	9.7E-20	8.4E-18
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.2E-16	1.4E-16	4.1E-15	5.2E-14	1.7E-12	6.5E-15	5.8E-13	4.9E-18	3.1E-16
2,3,7,8-TCDF	8.0E-18	6.6E-17	1.3E-15	2.6E-16	1.0E-14	1.9E-13	7.8E-12	2.4E-14	2.6E-12	1.3E-20	1.1E-18
OCDD	1.8E-20	9.4E-16	1.7E-14	3.7E-15	1.4E-13	5.6E-13	2.2E-11	7.0E-14	7.4E-12	1.8E-19	1.5E-17
OCDF	6.7E-21	3.6E-16	6.5E-15	1.4E-15	5.1E-14	2.1E-13	8.2E-12	2.6E-14	2.7E-12	7.0E-20	5.5E-18
DNT											
2,4-Dinitrotoluene		4.0E-07		4.7E-07						2.3E-11	
2,6-Dinitrotoluene		6.4E-07		7.6E-07						3.7E-11	
HCN											
Hydrogen cyanide						1.6E-07	6.2E-06	2.0E-08	2.1E-06		
Metals											
Aluminum				7.9E-03						3.9E-07	
Antimony	1.6E-17			3.0E-07		1.0E-08	2.6E-07	1.3E-09	8.6E-08	1.5E-11	
Arsenic	8.1E-16	6.0E-07	4.8E-17	1.4E-06	2.3E-16	5.9E-10	2.1E-08	7.4E-11	7.0E-09	1.2E-10	4.1E-20
Barium	2.3E-12			3.1E-09	1.1E-07	1.3E-07	3.4E-06	1.6E-08	1.1E-06	1.5E-13	1.2E-11
Beryllium	3.3E-17			1.0E-15	3.9E-14	4.3E-11	1.5E-09	5.4E-12	4.8E-10	5.1E-20	4.3E-18
Cadmium	8.3E-15			8.2E-16	3.1E-14	7.6E-10	2.6E-08	9.5E-11	8.8E-09	4.0E-20	3.4E-18
Chromium	2.6E-15			8.3E-11	3.2E-09	6.5E-09	2.3E-07	8.1E-10	7.7E-08	4.1E-15	3.5E-13
Cobalt				1.9E-05	1.0E-08	9.8E-09	1.8E-07	1.2E-09	6.0E-08	9.5E-10	1.1E-12
Copper				3.4E-10	1.3E-08	1.8E-08	6.1E-07	2.2E-09	2.0E-07	1.6E-14	1.4E-12
Iron				1.7E-02						8.3E-07	
Lead	6.9E-18			1.0E-04	3.8E-12	6.0E-09	2.0E-07	7.5E-10	6.5E-08	5.0E-09	4.1E-16
Manganese				8.0E-13	3.1E-11	5.5E-09	1.9E-07	6.8E-10	6.3E-08	3.9E-17	3.3E-15

Table H-10 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				3.4E-14	1.1E-12	2.4E-11	8.3E-10	2.9E-12	2.8E-10	1.7E-18	1.1E-16
Mercury, elemental				1.5E-08		9.8E-14	3.5E-12	1.2E-14	1.2E-12	2.9E-08	
Methyl Mercury	8.7E-15			2.0E-15	7.9E-14					1.0E-19	8.5E-18
Nickel	3.3E-15			4.0E-04	1.6E-13	3.5E-09	1.2E-07	4.3E-10	4.0E-08	2.0E-08	1.7E-17
Phosphorus				7.5E-15	2.8E-13	2.6E-08	8.6E-07	3.3E-09	2.9E-07	7.2E-14	5.9E-12
Selenium	2.8E-16			4.0E-17	1.6E-15	1.7E-10	6.1E-09	2.2E-11	2.0E-09	2.0E-21	1.7E-19
Silver	2.1E-16			8.4E-13	3.1E-11	1.1E-10	3.7E-09	1.4E-11	1.2E-09	4.1E-17	3.4E-15
Thallium (Soluble Salts)				1.1E-07						5.2E-12	
Titanium				8.0E-15	3.2E-13	6.1E-11	2.3E-09	7.6E-12	7.6E-10	3.9E-19	3.5E-17
Zinc	4.1E-12			1.8E-13	6.5E-12	1.4E-07	3.9E-06	1.7E-08	1.3E-06	9.0E-18	7.0E-16
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	5.2E-05	2.0E-07	1.7E-05		
PAHs											
1-Methylnaphthalene		2.4E-16	4.9E-15	2.2E-16	8.9E-15	3.3E-08	1.4E-06	4.1E-09	4.6E-07	2.5E-16	2.2E-14
1-Methylphenanthrene				1.5E-13	6.0E-12	3.9E-09	1.7E-07	4.9E-10	5.5E-08	7.1E-18	6.5E-16
2,3,5-Trimethylnaphthalene				6.8E-14	3.0E-12	1.9E-09	8.4E-08	2.4E-10	2.8E-08	3.3E-18	3.2E-16
2,6-Dimethylnaphthalene				1.9E-13	7.9E-12	5.1E-09	2.2E-07	6.4E-10	7.3E-08	9.1E-18	8.5E-16
2-Methylnaphthalene		2.3E-16	4.7E-15	2.1E-16	8.6E-15	3.2E-08	1.3E-06	4.0E-09	4.4E-07	2.4E-16	2.2E-14
Acenaphthylene				6.0E-13	2.5E-11	1.9E-08	8.0E-07	2.4E-09	2.7E-07	2.9E-17	2.7E-15
Acenaphthene	3.4E-15					3.5E-09	1.4E-07	4.3E-10	4.8E-08		
Anthracene	4.3E-14					6.1E-09	2.6E-07	7.6E-10	8.6E-08		
Benzo(a)anthracene	6.2E-12	1.6E-07	4.4E-11	1.4E-07	8.0E-11	3.0E-09	1.3E-07	3.7E-10	4.3E-08	2.1E-09	2.7E-12
Benzo(a)pyrene	3.1E-12	2.6E-07	1.8E-11	2.4E-07	3.3E-11	1.2E-09	4.9E-08	1.5E-10	1.6E-08	1.2E-11	3.6E-15
Benzo(b)fluoranthene	8.3E-13	5.7E-07	1.0E-12	5.1E-07	1.8E-12	1.3E-09	5.3E-08	1.6E-10	1.8E-08	2.5E-11	2.0E-16

Table H-10 (Average Daily Dose)

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Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				3.4E-14	1.3E-12	1.0E-09	4.1E-08	1.3E-10	1.4E-08	1.7E-18	1.4E-16
Benzo(g,h,i)perylene				2.5E-14	1.0E-12	7.7E-10	3.2E-08	9.6E-11	1.1E-08	1.2E-18	1.1E-16
Benzo(k)fluoranthene	7.4E-15	3.6E-08	6.4E-13	3.3E-08	1.2E-12	1.2E-11	2.1E-10	1.5E-12	6.9E-11	1.6E-12	1.3E-16
Biphenyl				3.3E-15	1.4E-13	1.1E-07	4.7E-06	1.4E-08	1.6E-06	2.0E-15	1.8E-13
Chrysene	1.1E-12	2.3E-07	5.5E-11	2.1E-07	9.9E-11	5.1E-09	2.1E-07	6.4E-10	7.1E-08	1.0E-11	1.1E-14
Dibenze(a,h)anthracene	1.6E-13	9.9E-09	6.7E-12	9.0E-09	1.2E-11	1.9E-10	7.6E-09	2.3E-11	2.5E-09	4.4E-13	1.3E-15
Fluoranthene	2.8E-13	6.7E-14	1.4E-12	6.1E-14	2.5E-12	7.5E-09	3.1E-07	9.4E-10	1.0E-07	3.0E-18	2.7E-16
Fluorene	6.1E-14					1.9E-08	7.9E-07	2.3E-09	2.6E-07		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.4E-07	1.8E-11	1.3E-07	3.3E-11	6.2E-10	2.5E-08	7.7E-11	8.5E-09	6.3E-12	3.6E-15
Napthalene	2.8E-14					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Perylene				1.3E-14	6.2E-13	4.6E-10	2.0E-08	5.8E-11	6.8E-09	6.5E-19	6.6E-17
Phenanthrene	2.9E-13					3.5E-08	1.5E-06	4.4E-09	4.8E-07		
Pyrene	2.0E-13	2.5E-13	5.1E-12	2.3E-13	9.3E-12	7.3E-09	3.0E-07	9.1E-10	1.0E-07	6.4E-15	5.8E-13
Particulate											
Particulate Total Suspended Particulate				3.0E-09	1.2E-07	2.3E-05	9.0E-04	2.9E-06	3.0E-04	1.5E-13	1.3E-11
PM<10				3.8E-09	1.6E-07	3.1E-05	1.2E-03	3.9E-06	4.0E-04	1.9E-13	1.7E-11
PM<2.5				3.2E-09	1.3E-07	2.6E-05	1.0E-03	3.3E-06	3.5E-04	1.6E-13	1.4E-11
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	1.3E-14	5.5E-16	2.2E-14	9.3E-11	3.8E-09	1.2E-11	1.3E-09	5.1E-17	4.5E-15
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.4E-15	6.3E-17	2.4E-15	1.3E-12	5.1E-11	1.6E-13	1.7E-11	3.2E-18	2.7E-16
Hexachlorobiphenyl	9.3E-16	3.4E-16	6.1E-15	2.9E-16	1.0E-14	5.3E-12	2.1E-10	6.7E-13	6.9E-11	1.5E-17	1.1E-15
Monochlorobiphenyl	4.3E-14	4.5E-15	9.0E-14	3.8E-15	1.5E-13	6.5E-10	2.7E-08	8.1E-11	8.9E-09	3.5E-16	3.1E-14
Nonachlorobiphenyl	2.9E-17	1.3E-17	2.1E-16	1.1E-17	3.5E-16	1.8E-13	6.4E-12	2.2E-14	2.1E-12	5.7E-19	3.9E-17
Octachlorobiphenyl	6.8E-17	2.4E-17	4.4E-16	2.0E-17	7.5E-16	3.9E-13	1.5E-11	4.9E-14	5.1E-12	1.0E-18	8.4E-17

Table H-10 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	3.1E-15	1.2E-15	2.1E-14	1.0E-15	3.5E-14	1.8E-11	6.9E-10	2.3E-12	2.3E-10	5.2E-17	3.9E-15
Tetrachlorobiphenyl	1.8E-15	2.5E-16	4.2E-15	2.1E-16	7.1E-15	3.0E-11	1.1E-09	3.8E-12	3.8E-10	2.0E-17	1.5E-15
Trichlorobiphenyl	2.4E-15	3.0E-16	5.3E-15	2.5E-16	9.0E-15	3.8E-11	1.5E-09	4.8E-12	4.9E-10	2.3E-17	1.8E-15
Pesticides											
DDE				5.1E-08						1.6E-09	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	8.7E-09	3.4E-11	2.9E-09		
1,2-dichlorobenzene	2.8E-18					1.1E-10	1.9E-09	1.4E-11	6.5E-10		
1,3-Butadiene						3.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	5.5E-09	2.0E-11	1.8E-09		
1,4-dichlorobenzene	9.2E-17					1.5E-09	6.8E-08	1.9E-10	2.3E-08		
1,4-Dioxane						7.3E-05					
2,4-Dimethylphenol	2.5E-15					2.4E-08	9.5E-07	3.0E-09	3.2E-07		
2-Chlorophenol	1.3E-16					4.7E-09	2.1E-07	5.9E-10	6.9E-08		
2-Methylphenol	5.3E-14					5.6E-08	2.3E-06	7.0E-09	7.8E-07		
2-Nitrophenol	3.2E-16					7.6E-09	3.1E-07	9.4E-10	1.0E-07		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.5E-10	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.8E-16	1.7E-14
4-Nitrophenol	6.5E-16					1.3E-08	4.8E-07	1.6E-09	1.6E-07		
Acetophenone	3.9E-15					1.2E-07	4.9E-06	1.5E-08	1.6E-06		
Benzoic acid	1.6E-14					5.4E-07	2.2E-05	6.7E-08	7.5E-06		
Benzyl alcohol	9.8E-18					4.5E-09	1.4E-07	5.6E-10	4.5E-08		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	1.2E-10	8.0E-12	2.9E-10	1.9E-07	7.4E-06	2.4E-08	2.5E-06	3.9E-16	3.1E-14
Butyl benzyl phthalate	1.8E-13	3.3E-15	6.6E-14	3.8E-15	1.6E-13	6.0E-09	2.5E-07	7.5E-10	8.3E-08	1.9E-19	1.7E-17
Carbazole				1.4E-14	2.6E-13	1.7E-10	3.0E-09	2.1E-11	1.0E-09	6.9E-19	2.8E-17

Table H-10 (Average Daily Dose)

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Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Dibenzofuran		1.4E-16	2.9E-15	5.7E-16	2.3E-14	9.5E-09	3.9E-07	1.2E-09	1.3E-07	2.4E-16	2.1E-14
Dimethyl phthalate	6.5E-17					3.3E-10	5.9E-09	4.2E-11	2.0E-09		
Di-n-butyl phthalate	1.7E-12	3.3E-15	6.7E-14	3.9E-15	1.6E-13	9.2E-09	3.8E-07	1.1E-09	1.3E-07	1.9E-19	1.7E-17
Di-n-octyl phthalate	1.3E-17	9.4E-15	8.7E-14	1.1E-14	2.1E-13	6.4E-10	1.1E-08	8.0E-11	3.8E-09	5.5E-19	2.2E-17
Hexachlorobutadiene	6.7E-15					4.4E-08	7.9E-07	5.5E-09	2.6E-07		
Isopropanol						8.2E-04					
Phenol	1.5E-13					3.0E-07	1.2E-05	3.8E-08	4.2E-06		
Pyridine	7.7E-15					2.9E-08	1.2E-06	3.6E-09	4.0E-07		
TRS											
Total Reduced Sulfur						2.9E-07	1.3E-05	3.6E-08	4.2E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	4.6E-09	1.7E-11	1.5E-09		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	5.0E-09	1.7E-11	1.7E-09		
1,1-Dichloroethene	6.0E-21					2.6E-11	4.6E-10	3.2E-12	1.5E-10		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	2.0E-08	6.7E-11	6.6E-09		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	1.9E-09	1.4E-11	6.4E-10		
1,2,4-Trimethylbenzene						6.2E-09	2.0E-07	7.8E-10	6.6E-08		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.2E-09	8.6E-12	4.1E-10		
1,2-Dichloroethane	1.2E-17					3.4E-05	1.0E-07	1.0E-06	3.5E-08		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.7E-07	7.3E-10	5.8E-08		
1,3-Dichloropropane						6.7E-11	1.2E-09	8.4E-12	4.0E-10		
2-Butanone	2.4E-15					3.3E-08	1.3E-06	4.1E-09	4.4E-07		
2-Chlorotoluene						1.5E-09	6.1E-08	1.8E-10	2.0E-08		
2-Hexanone						6.8E-09	2.5E-07	8.4E-10	8.2E-08		

Table H-10 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzene	2.0E-15					8.4E-05	3.4E-05	9.7E-06	1.1E-05		
Bromobenzene						3.7E-08	6.6E-07	4.7E-09	2.2E-07		
Bromochloromethane						8.8E-11	1.6E-09	1.1E-11	5.2E-10		
Bromodichloromethane	3.1E-19					9.5E-11	1.7E-09	1.2E-11	5.7E-10		
Bromomethane	1.3E-18					3.8E-09	1.1E-07	4.8E-10	3.8E-08		
Carbon disulfide	1.3E-18					3.3E-09	9.8E-08	4.2E-10	3.3E-08		
Carbon tetrachloride	1.3E-19					1.5E-04	3.9E-09	1.5E-05	1.3E-09		
Chlorobenzene	4.7E-17					4.8E-09	1.7E-07	6.0E-10	5.7E-08		
Chlorodibromomethane	1.8E-17					2.4E-09	4.2E-08	3.0E-10	1.4E-08		
Chloroethane	3.7E-18					9.1E-09	3.2E-07	1.1E-09	1.1E-07		
Chloroform	2.8E-18					2.5E-05	3.8E-08	2.4E-06	1.3E-08		
Chloromethane	9.8E-18					3.1E-08	9.4E-07	3.9E-09	3.1E-07		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	7.1E-08	5.0E-10	2.4E-08		
cis-1,3-Dichloropropene						2.4E-11	4.3E-10	3.0E-12	1.4E-10		
Dibromomethane	4.2E-19					2.0E-10	3.6E-09	2.5E-11	1.2E-09		
Dichlorodifluoromethane	4.7E-21					2.5E-10	4.4E-09	3.1E-11	1.5E-09		
Ethylbenzene	1.5E-15					9.6E-05	7.4E-06	2.4E-08	2.5E-06		
Isopropylbenzene	2.0E-18					1.6E-08	5.4E-07	2.0E-09	1.8E-07		
m&p-Xylene	2.4E-16					3.6E-08	1.2E-06	4.6E-09	4.1E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	6.4E-09	4.5E-11	2.1E-09		
Methylene chloride	2.6E-17					1.8E-08	6.6E-07	2.3E-09	2.2E-07		
n-Butylbenzene						7.8E-09	2.3E-07	9.7E-10	7.7E-08		
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07		
o-Xylene	2.8E-16					2.3E-08	7.6E-07	2.9E-09	2.5E-07		

Table H-10 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)
p-Chlorotoluene						5.5E-10	1.7E-08	6.9E-11	5.6E-09			
p-Isopropyltoluene						3.8E-09	9.2E-08	4.8E-10	3.1E-08			
sec-Butylbenzene						1.4E-09	4.3E-08	1.8E-10	1.4E-08			
Styrene	9.4E-15					5.1E-07	1.9E-05	6.4E-08	6.2E-06			
tert-Butylbenzene						4.6E-08	8.1E-07	5.7E-09	2.7E-07			
Tetrachloroethene	6.6E-19					1.2E-10	4.2E-09	1.5E-11	1.4E-09			
Toluene	1.6E-15					3.2E-07	1.2E-05	3.9E-08	4.1E-06			
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	1.5E-06	1.1E-08	5.0E-07			
trans-1,3-Dichloropropene						4.2E-11	7.5E-10	5.3E-12	2.5E-10			
Trichloroethene	6.8E-21					4.6E-06	1.3E-10	9.1E-13	4.3E-11			
Trichlorofluoromethane	1.0E-20					8.7E-11	1.6E-09	1.1E-11	5.2E-10			
Vinyl chloride	4.8E-19					5.0E-09	1.2E-07	6.2E-10	4.0E-08			

Table H-11 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			1.2E-05	1.5E-06	
Aldehydes					
Acetaldehyde			2.1E-05	2.6E-06	
Formaldehyde			8.8E-06	1.1E-06	
Propionaldehyde		3.2E-17	2.3E-06	2.8E-07	2.4E-13
CO					
Carbon monoxide			6.4E-04	8.0E-05	
CO2					
Carbon dioxide			2.0E-05	2.5E-06	
Criteria					
Sulfur Dioxide			5.4E-06	6.8E-07	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	1.1E-17	4.2E-17	1.2E-11	1.5E-12	2.1E-18
1,2,3,4,6,7,8-HpCDF	1.1E-17	4.3E-17	1.2E-11	1.5E-12	2.1E-18
1,2,3,4,7,8,9-HpCDF	1.2E-18	4.9E-18	1.6E-12	1.9E-13	2.4E-19
1,2,3,4,7,8-HxCDD	1.2E-18	4.8E-18	1.5E-12	1.8E-13	2.4E-19
1,2,3,4,7,8-HxCDF	9.7E-18	3.8E-17	1.2E-11	1.5E-12	1.9E-18
1,2,3,6,7,8-HxCDD	2.5E-18	9.8E-18	3.1E-12	3.8E-13	4.8E-19
1,2,3,6,7,8-HxCDF	3.2E-18	1.2E-17	3.8E-12	4.8E-13	6.1E-19
1,2,3,7,8,9-HxCDD	3.9E-18	1.5E-17	4.6E-12	5.8E-13	7.6E-19
1,2,3,7,8,9-HxCDF	2.3E-19	8.9E-19	2.9E-13	3.7E-14	4.4E-20

Table H-11 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	1.4E-18	5.4E-18	1.8E-12	2.3E-13	2.7E-19
1,2,3,7,8-PeCDF	1.6E-18	6.4E-18	2.6E-12	3.3E-13	3.1E-19
2,3,4,6,7,8-HxCDF	5.0E-18	2.0E-17	5.9E-12	7.4E-13	9.6E-19
2,3,4,7,8-PeCDF	3.9E-18	1.5E-17	5.9E-12	7.4E-13	7.5E-19
2,3,7,8-TCDD	2.8E-19	1.1E-18	7.4E-13	9.3E-14	3.8E-17
2,3,7,8-TCDF	5.1E-19	2.0E-18	2.7E-12	3.4E-13	9.9E-20
OCDD	7.3E-18	2.9E-17	8.0E-12	1.0E-12	1.4E-18
OCDF	2.8E-18	1.1E-17	3.0E-12	3.8E-13	5.4E-19
HCN					
Hydrogen cyanide			2.3E-06	2.8E-07	
Metals					
Aluminum		1.3E-04			6.6E-06
Antimony		6.1E-09	1.5E-07	1.9E-08	3.0E-10
Arsenic	2.8E-09	6.6E-09	8.5E-09	1.1E-09	5.4E-10
Barium		2.5E-11	1.8E-06	2.2E-07	1.2E-12
Beryllium		1.5E-17	6.1E-10	7.7E-11	7.3E-19
Cadmium		1.2E-17	1.1E-08	1.4E-09	5.7E-19
Chromium		7.6E-13	9.2E-08	1.2E-08	3.7E-14
Cobalt		2.6E-07	1.4E-07	1.8E-08	1.3E-08
Copper		2.8E-12	2.5E-07	3.2E-08	1.4E-13
Iron		2.5E-04			1.2E-05
Lead		1.2E-06	8.5E-08	1.1E-08	6.0E-08

Table H-11 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		1.1E-14	7.8E-08	9.7E-09	5.6E-16
Mercury (+2)		2.4E-16	3.4E-10	4.2E-11	1.2E-17
Mercury, elemental		3.2E-10	1.4E-12	1.8E-13	6.2E-07
Methyl Mercury		1.5E-17			7.1E-19
Nickel		5.7E-06	5.0E-08	6.2E-09	2.8E-07
Phosphorus		1.1E-16	3.8E-07	4.7E-08	1.0E-12
Selenium		5.8E-19	2.5E-09	3.1E-10	2.8E-20
Silver		9.3E-15	1.6E-09	2.0E-10	4.5E-16
Titanium		1.1E-16	8.7E-10	1.1E-10	5.6E-18
Zinc		2.6E-15	2.0E-06	2.4E-07	1.3E-16
NOx					
NOx (Oxides of Nitrogen)			2.2E-05	2.8E-06	
PAHs					
1-Methylnaphthalene	3.4E-18	3.1E-18	4.7E-07	5.9E-08	3.5E-15
1-Methylphenanthrene		2.1E-15	5.6E-08	7.0E-09	1.0E-16
2,3,5-Trimethylnaphthalene		9.7E-16	2.8E-08	3.5E-09	4.7E-17
2,6-Dimethylnaphthalene		2.6E-15	7.4E-08	9.2E-09	1.3E-16
2-Methylnaphthalene	3.3E-18	3.0E-18	4.6E-07	5.7E-08	3.4E-15
Acenaphthylene		8.5E-15	2.7E-07	3.4E-08	4.2E-16
Acenaphthene			4.9E-08	6.2E-09	
Anthracene			8.7E-08	1.1E-08	
Benzo(a)anthracene	1.3E-07	1.2E-07	4.3E-08	5.3E-09	1.8E-06

Table H-11 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)pyrene	1.1E-07	9.8E-08	1.7E-08	2.1E-09	4.8E-09
Benzo(b)fluoranthene	1.7E-07	1.6E-07	1.9E-08	2.3E-09	7.8E-09
Benzo(e)pyrene		4.9E-16	1.4E-08	1.8E-09	2.4E-17
Benzo(g,h,i)perylene		3.6E-16	1.1E-08	1.4E-09	1.8E-17
Benzo(k)fluoranthene	9.4E-08	8.6E-08	1.7E-10	2.1E-11	4.2E-09
Biphenyl		4.8E-17	1.6E-06	2.0E-07	2.8E-14
Chrysene	1.3E-07	1.2E-07	7.3E-08	9.1E-09	6.0E-09
Dibenze(a,h)anthracene	2.1E-08	1.9E-08	2.7E-09	3.3E-10	9.3E-10
Fluoranthene	8.6E-16	7.8E-16	1.1E-07	1.3E-08	3.8E-17
Fluorene			2.7E-07	3.3E-08	
Indeno(1,2,3-cd)pyrene	2.8E-08	2.5E-08	8.8E-09	1.1E-09	1.2E-09
Napthalene	2.7E-09	2.4E-09	2.1E-06	2.7E-07	3.5E-06
Perylene		1.9E-16	6.6E-09	8.2E-10	9.2E-18
Phenanthrene			5.0E-07	6.3E-08	
Pyrene	2.4E-15	2.2E-15	1.0E-07	1.3E-08	6.0E-14
Particulate					
Particulate Total Suspended Particulate		4.3E-11	3.3E-04	4.2E-05	2.1E-12
PM<10		5.5E-11	4.4E-04	5.5E-05	2.7E-12
PM<2.5		4.5E-11	3.8E-04	4.7E-05	2.2E-12
PCBs					
Dichlorobiphenyl	5.1E-18	4.3E-18	1.3E-09	1.7E-10	4.0E-16
Heptachlorobiphenyl	5.8E-19	4.9E-19	1.8E-11	2.3E-12	2.5E-17

Table H-11 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Hexachlorobiphenyl	2.6E-18	2.2E-18	7.6E-11	9.5E-12	1.1E-16
Monochlorobiphenyl	3.5E-17	3.0E-17	9.2E-09	1.2E-09	2.8E-15
Nonachlorobiphenyl	1.0E-19	8.6E-20	2.6E-12	3.2E-13	4.4E-18
Octachlorobiphenyl	1.9E-19	1.6E-19	5.5E-12	6.9E-13	8.1E-18
Pentachlorobiphenyl	9.4E-18	7.9E-18	2.6E-10	3.3E-11	4.0E-16
Tetrachlorobiphenyl	1.9E-18	1.6E-18	4.3E-10	5.4E-11	1.5E-16
Trichlorobiphenyl	2.3E-18	2.0E-18	5.5E-10	6.8E-11	1.8E-16
Pesticides					
DDE		9.2E-09			2.9E-07
Dieldrin	8.8E-10	1.0E-09			5.1E-11
SVOCs					
1,2,4-trichlorobenzene			3.9E-09	4.8E-10	
1,2-dichlorobenzene			1.6E-09	1.9E-10	
1,3-Butadiene			3.9E-04		
1,3-dichlorobenzene			2.3E-09	2.9E-10	
1,4-dichlorobenzene			2.2E-08	2.7E-09	
2,4-Dimethylphenol			3.4E-07	4.2E-08	
2-Chlorophenol			6.8E-08	8.5E-09	
2-Methylphenol			8.0E-07	9.9E-08	
2-Nitrophenol			1.1E-07	1.3E-08	
3-Methylphenol & 4-Methylphenol		5.3E-14	1.4E-06	1.8E-07	2.6E-15
4-Nitrophenol			1.8E-07	2.2E-08	

Table H-11 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			1.7E-06	2.1E-07	
Benzoic acid			7.7E-06	9.6E-07	
Benzyl alcohol			6.4E-08	8.0E-09	
bis(2-Ethylhexyl) phthalate	9.6E-14	1.1E-13	2.7E-06	3.4E-07	5.5E-15
Butyl benzyl phthalate	4.6E-17	5.5E-17	8.5E-08	1.1E-08	2.7E-18
Carbazole		2.0E-16	2.4E-09	3.0E-10	9.8E-18
Dibenzofuran	2.1E-18	8.1E-18	1.4E-07	1.7E-08	3.5E-15
Dimethyl phthalate			4.8E-09	5.9E-10	
Di-n-butyl phthalate	4.6E-17	5.5E-17	1.3E-07	1.6E-08	2.7E-18
Di-n-octyl phthalate	1.3E-16	1.6E-16	9.2E-09	1.1E-09	7.8E-18
Hexachlorobutadiene			6.3E-07	7.9E-08	
Isopropanol			4.6E-02		
Phenol			4.3E-06	5.4E-07	
Pyridine			4.1E-07	5.1E-08	
TRS					
Total Reduced Sulfur			4.2E-06	5.2E-07	
VOCs					
1,1,1,2-Tetrachloroethane			1.9E-09	2.4E-10	
1,1,1-Trichloroethane			1.9E-09	2.4E-10	
1,1-Dichloroethene			3.7E-10	4.6E-11	
1,2,3-Trichlorobenzene			7.6E-09	9.5E-10	
1,2,3-Trichloropropane			1.5E-09	1.9E-10	

Table H-11 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			8.9E-08	1.1E-08	
1,2-Dibromoethane			9.9E-10	1.2E-10	
1,2-Dichloroethane			4.0E-08	1.4E-05	
1,3,5-Trimethylbenzene			8.4E-08	1.0E-08	
1,3-Dichloropropane			9.6E-10	1.2E-10	
2-Butanone			4.7E-07	5.9E-08	
2-Chlorotoluene			2.1E-08	2.6E-09	
2-Hexanone			9.7E-08	1.2E-08	
Benzene			1.6E-03	1.4E-04	
Bromobenzene			5.3E-07	6.6E-08	
Bromochloromethane			1.3E-09	1.6E-10	
Bromodichloromethane			1.4E-09	1.7E-10	
Bromomethane			5.4E-08	6.8E-09	
Carbon disulfide			4.8E-08	6.0E-09	
Carbon tetrachloride			2.0E-03	2.2E-04	
Chlorobenzene			6.9E-08	8.6E-09	
Chlorodibromomethane			3.4E-08	4.2E-09	
Chloroethane			1.3E-07	1.6E-08	
Chloroform			4.6E-04	3.4E-05	
Chloromethane			4.4E-07	5.5E-08	
cis-1,2-Dichloroethene			5.7E-08	7.1E-09	
cis-1,3-Dichloropropene			3.5E-10	4.3E-11	

Table H-11 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			2.9E-09	3.6E-10	
Dichlorodifluoromethane			3.6E-09	4.4E-10	
Ethylbenzene			7.5E-04	3.5E-07	
Isopropylbenzene			2.3E-07	2.8E-08	
m&p-Xylene			5.2E-07	6.5E-08	
Methyl Isobutyl Ketone (4-methyl-2-penta			5.1E-09	6.4E-10	
Methylene chloride			2.6E-07	3.2E-08	
n-Butylbenzene			1.1E-07	1.4E-08	
n-Propylbenzene			1.3E-07	1.7E-08	
o-Xylene			3.3E-07	4.1E-08	
p-Chlorotoluene			7.9E-09	9.9E-10	
p-Isopropyltoluene			5.5E-08	6.9E-09	
sec-Butylbenzene			2.0E-08	2.5E-09	
Styrene			7.3E-06	9.1E-07	
tert-Butylbenzene			6.5E-07	8.2E-08	
Tetrachloroethene			1.7E-09	2.2E-10	
Toluene			4.5E-06	5.6E-07	
trans-1,2-Dichloroethene			1.2E-06	1.5E-07	
trans-1,3-Dichloropropene			6.0E-10	7.5E-11	
Trichloroethene			5.2E-04	1.3E-11	
Trichlorofluoromethane			1.2E-09	1.6E-10	
Vinyl chloride			4.2E-05	8.8E-09	

Table H-12 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			8.4E-07	1.0E-07	
Aldehydes					
Acetaldehyde			1.4E-06	1.8E-07	
Formaldehyde			6.2E-07	7.7E-08	
Propionaldehyde		2.2E-15	1.6E-07	2.0E-08	1.7E-14
CO					
Carbon monoxide			4.5E-05	5.6E-06	
CO2					
Carbon dioxide			1.4E-06	1.8E-07	
Criteria					
Sulfur Dioxide			3.8E-07	4.7E-08	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	1.4E-15	5.5E-15	8.5E-13	1.1E-13	2.7E-19
1,2,3,4,6,7,8-HpCDF	1.4E-15	5.5E-15	8.6E-13	1.1E-13	2.7E-19
1,2,3,4,7,8,9-HpCDF	1.6E-16	6.4E-16	1.1E-13	1.4E-14	3.1E-20
1,2,3,4,7,8-HxCDD	1.6E-16	6.2E-16	1.0E-13	1.3E-14	3.1E-20
1,2,3,4,7,8-HxCDF	1.3E-15	4.9E-15	8.3E-13	1.0E-13	2.4E-19
1,2,3,6,7,8-HxCDD	3.2E-16	1.3E-15	2.1E-13	2.7E-14	6.2E-20
1,2,3,6,7,8-HxCDF	4.1E-16	1.6E-15	2.7E-13	3.4E-14	7.9E-20
1,2,3,7,8,9-HxCDD	5.1E-16	2.0E-15	3.2E-13	4.1E-14	9.8E-20
1,2,3,7,8,9-HxCDF	2.9E-17	1.2E-16	2.1E-14	2.6E-15	5.7E-21

Table H-12 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	1.8E-16	7.0E-16	1.3E-13	1.6E-14	3.5E-20
1,2,3,7,8-PeCDF	2.1E-16	8.3E-16	1.8E-13	2.3E-14	4.0E-20
2,3,4,6,7,8-HxCDF	6.4E-16	2.5E-15	4.2E-13	5.2E-14	1.2E-19
2,3,4,7,8-PeCDF	5.0E-16	2.0E-15	4.1E-13	5.2E-14	9.7E-20
2,3,7,8-TCDD	3.6E-17	1.4E-16	5.2E-14	6.5E-15	4.9E-18
2,3,7,8-TCDF	6.6E-17	2.6E-16	1.9E-13	2.4E-14	1.3E-20
OCDD	9.4E-16	3.7E-15	5.6E-13	7.0E-14	1.8E-19
OCDF	3.6E-16	1.4E-15	2.1E-13	2.6E-14	7.0E-20
HCN					
Hydrogen cyanide			1.6E-07	2.0E-08	
Metals					
Aluminum		9.4E-03			4.6E-07
Antimony		4.3E-07	1.0E-08	1.3E-09	2.1E-11
Arsenic	2.0E-07	4.6E-07	5.9E-10	7.4E-11	3.8E-11
Barium		3.1E-09	1.3E-07	1.6E-08	1.5E-13
Beryllium		1.0E-15	4.3E-11	5.4E-12	5.1E-20
Cadmium		8.2E-16	7.6E-10	9.5E-11	4.0E-20
Chromium		8.3E-11	6.5E-09	8.1E-10	4.1E-15
Cobalt		1.8E-05	9.8E-09	1.2E-09	8.8E-10
Copper		3.4E-10	1.8E-08	2.2E-09	1.6E-14
Iron		1.7E-02			8.4E-07
Lead		8.6E-05	6.0E-09	7.5E-10	4.2E-09

Table H-12 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		8.0E-13	5.5E-09	6.8E-10	3.9E-17
Mercury (+2)		3.4E-14	2.4E-11	2.9E-12	1.7E-18
Mercury, elemental		2.3E-08	9.8E-14	1.2E-14	4.3E-08
Methyl Mercury		2.0E-15			1.0E-19
Nickel		4.0E-04	3.5E-09	4.3E-10	2.0E-08
Phosphorus		7.5E-15	2.6E-08	3.3E-09	7.2E-14
Selenium		4.0E-17	1.7E-10	2.2E-11	2.0E-21
Silver		8.4E-13	1.1E-10	1.4E-11	4.1E-17
Titanium		8.0E-15	6.1E-11	7.6E-12	3.9E-19
Zinc		1.8E-13	1.4E-07	1.7E-08	9.0E-18
NOx					
NOx (Oxides of Nitrogen)			1.6E-06	2.0E-07	
PAHs					
1-Methylnaphthalene	2.4E-16	2.2E-16	3.3E-08	4.1E-09	2.5E-16
1-Methylphenanthrene		1.5E-13	3.9E-09	4.9E-10	7.1E-18
2,3,5-Trimethylnaphthalene		6.8E-14	1.9E-09	2.4E-10	3.3E-18
2,6-Dimethylnaphthalene		1.9E-13	5.1E-09	6.4E-10	9.1E-18
2-Methylnaphthalene	2.3E-16	2.1E-16	3.2E-08	4.0E-09	2.4E-16
Acenaphthylene		6.0E-13	1.9E-08	2.4E-09	2.9E-17
Acenaphthene			3.5E-09	4.3E-10	
Anthracene			6.1E-09	7.6E-10	
Benzo(a)anthracene	9.0E-06	8.1E-06	3.0E-09	3.7E-10	1.2E-07

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Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)pyrene	7.5E-06	6.8E-06	1.2E-09	1.5E-10	3.4E-10
Benzo(b)fluoranthene	1.2E-05	1.1E-05	1.3E-09	1.6E-10	5.5E-10
Benzo(e)pyrene		3.4E-14	1.0E-09	1.3E-10	1.7E-18
Benzo(g,h,i)perylene		2.5E-14	7.7E-10	9.6E-11	1.2E-18
Benzo(k)fluoranthene	6.6E-06	6.0E-06	1.2E-11	1.5E-12	2.9E-10
Biphenyl		3.3E-15	1.1E-07	1.4E-08	2.0E-15
Chrysene	9.4E-06	8.6E-06	5.1E-09	6.4E-10	4.2E-10
Dibenze(a,h)anthracene	1.5E-06	1.3E-06	1.9E-10	2.3E-11	6.5E-11
Fluoranthene	6.7E-14	6.1E-14	7.5E-09	9.4E-10	3.0E-18
Fluorene			1.9E-08	2.3E-09	
Indeno(1,2,3-cd)pyrene	1.9E-06	1.8E-06	6.2E-10	7.7E-11	8.6E-11
Napthalene	1.9E-07	1.7E-07	1.5E-07	1.9E-08	2.5E-07
Perylene		1.3E-14	4.6E-10	5.8E-11	6.5E-19
Phenanthrene			3.5E-08	4.4E-09	
Pyrene	2.5E-13	2.3E-13	7.3E-09	9.1E-10	6.4E-15
Particulate					
Particulate Total Suspended Particulate		3.0E-09	2.3E-05	2.9E-06	1.5E-13
PM<10		3.8E-09	3.1E-05	3.9E-06	1.9E-13
PM<2.5		3.2E-09	2.6E-05	3.3E-06	1.6E-13
PCBs					
Dichlorobiphenyl	6.5E-16	5.5E-16	9.3E-11	1.2E-11	5.1E-17
Heptachlorobiphenyl	7.5E-17	6.3E-17	1.3E-12	1.6E-13	3.2E-18

Table H-12 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Hexachlorobiphenyl	3.4E-16	2.9E-16	5.3E-12	6.7E-13	1.5E-17
Monochlorobiphenyl	4.5E-15	3.8E-15	6.5E-10	8.1E-11	3.5E-16
Nonachlorobiphenyl	1.3E-17	1.1E-17	1.8E-13	2.2E-14	5.7E-19
Octachlorobiphenyl	2.4E-17	2.0E-17	3.9E-13	4.9E-14	1.0E-18
Pentachlorobiphenyl	1.2E-15	1.0E-15	1.8E-11	2.3E-12	5.2E-17
Tetrachlorobiphenyl	2.5E-16	2.1E-16	3.0E-11	3.8E-12	2.0E-17
Trichlorobiphenyl	3.0E-16	2.5E-16	3.8E-11	4.8E-12	2.3E-17
Pesticides					
DDE		6.4E-07			2.0E-08
Dieldrin	6.2E-08	7.3E-08			3.6E-12
SVOCs					
1,2,4-trichlorobenzene			2.7E-10	3.4E-11	
1,2-dichlorobenzene			1.1E-10	1.4E-11	
1,3-Butadiene			2.7E-05		
1,3-dichlorobenzene			1.6E-10	2.0E-11	
1,4-dichlorobenzene			1.5E-09	1.9E-10	
2,4-Dimethylphenol			2.4E-08	3.0E-09	
2-Chlorophenol			4.7E-09	5.9E-10	
2-Methylphenol			5.6E-08	7.0E-09	
2-Nitrophenol			7.6E-09	9.4E-10	
3-Methylphenol & 4-Methylphenol		3.7E-12	1.0E-07	1.3E-08	1.8E-16
4-Nitrophenol			1.3E-08	1.6E-09	

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Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			1.2E-07	1.5E-08	
Benzoic acid			5.4E-07	6.7E-08	
Benzyl alcohol			4.5E-09	5.6E-10	
bis(2-Ethylhexyl) phthalate	6.7E-12	8.0E-12	1.9E-07	2.4E-08	3.9E-16
Butyl benzyl phthalate	3.3E-15	3.8E-15	6.0E-09	7.5E-10	1.9E-19
Carbazole		1.4E-14	1.7E-10	2.1E-11	6.9E-19
Dibenzofuran	1.4E-16	5.7E-16	9.5E-09	1.2E-09	2.4E-16
Dimethyl phthalate			3.3E-10	4.2E-11	
Di-n-butyl phthalate	3.3E-15	3.9E-15	9.2E-09	1.1E-09	1.9E-19
Di-n-octyl phthalate	9.4E-15	1.1E-14	6.4E-10	8.0E-11	5.5E-19
Hexachlorobutadiene			4.4E-08	5.5E-09	
Isopropanol			3.2E-03		
Phenol			3.0E-07	3.8E-08	
Pyridine			2.9E-08	3.6E-09	
TRS					
Total Reduced Sulfur			2.9E-07	3.6E-08	
VOCs					
1,1,1,2-Tetrachloroethane			1.3E-10	1.7E-11	
1,1,1-Trichloroethane			1.3E-10	1.7E-11	
1,1-Dichloroethene			2.6E-11	3.2E-12	
1,2,3-Trichlorobenzene			5.3E-10	6.7E-11	
1,2,3-Trichloropropane			1.1E-10	1.4E-11	

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ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			6.2E-09	7.8E-10	
1,2-Dibromoethane			6.9E-11	8.6E-12	
1,2-Dichloroethane			2.8E-09	1.0E-06	
1,3,5-Trimethylbenzene			5.9E-09	7.3E-10	
1,3-Dichloropropane			6.7E-11	8.4E-12	
2-Butanone			3.3E-08	4.1E-09	
2-Chlorotoluene			1.5E-09	1.8E-10	
2-Hexanone			6.8E-09	8.4E-10	
Benzene			1.1E-04	9.7E-06	
Bromobenzene			3.7E-08	4.7E-09	
Bromochloromethane			8.8E-11	1.1E-11	
Bromodichloromethane			9.5E-11	1.2E-11	
Bromomethane			3.8E-09	4.8E-10	
Carbon disulfide			3.3E-09	4.2E-10	
Carbon tetrachloride			1.4E-04	1.5E-05	
Chlorobenzene			4.8E-09	6.0E-10	
Chlorodibromomethane			2.4E-09	3.0E-10	
Chloroethane			9.1E-09	1.1E-09	
Chloroform			3.2E-05	2.4E-06	
Chloromethane			3.1E-08	3.9E-09	
cis-1,2-Dichloroethene			4.0E-09	5.0E-10	
cis-1,3-Dichloropropene			2.4E-11	3.0E-12	

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ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			2.0E-10	2.5E-11	
Dichlorodifluoromethane			2.5E-10	3.1E-11	
Ethylbenzene			5.3E-05	2.4E-08	
Isopropylbenzene			1.6E-08	2.0E-09	
m&p-Xylene			3.6E-08	4.6E-09	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.6E-10	4.5E-11	
Methylene chloride			1.8E-08	2.3E-09	
n-Butylbenzene			7.8E-09	9.7E-10	
n-Propylbenzene			9.4E-09	1.2E-09	
o-Xylene			2.3E-08	2.9E-09	
p-Chlorotoluene			5.5E-10	6.9E-11	
p-Isopropyltoluene			3.8E-09	4.8E-10	
sec-Butylbenzene			1.4E-09	1.8E-10	
Styrene			5.1E-07	6.4E-08	
tert-Butylbenzene			4.6E-08	5.7E-09	
Tetrachloroethene			1.2E-10	1.5E-11	
Toluene			3.2E-07	3.9E-08	
trans-1,2-Dichloroethene			8.4E-08	1.1E-08	
trans-1,3-Dichloropropene			4.2E-11	5.3E-12	
Trichloroethene			3.7E-05	9.1E-13	
Trichlorofluoromethane			8.7E-11	1.1E-11	
Vinyl chloride			3.0E-06	6.2E-10	

Table H-13 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						1.2E-05	2.8E-05	1.5E-06	1.5E-06		
Aldehydes											
Acetaldehyde	1.3E-15					2.1E-05	4.8E-05	2.6E-06	2.6E-06		
Formaldehyde	6.5E-15					8.8E-06	2.0E-05	1.1E-06	1.1E-06		
Propionaldehyde				3.2E-17	9.0E-17	2.3E-06	5.2E-06	2.8E-07	2.8E-07	2.4E-13	1.5E-12
CO											
Carbon monoxide						6.4E-04	1.5E-03	8.0E-05	8.0E-05		
CO2											
Carbon dioxide						2.0E-05	4.6E-05	2.5E-06	2.5E-06		
Criteria											
Sulfur Dioxide						5.4E-06	1.2E-05	6.8E-07	6.8E-07		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-20	1.1E-17	1.5E-17	4.2E-17	1.2E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	2.1E-18	1.3E-17
1,2,3,4,6,7,8-HpCDF	1.3E-20	1.1E-17	1.5E-17	4.3E-17	1.2E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	2.1E-18	1.3E-17
1,2,3,4,7,8,9-HpCDF	2.1E-21	1.2E-18	1.7E-18	4.9E-18	1.4E-17	1.6E-12	3.6E-12	1.9E-13	1.9E-13	2.4E-19	1.5E-18
1,2,3,4,7,8-HxCDD	1.6E-20	1.2E-18	1.7E-18	4.8E-18	1.3E-17	1.5E-12	3.3E-12	1.8E-13	1.8E-13	2.4E-19	1.5E-18
1,2,3,4,7,8-HxCDF	1.1E-19	9.7E-18	1.4E-17	3.8E-17	1.1E-16	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.9E-18	1.2E-17
1,2,3,6,7,8-HxCDD	3.1E-20	2.5E-18	3.5E-18	9.8E-18	2.7E-17	3.1E-12	7.1E-12	3.8E-13	3.8E-13	4.8E-19	3.0E-18
1,2,3,6,7,8-HxCDF	4.0E-20	3.2E-18	4.4E-18	1.2E-17	3.5E-17	3.8E-12	8.8E-12	4.8E-13	4.8E-13	6.1E-19	3.8E-18
1,2,3,7,8,9-HxCDD	4.3E-20	3.9E-18	5.5E-18	1.5E-17	4.3E-17	4.6E-12	1.1E-11	5.8E-13	5.8E-13	7.6E-19	4.7E-18
1,2,3,7,8,9-HxCDF	3.4E-21	2.3E-19	3.2E-19	8.9E-19	2.5E-18	2.9E-13	6.8E-13	3.7E-14	3.7E-14	4.4E-20	2.7E-19
1,2,3,7,8-PeCDD	9.8E-20	1.4E-18	1.9E-18	5.4E-18	1.5E-17	1.8E-12	4.3E-12	2.3E-13	2.3E-13	2.7E-19	1.6E-18
1,2,3,7,8-PeCDF	1.4E-19	1.6E-18	2.3E-18	6.4E-18	1.8E-17	2.6E-12	6.1E-12	3.3E-13	3.3E-13	3.1E-19	1.9E-18

Table H-13 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.8E-20	5.0E-18	6.9E-18	2.0E-17	5.5E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	9.6E-19	5.9E-18
2,3,4,7,8-PeCDF	2.1E-19	3.9E-18	5.4E-18	1.5E-17	4.3E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	7.5E-19	4.6E-18
2,3,7,8-TCDD	3.4E-20	2.8E-19	4.0E-19	1.1E-18	3.1E-18	7.4E-13	1.7E-12	9.3E-14	9.3E-14	3.8E-17	2.3E-16
2,3,7,8-TCDF	1.1E-19	5.1E-19	7.2E-19	2.0E-18	5.7E-18	2.7E-12	6.3E-12	3.4E-13	3.4E-13	9.9E-20	6.1E-19
OCDD	1.7E-22	7.3E-18	1.0E-17	2.9E-17	8.0E-17	8.0E-12	1.9E-11	1.0E-12	1.0E-12	1.4E-18	8.6E-18
OCDF	6.5E-23	2.8E-18	3.9E-18	1.1E-17	3.1E-17	3.0E-12	7.0E-12	3.8E-13	3.8E-13	5.4E-19	3.3E-18
HCN											
Hydrogen cyanide						2.3E-06	5.2E-06	2.8E-07	2.8E-07		
Metals											
Aluminum				1.3E-04	2.8E-04					6.6E-06	3.0E-05
Antimony	2.2E-19			6.1E-09	2.1E-08	1.5E-07	3.4E-07	1.9E-08	1.9E-08	3.0E-10	2.2E-09
Arsenic	1.2E-17	2.8E-09	3.3E-09	6.6E-09	1.6E-08	8.5E-09	2.0E-08	1.1E-09	1.1E-09	5.4E-10	2.8E-09
Barium	2.6E-14			2.5E-11	7.1E-11	1.8E-06	4.2E-06	2.2E-07	2.2E-07	1.2E-12	7.7E-12
Beryllium	4.7E-19			1.5E-17	4.2E-17	6.1E-10	1.4E-09	7.7E-11	7.7E-11	7.3E-19	4.5E-18
Cadmium	1.2E-16			1.2E-17	3.3E-17	1.1E-08	2.5E-08	1.4E-09	1.4E-09	5.7E-19	3.5E-18
Chromium	3.1E-17			7.6E-13	2.1E-12	9.2E-08	2.1E-07	1.2E-08	1.2E-08	3.7E-14	2.3E-13
Cobalt				2.6E-07	5.3E-07	1.4E-07	3.2E-07	1.8E-08	1.8E-08	1.3E-08	5.7E-08
Copper				2.8E-12	7.8E-12	2.5E-07	5.9E-07	3.2E-08	3.2E-08	1.4E-13	8.4E-13
Iron				2.5E-04	5.4E-04					1.2E-05	5.8E-05
Lead	9.9E-20			1.2E-06	3.3E-06	8.5E-08	2.0E-07	1.1E-08	1.1E-08	6.0E-08	3.5E-07
Manganese				1.1E-14	3.2E-14	7.8E-08	1.8E-07	9.7E-09	9.7E-09	5.6E-16	3.4E-15
Mercury (+2)				2.4E-16	6.9E-16	3.4E-10	7.8E-10	4.2E-11	4.2E-11	1.2E-17	7.4E-17
Mercury, elemental				3.2E-10	6.3E-10	1.4E-12	3.2E-12	1.8E-13	1.8E-13	6.2E-07	3.8E-06
Methyl Mercury	9.3E-17			1.5E-17	4.1E-17					7.1E-19	4.4E-18

Table H-13 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	4.7E-17			5.7E-06	1.0E-05	5.0E-08	1.1E-07	6.2E-09	6.2E-09	2.8E-07	1.1E-06
Phosphorus				1.1E-16	3.0E-16	3.8E-07	8.7E-07	4.7E-08	4.7E-08	1.0E-12	6.4E-12
Selenium	3.9E-18			5.8E-19	1.6E-18	2.5E-09	5.8E-09	3.1E-10	3.1E-10	2.8E-20	1.7E-19
Silver	2.7E-18			9.3E-15	2.6E-14	1.6E-09	3.8E-09	2.0E-10	2.0E-10	4.5E-16	2.8E-15
Thallium (Soluble Salts)					2.4E-09						2.6E-10
Titanium				1.1E-16	3.2E-16	8.7E-10	2.0E-09	1.1E-10	1.1E-10	5.6E-18	3.5E-17
Zinc	5.8E-14			2.6E-15	7.4E-15	2.0E-06	4.5E-06	2.4E-07	2.4E-07	1.3E-16	8.0E-16
NOx											
NOx (Oxides of Nitrogen)						2.2E-05	5.2E-05	2.8E-06	2.8E-06		
PAHs											
1-Methylnaphthalene		3.4E-18	4.8E-18	3.1E-18	8.7E-18	4.7E-07	1.1E-06	5.9E-08	5.9E-08	3.5E-15	2.2E-14
1-Methylphenanthrene				2.1E-15	5.8E-15	5.6E-08	1.3E-07	7.0E-09	7.0E-09	1.0E-16	6.2E-16
2,3,5-Trimethylnaphthalene				9.7E-16	2.7E-15	2.8E-08	6.4E-08	3.5E-09	3.5E-09	4.7E-17	2.9E-16
2,6-Dimethylnaphthalene				2.6E-15	7.4E-15	7.4E-08	1.7E-07	9.2E-09	9.2E-09	1.3E-16	8.0E-16
2-Methylnaphthalene		3.3E-18	4.6E-18	3.0E-18	8.4E-18	4.6E-07	1.1E-06	5.7E-08	5.7E-08	3.4E-15	2.1E-14
Acenaphthylene				8.5E-15	2.4E-14	2.7E-07	6.2E-07	3.4E-08	3.4E-08	4.2E-16	2.6E-15
Acenaphthene	4.8E-17					4.9E-08	1.1E-07	6.2E-09	6.2E-09		
Anthracene	6.1E-16					8.7E-08	2.0E-07	1.1E-08	1.1E-08		
Benzo(a)anthracene	8.8E-14	1.3E-07	7.3E-09	1.2E-07	1.3E-08	4.3E-08	9.9E-08	5.3E-09	5.3E-09	1.8E-06	1.1E-05
Benzo(a)pyrene	4.4E-14	1.1E-07	8.0E-09	9.8E-08	1.5E-08	1.7E-08	3.9E-08	2.1E-09	2.1E-09	4.8E-09	1.6E-09
Benzo(b)fluoranthene	1.2E-14	1.7E-07	1.1E-08	1.6E-07	2.0E-08	1.9E-08	4.3E-08	2.3E-09	2.3E-09	7.8E-09	2.2E-09
Benzo(e)pyrene				4.9E-16	1.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	2.4E-17	1.5E-16
Benzo(g,h,i)perylene				3.6E-16	1.0E-15	1.1E-08	2.5E-08	1.4E-09	1.4E-09	1.8E-17	1.1E-16
Benzo(k)fluoranthene	8.8E-17	9.4E-08	5.7E-09	8.6E-08	1.0E-08	1.7E-10	3.8E-10	2.1E-11	2.1E-11	4.2E-09	1.1E-09

Table H-13 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				4.8E-17	1.3E-16	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.8E-14	1.7E-13
Chrysene	1.5E-14	1.3E-07	8.2E-09	1.2E-07	1.5E-08	7.3E-08	1.7E-07	9.1E-09	9.1E-09	6.0E-09	1.6E-09
Dibenze(a,h)anthracene	2.1E-15	2.1E-08	2.0E-09	1.9E-08	3.6E-09	2.7E-09	6.1E-09	3.3E-10	3.3E-10	9.3E-10	3.9E-10
Fluoranthene	4.0E-15	8.6E-16	1.2E-15	7.8E-16	2.2E-15	1.1E-07	2.5E-07	1.3E-08	1.3E-08	3.8E-17	2.4E-16
Fluorene	8.7E-16					2.7E-07	6.2E-07	3.3E-08	3.3E-08		
Indeno(1,2,3-cd)pyrene	5.4E-15	2.8E-08	5.2E-09	2.5E-08	9.5E-09	8.8E-09	2.0E-08	1.1E-09	1.1E-09	1.2E-09	1.0E-09
Napthalene	4.0E-16	2.7E-09		2.4E-09		2.1E-06	4.9E-06	2.7E-07	2.7E-07	3.5E-06	2.2E-05
Perylene				1.9E-16	5.3E-16	6.6E-09	1.5E-08	8.2E-10	8.2E-10	9.2E-18	5.7E-17
Phenanthrene	4.2E-15					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
Pyrene	2.9E-15	2.4E-15	3.3E-15	2.2E-15	6.0E-15	1.0E-07	2.4E-07	1.3E-08	1.3E-08	6.0E-14	3.7E-13
Particulate											
Particulate Total Suspended Particulate				4.3E-11	1.2E-10	3.3E-04	7.7E-04	4.2E-05	4.2E-05	2.1E-12	1.3E-11
PM<10				5.5E-11	1.5E-10	4.4E-04	1.0E-03	5.5E-05	5.5E-05	2.7E-12	1.6E-11
PM<2.5				4.5E-11	1.3E-10	3.8E-04	8.7E-04	4.7E-05	4.7E-05	2.2E-12	1.4E-11
PCBs											
Dichlorobiphenyl	8.7E-17	5.1E-18	7.1E-18	4.3E-18	1.2E-17	1.3E-09	3.1E-09	1.7E-10	1.7E-10	4.0E-16	2.5E-15
Heptachlorobiphenyl	3.3E-18	5.8E-19	8.1E-19	4.9E-19	1.4E-18	1.8E-11	4.2E-11	2.3E-12	2.3E-12	2.5E-17	1.5E-16
Hexachlorobiphenyl	1.3E-17	2.6E-18	3.6E-18	2.2E-18	6.2E-18	7.6E-11	1.8E-10	9.5E-12	9.5E-12	1.1E-16	6.9E-16
Monochlorobiphenyl	6.1E-16	3.5E-17	4.9E-17	3.0E-17	8.3E-17	9.2E-09	2.1E-08	1.2E-09	1.2E-09	2.8E-15	1.7E-14
Nonachlorobiphenyl	4.1E-19	1.0E-19	1.4E-19	8.6E-20	2.4E-19	2.6E-12	5.9E-12	3.2E-13	3.2E-13	4.4E-18	2.7E-17
Octachlorobiphenyl	9.7E-19	1.9E-19	2.6E-19	1.6E-19	4.4E-19	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.1E-18	5.0E-17
Pentachlorobiphenyl	4.4E-17	9.4E-18	1.3E-17	7.9E-18	2.2E-17	2.6E-10	6.0E-10	3.3E-11	3.3E-11	4.0E-16	2.5E-15
Tetrachlorobiphenyl	2.6E-17	1.9E-18	2.7E-18	1.6E-18	4.6E-18	4.3E-10	9.9E-10	5.4E-11	5.4E-11	1.5E-16	9.4E-16
Trichlorobiphenyl	3.4E-17	2.3E-18	3.2E-18	2.0E-18	5.5E-18	5.5E-10	1.3E-09	6.8E-11	6.8E-11	1.8E-16	1.1E-15

Table H-13 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				9.2E-09	3.1E-09					2.9E-07	1.8E-06
Dieldrin		8.8E-10	1.4E-10	1.0E-09	3.4E-10					5.1E-11	3.6E-11
SVOCs											
1,2,4-trichlorobenzene						3.9E-09	8.9E-09	4.8E-10	4.8E-10		
1,2-dichlorobenzene	3.9E-20					1.6E-09	3.6E-09	1.9E-10	1.9E-10		
1,3-Butadiene						3.9E-04					
1,3-dichlorobenzene	9.9E-20					2.3E-09	5.4E-09	2.9E-10	2.9E-10		
1,4-dichlorobenzene	1.3E-18					2.2E-08	5.0E-08	2.7E-09	2.7E-09		
2,4-Dimethylphenol	3.6E-17					3.4E-07	7.8E-07	4.2E-08	4.2E-08		
2-Chlorophenol	1.8E-18					6.8E-08	1.6E-07	8.5E-09	8.5E-09		
2-Methylphenol	7.5E-16					8.0E-07	1.8E-06	9.9E-08	9.9E-08		
2-Nitrophenol	4.6E-18					1.1E-07	2.5E-07	1.3E-08	1.3E-08		
3-Methylphenol & 4-Methylphenol				5.3E-14	1.5E-13	1.4E-06	3.3E-06	1.8E-07	1.8E-07	2.6E-15	1.6E-14
4-Nitrophenol	9.3E-18					1.8E-07	4.1E-07	2.2E-08	2.2E-08		
Acetophenone	5.6E-17					1.7E-06	3.9E-06	2.1E-07	2.1E-07		
Benzoic acid	2.3E-16					7.7E-06	1.8E-05	9.6E-07	9.6E-07		
Benzyl alcohol	1.4E-19					6.4E-08	1.5E-07	8.0E-09	8.0E-09		
bis(2-Ethylhexyl) phthalate	7.0E-15	9.6E-14	1.3E-13	1.1E-13	3.2E-13	2.7E-06	6.3E-06	3.4E-07	3.4E-07	5.5E-15	3.4E-14
Butyl benzyl phthalate	2.5E-15	4.6E-17	6.5E-17	5.5E-17	1.5E-16	8.5E-08	2.0E-07	1.1E-08	1.1E-08	2.7E-18	1.7E-17
Carbazole				2.0E-16	5.6E-16	2.4E-09	5.5E-09	3.0E-10	3.0E-10	9.8E-18	6.0E-17
Dibenzofuran		2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.4E-07	3.1E-07	1.7E-08	1.7E-08	3.5E-15	2.1E-14
Dimethyl phthalate	9.2E-19					4.8E-09	1.1E-08	5.9E-10	5.9E-10		
Di-n-butyl phthalate	2.4E-14	4.6E-17	6.5E-17	5.5E-17	1.5E-16	1.3E-07	3.0E-07	1.6E-08	1.6E-08	2.7E-18	1.7E-17

Table H-13 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.8E-19	1.3E-16	1.9E-16	1.6E-16	4.4E-16	9.2E-09	2.1E-08	1.1E-09	1.1E-09	7.8E-18	4.8E-17
Hexachlorobutadiene	9.6E-17					6.3E-07	1.5E-06	7.9E-08	7.9E-08		
Isopropanol						4.6E-02	3.2E-02				
p-Chloroaniline			4.7E-09		1.1E-08						1.2E-09
Phenol	2.1E-15					4.3E-06	9.9E-06	5.4E-07	5.4E-07		
Pyridine	1.1E-16					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
TRS											
Total Reduced Sulfur						4.2E-06	9.6E-06	5.2E-07	5.2E-07		
VOCs											
1,1,1,2-Tetrachloroethane	3.8E-20					1.9E-09	4.5E-09	2.4E-10	2.4E-10		
1,1,1-Trichloroethane	2.5E-21					1.9E-09	4.4E-09	2.4E-10	2.4E-10		
1,1-Dichloroethene	8.5E-23					3.7E-10	8.6E-10	4.6E-11	4.6E-11		
1,2,3-Trichlorobenzene	2.7E-18					7.6E-09	1.8E-08	9.5E-10	9.5E-10		
1,2,3-Trichloropropane	1.5E-20					1.5E-09	3.6E-09	1.9E-10	1.9E-10		
1,2,4-Trimethylbenzene						8.9E-08	2.1E-07	1.1E-08	1.1E-08		
1,2-Dibromoethane	5.3E-21					9.9E-10	2.3E-09	1.2E-10	1.2E-10		
1,2-Dichloroethane	1.7E-19					4.0E-08	6.3E-04	1.4E-05	1.4E-05		
1,3,5-Trimethylbenzene	8.6E-19					8.4E-08	1.9E-07	1.0E-08	1.0E-08		
1,3-Dichloropropane						9.6E-10	2.2E-09	1.2E-10	1.2E-10		
2-Butanone	3.5E-17					4.7E-07	1.1E-06	5.9E-08	5.9E-08		
2-Chlorotoluene						2.1E-08	4.9E-08	2.6E-09	2.6E-09		
2-Hexanone						9.7E-08	2.2E-07	1.2E-08	1.2E-08		
Benzene	2.8E-17					1.6E-03	3.8E-03	1.4E-04	1.4E-04		
Bromobenzene						5.3E-07	1.2E-06	6.6E-08	6.6E-08		

Table H-13 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Bromochloromethane						1.3E-09	2.9E-09	1.6E-10	1.6E-10		
Bromodichloromethane	4.5E-21					1.4E-09	4.8E-03	1.7E-10	1.7E-10		
Bromoform							2.2E-02				
Bromomethane	1.9E-20					5.4E-08	1.3E-07	6.8E-09	6.8E-09		
Carbon disulfide	1.8E-20					4.8E-08	1.1E-07	6.0E-09	6.0E-09		
Carbon tetrachloride	1.9E-21					2.0E-03	5.6E-03	2.2E-04	2.2E-04		
Chlorobenzene	6.7E-19					6.9E-08	1.6E-07	8.6E-09	8.6E-09		
Chlorodibromomethane	2.6E-19					3.4E-08	7.8E-08	4.2E-09	4.2E-09		
Chloroethane	5.3E-20					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
Chloroform	4.0E-20					4.6E-04	1.1E-02	3.4E-05	3.4E-05		
Chloromethane	1.4E-19					4.4E-07	1.0E-06	5.5E-08	5.5E-08		
cis-1,2-Dichloroethene	5.4E-20					5.7E-08	1.3E-07	7.1E-09	7.1E-09		
cis-1,3-Dichloropropene						3.5E-10	8.0E-10	4.3E-11	4.3E-11		
Dibromomethane	6.0E-21					2.9E-09	6.7E-09	3.6E-10	3.6E-10		
Dichlorodifluoromethane	6.7E-23					3.6E-09	8.2E-09	4.4E-10	4.4E-10		
Ethylbenzene	2.1E-17					7.5E-04	3.2E-03	3.5E-07	3.5E-07		
Isopropylbenzene	2.8E-20					2.3E-07	5.2E-07	2.8E-08	2.8E-08		
m&p-Xylene	3.4E-18					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Methyl Isobutyl Ketone (4-methyl-2-per	3.4E-20					5.1E-09	1.2E-08	6.4E-10	6.4E-10		
Methylene chloride	3.7E-19					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
n-Butylbenzene						1.1E-07	2.6E-07	1.4E-08	1.4E-08		
n-Propylbenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08		
o-Xylene	4.0E-18					3.3E-07	7.6E-07	4.1E-08	4.1E-08		
p-Chlorotoluene						7.9E-09	1.8E-08	9.9E-10	9.9E-10		

Table H-13 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
p-Isopropyltoluene						5.5E-08	1.3E-07	6.9E-09	6.9E-09		
sec-Butylbenzene						2.0E-08	4.7E-08	2.5E-09	2.5E-09		
Styrene	1.3E-16					7.3E-06	1.7E-05	9.1E-07	9.1E-07		
tert-Butylbenzene						6.5E-07	1.5E-06	8.2E-08	8.2E-08		
Tetrachloroethene	9.4E-21					1.7E-09	4.0E-09	2.2E-10	2.2E-10		
Toluene	2.2E-17					4.5E-06	1.0E-05	5.6E-07	5.6E-07		
trans-1,2-Dichloroethene	8.4E-19					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
trans-1,3-Dichloropropene						6.0E-10	1.4E-09	7.5E-11	7.5E-11		
Trichloroethene	9.7E-23					5.2E-04	6.4E-03	1.3E-11	1.3E-11		
Trichlorofluoromethane	1.5E-22					1.2E-09	2.9E-09	1.6E-10	1.6E-10		
Vinyl chloride	6.9E-21					4.2E-05	1.6E-07	8.8E-09	8.8E-09		

Table H-14 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					6.2E-07	1.4E-06	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19

Table H-14 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				9.4E-03	2.0E-02					4.6E-07	2.1E-06
Antimony	1.6E-17			4.3E-07	1.4E-06	1.0E-08	2.4E-08	1.3E-09	1.3E-09	2.1E-11	1.5E-10
Arsenic	8.1E-16	2.0E-07	2.3E-07	4.6E-07	1.1E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	3.8E-11	2.0E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				1.8E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	8.8E-10	4.0E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				1.7E-02	3.7E-02					8.4E-07	4.0E-06
Lead	6.9E-18			8.6E-05	2.3E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	4.2E-09	2.5E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				2.3E-08	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	4.3E-08	2.7E-07
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19

Table H-14 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			4.0E-04	7.1E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.0E-08	7.7E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Thallium (Soluble Salts)					1.7E-07						1.8E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	9.0E-06	5.1E-07	8.1E-06	9.3E-07	3.0E-09	6.9E-09	3.7E-10	3.7E-10	1.2E-07	7.6E-07
Benzo(a)pyrene	3.1E-12	7.5E-06	5.6E-07	6.8E-06	1.0E-06	1.2E-09	2.7E-09	1.5E-10	1.5E-10	3.4E-10	1.1E-10
Benzo(b)fluoranthene	8.3E-13	1.2E-05	7.9E-07	1.1E-05	1.4E-06	1.3E-09	3.0E-09	1.6E-10	1.6E-10	5.5E-10	1.5E-10
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	6.6E-06	4.0E-07	6.0E-06	7.2E-07	1.2E-11	2.7E-11	1.5E-12	1.5E-12	2.9E-10	7.8E-11

Table H-14 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	9.4E-06	5.7E-07	8.6E-06	1.0E-06	5.1E-09	1.2E-08	6.4E-10	6.4E-10	4.2E-10	1.1E-10
Dibenze(a,h)anthracene	1.6E-13	1.5E-06	1.4E-07	1.3E-06	2.5E-07	1.9E-10	4.3E-10	2.3E-11	2.3E-11	6.5E-11	2.7E-11
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.9E-06	3.6E-07	1.8E-06	6.6E-07	6.2E-10	1.4E-09	7.7E-11	7.7E-11	8.6E-11	7.1E-11
Napthalene	2.8E-14	1.9E-07		1.7E-07		1.5E-07	3.4E-07	1.9E-08	1.9E-08	2.5E-07	1.5E-06
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16

Table H-14 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				6.4E-07	2.2E-07					2.0E-08	1.3E-07
Dieldrin		6.2E-08	1.0E-08	7.3E-08	2.4E-08					3.6E-12	2.5E-12
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						2.7E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18

Table H-14 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						3.2E-03	2.3E-03				
p-Chloroaniline			3.3E-07		7.7E-07						8.4E-11
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	4.4E-05	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					1.1E-04	2.7E-04	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		

Table H-14 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	3.4E-04	1.2E-11	1.2E-11		
Bromoform							1.5E-03				
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.4E-04	3.9E-04	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					3.2E-05	7.9E-04	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					5.3E-05	2.2E-04	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		

Table H-14 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					3.7E-05	4.5E-04	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					3.0E-06	1.1E-08	6.2E-10	6.2E-10		

Table H-15 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						1.2E-05	2.8E-05	1.5E-06	1.5E-06		
Aldehydes											
Acetaldehyde	1.3E-15					2.1E-05	4.8E-05	2.6E-06	2.6E-06		
Formaldehyde	6.5E-15					8.8E-06	5.7E-01	1.1E-06	1.1E-06		
Propionaldehyde				3.2E-17	9.0E-17	2.3E-06	5.2E-06	2.8E-07	2.8E-07	2.4E-13	1.5E-12
CO											
Carbon monoxide						6.4E-04	1.5E-03	8.0E-05	8.0E-05		
CO2											
Carbon dioxide						2.0E-05	4.6E-05	2.5E-06	2.5E-06		
Criteria											
Sulfur Dioxide						5.4E-06	1.2E-05	6.8E-07	6.8E-07		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-20	1.1E-17	1.5E-17	4.2E-17	1.2E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	2.1E-18	1.3E-17
1,2,3,4,6,7,8-HpCDF	1.3E-20	1.1E-17	1.5E-17	4.3E-17	1.2E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	2.1E-18	1.3E-17
1,2,3,4,7,8,9-HpCDF	2.1E-21	1.2E-18	1.7E-18	4.9E-18	1.4E-17	1.6E-12	3.6E-12	1.9E-13	1.9E-13	2.4E-19	1.5E-18
1,2,3,4,7,8-HxCDD	1.6E-20	1.2E-18	1.7E-18	4.8E-18	1.3E-17	1.5E-12	3.3E-12	1.8E-13	1.8E-13	2.4E-19	1.5E-18
1,2,3,4,7,8-HxCDF	1.1E-19	9.7E-18	1.4E-17	3.8E-17	1.1E-16	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.9E-18	1.2E-17
1,2,3,6,7,8-HxCDD	3.1E-20	2.5E-18	3.5E-18	9.8E-18	2.7E-17	3.1E-12	7.1E-12	3.8E-13	3.8E-13	4.8E-19	3.0E-18
1,2,3,6,7,8-HxCDF	4.0E-20	3.2E-18	4.4E-18	1.2E-17	3.5E-17	3.8E-12	8.8E-12	4.8E-13	4.8E-13	6.1E-19	3.8E-18
1,2,3,7,8,9-HxCDD	4.3E-20	3.9E-18	5.5E-18	1.5E-17	4.3E-17	4.6E-12	1.1E-11	5.8E-13	5.8E-13	7.6E-19	4.7E-18
1,2,3,7,8,9-HxCDF	3.4E-21	2.3E-19	3.2E-19	8.9E-19	2.5E-18	2.9E-13	6.8E-13	3.7E-14	3.7E-14	4.4E-20	2.7E-19
1,2,3,7,8-PeCDD	9.8E-20	1.4E-18	1.9E-18	5.4E-18	1.5E-17	1.8E-12	4.3E-12	2.3E-13	2.3E-13	2.7E-19	1.6E-18
1,2,3,7,8-PeCDF	1.4E-19	1.6E-18	2.3E-18	6.4E-18	1.8E-17	2.6E-12	6.1E-12	3.3E-13	3.3E-13	3.1E-19	1.9E-18

Table H-15 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.8E-20	5.0E-18	6.9E-18	2.0E-17	5.5E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	9.6E-19	5.9E-18
2,3,4,7,8-PeCDF	2.1E-19	3.9E-18	5.4E-18	1.5E-17	4.3E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	7.5E-19	4.6E-18
2,3,7,8-TCDD	3.4E-20	2.8E-19	4.0E-19	1.1E-18	3.1E-18	7.4E-13	1.7E-12	9.3E-14	9.3E-14	3.8E-17	2.3E-16
2,3,7,8-TCDF	1.1E-19	5.1E-19	7.2E-19	2.0E-18	5.7E-18	2.7E-12	6.3E-12	3.4E-13	3.4E-13	9.9E-20	6.1E-19
OCDD	1.7E-22	7.3E-18	1.0E-17	2.9E-17	8.0E-17	8.0E-12	1.9E-11	1.0E-12	1.0E-12	1.4E-18	8.6E-18
OCDF	6.5E-23	2.8E-18	3.9E-18	1.1E-17	3.1E-17	3.0E-12	7.0E-12	3.8E-13	3.8E-13	5.4E-19	3.3E-18
HCN											
Hydrogen cyanide						2.3E-06	5.2E-06	2.8E-07	2.8E-07		
Metals											
Aluminum				1.3E-04	3.4E-04					6.6E-06	3.7E-05
Antimony	2.2E-19			6.1E-09	6.8E-09	1.5E-07	3.4E-07	1.9E-08	1.9E-08	3.0E-10	7.4E-10
Arsenic	1.2E-17	2.8E-09	6.5E-09	6.6E-09	3.1E-08	8.5E-09	2.0E-08	1.1E-09	1.1E-09	5.4E-10	5.5E-09
Barium	2.6E-14			2.5E-11	7.1E-11	1.8E-06	4.2E-06	2.2E-07	2.2E-07	1.2E-12	7.7E-12
Beryllium	4.7E-19			1.5E-17	4.2E-17	6.1E-10	1.4E-09	7.7E-11	7.7E-11	7.3E-19	4.5E-18
Cadmium	1.2E-16			1.2E-17	3.3E-17	1.1E-08	2.5E-08	1.4E-09	1.4E-09	5.7E-19	3.5E-18
Chromium	3.1E-17			7.6E-13	2.1E-12	9.2E-08	2.1E-07	1.2E-08	1.2E-08	3.7E-14	2.3E-13
Cobalt				2.6E-07	5.3E-07	1.4E-07	3.2E-07	1.8E-08	1.8E-08	1.3E-08	5.7E-08
Copper				2.8E-12	7.8E-12	2.5E-07	5.9E-07	3.2E-08	3.2E-08	1.4E-13	8.4E-13
Iron				2.5E-04	5.7E-04					1.2E-05	6.1E-05
Lead	9.9E-20			1.2E-06	7.5E-07	8.5E-08	2.0E-07	1.1E-08	1.1E-08	6.0E-08	8.1E-08
Manganese				1.1E-14	3.2E-14	7.8E-08	1.8E-07	9.7E-09	9.7E-09	5.6E-16	3.4E-15
Mercury (+2)				2.4E-16	6.9E-16	3.4E-10	7.8E-10	4.2E-11	4.2E-11	1.2E-17	7.4E-17
Mercury, elemental				3.2E-10	3.9E-10	1.4E-12	3.2E-12	1.8E-13	1.8E-13	6.2E-07	3.8E-06
Methyl Mercury	9.3E-17			1.5E-17	4.1E-17					7.1E-19	4.4E-18

Table H-15 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	4.7E-17			5.7E-06	1.1E-05	5.0E-08	1.1E-07	6.2E-09	6.2E-09	2.8E-07	1.2E-06
Phosphorus				1.1E-16	3.0E-16	3.8E-07	8.7E-07	4.7E-08	4.7E-08	1.0E-12	6.4E-12
Selenium	3.9E-18			5.8E-19	1.6E-18	2.5E-09	5.8E-09	3.1E-10	3.1E-10	2.8E-20	1.7E-19
Silver	2.7E-18			9.3E-15	2.6E-14	1.6E-09	3.8E-09	2.0E-10	2.0E-10	4.5E-16	2.8E-15
Thallium (Soluble Salts)					2.1E-09						2.2E-10
Titanium				1.1E-16	3.2E-16	8.7E-10	2.0E-09	1.1E-10	1.1E-10	5.6E-18	3.5E-17
Zinc	5.8E-14			2.6E-15	7.4E-15	2.0E-06	4.5E-06	2.4E-07	2.4E-07	1.3E-16	8.0E-16
NOx											
NOx (Oxides of Nitrogen)						2.2E-05	5.2E-05	2.8E-06	2.8E-06		
PAHs											
1-Methylnaphthalene		3.4E-18	4.8E-18	3.1E-18	8.7E-18	4.7E-07	1.1E-06	5.9E-08	5.9E-08	3.5E-15	2.2E-14
1-Methylphenanthrene				2.1E-15	5.8E-15	5.6E-08	1.3E-07	7.0E-09	7.0E-09	1.0E-16	6.2E-16
2,3,5-Trimethylnaphthalene				9.7E-16	2.7E-15	2.8E-08	6.4E-08	3.5E-09	3.5E-09	4.7E-17	2.9E-16
2,6-Dimethylnaphthalene				2.6E-15	7.4E-15	7.4E-08	1.7E-07	9.2E-09	9.2E-09	1.3E-16	8.0E-16
2-Methylnaphthalene		3.3E-18	4.6E-18	3.0E-18	8.4E-18	4.6E-07	1.1E-06	5.7E-08	5.7E-08	3.4E-15	2.1E-14
Acenaphthylene				8.5E-15	2.4E-14	2.7E-07	6.2E-07	3.4E-08	3.4E-08	4.2E-16	2.6E-15
Acenaphthene	4.8E-17					4.9E-08	1.1E-07	6.2E-09	6.2E-09		
Anthracene	6.1E-16					8.7E-08	2.0E-07	1.1E-08	1.1E-08		
Benzo(a)anthracene	8.8E-14	1.3E-07	3.3E-14	1.2E-07	6.0E-14	4.3E-08	9.9E-08	5.3E-09	5.3E-09	1.8E-06	1.1E-05
Benzo(a)pyrene	4.4E-14	1.1E-07	1.5E-14	9.8E-08	2.8E-14	1.7E-08	3.9E-08	2.1E-09	2.1E-09	4.8E-09	3.0E-15
Benzo(b)fluoranthene	1.2E-14	1.7E-07	8.8E-16	1.6E-07	1.6E-15	1.9E-08	4.3E-08	2.3E-09	2.3E-09	7.8E-09	1.7E-16
Benzo(e)pyrene				4.9E-16	1.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	2.4E-17	1.5E-16
Benzo(g,h,i)perylene				3.6E-16	1.0E-15	1.1E-08	2.5E-08	1.4E-09	1.4E-09	1.8E-17	1.1E-16
Benzo(k)fluoranthene	8.8E-17	9.4E-08	9.0E-16	8.6E-08	1.6E-15	1.7E-10	3.8E-10	2.1E-11	2.1E-11	4.2E-09	1.8E-16

Table H-15 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				4.8E-17	1.3E-16	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.8E-14	1.7E-13
Chrysene	1.5E-14	1.3E-07	4.1E-14	1.2E-07	7.5E-14	7.3E-08	1.7E-07	9.1E-09	9.1E-09	6.0E-09	8.1E-15
Dibenze(a,h)anthracene	2.1E-15	2.1E-08	5.3E-15	1.9E-08	9.6E-15	2.7E-09	6.1E-09	3.3E-10	3.3E-10	9.3E-10	1.0E-15
Fluoranthene	4.0E-15	8.6E-16	1.2E-15	7.8E-16	2.2E-15	1.1E-07	2.5E-07	1.3E-08	1.3E-08	3.8E-17	2.4E-16
Fluorene	8.7E-16					2.7E-07	6.2E-07	3.3E-08	3.3E-08		
Indeno(1,2,3-cd)pyrene	5.4E-15	2.8E-08	1.5E-14	2.5E-08	2.7E-14	8.8E-09	2.0E-08	1.1E-09	1.1E-09	1.2E-09	3.0E-15
Napthalene	4.0E-16	2.7E-09		2.4E-09		2.1E-06	4.9E-06	2.7E-07	2.7E-07	3.5E-06	2.2E-05
Perylene				1.9E-16	5.3E-16	6.6E-09	1.5E-08	8.2E-10	8.2E-10	9.2E-18	5.7E-17
Phenanthrene	4.2E-15					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
Pyrene	2.9E-15	2.4E-15	3.3E-15	2.2E-15	6.0E-15	1.0E-07	2.4E-07	1.3E-08	1.3E-08	6.0E-14	3.7E-13
Particulate											
Particulate Total Suspended Particulate				4.3E-11	1.2E-10	3.3E-04	7.7E-04	4.2E-05	4.2E-05	2.1E-12	1.3E-11
PM<10				5.5E-11	1.5E-10	4.4E-04	1.0E-03	5.5E-05	5.5E-05	2.7E-12	1.6E-11
PM<2.5				4.5E-11	1.3E-10	3.8E-04	8.7E-04	4.7E-05	4.7E-05	2.2E-12	1.4E-11
PCBs											
Dichlorobiphenyl	8.7E-17	5.1E-18	7.1E-18	4.3E-18	1.2E-17	1.3E-09	3.1E-09	1.7E-10	1.7E-10	4.0E-16	2.5E-15
Heptachlorobiphenyl	3.3E-18	5.8E-19	8.1E-19	4.9E-19	1.4E-18	1.8E-11	4.2E-11	2.3E-12	2.3E-12	2.5E-17	1.5E-16
Hexachlorobiphenyl	1.3E-17	2.6E-18	3.6E-18	2.2E-18	6.2E-18	7.6E-11	1.8E-10	9.5E-12	9.5E-12	1.1E-16	6.9E-16
Monochlorobiphenyl	6.1E-16	3.5E-17	4.9E-17	3.0E-17	8.3E-17	9.2E-09	2.1E-08	1.2E-09	1.2E-09	2.8E-15	1.7E-14
Nonachlorobiphenyl	4.1E-19	1.0E-19	1.4E-19	8.6E-20	2.4E-19	2.6E-12	5.9E-12	3.2E-13	3.2E-13	4.4E-18	2.7E-17
Octachlorobiphenyl	9.7E-19	1.9E-19	2.6E-19	1.6E-19	4.4E-19	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.1E-18	5.0E-17
Pentachlorobiphenyl	4.4E-17	9.4E-18	1.3E-17	7.9E-18	2.2E-17	2.6E-10	6.0E-10	3.3E-11	3.3E-11	4.0E-16	2.5E-15
Tetrachlorobiphenyl	2.6E-17	1.9E-18	2.7E-18	1.6E-18	4.6E-18	4.3E-10	9.9E-10	5.4E-11	5.4E-11	1.5E-16	9.4E-16
Trichlorobiphenyl	3.4E-17	2.3E-18	3.2E-18	2.0E-18	5.5E-18	5.5E-10	1.3E-09	6.8E-11	6.8E-11	1.8E-16	1.1E-15

Table H-15 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				9.2E-09	1.1E-09					2.9E-07	1.8E-06
Dieldrin		8.8E-10		1.0E-09						5.1E-11	
SVOCs											
1,2,4-trichlorobenzene						3.9E-09	8.9E-09	4.8E-10	4.8E-10		
1,2-dichlorobenzene	3.9E-20					1.6E-09	3.6E-09	1.9E-10	1.9E-10		
1,3-Butadiene						3.9E-04					
1,3-dichlorobenzene	9.9E-20					2.3E-09	5.4E-09	2.9E-10	2.9E-10		
1,4-dichlorobenzene	1.3E-18					2.2E-08	5.0E-08	2.7E-09	2.7E-09		
2,4-Dimethylphenol	3.6E-17					3.4E-07	7.8E-07	4.2E-08	4.2E-08		
2-Chlorophenol	1.8E-18					6.8E-08	1.6E-07	8.5E-09	8.5E-09		
2-Methylphenol	7.5E-16					8.0E-07	1.8E-06	9.9E-08	9.9E-08		
2-Nitrophenol	4.6E-18					1.1E-07	2.5E-07	1.3E-08	1.3E-08		
3-Methylphenol & 4-Methylphenol				5.3E-14	1.5E-13	1.4E-06	3.3E-06	1.8E-07	1.8E-07	2.6E-15	1.6E-14
4-Nitrophenol	9.3E-18					1.8E-07	4.1E-07	2.2E-08	2.2E-08		
Acetophenone	5.6E-17					1.7E-06	3.9E-06	2.1E-07	2.1E-07		
Benzoic acid	2.3E-16					7.7E-06	1.8E-05	9.6E-07	9.6E-07		
Benzyl alcohol	1.4E-19					6.4E-08	1.5E-07	8.0E-09	8.0E-09		
bis(2-Ethylhexyl) phthalate	7.0E-15	9.6E-14	1.3E-13	1.1E-13	3.2E-13	2.7E-06	6.3E-06	3.4E-07	3.4E-07	5.5E-15	3.4E-14
Butyl benzyl phthalate	2.5E-15	4.6E-17	6.5E-17	5.5E-17	1.5E-16	8.5E-08	2.0E-07	1.1E-08	1.1E-08	2.7E-18	1.7E-17
Carbazole				2.0E-16	5.6E-16	2.4E-09	5.5E-09	3.0E-10	3.0E-10	9.8E-18	6.0E-17
Dibenzofuran		2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.4E-07	3.1E-07	1.7E-08	1.7E-08	3.5E-15	2.1E-14
Dimethyl phthalate	9.2E-19					4.8E-09	1.1E-08	5.9E-10	5.9E-10		
Di-n-butyl phthalate	2.4E-14	4.6E-17	6.5E-17	5.5E-17	1.5E-16	1.3E-07	3.0E-07	1.6E-08	1.6E-08	2.7E-18	1.7E-17

Table H-15 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.8E-19	1.3E-16	1.9E-16	1.6E-16	4.4E-16	9.2E-09	2.1E-08	1.1E-09	1.1E-09	7.8E-18	4.8E-17
Hexachlorobutadiene	9.6E-17					6.3E-07	1.5E-06	7.9E-08	7.9E-08		
Isopropanol						4.6E-02					
Phenol	2.1E-15					4.3E-06	9.9E-06	5.4E-07	5.4E-07		
Pyridine	1.1E-16					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
TRS											
Total Reduced Sulfur						4.2E-06	9.6E-06	5.2E-07	5.2E-07		
VOCs											
1,1,1,2-Tetrachloroethane	3.8E-20					1.9E-09	4.5E-09	2.4E-10	2.4E-10		
1,1,1-Trichloroethane	2.5E-21					1.9E-09	4.4E-09	2.4E-10	2.4E-10		
1,1-Dichloroethene	8.5E-23					3.7E-10	8.6E-10	4.6E-11	4.6E-11		
1,2,3-Trichlorobenzene	2.7E-18					7.6E-09	1.8E-08	9.5E-10	9.5E-10		
1,2,3-Trichloropropane	1.5E-20					1.5E-09	3.6E-09	1.9E-10	1.9E-10		
1,2,4-Trimethylbenzene						8.9E-08	2.1E-07	1.1E-08	1.1E-08		
1,2-Dibromoethane	5.3E-21					9.9E-10	2.3E-09	1.2E-10	1.2E-10		
1,2-Dichloroethane	1.7E-19					4.0E-08	9.1E-08	1.4E-05	1.4E-05		
1,3,5-Trimethylbenzene	8.6E-19					8.4E-08	1.9E-07	1.0E-08	1.0E-08		
1,3-Dichloropropane						9.6E-10	2.2E-09	1.2E-10	1.2E-10		
2-Butanone	3.5E-17					4.7E-07	1.1E-06	5.9E-08	5.9E-08		
2-Chlorotoluene						2.1E-08	4.9E-08	2.6E-09	2.6E-09		
2-Hexanone						9.7E-08	2.2E-07	1.2E-08	1.2E-08		
Benzene	2.8E-17					1.6E-03	2.9E-05	1.4E-04	1.4E-04		
Bromobenzene						5.3E-07	1.2E-06	6.6E-08	6.6E-08		
Bromochloromethane						1.3E-09	2.9E-09	1.6E-10	1.6E-10		

Table H-15 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromodichloromethane	4.5E-21					1.4E-09	3.1E-09	1.7E-10	1.7E-10		
Bromomethane	1.9E-20					5.4E-08	1.3E-07	6.8E-09	6.8E-09		
Carbon disulfide	1.8E-20					4.8E-08	1.1E-07	6.0E-09	6.0E-09		
Carbon tetrachloride	1.9E-21					2.0E-03	7.2E-09	2.2E-04	2.2E-04		
Chlorobenzene	6.7E-19					6.9E-08	1.6E-07	8.6E-09	8.6E-09		
Chlorodibromomethane	2.6E-19					3.4E-08	7.8E-08	4.2E-09	4.2E-09		
Chloroethane	5.3E-20					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
Chloroform	4.0E-20					4.6E-04	6.5E-08	3.4E-05	3.4E-05		
Chloromethane	1.4E-19					4.4E-07	1.0E-06	5.5E-08	5.5E-08		
cis-1,2-Dichloroethene	5.4E-20					5.7E-08	1.3E-07	7.1E-09	7.1E-09		
cis-1,3-Dichloropropene						3.5E-10	8.0E-10	4.3E-11	4.3E-11		
Dibromomethane	6.0E-21					2.9E-09	6.7E-09	3.6E-10	3.6E-10		
Dichlorodifluoromethane	6.7E-23					3.6E-09	8.2E-09	4.4E-10	4.4E-10		
Ethylbenzene	2.1E-17					7.5E-04	6.5E-06	3.5E-07	3.5E-07		
Isopropylbenzene	2.8E-20					2.3E-07	5.2E-07	2.8E-08	2.8E-08		
m&p-Xylene	3.4E-18					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Methyl Isobutyl Ketone (4-methyl-2-per	3.4E-20					5.1E-09	1.2E-08	6.4E-10	6.4E-10		
Methylene chloride	3.7E-19					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
n-Butylbenzene						1.1E-07	2.6E-07	1.4E-08	1.4E-08		
n-Propylbenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08		
o-Xylene	4.0E-18					3.3E-07	7.6E-07	4.1E-08	4.1E-08		
p-Chlorotoluene						7.9E-09	1.8E-08	9.9E-10	9.9E-10		
p-Isopropyltoluene						5.5E-08	1.3E-07	6.9E-09	6.9E-09		
sec-Butylbenzene						2.0E-08	4.7E-08	2.5E-09	2.5E-09		

Table H-15 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)
Styrene	1.3E-16					7.3E-06	1.7E-05	9.1E-07	9.1E-07				
tert-Butylbenzene						6.5E-07	1.5E-06	8.2E-08	8.2E-08				
Tetrachloroethene	9.4E-21					1.7E-09	4.0E-09	2.2E-10	2.2E-10				
Toluene	2.2E-17					4.5E-06	1.0E-05	5.6E-07	5.6E-07				
trans-1,2-Dichloroethene	8.4E-19					1.2E-06	2.8E-06	1.5E-07	1.5E-07				
trans-1,3-Dichloropropene						6.0E-10	1.4E-09	7.5E-11	7.5E-11				
Trichloroethene	9.7E-23					5.2E-04	2.4E-10	1.3E-11	1.3E-11				
Trichlorofluoromethane	1.5E-22					1.2E-09	2.9E-09	1.6E-10	1.6E-10				
Vinyl chloride	6.9E-21					4.2E-05	1.6E-07	8.8E-09	8.8E-09				

Table H-16 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					6.2E-07	4.0E-02	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19

Table H-16 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				9.4E-03	2.4E-02					4.6E-07	2.6E-06
Antimony	1.6E-17			4.3E-07	4.8E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	2.1E-11	5.2E-11
Arsenic	8.1E-16	2.0E-07	4.6E-07	4.6E-07	2.2E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	3.8E-11	3.9E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				1.8E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	8.8E-10	4.0E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				1.7E-02	4.0E-02					8.4E-07	4.3E-06
Lead	6.9E-18			8.6E-05	5.3E-05	6.0E-09	1.4E-08	7.5E-10	7.5E-10	4.2E-09	5.7E-09
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				2.3E-08	2.7E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	4.3E-08	2.7E-07
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19

Table H-16 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			4.0E-04	7.9E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.0E-08	8.5E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Thallium (Soluble Salts)					1.4E-07						1.6E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	9.0E-06	2.8E-12	8.1E-06	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	1.2E-07	7.6E-07
Benzo(a)pyrene	3.1E-12	7.5E-06	1.2E-12	6.8E-06	2.3E-12	1.2E-09	2.7E-09	1.5E-10	1.5E-10	3.4E-10	2.4E-16
Benzo(b)fluoranthene	8.3E-13	1.2E-05	7.3E-14	1.1E-05	1.3E-13	1.3E-09	3.0E-09	1.6E-10	1.6E-10	5.5E-10	1.4E-17
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	6.6E-06	9.7E-14	6.0E-06	1.8E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	2.9E-10	1.9E-17

Table H-16 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	9.4E-06	3.8E-12	8.6E-06	6.9E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	4.2E-10	7.4E-16
Dibenze(a,h)anthracene	1.6E-13	1.5E-06	4.7E-13	1.3E-06	8.6E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	6.5E-11	9.3E-17
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.9E-06	1.3E-12	1.8E-06	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	8.6E-11	2.5E-16
Napthalene	2.8E-14	1.9E-07		1.7E-07		1.5E-07	3.4E-07	1.9E-08	1.9E-08	2.5E-07	1.5E-06
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16

Table H-16 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				6.4E-07	7.8E-08					2.0E-08	1.3E-07
Dieldrin		6.2E-08		7.3E-08						3.6E-12	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						2.7E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18

Table H-16 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						3.2E-03					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					1.1E-04	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		

Table H-16 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.4E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					3.2E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					5.3E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		

Table H-16 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08				
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09				
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11				
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08				
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08				
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12				
Trichloroethene	6.8E-21					3.7E-05	1.7E-11	9.1E-13	9.1E-13				
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11				
Vinyl chloride	4.8E-19					3.0E-06	1.1E-08	6.2E-10	6.2E-10				

Table H-17 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						1.2E-05	2.8E-05	1.5E-06	1.5E-06		
Aldehydes											
Acetaldehyde	1.3E-15					2.1E-05	4.8E-05	2.6E-06	2.6E-06		
Formaldehyde	6.5E-15					8.8E-06	3.8E-01	1.1E-06	1.1E-06		
Propionaldehyde				3.2E-17	9.0E-17	2.3E-06	5.2E-06	2.8E-07	2.8E-07	2.4E-13	1.5E-12
CO											
Carbon monoxide						6.4E-04	1.5E-03	8.0E-05	8.0E-05		
CO2											
Carbon dioxide						2.0E-05	4.6E-05	2.5E-06	2.5E-06		
Criteria											
Sulfur Dioxide						5.4E-06	1.2E-05	6.8E-07	6.8E-07		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-20	1.1E-17	1.5E-17	4.2E-17	1.2E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	2.1E-18	1.3E-17
1,2,3,4,6,7,8-HpCDF	1.3E-20	1.1E-17	1.5E-17	4.3E-17	1.2E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	2.1E-18	1.3E-17
1,2,3,4,7,8,9-HpCDF	2.1E-21	1.2E-18	1.7E-18	4.9E-18	1.4E-17	1.6E-12	3.6E-12	1.9E-13	1.9E-13	2.4E-19	1.5E-18
1,2,3,4,7,8-HxCDD	1.6E-20	1.2E-18	1.7E-18	4.8E-18	1.3E-17	1.5E-12	3.3E-12	1.8E-13	1.8E-13	2.4E-19	1.5E-18
1,2,3,4,7,8-HxCDF	1.1E-19	9.7E-18	1.4E-17	3.8E-17	1.1E-16	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.9E-18	1.2E-17
1,2,3,6,7,8-HxCDD	3.1E-20	2.5E-18	3.5E-18	9.8E-18	2.7E-17	3.1E-12	7.1E-12	3.8E-13	3.8E-13	4.8E-19	3.0E-18
1,2,3,6,7,8-HxCDF	4.0E-20	3.2E-18	4.4E-18	1.2E-17	3.5E-17	3.8E-12	8.8E-12	4.8E-13	4.8E-13	6.1E-19	3.8E-18
1,2,3,7,8,9-HxCDD	4.3E-20	3.9E-18	5.5E-18	1.5E-17	4.3E-17	4.6E-12	1.1E-11	5.8E-13	5.8E-13	7.6E-19	4.7E-18
1,2,3,7,8,9-HxCDF	3.4E-21	2.3E-19	3.2E-19	8.9E-19	2.5E-18	2.9E-13	6.8E-13	3.7E-14	3.7E-14	4.4E-20	2.7E-19
1,2,3,7,8-PeCDD	9.8E-20	1.4E-18	1.9E-18	5.4E-18	1.5E-17	1.8E-12	4.3E-12	2.3E-13	2.3E-13	2.7E-19	1.6E-18
1,2,3,7,8-PeCDF	1.4E-19	1.6E-18	2.3E-18	6.4E-18	1.8E-17	2.6E-12	6.1E-12	3.3E-13	3.3E-13	3.1E-19	1.9E-18

Table H-17 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.8E-20	5.0E-18	6.9E-18	2.0E-17	5.5E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	9.6E-19	5.9E-18
2,3,4,7,8-PeCDF	2.1E-19	3.9E-18	5.4E-18	1.5E-17	4.3E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	7.5E-19	4.6E-18
2,3,7,8-TCDD	3.4E-20	2.8E-19	4.0E-19	1.1E-18	3.1E-18	7.4E-13	1.7E-12	9.3E-14	9.3E-14	3.8E-17	2.3E-16
2,3,7,8-TCDF	1.1E-19	5.1E-19	7.2E-19	2.0E-18	5.7E-18	2.7E-12	6.3E-12	3.4E-13	3.4E-13	9.9E-20	6.1E-19
OCDD	1.7E-22	7.3E-18	1.0E-17	2.9E-17	8.0E-17	8.0E-12	1.9E-11	1.0E-12	1.0E-12	1.4E-18	8.6E-18
OCDF	6.5E-23	2.8E-18	3.9E-18	1.1E-17	3.1E-17	3.0E-12	7.0E-12	3.8E-13	3.8E-13	5.4E-19	3.3E-18
HCN											
Hydrogen cyanide						2.3E-06	5.2E-06	2.8E-07	2.8E-07		
Metals											
Aluminum				1.3E-04	2.7E-04					6.6E-06	3.0E-05
Antimony	2.2E-19			6.1E-09	2.4E-09	1.5E-07	3.4E-07	1.9E-08	1.9E-08	3.0E-10	2.6E-10
Arsenic	1.2E-17	2.8E-09	2.6E-09	6.6E-09	1.2E-08	8.5E-09	2.0E-08	1.1E-09	1.1E-09	5.4E-10	2.2E-09
Barium	2.6E-14			2.5E-11	7.1E-11	1.8E-06	4.2E-06	2.2E-07	2.2E-07	1.2E-12	7.7E-12
Beryllium	4.7E-19			1.5E-17	4.2E-17	6.1E-10	1.4E-09	7.7E-11	7.7E-11	7.3E-19	4.5E-18
Cadmium	1.2E-16			1.2E-17	3.3E-17	1.1E-08	2.5E-08	1.4E-09	1.4E-09	5.7E-19	3.5E-18
Chromium	3.1E-17			7.6E-13	2.1E-12	9.2E-08	2.1E-07	1.2E-08	1.2E-08	3.7E-14	2.3E-13
Cobalt				2.6E-07	9.1E-07	1.4E-07	3.2E-07	1.8E-08	1.8E-08	1.3E-08	9.8E-08
Copper				2.8E-12	7.8E-12	2.5E-07	5.9E-07	3.2E-08	3.2E-08	1.4E-13	8.4E-13
Iron				2.5E-04	6.2E-04					1.2E-05	6.6E-05
Lead	9.9E-20			1.2E-06	2.1E-06	8.5E-08	2.0E-07	1.1E-08	1.1E-08	6.0E-08	2.2E-07
Manganese				1.1E-14	3.2E-14	7.8E-08	1.8E-07	9.7E-09	9.7E-09	5.6E-16	3.4E-15
Mercury (+2)				2.4E-16	6.9E-16	3.4E-10	7.8E-10	4.2E-11	4.2E-11	1.2E-17	7.4E-17
Mercury, elemental				3.2E-10	6.3E-10	1.4E-12	3.2E-12	1.8E-13	1.8E-13	6.2E-07	3.8E-06
Methyl Mercury	9.3E-17			1.5E-17	4.1E-17					7.1E-19	4.4E-18

Table H-17 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	4.7E-17			5.7E-06	1.9E-05	5.0E-08	1.1E-07	6.2E-09	6.2E-09	2.8E-07	2.0E-06
Phosphorus				1.1E-16	3.0E-16	3.8E-07	8.7E-07	4.7E-08	4.7E-08	1.0E-12	6.4E-12
Selenium	3.9E-18			5.8E-19	1.6E-18	2.5E-09	5.8E-09	3.1E-10	3.1E-10	2.8E-20	1.7E-19
Silver	2.7E-18			9.3E-15	2.6E-14	1.6E-09	3.8E-09	2.0E-10	2.0E-10	4.5E-16	2.8E-15
Titanium				1.1E-16	3.2E-16	8.7E-10	2.0E-09	1.1E-10	1.1E-10	5.6E-18	3.5E-17
Zinc	5.8E-14			2.6E-15	7.4E-15	2.0E-06	4.5E-06	2.4E-07	2.4E-07	1.3E-16	8.0E-16
NOx											
NOx (Oxides of Nitrogen)						2.2E-05	5.2E-05	2.8E-06	2.8E-06		
PAHs											
1-Methylnaphthalene		3.4E-18	4.8E-18	3.1E-18	8.7E-18	4.7E-07	1.1E-06	5.9E-08	5.9E-08	3.5E-15	2.2E-14
1-Methylphenanthrene				2.1E-15	5.8E-15	5.6E-08	1.3E-07	7.0E-09	7.0E-09	1.0E-16	6.2E-16
2,3,5-Trimethylnaphthalene				9.7E-16	2.7E-15	2.8E-08	6.4E-08	3.5E-09	3.5E-09	4.7E-17	2.9E-16
2,6-Dimethylnaphthalene				2.6E-15	7.4E-15	7.4E-08	1.7E-07	9.2E-09	9.2E-09	1.3E-16	8.0E-16
2-Methylnaphthalene		3.3E-18	4.6E-18	3.0E-18	8.4E-18	4.6E-07	1.1E-06	5.7E-08	5.7E-08	3.4E-15	2.1E-14
Acenaphthylene				8.5E-15	2.4E-14	2.7E-07	6.2E-07	3.4E-08	3.4E-08	4.2E-16	2.6E-15
Acenaphthene	4.8E-17					4.9E-08	1.1E-07	6.2E-09	6.2E-09		
Anthracene	6.1E-16					8.7E-08	2.0E-07	1.1E-08	1.1E-08		
Benzo(a)anthracene	8.8E-14	1.3E-07	3.3E-14	1.2E-07	6.0E-14	4.3E-08	9.9E-08	5.3E-09	5.3E-09	1.8E-06	1.1E-05
Benzo(a)pyrene	4.4E-14	1.1E-07	1.9E-09	9.8E-08	3.4E-09	1.7E-08	3.9E-08	2.1E-09	2.1E-09	4.8E-09	3.7E-10
Benzo(b)fluoranthene	1.2E-14	1.7E-07	1.7E-09	1.6E-07	3.1E-09	1.9E-08	4.3E-08	2.3E-09	2.3E-09	7.8E-09	3.3E-10
Benzo(e)pyrene				4.9E-16	1.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	2.4E-17	1.5E-16
Benzo(g,h,i)perylene				3.6E-16	1.0E-15	1.1E-08	2.5E-08	1.4E-09	1.4E-09	1.8E-17	1.1E-16
Benzo(k)fluoranthene	8.8E-17	9.4E-08	9.0E-16	8.6E-08	1.6E-15	1.7E-10	3.8E-10	2.1E-11	2.1E-11	4.2E-09	1.8E-16
Biphenyl				4.8E-17	1.3E-16	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.8E-14	1.7E-13

Table H-17 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	1.5E-14	1.3E-07	4.1E-14	1.2E-07	7.5E-14	7.3E-08	1.7E-07	9.1E-09	9.1E-09	6.0E-09	8.1E-15
Dibenze(a,h)anthracene	2.1E-15	2.1E-08	5.3E-15	1.9E-08	9.6E-15	2.7E-09	6.1E-09	3.3E-10	3.3E-10	9.3E-10	1.0E-15
Fluoranthene	4.0E-15	8.6E-16	1.2E-15	7.8E-16	2.2E-15	1.1E-07	2.5E-07	1.3E-08	1.3E-08	3.8E-17	2.4E-16
Fluorene	8.7E-16					2.7E-07	6.2E-07	3.3E-08	3.3E-08		
Indeno(1,2,3-cd)pyrene	5.4E-15	2.8E-08	1.5E-14	2.5E-08	2.7E-14	8.8E-09	2.0E-08	1.1E-09	1.1E-09	1.2E-09	3.0E-15
Napthalene	4.0E-16	2.7E-09		2.4E-09		2.1E-06	4.9E-06	2.7E-07	2.7E-07	3.5E-06	2.2E-05
Perylene				1.9E-16	5.3E-16	6.6E-09	1.5E-08	8.2E-10	8.2E-10	9.2E-18	5.7E-17
Phenanthrene	4.2E-15					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
Pyrene	2.9E-15	2.4E-15	3.3E-15	2.2E-15	6.0E-15	1.0E-07	2.4E-07	1.3E-08	1.3E-08	6.0E-14	3.7E-13
Particulate											
Particulate Total Suspended Particulate				4.3E-11	1.2E-10	3.3E-04	7.7E-04	4.2E-05	4.2E-05	2.1E-12	1.3E-11
PM<10				5.5E-11	1.5E-10	4.4E-04	1.0E-03	5.5E-05	5.5E-05	2.7E-12	1.6E-11
PM<2.5				4.5E-11	1.3E-10	3.8E-04	8.7E-04	4.7E-05	4.7E-05	2.2E-12	1.4E-11
PCBs											
Dichlorobiphenyl	8.7E-17	5.1E-18	7.1E-18	4.3E-18	1.2E-17	1.3E-09	3.1E-09	1.7E-10	1.7E-10	4.0E-16	2.5E-15
Heptachlorobiphenyl	3.3E-18	5.8E-19	8.1E-19	4.9E-19	1.4E-18	1.8E-11	4.2E-11	2.3E-12	2.3E-12	2.5E-17	1.5E-16
Hexachlorobiphenyl	1.3E-17	2.6E-18	3.6E-18	2.2E-18	6.2E-18	7.6E-11	1.8E-10	9.5E-12	9.5E-12	1.1E-16	6.9E-16
Monochlorobiphenyl	6.1E-16	3.5E-17	4.9E-17	3.0E-17	8.3E-17	9.2E-09	2.1E-08	1.2E-09	1.2E-09	2.8E-15	1.7E-14
Nonachlorobiphenyl	4.1E-19	1.0E-19	1.4E-19	8.6E-20	2.4E-19	2.6E-12	5.9E-12	3.2E-13	3.2E-13	4.4E-18	2.7E-17
Octachlorobiphenyl	9.7E-19	1.9E-19	2.6E-19	1.6E-19	4.4E-19	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.1E-18	5.0E-17
Pentachlorobiphenyl	4.4E-17	9.4E-18	1.3E-17	7.9E-18	2.2E-17	2.6E-10	6.0E-10	3.3E-11	3.3E-11	4.0E-16	2.5E-15
Tetrachlorobiphenyl	2.6E-17	1.9E-18	2.7E-18	1.6E-18	4.6E-18	4.3E-10	9.9E-10	5.4E-11	5.4E-11	1.5E-16	9.4E-16
Trichlorobiphenyl	3.4E-17	2.3E-18	3.2E-18	2.0E-18	5.5E-18	5.5E-10	1.3E-09	6.8E-11	6.8E-11	1.8E-16	1.1E-15
Pesticides											

Table H-17 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
DDE				9.2E-09	3.9E-09					2.9E-07	1.8E-06
Dieldrin		8.8E-10		1.0E-09						5.1E-11	
SVOCs											
1,2,4-trichlorobenzene						3.9E-09	8.9E-09	4.8E-10	4.8E-10		
1,2-dichlorobenzene	3.9E-20					1.6E-09	3.6E-09	1.9E-10	1.9E-10		
1,3-Butadiene						3.9E-04					
1,3-dichlorobenzene	9.9E-20					2.3E-09	5.4E-09	2.9E-10	2.9E-10		
1,4-dichlorobenzene	1.3E-18					2.2E-08	5.0E-08	2.7E-09	2.7E-09		
2,4-Dimethylphenol	3.6E-17					3.4E-07	7.8E-07	4.2E-08	4.2E-08		
2-Chlorophenol	1.8E-18					6.8E-08	1.6E-07	8.5E-09	8.5E-09		
2-Methylphenol	7.5E-16					8.0E-07	1.8E-06	9.9E-08	9.9E-08		
2-Nitrophenol	4.6E-18					1.1E-07	2.5E-07	1.3E-08	1.3E-08		
3-Methylphenol & 4-Methylphenol				5.3E-14	1.5E-13	1.4E-06	3.3E-06	1.8E-07	1.8E-07	2.6E-15	1.6E-14
4-Nitrophenol	9.3E-18					1.8E-07	4.1E-07	2.2E-08	2.2E-08		
Acetophenone	5.6E-17					1.7E-06	3.9E-06	2.1E-07	2.1E-07		
Benzoic acid	2.3E-16					7.7E-06	1.8E-05	9.6E-07	9.6E-07		
Benzyl alcohol	1.4E-19					6.4E-08	1.5E-07	8.0E-09	8.0E-09		
bis(2-Ethylhexyl) phthalate	7.0E-15	9.6E-14	1.3E-13	1.1E-13	3.2E-13	2.7E-06	6.3E-06	3.4E-07	3.4E-07	5.5E-15	3.4E-14
Butyl benzyl phthalate	2.5E-15	4.6E-17	6.5E-17	5.5E-17	1.5E-16	8.5E-08	2.0E-07	1.1E-08	1.1E-08	2.7E-18	1.7E-17
Carbazole				2.0E-16	5.6E-16	2.4E-09	5.5E-09	3.0E-10	3.0E-10	9.8E-18	6.0E-17
Dibenzofuran		2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.4E-07	3.1E-07	1.7E-08	1.7E-08	3.5E-15	2.1E-14
Dimethyl phthalate	9.2E-19					4.8E-09	1.1E-08	5.9E-10	5.9E-10		
Di-n-butyl phthalate	2.4E-14	4.6E-17	6.5E-17	5.5E-17	1.5E-16	1.3E-07	3.0E-07	1.6E-08	1.6E-08	2.7E-18	1.7E-17
Di-n-octyl phthalate	1.8E-19	1.3E-16	1.9E-16	1.6E-16	4.4E-16	9.2E-09	2.1E-08	1.1E-09	1.1E-09	7.8E-18	4.8E-17

Table H-17 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	9.6E-17					6.3E-07	1.5E-06	7.9E-08	7.9E-08		
Isopropanol						4.6E-02					
Phenol	2.1E-15					4.3E-06	9.9E-06	5.4E-07	5.4E-07		
Pyridine	1.1E-16					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
TRS											
Total Reduced Sulfur						4.2E-06	9.6E-06	5.2E-07	5.2E-07		
VOCs											
1,1,1,2-Tetrachloroethane	3.8E-20					1.9E-09	4.5E-09	2.4E-10	2.4E-10		
1,1,1-Trichloroethane	2.5E-21					1.9E-09	4.4E-09	2.4E-10	2.4E-10		
1,1-Dichloroethene	8.5E-23					3.7E-10	8.6E-10	4.6E-11	4.6E-11		
1,2,3-Trichlorobenzene	2.7E-18					7.6E-09	1.8E-08	9.5E-10	9.5E-10		
1,2,3-Trichloropropane	1.5E-20					1.5E-09	3.6E-09	1.9E-10	1.9E-10		
1,2,4-Trimethylbenzene						8.9E-08	2.1E-07	1.1E-08	1.1E-08		
1,2-Dibromoethane	5.3E-21					9.9E-10	2.3E-09	1.2E-10	1.2E-10		
1,2-Dichloroethane	1.7E-19					4.0E-08	9.1E-08	1.4E-05	1.4E-05		
1,3,5-Trimethylbenzene	8.6E-19					8.4E-08	1.9E-07	1.0E-08	1.0E-08		
1,3-Dichloropropane						9.6E-10	2.2E-09	1.2E-10	1.2E-10		
2-Butanone	3.5E-17					4.7E-07	1.1E-06	5.9E-08	5.9E-08		
2-Chlorotoluene						2.1E-08	4.9E-08	2.6E-09	2.6E-09		
2-Hexanone						9.7E-08	2.2E-07	1.2E-08	1.2E-08		
Benzene	2.8E-17					1.6E-03	2.9E-05	1.4E-04	1.4E-04		
Bromobenzene						5.3E-07	1.2E-06	6.6E-08	6.6E-08		
Bromochloromethane						1.3E-09	2.9E-09	1.6E-10	1.6E-10		
Bromodichloromethane	4.5E-21					1.4E-09	3.1E-09	1.7E-10	1.7E-10		

Table H-17 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromomethane	1.9E-20					5.4E-08	1.3E-07	6.8E-09	6.8E-09		
Carbon disulfide	1.8E-20					4.8E-08	1.1E-07	6.0E-09	6.0E-09		
Carbon tetrachloride	1.9E-21					2.0E-03	7.2E-09	2.2E-04	2.2E-04		
Chlorobenzene	6.7E-19					6.9E-08	1.6E-07	8.6E-09	8.6E-09		
Chlorodibromomethane	2.6E-19					3.4E-08	7.8E-08	4.2E-09	4.2E-09		
Chloroethane	5.3E-20					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
Chloroform	4.0E-20					4.6E-04	6.5E-08	3.4E-05	3.4E-05		
Chloromethane	1.4E-19					4.4E-07	1.0E-06	5.5E-08	5.5E-08		
cis-1,2-Dichloroethene	5.4E-20					5.7E-08	1.3E-07	7.1E-09	7.1E-09		
cis-1,3-Dichloropropene						3.5E-10	8.0E-10	4.3E-11	4.3E-11		
Dibromomethane	6.0E-21					2.9E-09	6.7E-09	3.6E-10	3.6E-10		
Dichlorodifluoromethane	6.7E-23					3.6E-09	8.2E-09	4.4E-10	4.4E-10		
Ethylbenzene	2.1E-17					7.5E-04	6.5E-06	3.5E-07	3.5E-07		
Isopropylbenzene	2.8E-20					2.3E-07	5.2E-07	2.8E-08	2.8E-08		
m&p-Xylene	3.4E-18					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Methyl Isobutyl Ketone (4-methyl-2-per	3.4E-20					5.1E-09	1.2E-08	6.4E-10	6.4E-10		
Methylene chloride	3.7E-19					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
n-Butylbenzene						1.1E-07	2.6E-07	1.4E-08	1.4E-08		
n-Propylbenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08		
o-Xylene	4.0E-18					3.3E-07	7.6E-07	4.1E-08	4.1E-08		
p-Chlorotoluene						7.9E-09	1.8E-08	9.9E-10	9.9E-10		
p-Isopropyltoluene						5.5E-08	1.3E-07	6.9E-09	6.9E-09		
sec-Butylbenzene						2.0E-08	4.7E-08	2.5E-09	2.5E-09		
Styrene	1.3E-16					7.3E-06	1.7E-05	9.1E-07	9.1E-07		

Table H-17 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						6.5E-07	1.5E-06	8.2E-08	8.2E-08		
Tetrachloroethene	9.4E-21					1.7E-09	4.0E-09	2.2E-10	2.2E-10		
Toluene	2.2E-17					4.5E-06	1.0E-05	5.6E-07	5.6E-07		
trans-1,2-Dichloroethene	8.4E-19					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
trans-1,3-Dichloropropene						6.0E-10	1.4E-09	7.5E-11	7.5E-11		
Trichloroethene	9.7E-23					5.2E-04	2.4E-10	1.3E-11	1.3E-11		
Trichlorofluoromethane	1.5E-22					1.2E-09	2.9E-09	1.6E-10	1.6E-10		
Vinyl chloride	6.9E-21					4.2E-05	1.6E-07	8.8E-09	8.8E-09		

Table H-18 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					6.2E-07	2.7E-02	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19

Table H-18 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				9.4E-03	1.9E-02					4.6E-07	2.1E-06
Antimony	1.6E-17			4.3E-07	1.7E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	2.1E-11	1.8E-11
Arsenic	8.1E-16	2.0E-07	1.8E-07	4.6E-07	8.6E-07	5.9E-10	1.4E-09	7.4E-11	7.4E-11	3.8E-11	1.6E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				1.8E-05	6.4E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	8.8E-10	6.9E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				1.7E-02	4.3E-02					8.4E-07	4.7E-06
Lead	6.9E-18			8.6E-05	1.4E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	4.2E-09	1.6E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				2.3E-08	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	4.3E-08	2.7E-07
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19

Table H-18 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			4.0E-04	1.3E-03	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.0E-08	1.4E-07
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	9.0E-06	2.8E-12	8.1E-06	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	1.2E-07	7.6E-07
Benzo(a)pyrene	3.1E-12	7.5E-06	1.3E-07	6.8E-06	2.4E-07	1.2E-09	2.7E-09	1.5E-10	1.5E-10	3.4E-10	2.6E-11
Benzo(b)fluoranthene	8.3E-13	1.2E-05	1.2E-07	1.1E-05	2.2E-07	1.3E-09	3.0E-09	1.6E-10	1.6E-10	5.5E-10	2.3E-11
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	6.6E-06	9.7E-14	6.0E-06	1.8E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	2.9E-10	1.9E-17
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14

Table H-18 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	1.1E-12	9.4E-06	3.8E-12	8.6E-06	6.9E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	4.2E-10	7.4E-16
Dibenze(a,h)anthracene	1.6E-13	1.5E-06	4.7E-13	1.3E-06	8.6E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	6.5E-11	9.3E-17
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.9E-06	1.3E-12	1.8E-06	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	8.6E-11	2.5E-16
Napthalene	2.8E-14	1.9E-07		1.7E-07		1.5E-07	3.4E-07	1.9E-08	1.9E-08	2.5E-07	1.5E-06
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16
Pesticides											

Table H-18 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
DDE				6.4E-07	2.8E-07					2.0E-08	1.3E-07
Dieldrin		6.2E-08		7.3E-08						3.6E-12	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						2.7E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18

Table H-18 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						3.2E-03					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					1.1E-04	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		

Table H-18 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.4E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					3.2E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					5.3E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		

Table H-18 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					3.7E-05	1.7E-11	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					3.0E-06	1.1E-08	6.2E-10	6.2E-10		

Table H-19 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						1.2E-05	4.3E-04	1.5E-06	1.4E-04		
Aldehydes											
Acetaldehyde	1.3E-15					2.1E-05	7.4E-04	2.6E-06	2.5E-04		
Formaldehyde	6.5E-15					8.8E-06	2.9E-04	1.1E-06	9.7E-05		
Propionaldehyde				3.2E-17	1.0E-15	2.3E-06	8.2E-05	2.8E-07	2.7E-05	2.4E-13	1.7E-11
CO											
Carbon monoxide						6.4E-04	2.4E-02	8.0E-05	7.9E-03		
CO2											
Carbon dioxide						2.0E-05	7.2E-04	2.5E-06	2.4E-04		
Criteria											
Sulfur Dioxide						5.4E-06	1.7E-04	6.8E-07	5.8E-05		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-20	1.1E-17	2.0E-16	4.2E-17	1.6E-15	1.2E-11	4.8E-10	1.5E-12	1.6E-10	2.1E-18	1.7E-16
1,2,3,4,6,7,8-HpCDF	1.3E-20	1.1E-17	2.0E-16	4.3E-17	1.6E-15	1.2E-11	4.9E-10	1.5E-12	1.6E-10	2.1E-18	1.7E-16
1,2,3,4,7,8,9-HpCDF	2.1E-21	1.2E-18	2.4E-17	4.9E-18	1.9E-16	1.6E-12	6.3E-11	1.9E-13	2.1E-11	2.4E-19	2.1E-17
1,2,3,4,7,8-HxCDD	1.6E-20	1.2E-18	2.4E-17	4.8E-18	1.9E-16	1.5E-12	5.9E-11	1.8E-13	2.0E-11	2.4E-19	2.0E-17
1,2,3,4,7,8-HxCDF	1.1E-19	9.7E-18	1.9E-16	3.8E-17	1.5E-15	1.2E-11	4.8E-10	1.5E-12	1.6E-10	1.9E-18	1.6E-16
1,2,3,6,7,8-HxCDD	3.1E-20	2.5E-18	4.8E-17	9.8E-18	3.8E-16	3.1E-12	1.2E-10	3.8E-13	4.1E-11	4.8E-19	4.1E-17
1,2,3,6,7,8-HxCDF	4.0E-20	3.2E-18	6.2E-17	1.2E-17	4.9E-16	3.8E-12	1.6E-10	4.8E-13	5.2E-11	6.1E-19	5.3E-17
1,2,3,7,8,9-HxCDD	4.3E-20	3.9E-18	7.6E-17	1.5E-17	6.0E-16	4.6E-12	1.9E-10	5.8E-13	6.3E-11	7.6E-19	6.4E-17
1,2,3,7,8,9-HxCDF	3.4E-21	2.3E-19	4.4E-18	8.9E-19	3.5E-17	2.9E-13	1.2E-11	3.7E-14	4.0E-12	4.4E-20	3.8E-18
1,2,3,7,8-PeCDD	9.8E-20	1.4E-18	2.7E-17	5.4E-18	2.1E-16	1.8E-12	7.5E-11	2.3E-13	2.5E-11	2.7E-19	2.3E-17
1,2,3,7,8-PeCDF	1.4E-19	1.6E-18	3.2E-17	6.4E-18	2.5E-16	2.6E-12	1.1E-10	3.3E-13	3.6E-11	3.1E-19	2.7E-17

Table H-19 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.8E-20	5.0E-18	9.3E-17	2.0E-17	7.4E-16	5.9E-12	2.4E-10	7.4E-13	7.9E-11	9.6E-19	7.9E-17
2,3,4,7,8-PeCDF	2.1E-19	3.9E-18	7.6E-17	1.5E-17	6.0E-16	5.9E-12	2.4E-10	7.4E-13	8.0E-11	7.5E-19	6.5E-17
2,3,7,8-TCDD	3.4E-20	2.8E-19	4.1E-18	1.1E-18	3.2E-17	7.4E-13	2.5E-11	9.3E-14	8.3E-12	3.8E-17	2.4E-15
2,3,7,8-TCDF	1.1E-19	5.1E-19	1.0E-17	2.0E-18	8.1E-17	2.7E-12	1.1E-10	3.4E-13	3.7E-11	9.9E-20	8.7E-18
OCDD	1.7E-22	7.3E-18	1.3E-16	2.9E-17	1.1E-15	8.0E-12	3.2E-10	1.0E-12	1.1E-10	1.4E-18	1.1E-16
OCDF	6.5E-23	2.8E-18	5.0E-17	1.1E-17	4.0E-16	3.0E-12	1.2E-10	3.8E-13	3.9E-11	5.4E-19	4.3E-17
HCN											
Hydrogen cyanide						2.3E-06	8.8E-05	2.8E-07	2.9E-05		
Metals											
Aluminum				1.3E-04						6.6E-06	
Antimony	2.2E-19			6.1E-09		1.5E-07	3.7E-06	1.9E-08	1.2E-06	3.0E-10	
Arsenic	1.2E-17	2.8E-09	6.9E-19	6.6E-09	3.3E-18	8.5E-09	3.0E-07	1.1E-09	1.0E-07	5.4E-10	5.9E-19
Barium	2.6E-14			2.5E-11	8.8E-10	1.8E-06	4.8E-05	2.2E-07	1.6E-05	1.2E-12	9.5E-11
Beryllium	4.7E-19			1.5E-17	5.6E-16	6.1E-10	2.1E-08	7.7E-11	6.9E-09	7.3E-19	6.1E-17
Cadmium	1.2E-16			1.2E-17	4.5E-16	1.1E-08	3.8E-07	1.4E-09	1.3E-07	5.7E-19	4.8E-17
Chromium	3.1E-17			7.6E-13	3.0E-11	9.2E-08	3.3E-06	1.2E-08	1.1E-06	3.7E-14	3.2E-12
Cobalt				2.6E-07	8.0E-11	1.4E-07	2.6E-06	1.8E-08	8.5E-07	1.3E-08	8.7E-12
Copper				2.8E-12	1.1E-10	2.5E-07	8.7E-06	3.2E-08	2.9E-06	1.4E-13	1.1E-11
Iron				2.5E-04						1.2E-05	
Lead	9.9E-20			1.2E-06	5.5E-14	8.5E-08	2.8E-06	1.1E-08	9.3E-07	6.0E-08	5.9E-15
Manganese				1.1E-14	4.3E-13	7.8E-08	2.7E-06	9.7E-09	9.0E-07	5.6E-16	4.7E-14
Mercury (+2)				2.4E-16	7.6E-15	3.4E-10	1.2E-08	4.2E-11	4.0E-09	1.2E-17	8.1E-16
Mercury, elemental				3.2E-10		1.4E-12	4.9E-11	1.8E-13	1.6E-11	6.2E-07	
Methyl Mercury	9.3E-17			1.5E-17	5.6E-16					7.1E-19	6.1E-17

Table H-19 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	4.7E-17			5.7E-06	2.2E-15	5.0E-08	1.7E-06	6.2E-09	5.7E-07	2.8E-07	2.4E-16
Phosphorus				1.1E-16	4.0E-15	3.8E-07	1.2E-05	4.7E-08	4.1E-06	1.0E-12	8.4E-11
Selenium	3.9E-18			5.8E-19	2.2E-17	2.5E-09	8.7E-08	3.1E-10	2.9E-08	2.8E-20	2.4E-18
Silver	2.7E-18			9.3E-15	3.4E-13	1.6E-09	5.3E-08	2.0E-10	1.8E-08	4.5E-16	3.7E-14
Titanium				1.1E-16	4.6E-15	8.7E-10	3.3E-08	1.1E-10	1.1E-08	5.6E-18	5.0E-16
Zinc	5.8E-14			2.6E-15	9.3E-14	2.0E-06	5.6E-05	2.4E-07	1.9E-05	1.3E-16	1.0E-14
NOx											
NOx (Oxides of Nitrogen)						2.2E-05	7.5E-04	2.8E-06	2.5E-04		
PAHs											
1-Methylnaphthalene		3.4E-18	6.9E-17	3.1E-18	1.3E-16	4.7E-07	2.0E-05	5.9E-08	6.5E-06	3.5E-15	3.2E-13
1-Methylphenanthrene				2.1E-15	8.6E-14	5.6E-08	2.4E-06	7.0E-09	7.9E-07	1.0E-16	9.2E-15
2,3,5-Trimethylnaphthalene				9.7E-16	4.2E-14	2.8E-08	1.2E-06	3.5E-09	4.0E-07	4.7E-17	4.6E-15
2,6-Dimethylnaphthalene				2.6E-15	1.1E-13	7.4E-08	3.1E-06	9.2E-09	1.0E-06	1.3E-16	1.2E-14
2-Methylnaphthalene		3.3E-18	6.7E-17	3.0E-18	1.2E-16	4.6E-07	1.9E-05	5.7E-08	6.3E-06	3.4E-15	3.1E-13
Acenaphthylene				8.5E-15	3.6E-13	2.7E-07	1.1E-05	3.4E-08	3.8E-06	4.2E-16	3.9E-14
Acenaphthene	4.8E-17					4.9E-08	2.1E-06	6.2E-09	6.9E-07		
Anthracene	6.1E-16					8.7E-08	3.7E-06	1.1E-08	1.2E-06		
Benzo(a)anthracene	8.8E-14	1.3E-07	5.2E-13	1.2E-07	9.5E-13	4.3E-08	1.8E-06	5.3E-09	6.2E-07	1.8E-06	3.2E-11
Benzo(a)pyrene	4.4E-14	1.1E-07	2.3E-13	9.8E-08	4.1E-13	1.7E-08	7.0E-07	2.1E-09	2.3E-07	4.8E-09	4.5E-14
Benzo(b)fluoranthene	1.2E-14	1.7E-07	1.2E-14	1.6E-07	2.2E-14	1.9E-08	7.6E-07	2.3E-09	2.5E-07	7.8E-09	2.4E-15
Benzo(e)pyrene				4.9E-16	1.9E-14	1.4E-08	5.8E-07	1.8E-09	1.9E-07	2.4E-17	2.1E-15
Benzo(g,h,i)perylene				3.6E-16	1.5E-14	1.1E-08	4.5E-07	1.4E-09	1.5E-07	1.8E-17	1.6E-15
Benzo(k)fluoranthene	8.8E-17	9.4E-08	6.0E-15	8.6E-08	1.1E-14	1.7E-10	3.0E-09	2.1E-11	9.9E-10	4.2E-09	1.2E-15
Biphenyl				4.8E-17	2.0E-15	1.6E-06	6.7E-05	2.0E-07	2.2E-05	2.8E-14	2.6E-12

Table H-19 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	1.5E-14	1.3E-07	6.0E-13	1.2E-07	1.1E-12	7.3E-08	3.0E-06	9.1E-09	1.0E-06	6.0E-09	1.2E-13
Dibenze(a,h)anthracene	2.1E-15	2.1E-08	7.5E-14	1.9E-08	1.4E-13	2.7E-09	1.1E-07	3.3E-10	3.6E-08	9.3E-10	1.5E-14
Fluoranthene	4.0E-15	8.6E-16	1.7E-14	7.8E-16	3.2E-14	1.1E-07	4.4E-06	1.3E-08	1.5E-06	3.8E-17	3.4E-15
Fluorene	8.7E-16					2.7E-07	1.1E-05	3.3E-08	3.8E-06		
Indeno(1,2,3-cd)pyrene	5.4E-15	2.8E-08	2.2E-13	2.5E-08	3.9E-13	8.8E-09	3.6E-07	1.1E-09	1.2E-07	1.2E-09	4.2E-14
Napthalene	4.0E-16	2.7E-09		2.4E-09		2.1E-06	8.8E-05	2.7E-07	2.9E-05	3.5E-06	
Perylene				1.9E-16	8.8E-15	6.6E-09	2.9E-07	8.2E-10	9.7E-08	9.2E-18	9.4E-16
Phenanthrene	4.2E-15					5.0E-07	2.1E-05	6.3E-08	6.9E-06		
Pyrene	2.9E-15	2.4E-15	4.9E-14	2.2E-15	8.8E-14	1.0E-07	4.3E-06	1.3E-08	1.4E-06	6.0E-14	5.5E-12
Particulate											
Particulate Total Suspended Particulate				4.3E-11	1.7E-09	3.3E-04	1.3E-02	4.2E-05	4.3E-03	2.1E-12	1.9E-10
PM<10				5.5E-11	2.3E-09	4.4E-04	1.7E-02	5.5E-05	5.8E-03	2.7E-12	2.4E-10
PM<2.5				4.5E-11	1.9E-09	3.8E-04	1.5E-02	4.7E-05	5.0E-03	2.2E-12	2.1E-10
PCBs											
Dichlorobiphenyl	8.7E-17	5.1E-18	1.0E-16	4.3E-18	1.7E-16	1.3E-09	5.4E-08	1.7E-10	1.8E-08	4.0E-16	3.5E-14
Heptachlorobiphenyl	3.3E-18	5.8E-19	1.1E-17	4.9E-19	1.9E-17	1.8E-11	7.3E-10	2.3E-12	2.4E-10	2.5E-17	2.1E-15
Hexachlorobiphenyl	1.3E-17	2.6E-18	4.7E-17	2.2E-18	7.9E-17	7.6E-11	3.0E-09	9.5E-12	9.9E-10	1.1E-16	8.9E-15
Monochlorobiphenyl	6.1E-16	3.5E-17	7.0E-16	3.0E-17	1.2E-15	9.2E-09	3.8E-07	1.2E-09	1.3E-07	2.8E-15	2.4E-13
Nonachlorobiphenyl	4.1E-19	1.0E-19	1.6E-18	8.6E-20	2.7E-18	2.6E-12	9.1E-11	3.2E-13	3.0E-11	4.4E-18	3.0E-16
Octachlorobiphenyl	9.7E-19	1.9E-19	3.4E-18	1.6E-19	5.8E-18	5.5E-12	2.2E-10	6.9E-13	7.2E-11	8.1E-18	6.5E-16
Pentachlorobiphenyl	4.4E-17	9.4E-18	1.6E-16	7.9E-18	2.7E-16	2.6E-10	9.9E-09	3.3E-11	3.3E-09	4.0E-16	3.0E-14
Tetrachlorobiphenyl	2.6E-17	1.9E-18	3.3E-17	1.6E-18	5.5E-17	4.3E-10	1.6E-08	5.4E-11	5.4E-09	1.5E-16	1.1E-14
Trichlorobiphenyl	3.4E-17	2.3E-18	4.1E-17	2.0E-18	7.0E-17	5.5E-10	2.1E-08	6.8E-11	7.0E-09	1.8E-16	1.4E-14
Pesticides											

Table H-19 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
DDE				9.2E-09						2.9E-07	
Dieldrin		8.8E-10		1.0E-09						5.1E-11	
SVOCs											
1,2,4-trichlorobenzene						3.9E-09	1.2E-07	4.8E-10	4.1E-08		
1,2-dichlorobenzene	3.9E-20					1.6E-09	2.8E-08	1.9E-10	9.2E-09		
1,3-Butadiene						3.9E-04					
1,3-dichlorobenzene	9.9E-20					2.3E-09	7.9E-08	2.9E-10	2.6E-08		
1,4-dichlorobenzene	1.3E-18					2.2E-08	9.7E-07	2.7E-09	3.2E-07		
2,4-Dimethylphenol	3.6E-17					3.4E-07	1.4E-05	4.2E-08	4.5E-06		
2-Chlorophenol	1.8E-18					6.8E-08	2.9E-06	8.5E-09	9.8E-07		
2-Methylphenol	7.5E-16					8.0E-07	3.3E-05	9.9E-08	1.1E-05		
2-Nitrophenol	4.6E-18					1.1E-07	4.5E-06	1.3E-08	1.5E-06		
3-Methylphenol & 4-Methylphenol				5.3E-14	2.2E-12	1.4E-06	6.0E-05	1.8E-07	2.0E-05	2.6E-15	2.4E-13
4-Nitrophenol	9.3E-18					1.8E-07	6.9E-06	2.2E-08	2.3E-06		
Acetophenone	5.6E-17					1.7E-06	7.0E-05	2.1E-07	2.3E-05		
Benzoic acid	2.3E-16					7.7E-06	3.2E-04	9.6E-07	1.1E-04		
Benzyl alcohol	1.4E-19					6.4E-08	1.9E-06	8.0E-09	6.5E-07		
bis(2-Ethylhexyl) phthalate	7.0E-15	9.6E-14	1.7E-12	1.1E-13	4.1E-12	2.7E-06	1.1E-04	3.4E-07	3.5E-05	5.5E-15	4.4E-13
Butyl benzyl phthalate	2.5E-15	4.6E-17	9.5E-16	5.5E-17	2.2E-15	8.5E-08	3.5E-06	1.1E-08	1.2E-06	2.7E-18	2.4E-16
Carbazole				2.0E-16	3.7E-15	2.4E-09	4.3E-08	3.0E-10	1.4E-08	9.8E-18	4.0E-16
Dibenzofuran		2.1E-18	4.1E-17	8.1E-18	3.2E-16	1.4E-07	5.6E-06	1.7E-08	1.9E-06	3.5E-15	3.0E-13
Dimethyl phthalate	9.2E-19					4.8E-09	8.5E-08	5.9E-10	2.8E-08		
Di-n-butyl phthalate	2.4E-14	4.6E-17	9.5E-16	5.5E-17	2.3E-15	1.3E-07	5.4E-06	1.6E-08	1.8E-06	2.7E-18	2.4E-16
Di-n-octyl phthalate	1.8E-19	1.3E-16	1.2E-15	1.6E-16	2.9E-15	9.2E-09	1.6E-07	1.1E-09	5.5E-08	7.8E-18	3.2E-16

Table H-19 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	9.6E-17					6.3E-07	1.1E-05	7.9E-08	3.8E-06		
Isopropanol						4.6E-02					
Phenol	2.1E-15					4.3E-06	1.8E-04	5.4E-07	5.9E-05		
Pyridine	1.1E-16					4.1E-07	1.7E-05	5.1E-08	5.7E-06		
TRS											
Total Reduced Sulfur						4.2E-06	1.8E-04	5.2E-07	6.0E-05		
VOCs											
1,1,1,2-Tetrachloroethane	3.8E-20					1.9E-09	6.5E-08	2.4E-10	2.2E-08		
1,1,1-Trichloroethane	2.5E-21					1.9E-09	7.1E-08	2.4E-10	2.4E-08		
1,1-Dichloroethene	8.5E-23					3.7E-10	6.6E-09	4.6E-11	2.2E-09		
1,2,3-Trichlorobenzene	2.7E-18					7.6E-09	2.8E-07	9.5E-10	9.4E-08		
1,2,3-Trichloropropane	1.5E-20					1.5E-09	2.8E-08	1.9E-10	9.2E-09		
1,2,4-Trimethylbenzene						8.9E-08	2.8E-06	1.1E-08	9.4E-07		
1,2-Dibromoethane	5.3E-21					9.9E-10	1.8E-08	1.2E-10	5.9E-09		
1,2-Dichloroethane	1.7E-19					4.0E-08	1.5E-06	1.4E-05	5.0E-07		
1,3,5-Trimethylbenzene	8.6E-19					8.4E-08	2.5E-06	1.0E-08	8.3E-07		
1,3-Dichloropropane						9.6E-10	1.7E-08	1.2E-10	5.7E-09		
2-Butanone	3.5E-17					4.7E-07	1.9E-05	5.9E-08	6.2E-06		
2-Chlorotoluene						2.1E-08	8.7E-07	2.6E-09	2.9E-07		
2-Hexanone						9.7E-08	3.5E-06	1.2E-08	1.2E-06		
Benzene	2.8E-17					1.6E-03	4.9E-04	1.4E-04	1.6E-04		
Bromobenzene						5.3E-07	9.5E-06	6.6E-08	3.2E-06		
Bromochloromethane						1.3E-09	2.2E-08	1.6E-10	7.5E-09		
Bromodichloromethane	4.5E-21					1.4E-09	2.4E-08	1.7E-10	8.1E-09		

Table H-19 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromomethane	1.9E-20					5.4E-08	1.6E-06	6.8E-09	5.5E-07		
Carbon disulfide	1.8E-20					4.8E-08	1.4E-06	6.0E-09	4.7E-07		
Carbon tetrachloride	1.9E-21					2.0E-03	5.6E-08	2.2E-04	1.9E-08		
Chlorobenzene	6.7E-19					6.9E-08	2.5E-06	8.6E-09	8.2E-07		
Chlorodibromomethane	2.6E-19					3.4E-08	6.0E-07	4.2E-09	2.0E-07		
Chloroethane	5.3E-20					1.3E-07	4.5E-06	1.6E-08	1.5E-06		
Chloroform	4.0E-20					4.6E-04	5.5E-07	3.4E-05	1.8E-07		
Chloromethane	1.4E-19					4.4E-07	1.3E-05	5.5E-08	4.5E-06		
cis-1,2-Dichloroethene	5.4E-20					5.7E-08	1.0E-06	7.1E-09	3.4E-07		
cis-1,3-Dichloropropene						3.5E-10	6.2E-09	4.3E-11	2.1E-09		
Dibromomethane	6.0E-21					2.9E-09	5.2E-08	3.6E-10	1.7E-08		
Dichlorodifluoromethane	6.7E-23					3.6E-09	6.3E-08	4.4E-10	2.1E-08		
Ethylbenzene	2.1E-17					7.5E-04	1.1E-04	3.5E-07	3.5E-05		
Isopropylbenzene	2.8E-20					2.3E-07	7.7E-06	2.8E-08	2.6E-06		
m&p-Xylene	3.4E-18					5.2E-07	1.8E-05	6.5E-08	5.9E-06		
Methyl Isobutyl Ketone (4-methyl-2-per	3.4E-20					5.1E-09	9.1E-08	6.4E-10	3.0E-08		
Methylene chloride	3.7E-19					2.6E-07	9.5E-06	3.2E-08	3.2E-06		
n-Butylbenzene						1.1E-07	3.3E-06	1.4E-08	1.1E-06		
n-Propylbenzene						1.3E-07	4.4E-06	1.7E-08	1.5E-06		
o-Xylene	4.0E-18					3.3E-07	1.1E-05	4.1E-08	3.6E-06		
p-Chlorotoluene						7.9E-09	2.4E-07	9.9E-10	8.0E-08		
p-Isopropyltoluene						5.5E-08	1.3E-06	6.9E-09	4.4E-07		
sec-Butylbenzene						2.0E-08	6.2E-07	2.5E-09	2.1E-07		
Styrene	1.3E-16					7.3E-06	2.7E-04	9.1E-07	8.9E-05		

Table H-19 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						6.5E-07	1.2E-05	8.2E-08	3.9E-06		
Tetrachloroethene	9.4E-21					1.7E-09	6.0E-08	2.2E-10	2.0E-08		
Toluene	2.2E-17					4.5E-06	1.8E-04	5.6E-07	5.9E-05		
trans-1,2-Dichloroethene	8.4E-19					1.2E-06	2.2E-05	1.5E-07	7.2E-06		
trans-1,3-Dichloropropene						6.0E-10	1.1E-08	7.5E-11	3.6E-09		
Trichloroethene	9.7E-23					5.2E-04	1.9E-09	1.3E-11	6.2E-10		
Trichlorofluoromethane	1.5E-22					1.2E-09	2.2E-08	1.6E-10	7.4E-09		
Vinyl chloride	6.9E-21					4.2E-05	1.7E-06	8.8E-09	5.7E-07		

Table H-20 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	3.0E-05	1.0E-07	9.9E-06		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	5.2E-05	1.8E-07	1.7E-05		
Formaldehyde	4.5E-13					6.2E-07	2.0E-05	7.7E-08	6.8E-06		
Propionaldehyde				2.2E-15	7.2E-14	1.6E-07	5.8E-06	2.0E-08	1.9E-06	1.7E-14	1.2E-12
CO											
Carbon monoxide						4.5E-05	1.7E-03	5.6E-06	5.6E-04		
CO2											
Carbon dioxide						1.4E-06	5.0E-05	1.8E-07	1.7E-05		
Criteria											
Sulfur Dioxide						3.8E-07	1.2E-05	4.7E-08	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	2.6E-14	5.5E-15	2.1E-13	8.5E-13	3.4E-11	1.1E-13	1.1E-11	2.7E-19	2.2E-17
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.6E-14	5.5E-15	2.1E-13	8.6E-13	3.4E-11	1.1E-13	1.1E-11	2.7E-19	2.2E-17
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	3.1E-15	6.4E-16	2.5E-14	1.1E-13	4.4E-12	1.4E-14	1.5E-12	3.1E-20	2.7E-18
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	3.0E-15	6.2E-16	2.4E-14	1.0E-13	4.1E-12	1.3E-14	1.4E-12	3.1E-20	2.6E-18
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	2.4E-14	4.9E-15	1.9E-13	8.3E-13	3.3E-11	1.0E-13	1.1E-11	2.4E-19	2.1E-17
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	6.2E-15	1.3E-15	4.9E-14	2.1E-13	8.7E-12	2.7E-14	2.9E-12	6.2E-20	5.3E-18
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	8.0E-15	1.6E-15	6.3E-14	2.7E-13	1.1E-11	3.4E-14	3.6E-12	7.9E-20	6.8E-18
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	9.8E-15	2.0E-15	7.7E-14	3.2E-13	1.3E-11	4.1E-14	4.4E-12	9.8E-20	8.3E-18
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	5.8E-16	1.2E-16	4.5E-15	2.1E-14	8.4E-13	2.6E-15	2.8E-13	5.7E-21	4.9E-19
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	3.5E-15	7.0E-16	2.8E-14	1.3E-13	5.3E-12	1.6E-14	1.8E-12	3.5E-20	3.0E-18
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	4.1E-15	8.3E-16	3.3E-14	1.8E-13	7.5E-12	2.3E-14	2.5E-12	4.0E-20	3.5E-18

Table H-20 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	1.2E-14	2.5E-15	9.5E-14	4.2E-13	1.7E-11	5.2E-14	5.6E-12	1.2E-19	1.0E-17
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	9.9E-15	2.0E-15	7.8E-14	4.1E-13	1.7E-11	5.2E-14	5.6E-12	9.7E-20	8.4E-18
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.2E-16	1.4E-16	4.1E-15	5.2E-14	1.7E-12	6.5E-15	5.8E-13	4.9E-18	3.1E-16
2,3,7,8-TCDF	8.0E-18	6.6E-17	1.3E-15	2.6E-16	1.0E-14	1.9E-13	7.8E-12	2.4E-14	2.6E-12	1.3E-20	1.1E-18
OCDD	1.8E-20	9.4E-16	1.7E-14	3.7E-15	1.4E-13	5.6E-13	2.2E-11	7.0E-14	7.4E-12	1.8E-19	1.5E-17
OCDF	6.7E-21	3.6E-16	6.5E-15	1.4E-15	5.1E-14	2.1E-13	8.2E-12	2.6E-14	2.7E-12	7.0E-20	5.5E-18
HCN											
Hydrogen cyanide						1.6E-07	6.2E-06	2.0E-08	2.1E-06		
Metals											
Aluminum				9.4E-03						4.6E-07	
Antimony	1.6E-17			4.3E-07		1.0E-08	2.6E-07	1.3E-09	8.6E-08	2.1E-11	
Arsenic	8.1E-16	2.0E-07	4.8E-17	4.6E-07	2.3E-16	5.9E-10	2.1E-08	7.4E-11	7.0E-09	3.8E-11	4.1E-20
Barium	2.3E-12			3.1E-09	1.1E-07	1.3E-07	3.4E-06	1.6E-08	1.1E-06	1.5E-13	1.2E-11
Beryllium	3.3E-17			1.0E-15	3.9E-14	4.3E-11	1.5E-09	5.4E-12	4.8E-10	5.1E-20	4.3E-18
Cadmium	8.3E-15			8.2E-16	3.1E-14	7.6E-10	2.6E-08	9.5E-11	8.8E-09	4.0E-20	3.4E-18
Chromium	2.6E-15			8.3E-11	3.2E-09	6.5E-09	2.3E-07	8.1E-10	7.7E-08	4.1E-15	3.5E-13
Cobalt				1.8E-05	1.0E-08	9.8E-09	1.8E-07	1.2E-09	6.0E-08	8.8E-10	1.1E-12
Copper				3.4E-10	1.3E-08	1.8E-08	6.1E-07	2.2E-09	2.0E-07	1.6E-14	1.4E-12
Iron				1.7E-02						8.4E-07	
Lead	6.9E-18			8.6E-05	3.8E-12	6.0E-09	2.0E-07	7.5E-10	6.5E-08	4.2E-09	4.1E-16
Manganese				8.0E-13	3.1E-11	5.5E-09	1.9E-07	6.8E-10	6.3E-08	3.9E-17	3.3E-15
Mercury (+2)				3.4E-14	1.1E-12	2.4E-11	8.3E-10	2.9E-12	2.8E-10	1.7E-18	1.1E-16
Mercury, elemental				2.3E-08		9.8E-14	3.5E-12	1.2E-14	1.2E-12	4.3E-08	
Methyl Mercury	8.7E-15			2.0E-15	7.9E-14					1.0E-19	8.5E-18

Table H-20 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			4.0E-04	1.6E-13	3.5E-09	1.2E-07	4.3E-10	4.0E-08	2.0E-08	1.7E-17
Phosphorus				7.5E-15	2.8E-13	2.6E-08	8.6E-07	3.3E-09	2.9E-07	7.2E-14	5.9E-12
Selenium	2.8E-16			4.0E-17	1.6E-15	1.7E-10	6.1E-09	2.2E-11	2.0E-09	2.0E-21	1.7E-19
Silver	2.1E-16			8.4E-13	3.1E-11	1.1E-10	3.7E-09	1.4E-11	1.2E-09	4.1E-17	3.4E-15
Titanium				8.0E-15	3.2E-13	6.1E-11	2.3E-09	7.6E-12	7.6E-10	3.9E-19	3.5E-17
Zinc	4.1E-12			1.8E-13	6.5E-12	1.4E-07	3.9E-06	1.7E-08	1.3E-06	9.0E-18	7.0E-16
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	5.2E-05	2.0E-07	1.7E-05		
PAHs											
1-Methylnaphthalene		2.4E-16	4.9E-15	2.2E-16	8.9E-15	3.3E-08	1.4E-06	4.1E-09	4.6E-07	2.5E-16	2.2E-14
1-Methylphenanthrene				1.5E-13	6.0E-12	3.9E-09	1.7E-07	4.9E-10	5.5E-08	7.1E-18	6.5E-16
2,3,5-Trimethylnaphthalene				6.8E-14	3.0E-12	1.9E-09	8.4E-08	2.4E-10	2.8E-08	3.3E-18	3.2E-16
2,6-Dimethylnaphthalene				1.9E-13	7.9E-12	5.1E-09	2.2E-07	6.4E-10	7.3E-08	9.1E-18	8.5E-16
2-Methylnaphthalene		2.3E-16	4.7E-15	2.1E-16	8.6E-15	3.2E-08	1.3E-06	4.0E-09	4.4E-07	2.4E-16	2.2E-14
Acenaphthylene				6.0E-13	2.5E-11	1.9E-08	8.0E-07	2.4E-09	2.7E-07	2.9E-17	2.7E-15
Acenaphthene	3.4E-15					3.5E-09	1.4E-07	4.3E-10	4.8E-08		
Anthracene	4.3E-14					6.1E-09	2.6E-07	7.6E-10	8.6E-08		
Benzo(a)anthracene	6.2E-12	9.0E-06	4.4E-11	8.1E-06	8.0E-11	3.0E-09	1.3E-07	3.7E-10	4.3E-08	1.2E-07	2.7E-12
Benzo(a)pyrene	3.1E-12	7.5E-06	1.8E-11	6.8E-06	3.3E-11	1.2E-09	4.9E-08	1.5E-10	1.6E-08	3.4E-10	3.6E-15
Benzo(b)fluoranthene	8.3E-13	1.2E-05	1.0E-12	1.1E-05	1.8E-12	1.3E-09	5.3E-08	1.6E-10	1.8E-08	5.5E-10	2.0E-16
Benzo(e)pyrene				3.4E-14	1.3E-12	1.0E-09	4.1E-08	1.3E-10	1.4E-08	1.7E-18	1.4E-16
Benzo(g,h,i)perylene				2.5E-14	1.0E-12	7.7E-10	3.2E-08	9.6E-11	1.1E-08	1.2E-18	1.1E-16
Benzo(k)fluoranthene	7.4E-15	6.6E-06	6.4E-13	6.0E-06	1.2E-12	1.2E-11	2.1E-10	1.5E-12	6.9E-11	2.9E-10	1.3E-16
Biphenyl				3.3E-15	1.4E-13	1.1E-07	4.7E-06	1.4E-08	1.6E-06	2.0E-15	1.8E-13

Table H-20 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	1.1E-12	9.4E-06	5.5E-11	8.6E-06	9.9E-11	5.1E-09	2.1E-07	6.4E-10	7.1E-08	4.2E-10	1.1E-14
Dibenze(a,h)anthracene	1.6E-13	1.5E-06	6.7E-12	1.3E-06	1.2E-11	1.9E-10	7.6E-09	2.3E-11	2.5E-09	6.5E-11	1.3E-15
Fluoranthene	2.8E-13	6.7E-14	1.4E-12	6.1E-14	2.5E-12	7.5E-09	3.1E-07	9.4E-10	1.0E-07	3.0E-18	2.7E-16
Fluorene	6.1E-14					1.9E-08	7.9E-07	2.3E-09	2.6E-07		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.9E-06	1.8E-11	1.8E-06	3.3E-11	6.2E-10	2.5E-08	7.7E-11	8.5E-09	8.6E-11	3.6E-15
Napthalene	2.8E-14	1.9E-07		1.7E-07		1.5E-07	6.2E-06	1.9E-08	2.1E-06	2.5E-07	
Perylene				1.3E-14	6.2E-13	4.6E-10	2.0E-08	5.8E-11	6.8E-09	6.5E-19	6.6E-17
Phenanthrene	2.9E-13					3.5E-08	1.5E-06	4.4E-09	4.8E-07		
Pyrene	2.0E-13	2.5E-13	5.1E-12	2.3E-13	9.3E-12	7.3E-09	3.0E-07	9.1E-10	1.0E-07	6.4E-15	5.8E-13
Particulate											
Particulate Total Suspended Particulate				3.0E-09	1.2E-07	2.3E-05	9.0E-04	2.9E-06	3.0E-04	1.5E-13	1.3E-11
PM<10				3.8E-09	1.6E-07	3.1E-05	1.2E-03	3.9E-06	4.0E-04	1.9E-13	1.7E-11
PM<2.5				3.2E-09	1.3E-07	2.6E-05	1.0E-03	3.3E-06	3.5E-04	1.6E-13	1.4E-11
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	1.3E-14	5.5E-16	2.2E-14	9.3E-11	3.8E-09	1.2E-11	1.3E-09	5.1E-17	4.5E-15
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.4E-15	6.3E-17	2.4E-15	1.3E-12	5.1E-11	1.6E-13	1.7E-11	3.2E-18	2.7E-16
Hexachlorobiphenyl	9.3E-16	3.4E-16	6.1E-15	2.9E-16	1.0E-14	5.3E-12	2.1E-10	6.7E-13	6.9E-11	1.5E-17	1.1E-15
Monochlorobiphenyl	4.3E-14	4.5E-15	9.0E-14	3.8E-15	1.5E-13	6.5E-10	2.7E-08	8.1E-11	8.9E-09	3.5E-16	3.1E-14
Nonachlorobiphenyl	2.9E-17	1.3E-17	2.1E-16	1.1E-17	3.5E-16	1.8E-13	6.4E-12	2.2E-14	2.1E-12	5.7E-19	3.9E-17
Octachlorobiphenyl	6.8E-17	2.4E-17	4.4E-16	2.0E-17	7.5E-16	3.9E-13	1.5E-11	4.9E-14	5.1E-12	1.0E-18	8.4E-17
Pentachlorobiphenyl	3.1E-15	1.2E-15	2.1E-14	1.0E-15	3.5E-14	1.8E-11	6.9E-10	2.3E-12	2.3E-10	5.2E-17	3.9E-15
Tetrachlorobiphenyl	1.8E-15	2.5E-16	4.2E-15	2.1E-16	7.1E-15	3.0E-11	1.1E-09	3.8E-12	3.8E-10	2.0E-17	1.5E-15
Trichlorobiphenyl	2.4E-15	3.0E-16	5.3E-15	2.5E-16	9.0E-15	3.8E-11	1.5E-09	4.8E-12	4.9E-10	2.3E-17	1.8E-15
Pesticides											

Table H-20 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
DDE				6.4E-07						2.0E-08	
Dieldrin		6.2E-08		7.3E-08						3.6E-12	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	8.7E-09	3.4E-11	2.9E-09		
1,2-dichlorobenzene	2.8E-18					1.1E-10	1.9E-09	1.4E-11	6.5E-10		
1,3-Butadiene						2.7E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	5.5E-09	2.0E-11	1.8E-09		
1,4-dichlorobenzene	9.2E-17					1.5E-09	6.8E-08	1.9E-10	2.3E-08		
2,4-Dimethylphenol	2.5E-15					2.4E-08	9.5E-07	3.0E-09	3.2E-07		
2-Chlorophenol	1.3E-16					4.7E-09	2.1E-07	5.9E-10	6.9E-08		
2-Methylphenol	5.3E-14					5.6E-08	2.3E-06	7.0E-09	7.8E-07		
2-Nitrophenol	3.2E-16					7.6E-09	3.1E-07	9.4E-10	1.0E-07		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.5E-10	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.8E-16	1.7E-14
4-Nitrophenol	6.5E-16					1.3E-08	4.8E-07	1.6E-09	1.6E-07		
Acetophenone	3.9E-15					1.2E-07	4.9E-06	1.5E-08	1.6E-06		
Benzoic acid	1.6E-14					5.4E-07	2.2E-05	6.7E-08	7.5E-06		
Benzyl alcohol	9.8E-18					4.5E-09	1.4E-07	5.6E-10	4.5E-08		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	1.2E-10	8.0E-12	2.9E-10	1.9E-07	7.4E-06	2.4E-08	2.5E-06	3.9E-16	3.1E-14
Butyl benzyl phthalate	1.8E-13	3.3E-15	6.6E-14	3.8E-15	1.6E-13	6.0E-09	2.5E-07	7.5E-10	8.3E-08	1.9E-19	1.7E-17
Carbazole				1.4E-14	2.6E-13	1.7E-10	3.0E-09	2.1E-11	1.0E-09	6.9E-19	2.8E-17
Dibenzofuran		1.4E-16	2.9E-15	5.7E-16	2.3E-14	9.5E-09	3.9E-07	1.2E-09	1.3E-07	2.4E-16	2.1E-14
Dimethyl phthalate	6.5E-17					3.3E-10	5.9E-09	4.2E-11	2.0E-09		
Di-n-butyl phthalate	1.7E-12	3.3E-15	6.7E-14	3.9E-15	1.6E-13	9.2E-09	3.8E-07	1.1E-09	1.3E-07	1.9E-19	1.7E-17
Di-n-octyl phthalate	1.3E-17	9.4E-15	8.7E-14	1.1E-14	2.1E-13	6.4E-10	1.1E-08	8.0E-11	3.8E-09	5.5E-19	2.2E-17

Table H-20 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	7.9E-07	5.5E-09	2.6E-07		
Isopropanol						3.2E-03					
Phenol	1.5E-13					3.0E-07	1.2E-05	3.8E-08	4.2E-06		
Pyridine	7.7E-15					2.9E-08	1.2E-06	3.6E-09	4.0E-07		
TRS											
Total Reduced Sulfur						2.9E-07	1.3E-05	3.6E-08	4.2E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	4.6E-09	1.7E-11	1.5E-09		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	5.0E-09	1.7E-11	1.7E-09		
1,1-Dichloroethene	6.0E-21					2.6E-11	4.6E-10	3.2E-12	1.5E-10		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	2.0E-08	6.7E-11	6.6E-09		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	1.9E-09	1.4E-11	6.4E-10		
1,2,4-Trimethylbenzene						6.2E-09	2.0E-07	7.8E-10	6.6E-08		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.2E-09	8.6E-12	4.1E-10		
1,2-Dichloroethane	1.2E-17					2.8E-09	1.0E-07	1.0E-06	3.5E-08		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.7E-07	7.3E-10	5.8E-08		
1,3-Dichloropropane						6.7E-11	1.2E-09	8.4E-12	4.0E-10		
2-Butanone	2.4E-15					3.3E-08	1.3E-06	4.1E-09	4.4E-07		
2-Chlorotoluene						1.5E-09	6.1E-08	1.8E-10	2.0E-08		
2-Hexanone						6.8E-09	2.5E-07	8.4E-10	8.2E-08		
Benzene	2.0E-15					1.1E-04	3.4E-05	9.7E-06	1.1E-05		
Bromobenzene						3.7E-08	6.6E-07	4.7E-09	2.2E-07		
Bromochloromethane						8.8E-11	1.6E-09	1.1E-11	5.2E-10		
Bromodichloromethane	3.1E-19					9.5E-11	1.7E-09	1.2E-11	5.7E-10		

Table H-20 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	1.1E-07	4.8E-10	3.8E-08		
Carbon disulfide	1.3E-18					3.3E-09	9.8E-08	4.2E-10	3.3E-08		
Carbon tetrachloride	1.3E-19					1.4E-04	3.9E-09	1.5E-05	1.3E-09		
Chlorobenzene	4.7E-17					4.8E-09	1.7E-07	6.0E-10	5.7E-08		
Chlorodibromomethane	1.8E-17					2.4E-09	4.2E-08	3.0E-10	1.4E-08		
Chloroethane	3.7E-18					9.1E-09	3.2E-07	1.1E-09	1.1E-07		
Chloroform	2.8E-18					3.2E-05	3.8E-08	2.4E-06	1.3E-08		
Chloromethane	9.8E-18					3.1E-08	9.4E-07	3.9E-09	3.1E-07		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	7.1E-08	5.0E-10	2.4E-08		
cis-1,3-Dichloropropene						2.4E-11	4.3E-10	3.0E-12	1.4E-10		
Dibromomethane	4.2E-19					2.0E-10	3.6E-09	2.5E-11	1.2E-09		
Dichlorodifluoromethane	4.7E-21					2.5E-10	4.4E-09	3.1E-11	1.5E-09		
Ethylbenzene	1.5E-15					5.3E-05	7.4E-06	2.4E-08	2.5E-06		
Isopropylbenzene	2.0E-18					1.6E-08	5.4E-07	2.0E-09	1.8E-07		
m&p-Xylene	2.4E-16					3.6E-08	1.2E-06	4.6E-09	4.1E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	6.4E-09	4.5E-11	2.1E-09		
Methylene chloride	2.6E-17					1.8E-08	6.6E-07	2.3E-09	2.2E-07		
n-Butylbenzene						7.8E-09	2.3E-07	9.7E-10	7.7E-08		
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07		
o-Xylene	2.8E-16					2.3E-08	7.6E-07	2.9E-09	2.5E-07		
p-Chlorotoluene						5.5E-10	1.7E-08	6.9E-11	5.6E-09		
p-Isopropyltoluene						3.8E-09	9.2E-08	4.8E-10	3.1E-08		
sec-Butylbenzene						1.4E-09	4.3E-08	1.8E-10	1.4E-08		
Styrene	9.4E-15					5.1E-07	1.9E-05	6.4E-08	6.2E-06		

Table H-20 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						4.6E-08	8.1E-07	5.7E-09	2.7E-07		
Tetrachloroethene	6.6E-19					1.2E-10	4.2E-09	1.5E-11	1.4E-09		
Toluene	1.6E-15					3.2E-07	1.2E-05	3.9E-08	4.1E-06		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	1.5E-06	1.1E-08	5.0E-07		
trans-1,3-Dichloropropene						4.2E-11	7.5E-10	5.3E-12	2.5E-10		
Trichloroethene	6.8E-21					3.7E-05	1.3E-10	9.1E-13	4.3E-11		
Trichlorofluoromethane	1.0E-20					8.7E-11	1.6E-09	1.1E-11	5.2E-10		
Vinyl chloride	4.8E-19					3.0E-06	1.2E-07	6.2E-10	4.0E-08		

Table H-21 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			1.2E-05	1.5E-06	
Aldehydes					
Acetaldehyde			2.1E-05	2.6E-06	
Formaldehyde			8.8E-06	1.1E-06	
Propionaldehyde		3.2E-17	2.3E-06	2.8E-07	2.4E-13
CO					
Carbon monoxide			6.4E-04	8.0E-05	
CO2					
Carbon dioxide			2.0E-05	2.5E-06	
Criteria					
Sulfur Dioxide			5.4E-06	6.8E-07	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	1.1E-17	4.2E-17	1.2E-11	1.5E-12	2.1E-18
1,2,3,4,6,7,8-HpCDF	1.1E-17	4.3E-17	1.2E-11	1.5E-12	2.1E-18
1,2,3,4,7,8,9-HpCDF	1.2E-18	4.9E-18	1.6E-12	1.9E-13	2.4E-19
1,2,3,4,7,8-HxCDD	1.2E-18	4.8E-18	1.5E-12	1.8E-13	2.4E-19
1,2,3,4,7,8-HxCDF	9.7E-18	3.8E-17	1.2E-11	1.5E-12	1.9E-18
1,2,3,6,7,8-HxCDD	2.5E-18	9.8E-18	3.1E-12	3.8E-13	4.8E-19
1,2,3,6,7,8-HxCDF	3.2E-18	1.2E-17	3.8E-12	4.8E-13	6.1E-19
1,2,3,7,8,9-HxCDD	3.9E-18	1.5E-17	4.6E-12	5.8E-13	7.6E-19
1,2,3,7,8,9-HxCDF	2.3E-19	8.9E-19	2.9E-13	3.7E-14	4.4E-20

Table H-21 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	1.4E-18	5.4E-18	1.8E-12	2.3E-13	2.7E-19
1,2,3,7,8-PeCDF	1.6E-18	6.4E-18	2.6E-12	3.3E-13	3.1E-19
2,3,4,6,7,8-HxCDF	5.0E-18	2.0E-17	5.9E-12	7.4E-13	9.6E-19
2,3,4,7,8-PeCDF	3.9E-18	1.5E-17	5.9E-12	7.4E-13	7.5E-19
2,3,7,8-TCDD	2.8E-19	1.1E-18	7.4E-13	9.3E-14	3.8E-17
2,3,7,8-TCDF	5.1E-19	2.0E-18	2.7E-12	3.4E-13	9.9E-20
OCDD	7.3E-18	2.9E-17	8.0E-12	1.0E-12	1.4E-18
OCDF	2.8E-18	1.1E-17	3.0E-12	3.8E-13	5.4E-19
HCN					
Hydrogen cyanide			2.3E-06	2.8E-07	
Metals					
Aluminum		1.5E-04			7.6E-06
Antimony		3.7E-09	1.5E-07	1.9E-08	1.8E-10
Arsenic	8.5E-09	2.0E-08	8.5E-09	1.1E-09	1.6E-09
Barium		2.5E-11	1.8E-06	2.2E-07	1.2E-12
Beryllium		1.5E-17	6.1E-10	7.7E-11	7.3E-19
Cadmium		1.2E-17	1.1E-08	1.4E-09	5.7E-19
Chromium		7.6E-13	9.2E-08	1.2E-08	3.7E-14
Cobalt		4.5E-07	1.4E-07	1.8E-08	2.2E-08
Copper		2.8E-12	2.5E-07	3.2E-08	1.4E-13
Iron		3.6E-04			1.8E-05
Lead		1.3E-06	8.5E-08	1.1E-08	6.3E-08

Table H-21 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		1.1E-14	7.8E-08	9.7E-09	5.6E-16
Mercury (+2)		2.4E-16	3.4E-10	4.2E-11	1.2E-17
Mercury, elemental		1.4E-08	1.4E-12	1.8E-13	2.7E-05
Methyl Mercury		1.5E-17			7.1E-19
Nickel		8.3E-06	5.0E-08	6.2E-09	4.1E-07
Phosphorus		1.1E-16	3.8E-07	4.7E-08	1.0E-12
Selenium		5.8E-19	2.5E-09	3.1E-10	2.8E-20
Silver		9.3E-15	1.6E-09	2.0E-10	4.5E-16
Thallium (Soluble Salts)		3.8E-09			1.9E-10
Titanium		1.1E-16	8.7E-10	1.1E-10	5.6E-18
Zinc		2.6E-15	2.0E-06	2.4E-07	1.3E-16
NOx					
NOx (Oxides of Nitrogen)			2.2E-05	2.8E-06	
PAHs					
1-Methylnaphthalene	3.4E-18	3.1E-18	4.7E-07	5.9E-08	3.5E-15
1-Methylphenanthrene		2.1E-15	5.6E-08	7.0E-09	1.0E-16
2,3,5-Trimethylnaphthalene		9.7E-16	2.8E-08	3.5E-09	4.7E-17
2,6-Dimethylnaphthalene		2.6E-15	7.4E-08	9.2E-09	1.3E-16
2-Methylnaphthalene	3.3E-18	3.0E-18	4.6E-07	5.7E-08	3.4E-15
Acenaphthylene		8.5E-15	2.7E-07	3.4E-08	4.2E-16
Acenaphthene			4.9E-08	6.2E-09	
Anthracene			8.7E-08	1.1E-08	

Table H-21 (Lifetime Average Daily Dose)

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Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)anthracene	1.3E-09	1.2E-09	4.3E-08	5.3E-09	1.8E-08
Benzo(a)pyrene	1.2E-09	1.1E-09	1.7E-08	2.1E-09	5.4E-11
Benzo(b)fluoranthene	1.9E-09	1.7E-09	1.9E-08	2.3E-09	8.4E-11
Benzo(e)pyrene		4.9E-16	1.4E-08	1.8E-09	2.4E-17
Benzo(g,h,i)perylene		3.6E-16	1.1E-08	1.4E-09	1.8E-17
Benzo(k)fluoranthene	1.0E-09	9.2E-10	1.7E-10	2.1E-11	4.5E-11
Biphenyl		4.8E-17	1.6E-06	2.0E-07	2.8E-14
Chrysene	1.6E-09	1.5E-09	7.3E-08	9.1E-09	7.2E-11
Dibenzo(a,h)anthracene	2.8E-10	2.6E-10	2.7E-09	3.3E-10	1.3E-11
Fluoranthene	8.6E-16	7.8E-16	1.1E-07	1.3E-08	3.8E-17
Fluorene			2.7E-07	3.3E-08	
Indeno(1,2,3-cd)pyrene	8.1E-10	7.3E-10	8.8E-09	1.1E-09	3.6E-11
Napthalene			2.1E-06	2.7E-07	
Perylene		1.9E-16	6.6E-09	8.2E-10	9.2E-18
Phenanthrene			5.0E-07	6.3E-08	
Pyrene	2.4E-15	2.2E-15	1.0E-07	1.3E-08	6.0E-14
Particulate					
Particulate Total Suspended Particulate		4.3E-11	3.3E-04	4.2E-05	2.1E-12
PM<10		5.5E-11	4.4E-04	5.5E-05	2.7E-12
PM<2.5		4.5E-11	3.8E-04	4.7E-05	2.2E-12
PCBs					
Dichlorobiphenyl	5.1E-18	4.3E-18	1.3E-09	1.7E-10	4.0E-16

Table H-21 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Heptachlorobiphenyl	5.8E-19	4.9E-19	1.8E-11	2.3E-12	2.5E-17
Hexachlorobiphenyl	2.6E-18	2.2E-18	7.6E-11	9.5E-12	1.1E-16
Monochlorobiphenyl	3.5E-17	3.0E-17	9.2E-09	1.2E-09	2.8E-15
Nonachlorobiphenyl	1.0E-19	8.6E-20	2.6E-12	3.2E-13	4.4E-18
Octachlorobiphenyl	1.9E-19	1.6E-19	5.5E-12	6.9E-13	8.1E-18
Pentachlorobiphenyl	9.4E-18	7.9E-18	2.6E-10	3.3E-11	4.0E-16
Tetrachlorobiphenyl	1.9E-18	1.6E-18	4.3E-10	5.4E-11	1.5E-16
Trichlorobiphenyl	2.3E-18	2.0E-18	5.5E-10	6.8E-11	1.8E-16
Pesticides					
DDE		1.3E-09			4.1E-08
Dieldrin	6.7E-12	8.0E-12			3.9E-13
SVOCs					
1,2,4-trichlorobenzene			3.9E-09	4.8E-10	
1,2-dichlorobenzene			1.6E-09	1.9E-10	
1,3-dichlorobenzene			2.3E-09	2.9E-10	
1,4-dichlorobenzene			2.2E-08	2.7E-09	
1,4-Dioxane			1.8E-03		
2,4-Dimethylphenol			3.4E-07	4.2E-08	
2-Chlorophenol			6.8E-08	8.5E-09	
2-Methylphenol			8.0E-07	9.9E-08	
2-Nitrophenol			1.1E-07	1.3E-08	
3-Methylphenol & 4-Methylphenol		5.3E-14	1.4E-06	1.8E-07	2.6E-15

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
4-Nitrophenol			1.8E-07	2.2E-08	
Acetophenone			1.7E-06	2.1E-07	
Benzoic acid			7.7E-06	9.6E-07	
Benzyl alcohol			6.4E-08	8.0E-09	
bis(2-Ethylhexyl) phthalate	9.6E-14	1.1E-13	2.7E-06	3.4E-07	5.5E-15
Butyl benzyl phthalate	4.6E-17	5.5E-17	8.5E-08	1.1E-08	2.7E-18
Carbazole		2.0E-16	2.4E-09	3.0E-10	9.8E-18
Dibenzofuran	2.1E-18	8.1E-18	1.4E-07	1.7E-08	3.5E-15
Dimethyl phthalate			4.8E-09	5.9E-10	
Di-n-butyl phthalate	4.6E-17	5.5E-17	1.3E-07	1.6E-08	2.7E-18
Di-n-octyl phthalate	1.3E-16	1.6E-16	9.2E-09	1.1E-09	7.8E-18
Hexachlorobutadiene			6.3E-07	7.9E-08	
Isopropanol			2.9E-02		
Phenol			4.3E-06	5.4E-07	
Pyridine			4.1E-07	5.1E-08	
TRS					
Total Reduced Sulfur			4.2E-06	5.2E-07	
VOCs					
1,1,1,2-Tetrachloroethane			1.9E-09	2.4E-10	
1,1,1-Trichloroethane			1.9E-09	2.4E-10	
1,1-Dichloroethene			3.7E-10	4.6E-11	
1,2,3-Trichlorobenzene			7.6E-09	9.5E-10	

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Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3-Trichloropropane			1.5E-09	1.9E-10	
1,2,4-Trimethylbenzene			8.9E-08	1.1E-08	
1,2-Dibromoethane			9.9E-10	1.2E-10	
1,2-Dichloroethane			4.0E-08	1.4E-05	
1,3,5-Trimethylbenzene			8.4E-08	1.0E-08	
1,3-Dichloropropane			9.6E-10	1.2E-10	
2-Butanone			4.7E-07	5.9E-08	
2-Chlorotoluene			2.1E-08	2.6E-09	
2-Hexanone			9.7E-08	1.2E-08	
Benzene			9.1E-04	1.4E-04	
Bromobenzene			5.3E-07	6.6E-08	
Bromochloromethane			1.3E-09	1.6E-10	
Bromodichloromethane			1.4E-09	1.7E-10	
Bromomethane			5.4E-08	6.8E-09	
Carbon disulfide			4.8E-08	6.0E-09	
Carbon tetrachloride			1.9E-03	2.2E-04	
Chlorobenzene			6.9E-08	8.6E-09	
Chlorodibromomethane			3.4E-08	4.2E-09	
Chloroethane			1.3E-07	1.6E-08	
Chloroform			6.2E-04	3.4E-05	
Chloromethane			4.4E-07	5.5E-08	
cis-1,2-Dichloroethene			5.7E-08	7.1E-09	

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Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
cis-1,3-Dichloropropene			3.5E-10	4.3E-11	
Dibromomethane			2.9E-09	3.6E-10	
Dichlorodifluoromethane			3.6E-09	4.4E-10	
Ethylbenzene			5.2E-04	3.5E-07	
Isopropylbenzene			2.3E-07	2.8E-08	
m&p-Xylene			5.2E-07	6.5E-08	
Methyl Isobutyl Ketone (4-methyl-2-penta			5.1E-09	6.4E-10	
Methylene chloride			2.6E-07	3.2E-08	
n-Butylbenzene			1.1E-07	1.4E-08	
n-Propylbenzene			1.3E-07	1.7E-08	
o-Xylene			3.3E-07	4.1E-08	
p-Chlorotoluene			7.9E-09	9.9E-10	
p-Isopropyltoluene			5.5E-08	6.9E-09	
sec-Butylbenzene			2.0E-08	2.5E-09	
Styrene			7.3E-06	9.1E-07	
tert-Butylbenzene			6.5E-07	8.2E-08	
Tetrachloroethene			1.7E-09	2.2E-10	
Toluene			4.5E-06	5.6E-07	
trans-1,2-Dichloroethene			1.2E-06	1.5E-07	
trans-1,3-Dichloropropene			6.0E-10	7.5E-11	
Trichloroethene			1.4E-04	1.3E-11	
Trichlorofluoromethane			1.2E-09	1.6E-10	

Table H-21 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Vinyl chloride			2.0E-04	8.8E-09	

Table H-22 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			8.4E-07	1.0E-07	
Aldehydes					
Acetaldehyde			1.4E-06	1.8E-07	
Formaldehyde			6.2E-07	7.7E-08	
Propionaldehyde		2.2E-15	1.6E-07	2.0E-08	1.7E-14
CO					
Carbon monoxide			4.5E-05	5.6E-06	
CO2					
Carbon dioxide			1.4E-06	1.8E-07	
Criteria					
Sulfur Dioxide			3.8E-07	4.7E-08	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	1.4E-15	5.5E-15	8.5E-13	1.1E-13	2.7E-19
1,2,3,4,6,7,8-HpCDF	1.4E-15	5.5E-15	8.6E-13	1.1E-13	2.7E-19
1,2,3,4,7,8,9-HpCDF	1.6E-16	6.4E-16	1.1E-13	1.4E-14	3.1E-20
1,2,3,4,7,8-HxCDD	1.6E-16	6.2E-16	1.0E-13	1.3E-14	3.1E-20
1,2,3,4,7,8-HxCDF	1.3E-15	4.9E-15	8.3E-13	1.0E-13	2.4E-19
1,2,3,6,7,8-HxCDD	3.2E-16	1.3E-15	2.1E-13	2.7E-14	6.2E-20
1,2,3,6,7,8-HxCDF	4.1E-16	1.6E-15	2.7E-13	3.4E-14	7.9E-20
1,2,3,7,8,9-HxCDD	5.1E-16	2.0E-15	3.2E-13	4.1E-14	9.8E-20
1,2,3,7,8,9-HxCDF	2.9E-17	1.2E-16	2.1E-14	2.6E-15	5.7E-21

Table H-22 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	1.8E-16	7.0E-16	1.3E-13	1.6E-14	3.5E-20
1,2,3,7,8-PeCDF	2.1E-16	8.3E-16	1.8E-13	2.3E-14	4.0E-20
2,3,4,6,7,8-HxCDF	6.4E-16	2.5E-15	4.2E-13	5.2E-14	1.2E-19
2,3,4,7,8-PeCDF	5.0E-16	2.0E-15	4.1E-13	5.2E-14	9.7E-20
2,3,7,8-TCDD	3.6E-17	1.4E-16	5.2E-14	6.5E-15	4.9E-18
2,3,7,8-TCDF	6.6E-17	2.6E-16	1.9E-13	2.4E-14	1.3E-20
OCDD	9.4E-16	3.7E-15	5.6E-13	7.0E-14	1.8E-19
OCDF	3.6E-16	1.4E-15	2.1E-13	2.6E-14	7.0E-20
HCN					
Hydrogen cyanide			1.6E-07	2.0E-08	
Metals					
Aluminum		1.1E-02			5.3E-07
Antimony		2.6E-07	1.0E-08	1.3E-09	1.3E-11
Arsenic	6.0E-07	1.4E-06	5.9E-10	7.4E-11	1.2E-10
Barium		3.1E-09	1.3E-07	1.6E-08	1.5E-13
Beryllium		1.0E-15	4.3E-11	5.4E-12	5.1E-20
Cadmium		8.2E-16	7.6E-10	9.5E-11	4.0E-20
Chromium		8.3E-11	6.5E-09	8.1E-10	4.1E-15
Cobalt		3.1E-05	9.8E-09	1.2E-09	1.5E-09
Copper		3.4E-10	1.8E-08	2.2E-09	1.6E-14
Iron		2.5E-02			1.2E-06
Lead		9.0E-05	6.0E-09	7.5E-10	4.4E-09

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Exposure Scenario	Camp Justice
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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		8.0E-13	5.5E-09	6.8E-10	3.9E-17
Mercury (+2)		3.4E-14	2.4E-11	2.9E-12	1.7E-18
Mercury, elemental		9.8E-07	9.8E-14	1.2E-14	1.9E-06
Methyl Mercury		2.0E-15			1.0E-19
Nickel		5.8E-04	3.5E-09	4.3E-10	2.9E-08
Phosphorus		7.5E-15	2.6E-08	3.3E-09	7.2E-14
Selenium		4.0E-17	1.7E-10	2.2E-11	2.0E-21
Silver		8.4E-13	1.1E-10	1.4E-11	4.1E-17
Thallium (Soluble Salts)		2.7E-07			1.3E-11
Titanium		8.0E-15	6.1E-11	7.6E-12	3.9E-19
Zinc		1.8E-13	1.4E-07	1.7E-08	9.0E-18
NOx					
NOx (Oxides of Nitrogen)			1.6E-06	2.0E-07	
PAHs					
1-Methylnaphthalene	2.4E-16	2.2E-16	3.3E-08	4.1E-09	2.5E-16
1-Methylphenanthrene		1.5E-13	3.9E-09	4.9E-10	7.1E-18
2,3,5-Trimethylnaphthalene		6.8E-14	1.9E-09	2.4E-10	3.3E-18
2,6-Dimethylnaphthalene		1.9E-13	5.1E-09	6.4E-10	9.1E-18
2-Methylnaphthalene	2.3E-16	2.1E-16	3.2E-08	4.0E-09	2.4E-16
Acenaphthylene		6.0E-13	1.9E-08	2.4E-09	2.9E-17
Acenaphthene			3.5E-09	4.3E-10	
Anthracene			6.1E-09	7.6E-10	

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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)anthracene	9.0E-08	8.1E-08	3.0E-09	3.7E-10	1.2E-09
Benzo(a)pyrene	8.5E-08	7.7E-08	1.2E-09	1.5E-10	3.8E-12
Benzo(b)fluoranthene	1.3E-07	1.2E-07	1.3E-09	1.6E-10	5.9E-12
Benzo(e)pyrene		3.4E-14	1.0E-09	1.3E-10	1.7E-18
Benzo(g,h,i)perylene		2.5E-14	7.7E-10	9.6E-11	1.2E-18
Benzo(k)fluoranthene	7.1E-08	6.4E-08	1.2E-11	1.5E-12	3.1E-12
Biphenyl		3.3E-15	1.1E-07	1.4E-08	2.0E-15
Chrysene	1.1E-07	1.0E-07	5.1E-09	6.4E-10	5.0E-12
Dibenzo(a,h)anthracene	2.0E-08	1.8E-08	1.9E-10	2.3E-11	8.8E-13
Fluoranthene	6.7E-14	6.1E-14	7.5E-09	9.4E-10	3.0E-18
Fluorene			1.9E-08	2.3E-09	
Indeno(1,2,3-cd)pyrene	5.7E-08	5.1E-08	6.2E-10	7.7E-11	2.5E-12
Napthalene			1.5E-07	1.9E-08	
Perylene		1.3E-14	4.6E-10	5.8E-11	6.5E-19
Phenanthrene			3.5E-08	4.4E-09	
Pyrene	2.5E-13	2.3E-13	7.3E-09	9.1E-10	6.4E-15
Particulate					
Particulate Total Suspended Particulate		3.0E-09	2.3E-05	2.9E-06	1.5E-13
PM<10		3.8E-09	3.1E-05	3.9E-06	1.9E-13
PM<2.5		3.2E-09	2.6E-05	3.3E-06	1.6E-13
PCBs					
Dichlorobiphenyl	6.5E-16	5.5E-16	9.3E-11	1.2E-11	5.1E-17

Table H-22 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Heptachlorobiphenyl	7.5E-17	6.3E-17	1.3E-12	1.6E-13	3.2E-18
Hexachlorobiphenyl	3.4E-16	2.9E-16	5.3E-12	6.7E-13	1.5E-17
Monochlorobiphenyl	4.5E-15	3.8E-15	6.5E-10	8.1E-11	3.5E-16
Nonachlorobiphenyl	1.3E-17	1.1E-17	1.8E-13	2.2E-14	5.7E-19
Octachlorobiphenyl	2.4E-17	2.0E-17	3.9E-13	4.9E-14	1.0E-18
Pentachlorobiphenyl	1.2E-15	1.0E-15	1.8E-11	2.3E-12	5.2E-17
Tetrachlorobiphenyl	2.5E-16	2.1E-16	3.0E-11	3.8E-12	2.0E-17
Trichlorobiphenyl	3.0E-16	2.5E-16	3.8E-11	4.8E-12	2.3E-17
Pesticides					
DDE		9.0E-08			2.9E-09
Dieldrin	4.7E-10	5.6E-10			2.7E-14
SVOCs					
1,2,4-trichlorobenzene			2.7E-10	3.4E-11	
1,2-dichlorobenzene			1.1E-10	1.4E-11	
1,3-dichlorobenzene			1.6E-10	2.0E-11	
1,4-dichlorobenzene			1.5E-09	1.9E-10	
1,4-Dioxane			1.3E-04		
2,4-Dimethylphenol			2.4E-08	3.0E-09	
2-Chlorophenol			4.7E-09	5.9E-10	
2-Methylphenol			5.6E-08	7.0E-09	
2-Nitrophenol			7.6E-09	9.4E-10	
3-Methylphenol & 4-Methylphenol		3.7E-12	1.0E-07	1.3E-08	1.8E-16

Table H-22 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
4-Nitrophenol			1.3E-08	1.6E-09	
Acetophenone			1.2E-07	1.5E-08	
Benzoic acid			5.4E-07	6.7E-08	
Benzyl alcohol			4.5E-09	5.6E-10	
bis(2-Ethylhexyl) phthalate	6.7E-12	8.0E-12	1.9E-07	2.4E-08	3.9E-16
Butyl benzyl phthalate	3.3E-15	3.8E-15	6.0E-09	7.5E-10	1.9E-19
Carbazole		1.4E-14	1.7E-10	2.1E-11	6.9E-19
Dibenzofuran	1.4E-16	5.7E-16	9.5E-09	1.2E-09	2.4E-16
Dimethyl phthalate			3.3E-10	4.2E-11	
Di-n-butyl phthalate	3.3E-15	3.9E-15	9.2E-09	1.1E-09	1.9E-19
Di-n-octyl phthalate	9.4E-15	1.1E-14	6.4E-10	8.0E-11	5.5E-19
Hexachlorobutadiene			4.4E-08	5.5E-09	
Isopropanol			2.0E-03		
Phenol			3.0E-07	3.8E-08	
Pyridine			2.9E-08	3.6E-09	
TRS					
Total Reduced Sulfur			2.9E-07	3.6E-08	
VOCs					
1,1,1,2-Tetrachloroethane			1.3E-10	1.7E-11	
1,1,1-Trichloroethane			1.3E-10	1.7E-11	
1,1-Dichloroethene			2.6E-11	3.2E-12	
1,2,3-Trichlorobenzene			5.3E-10	6.7E-11	

Table H-22 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3-Trichloropropane			1.1E-10	1.4E-11	
1,2,4-Trimethylbenzene			6.2E-09	7.8E-10	
1,2-Dibromoethane			6.9E-11	8.6E-12	
1,2-Dichloroethane			2.8E-09	1.0E-06	
1,3,5-Trimethylbenzene			5.9E-09	7.3E-10	
1,3-Dichloropropane			6.7E-11	8.4E-12	
2-Butanone			3.3E-08	4.1E-09	
2-Chlorotoluene			1.5E-09	1.8E-10	
2-Hexanone			6.8E-09	8.4E-10	
Benzene			6.4E-05	9.7E-06	
Bromobenzene			3.7E-08	4.7E-09	
Bromochloromethane			8.8E-11	1.1E-11	
Bromodichloromethane			9.5E-11	1.2E-11	
Bromomethane			3.8E-09	4.8E-10	
Carbon disulfide			3.3E-09	4.2E-10	
Carbon tetrachloride			1.3E-04	1.5E-05	
Chlorobenzene			4.8E-09	6.0E-10	
Chlorodibromomethane			2.4E-09	3.0E-10	
Chloroethane			9.1E-09	1.1E-09	
Chloroform			4.3E-05	2.4E-06	
Chloromethane			3.1E-08	3.9E-09	
cis-1,2-Dichloroethene			4.0E-09	5.0E-10	

Table H-22 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
cis-1,3-Dichloropropene			2.4E-11	3.0E-12	
Dibromomethane			2.0E-10	2.5E-11	
Dichlorodifluoromethane			2.5E-10	3.1E-11	
Ethylbenzene			3.7E-05	2.4E-08	
Isopropylbenzene			1.6E-08	2.0E-09	
m&p-Xylene			3.6E-08	4.6E-09	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.6E-10	4.5E-11	
Methylene chloride			1.8E-08	2.3E-09	
n-Butylbenzene			7.8E-09	9.7E-10	
n-Propylbenzene			9.4E-09	1.2E-09	
o-Xylene			2.3E-08	2.9E-09	
p-Chlorotoluene			5.5E-10	6.9E-11	
p-Isopropyltoluene			3.8E-09	4.8E-10	
sec-Butylbenzene			1.4E-09	1.8E-10	
Styrene			5.1E-07	6.4E-08	
tert-Butylbenzene			4.6E-08	5.7E-09	
Tetrachloroethene			1.2E-10	1.5E-11	
Toluene			3.2E-07	3.9E-08	
trans-1,2-Dichloroethene			8.4E-08	1.1E-08	
trans-1,3-Dichloropropene			4.2E-11	5.3E-12	
Trichloroethene			1.0E-05	9.1E-13	
Trichlorofluoromethane			8.7E-11	1.1E-11	

Table H-22 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Vinyl chloride			1.4E-05	6.2E-10	

Table H-23 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						1.2E-05	2.8E-05	1.5E-06	1.5E-06		
Aldehydes											
Acetaldehyde	1.3E-15					2.1E-05	4.8E-05	2.6E-06	2.6E-06		
Formaldehyde	6.5E-15					8.8E-06	2.0E-05	1.1E-06	1.1E-06		
Propionaldehyde				3.2E-17	9.0E-17	2.3E-06	5.2E-06	2.8E-07	2.8E-07	2.4E-13	1.5E-12
CO											
Carbon monoxide						6.4E-04	1.5E-03	8.0E-05	8.0E-05		
CO2											
Carbon dioxide						2.0E-05	4.6E-05	2.5E-06	2.5E-06		
Criteria											
Sulfur Dioxide						5.4E-06	1.2E-05	6.8E-07	6.8E-07		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-20	1.1E-17	1.5E-17	4.2E-17	1.2E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	2.1E-18	1.3E-17
1,2,3,4,6,7,8-HpCDF	1.3E-20	1.1E-17	1.5E-17	4.3E-17	1.2E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	2.1E-18	1.3E-17
1,2,3,4,7,8,9-HpCDF	2.1E-21	1.2E-18	1.7E-18	4.9E-18	1.4E-17	1.6E-12	3.6E-12	1.9E-13	1.9E-13	2.4E-19	1.5E-18
1,2,3,4,7,8-HxCDD	1.6E-20	1.2E-18	1.7E-18	4.8E-18	1.3E-17	1.5E-12	3.3E-12	1.8E-13	1.8E-13	2.4E-19	1.5E-18
1,2,3,4,7,8-HxCDF	1.1E-19	9.7E-18	1.4E-17	3.8E-17	1.1E-16	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.9E-18	1.2E-17
1,2,3,6,7,8-HxCDD	3.1E-20	2.5E-18	3.5E-18	9.8E-18	2.7E-17	3.1E-12	7.1E-12	3.8E-13	3.8E-13	4.8E-19	3.0E-18
1,2,3,6,7,8-HxCDF	4.0E-20	3.2E-18	4.4E-18	1.2E-17	3.5E-17	3.8E-12	8.8E-12	4.8E-13	4.8E-13	6.1E-19	3.8E-18
1,2,3,7,8,9-HxCDD	4.3E-20	3.9E-18	5.5E-18	1.5E-17	4.3E-17	4.6E-12	1.1E-11	5.8E-13	5.8E-13	7.6E-19	4.7E-18
1,2,3,7,8,9-HxCDF	3.4E-21	2.3E-19	3.2E-19	8.9E-19	2.5E-18	2.9E-13	6.8E-13	3.7E-14	3.7E-14	4.4E-20	2.7E-19
1,2,3,7,8-PeCDD	9.8E-20	1.4E-18	1.9E-18	5.4E-18	1.5E-17	1.8E-12	4.3E-12	2.3E-13	2.3E-13	2.7E-19	1.6E-18
1,2,3,7,8-PeCDF	1.4E-19	1.6E-18	2.3E-18	6.4E-18	1.8E-17	2.6E-12	6.1E-12	3.3E-13	3.3E-13	3.1E-19	1.9E-18

Table H-23 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.8E-20	5.0E-18	6.9E-18	2.0E-17	5.5E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	9.6E-19	5.9E-18
2,3,4,7,8-PeCDF	2.1E-19	3.9E-18	5.4E-18	1.5E-17	4.3E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	7.5E-19	4.6E-18
2,3,7,8-TCDD	3.4E-20	2.8E-19	4.0E-19	1.1E-18	3.1E-18	7.4E-13	1.7E-12	9.3E-14	9.3E-14	3.8E-17	2.3E-16
2,3,7,8-TCDF	1.1E-19	5.1E-19	7.2E-19	2.0E-18	5.7E-18	2.7E-12	6.3E-12	3.4E-13	3.4E-13	9.9E-20	6.1E-19
OCDD	1.7E-22	7.3E-18	1.0E-17	2.9E-17	8.0E-17	8.0E-12	1.9E-11	1.0E-12	1.0E-12	1.4E-18	8.6E-18
OCDF	6.5E-23	2.8E-18	3.9E-18	1.1E-17	3.1E-17	3.0E-12	7.0E-12	3.8E-13	3.8E-13	5.4E-19	3.3E-18
HCN											
Hydrogen cyanide						2.3E-06	5.2E-06	2.8E-07	2.8E-07		
Metals											
Aluminum				1.5E-04	2.8E-04					7.6E-06	3.0E-05
Antimony	2.2E-19			3.7E-09	2.1E-08	1.5E-07	3.4E-07	1.9E-08	1.9E-08	1.8E-10	2.2E-09
Arsenic	1.2E-17	8.5E-09	3.3E-09	2.0E-08	1.6E-08	8.5E-09	2.0E-08	1.1E-09	1.1E-09	1.6E-09	2.8E-09
Barium	2.6E-14			2.5E-11	7.1E-11	1.8E-06	4.2E-06	2.2E-07	2.2E-07	1.2E-12	7.7E-12
Beryllium	4.7E-19			1.5E-17	4.2E-17	6.1E-10	1.4E-09	7.7E-11	7.7E-11	7.3E-19	4.5E-18
Cadmium	1.2E-16			1.2E-17	3.3E-17	1.1E-08	2.5E-08	1.4E-09	1.4E-09	5.7E-19	3.5E-18
Chromium	3.1E-17			7.6E-13	2.1E-12	9.2E-08	2.1E-07	1.2E-08	1.2E-08	3.7E-14	2.3E-13
Cobalt				4.5E-07	5.3E-07	1.4E-07	3.2E-07	1.8E-08	1.8E-08	2.2E-08	5.7E-08
Copper				2.8E-12	7.8E-12	2.5E-07	5.9E-07	3.2E-08	3.2E-08	1.4E-13	8.4E-13
Iron				3.6E-04	5.4E-04					1.8E-05	5.8E-05
Lead	9.9E-20			1.3E-06	3.3E-06	8.5E-08	2.0E-07	1.1E-08	1.1E-08	6.3E-08	3.5E-07
Manganese				1.1E-14	3.2E-14	7.8E-08	1.8E-07	9.7E-09	9.7E-09	5.6E-16	3.4E-15
Mercury (+2)				2.4E-16	6.9E-16	3.4E-10	7.8E-10	4.2E-11	4.2E-11	1.2E-17	7.4E-17
Mercury, elemental				1.4E-08	6.3E-10	1.4E-12	3.2E-12	1.8E-13	1.8E-13	2.7E-05	1.7E-04
Methyl Mercury	9.3E-17			1.5E-17	4.1E-17					7.1E-19	4.4E-18

Table H-23 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	4.7E-17			8.3E-06	1.0E-05	5.0E-08	1.1E-07	6.2E-09	6.2E-09	4.1E-07	1.1E-06
Phosphorus				1.1E-16	3.0E-16	3.8E-07	8.7E-07	4.7E-08	4.7E-08	1.0E-12	6.4E-12
Selenium	3.9E-18			5.8E-19	1.6E-18	2.5E-09	5.8E-09	3.1E-10	3.1E-10	2.8E-20	1.7E-19
Silver	2.7E-18			9.3E-15	2.6E-14	1.6E-09	3.8E-09	2.0E-10	2.0E-10	4.5E-16	2.8E-15
Thallium (Soluble Salts)				3.8E-09	2.4E-09					1.9E-10	2.6E-10
Titanium				1.1E-16	3.2E-16	8.7E-10	2.0E-09	1.1E-10	1.1E-10	5.6E-18	3.5E-17
Zinc	5.8E-14			2.6E-15	7.4E-15	2.0E-06	4.5E-06	2.4E-07	2.4E-07	1.3E-16	8.0E-16
NOx											
NOx (Oxides of Nitrogen)						2.2E-05	5.2E-05	2.8E-06	2.8E-06		
PAHs											
1-Methylnaphthalene		3.4E-18	4.8E-18	3.1E-18	8.7E-18	4.7E-07	1.1E-06	5.9E-08	5.9E-08	3.5E-15	2.2E-14
1-Methylphenanthrene				2.1E-15	5.8E-15	5.6E-08	1.3E-07	7.0E-09	7.0E-09	1.0E-16	6.2E-16
2,3,5-Trimethylnaphthalene				9.7E-16	2.7E-15	2.8E-08	6.4E-08	3.5E-09	3.5E-09	4.7E-17	2.9E-16
2,6-Dimethylnaphthalene				2.6E-15	7.4E-15	7.4E-08	1.7E-07	9.2E-09	9.2E-09	1.3E-16	8.0E-16
2-Methylnaphthalene		3.3E-18	4.6E-18	3.0E-18	8.4E-18	4.6E-07	1.1E-06	5.7E-08	5.7E-08	3.4E-15	2.1E-14
Acenaphthylene				8.5E-15	2.4E-14	2.7E-07	6.2E-07	3.4E-08	3.4E-08	4.2E-16	2.6E-15
Acenaphthene	4.8E-17					4.9E-08	1.1E-07	6.2E-09	6.2E-09		
Anthracene	6.1E-16					8.7E-08	2.0E-07	1.1E-08	1.1E-08		
Benzo(a)anthracene	8.8E-14	1.3E-09	7.3E-09	1.2E-09	1.3E-08	4.3E-08	9.9E-08	5.3E-09	5.3E-09	1.8E-08	1.1E-07
Benzo(a)pyrene	4.4E-14	1.2E-09	8.0E-09	1.1E-09	1.5E-08	1.7E-08	3.9E-08	2.1E-09	2.1E-09	5.4E-11	1.6E-09
Benzo(b)fluoranthene	1.2E-14	1.9E-09	1.1E-08	1.7E-09	2.0E-08	1.9E-08	4.3E-08	2.3E-09	2.3E-09	8.4E-11	2.2E-09
Benzo(e)pyrene				4.9E-16	1.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	2.4E-17	1.5E-16
Benzo(g,h,i)perylene				3.6E-16	1.0E-15	1.1E-08	2.5E-08	1.4E-09	1.4E-09	1.8E-17	1.1E-16
Benzo(k)fluoranthene	8.8E-17	1.0E-09	5.7E-09	9.2E-10	1.0E-08	1.7E-10	3.8E-10	2.1E-11	2.1E-11	4.5E-11	1.1E-09

Table H-23 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				4.8E-17	1.3E-16	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.8E-14	1.7E-13
Chrysene	1.5E-14	1.6E-09	8.2E-09	1.5E-09	1.5E-08	7.3E-08	1.7E-07	9.1E-09	9.1E-09	7.2E-11	1.6E-09
Dibenze(a,h)anthracene	2.1E-15	2.8E-10	2.0E-09	2.6E-10	3.6E-09	2.7E-09	6.1E-09	3.3E-10	3.3E-10	1.3E-11	3.9E-10
Fluoranthene	4.0E-15	8.6E-16	1.2E-15	7.8E-16	2.2E-15	1.1E-07	2.5E-07	1.3E-08	1.3E-08	3.8E-17	2.4E-16
Fluorene	8.7E-16					2.7E-07	6.2E-07	3.3E-08	3.3E-08		
Indeno(1,2,3-cd)pyrene	5.4E-15	8.1E-10	5.2E-09	7.3E-10	9.5E-09	8.8E-09	2.0E-08	1.1E-09	1.1E-09	3.6E-11	1.0E-09
Napthalene	4.0E-16					2.1E-06	4.9E-06	2.7E-07	2.7E-07		
Perylene				1.9E-16	5.3E-16	6.6E-09	1.5E-08	8.2E-10	8.2E-10	9.2E-18	5.7E-17
Phenanthrene	4.2E-15					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
Pyrene	2.9E-15	2.4E-15	3.3E-15	2.2E-15	6.0E-15	1.0E-07	2.4E-07	1.3E-08	1.3E-08	6.0E-14	3.7E-13
Particulate											
Particulate Total Suspended Particulate				4.3E-11	1.2E-10	3.3E-04	7.7E-04	4.2E-05	4.2E-05	2.1E-12	1.3E-11
PM<10				5.5E-11	1.5E-10	4.4E-04	1.0E-03	5.5E-05	5.5E-05	2.7E-12	1.6E-11
PM<2.5				4.5E-11	1.3E-10	3.8E-04	8.7E-04	4.7E-05	4.7E-05	2.2E-12	1.4E-11
PCBs											
Dichlorobiphenyl	8.7E-17	5.1E-18	7.1E-18	4.3E-18	1.2E-17	1.3E-09	3.1E-09	1.7E-10	1.7E-10	4.0E-16	2.5E-15
Heptachlorobiphenyl	3.3E-18	5.8E-19	8.1E-19	4.9E-19	1.4E-18	1.8E-11	4.2E-11	2.3E-12	2.3E-12	2.5E-17	1.5E-16
Hexachlorobiphenyl	1.3E-17	2.6E-18	3.6E-18	2.2E-18	6.2E-18	7.6E-11	1.8E-10	9.5E-12	9.5E-12	1.1E-16	6.9E-16
Monochlorobiphenyl	6.1E-16	3.5E-17	4.9E-17	3.0E-17	8.3E-17	9.2E-09	2.1E-08	1.2E-09	1.2E-09	2.8E-15	1.7E-14
Nonachlorobiphenyl	4.1E-19	1.0E-19	1.4E-19	8.6E-20	2.4E-19	2.6E-12	5.9E-12	3.2E-13	3.2E-13	4.4E-18	2.7E-17
Octachlorobiphenyl	9.7E-19	1.9E-19	2.6E-19	1.6E-19	4.4E-19	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.1E-18	5.0E-17
Pentachlorobiphenyl	4.4E-17	9.4E-18	1.3E-17	7.9E-18	2.2E-17	2.6E-10	6.0E-10	3.3E-11	3.3E-11	4.0E-16	2.5E-15
Tetrachlorobiphenyl	2.6E-17	1.9E-18	2.7E-18	1.6E-18	4.6E-18	4.3E-10	9.9E-10	5.4E-11	5.4E-11	1.5E-16	9.4E-16
Trichlorobiphenyl	3.4E-17	2.3E-18	3.2E-18	2.0E-18	5.5E-18	5.5E-10	1.3E-09	6.8E-11	6.8E-11	1.8E-16	1.1E-15

Table H-23 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Pesticides											
DDE				1.3E-09	3.1E-09					4.1E-08	2.5E-07
Dieldrin		6.7E-12	1.4E-10	8.0E-12	3.4E-10					3.9E-13	3.6E-11
SVOCs											
1,2,4-trichlorobenzene						3.9E-09	8.9E-09	4.8E-10	4.8E-10		
1,2-dichlorobenzene	3.9E-20					1.6E-09	3.6E-09	1.9E-10	1.9E-10		
1,3-dichlorobenzene	9.9E-20					2.3E-09	5.4E-09	2.9E-10	2.9E-10		
1,4-dichlorobenzene	1.3E-18					2.2E-08	5.0E-08	2.7E-09	2.7E-09		
1,4-Dioxane						1.8E-03					
2,4-Dimethylphenol	3.6E-17					3.4E-07	7.8E-07	4.2E-08	4.2E-08		
2-Chlorophenol	1.8E-18					6.8E-08	1.6E-07	8.5E-09	8.5E-09		
2-Methylphenol	7.5E-16					8.0E-07	1.8E-06	9.9E-08	9.9E-08		
2-Nitrophenol	4.6E-18					1.1E-07	2.5E-07	1.3E-08	1.3E-08		
3-Methylphenol & 4-Methylphenol				5.3E-14	1.5E-13	1.4E-06	3.3E-06	1.8E-07	1.8E-07	2.6E-15	1.6E-14
4-Nitrophenol	9.3E-18					1.8E-07	4.1E-07	2.2E-08	2.2E-08		
Acetophenone	5.6E-17					1.7E-06	3.9E-06	2.1E-07	2.1E-07		
Benzoic acid	2.3E-16					7.7E-06	1.8E-05	9.6E-07	9.6E-07		
Benzyl alcohol	1.4E-19					6.4E-08	1.5E-07	8.0E-09	8.0E-09		
bis(2-Ethylhexyl) phthalate	7.0E-15	9.6E-14	1.3E-13	1.1E-13	3.2E-13	2.7E-06	6.3E-06	3.4E-07	3.4E-07	5.5E-15	3.4E-14
Butyl benzyl phthalate	2.5E-15	4.6E-17	6.5E-17	5.5E-17	1.5E-16	8.5E-08	2.0E-07	1.1E-08	1.1E-08	2.7E-18	1.7E-17
Carbazole				2.0E-16	5.6E-16	2.4E-09	5.5E-09	3.0E-10	3.0E-10	9.8E-18	6.0E-17
Dibenzofuran		2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.4E-07	3.1E-07	1.7E-08	1.7E-08	3.5E-15	2.1E-14
Dimethyl phthalate	9.2E-19					4.8E-09	1.1E-08	5.9E-10	5.9E-10		
Di-n-butyl phthalate	2.4E-14	4.6E-17	6.5E-17	5.5E-17	1.5E-16	1.3E-07	3.0E-07	1.6E-08	1.6E-08	2.7E-18	1.7E-17

Table H-23 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.8E-19	1.3E-16	1.9E-16	1.6E-16	4.4E-16	9.2E-09	2.1E-08	1.1E-09	1.1E-09	7.8E-18	4.8E-17
Hexachlorobutadiene	9.6E-17					6.3E-07	1.5E-06	7.9E-08	7.9E-08		
Isopropanol						2.9E-02	3.2E-02				
p-Chloroaniline			4.7E-09		1.1E-08						1.2E-09
Phenol	2.1E-15					4.3E-06	9.9E-06	5.4E-07	5.4E-07		
Pyridine	1.1E-16					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
TRS											
Total Reduced Sulfur						4.2E-06	9.6E-06	5.2E-07	5.2E-07		
VOCs											
1,1,1,2-Tetrachloroethane	3.8E-20					1.9E-09	4.5E-09	2.4E-10	2.4E-10		
1,1,1-Trichloroethane	2.5E-21					1.9E-09	4.4E-09	2.4E-10	2.4E-10		
1,1-Dichloroethene	8.5E-23					3.7E-10	8.6E-10	4.6E-11	4.6E-11		
1,2,3-Trichlorobenzene	2.7E-18					7.6E-09	1.8E-08	9.5E-10	9.5E-10		
1,2,3-Trichloropropane	1.5E-20					1.5E-09	3.6E-09	1.9E-10	1.9E-10		
1,2,4-Trimethylbenzene						8.9E-08	2.1E-07	1.1E-08	1.1E-08		
1,2-Dibromoethane	5.3E-21					9.9E-10	2.3E-09	1.2E-10	1.2E-10		
1,2-Dichloroethane	1.7E-19					4.0E-08	6.3E-04	1.4E-05	1.4E-05		
1,3,5-Trimethylbenzene	8.6E-19					8.4E-08	1.9E-07	1.0E-08	1.0E-08		
1,3-Dichloropropane						9.6E-10	2.2E-09	1.2E-10	1.2E-10		
2-Butanone	3.5E-17					4.7E-07	1.1E-06	5.9E-08	5.9E-08		
2-Chlorotoluene						2.1E-08	4.9E-08	2.6E-09	2.6E-09		
2-Hexanone						9.7E-08	2.2E-07	1.2E-08	1.2E-08		
Benzene	2.8E-17					9.1E-04	3.8E-03	1.4E-04	1.4E-04		
Bromobenzene						5.3E-07	1.2E-06	6.6E-08	6.6E-08		

Table H-23 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromochloromethane						1.3E-09	2.9E-09	1.6E-10	1.6E-10		
Bromodichloromethane	4.5E-21					1.4E-09	4.8E-03	1.7E-10	1.7E-10		
Bromoform							2.2E-02				
Bromomethane	1.9E-20					5.4E-08	1.3E-07	6.8E-09	6.8E-09		
Carbon disulfide	1.8E-20					4.8E-08	1.1E-07	6.0E-09	6.0E-09		
Carbon tetrachloride	1.9E-21					1.9E-03	5.6E-03	2.2E-04	2.2E-04		
Chlorobenzene	6.7E-19					6.9E-08	1.6E-07	8.6E-09	8.6E-09		
Chlorodibromomethane	2.6E-19					3.4E-08	7.8E-08	4.2E-09	4.2E-09		
Chloroethane	5.3E-20					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
Chloroform	4.0E-20					6.2E-04	1.1E-02	3.4E-05	3.4E-05		
Chloromethane	1.4E-19					4.4E-07	1.0E-06	5.5E-08	5.5E-08		
cis-1,2-Dichloroethene	5.4E-20					5.7E-08	1.3E-07	7.1E-09	7.1E-09		
cis-1,3-Dichloropropene						3.5E-10	8.0E-10	4.3E-11	4.3E-11		
Dibromomethane	6.0E-21					2.9E-09	6.7E-09	3.6E-10	3.6E-10		
Dichlorodifluoromethane	6.7E-23					3.6E-09	8.2E-09	4.4E-10	4.4E-10		
Ethylbenzene	2.1E-17					5.2E-04	3.2E-03	3.5E-07	3.5E-07		
Isopropylbenzene	2.8E-20					2.3E-07	5.2E-07	2.8E-08	2.8E-08		
m&p-Xylene	3.4E-18					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Methyl Isobutyl Ketone (4-methyl-2-per	3.4E-20					5.1E-09	1.2E-08	6.4E-10	6.4E-10		
Methylene chloride	3.7E-19					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
n-Butylbenzene						1.1E-07	2.6E-07	1.4E-08	1.4E-08		
n-Propylbenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08		
o-Xylene	4.0E-18					3.3E-07	7.6E-07	4.1E-08	4.1E-08		
p-Chlorotoluene						7.9E-09	1.8E-08	9.9E-10	9.9E-10		

Table H-23 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
p-Isopropyltoluene						5.5E-08	1.3E-07	6.9E-09	6.9E-09		
sec-Butylbenzene						2.0E-08	4.7E-08	2.5E-09	2.5E-09		
Styrene	1.3E-16					7.3E-06	1.7E-05	9.1E-07	9.1E-07		
tert-Butylbenzene						6.5E-07	1.5E-06	8.2E-08	8.2E-08		
Tetrachloroethene	9.4E-21					1.7E-09	4.0E-09	2.2E-10	2.2E-10		
Toluene	2.2E-17					4.5E-06	1.0E-05	5.6E-07	5.6E-07		
trans-1,2-Dichloroethene	8.4E-19					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
trans-1,3-Dichloropropene						6.0E-10	1.4E-09	7.5E-11	7.5E-11		
Trichloroethene	9.7E-23					1.4E-04	6.4E-03	1.3E-11	1.3E-11		
Trichlorofluoromethane	1.5E-22					1.2E-09	2.9E-09	1.6E-10	1.6E-10		
Vinyl chloride	6.9E-21					2.0E-04	1.6E-07	8.8E-09	8.8E-09		

Table H-24 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					6.2E-07	1.4E-06	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18	
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18	
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19	
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19	
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18	
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19	
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19	
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19	
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20	
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19	
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19	

Table H-24 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.1E-02	2.0E-02					5.3E-07	2.1E-06
Antimony	1.6E-17			2.6E-07	1.4E-06	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.3E-11	1.5E-10
Arsenic	8.1E-16	6.0E-07	2.3E-07	1.4E-06	1.1E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	1.2E-10	2.0E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				3.1E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.5E-09	4.0E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				2.5E-02	3.7E-02					1.2E-06	4.0E-06
Lead	6.9E-18			9.0E-05	2.3E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	4.4E-09	2.5E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				9.8E-07	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	1.9E-06	1.2E-05
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19

Table H-24 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.8E-04	7.1E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.9E-08	7.7E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Thallium (Soluble Salts)				2.7E-07	1.7E-07					1.3E-11	1.8E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	9.0E-08	5.1E-07	8.1E-08	9.3E-07	3.0E-09	6.9E-09	3.7E-10	3.7E-10	1.2E-09	7.6E-09
Benzo(a)pyrene	3.1E-12	8.5E-08	5.6E-07	7.7E-08	1.0E-06	1.2E-09	2.7E-09	1.5E-10	1.5E-10	3.8E-12	1.1E-10
Benzo(b)fluoranthene	8.3E-13	1.3E-07	7.9E-07	1.2E-07	1.4E-06	1.3E-09	3.0E-09	1.6E-10	1.6E-10	5.9E-12	1.5E-10
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	7.1E-08	4.0E-07	6.4E-08	7.2E-07	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.1E-12	7.8E-11

Table H-24 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	1.1E-07	5.7E-07	1.0E-07	1.0E-06	5.1E-09	1.2E-08	6.4E-10	6.4E-10	5.0E-12	1.1E-10
Dibenze(a,h)anthracene	1.6E-13	2.0E-08	1.4E-07	1.8E-08	2.5E-07	1.9E-10	4.3E-10	2.3E-11	2.3E-11	8.8E-13	2.7E-11
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	5.7E-08	3.6E-07	5.1E-08	6.6E-07	6.2E-10	1.4E-09	7.7E-11	7.7E-11	2.5E-12	7.1E-11
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16

Table H-24 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				9.0E-08	2.2E-07					2.9E-09	1.8E-08
Dieldrin		4.7E-10	1.0E-08	5.6E-10	2.4E-08					2.7E-14	2.5E-12
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
1,4-Dioxane						1.3E-04					
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18

Table H-24 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						2.0E-03	2.3E-03				
p-Chloroaniline			3.3E-07		7.7E-07						8.4E-11
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	4.4E-05	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					6.4E-05	2.7E-04	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		

Table H-24 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	3.4E-04	1.2E-11	1.2E-11		
Bromoform							1.5E-03				
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.3E-04	3.9E-04	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					4.3E-05	7.9E-04	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					3.7E-05	2.2E-04	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		

Table H-24 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10				
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10				
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08				
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09				
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11				
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08				
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08				
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12				
Trichloroethene	6.8E-21					1.0E-05	4.5E-04	9.1E-13	9.1E-13				
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11				
Vinyl chloride	4.8E-19					1.4E-05	1.1E-08	6.2E-10	6.2E-10				

Table H-25 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						1.2E-05	2.8E-05	1.5E-06	1.5E-06		
Aldehydes											
Acetaldehyde	1.3E-15					2.1E-05	4.8E-05	2.6E-06	2.6E-06		
Formaldehyde	6.5E-15					8.8E-06	5.7E-01	1.1E-06	1.1E-06		
Propionaldehyde				3.2E-17	9.0E-17	2.3E-06	5.2E-06	2.8E-07	2.8E-07	2.4E-13	1.5E-12
CO											
Carbon monoxide						6.4E-04	1.5E-03	8.0E-05	8.0E-05		
CO2											
Carbon dioxide						2.0E-05	4.6E-05	2.5E-06	2.5E-06		
Criteria											
Sulfur Dioxide						5.4E-06	1.2E-05	6.8E-07	6.8E-07		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-20	1.1E-17	1.5E-17	4.2E-17	1.2E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	2.1E-18	1.3E-17
1,2,3,4,6,7,8-HpCDF	1.3E-20	1.1E-17	1.5E-17	4.3E-17	1.2E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	2.1E-18	1.3E-17
1,2,3,4,7,8,9-HpCDF	2.1E-21	1.2E-18	1.7E-18	4.9E-18	1.4E-17	1.6E-12	3.6E-12	1.9E-13	1.9E-13	2.4E-19	1.5E-18
1,2,3,4,7,8-HxCDD	1.6E-20	1.2E-18	1.7E-18	4.8E-18	1.3E-17	1.5E-12	3.3E-12	1.8E-13	1.8E-13	2.4E-19	1.5E-18
1,2,3,4,7,8-HxCDF	1.1E-19	9.7E-18	1.4E-17	3.8E-17	1.1E-16	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.9E-18	1.2E-17
1,2,3,6,7,8-HxCDD	3.1E-20	2.5E-18	3.5E-18	9.8E-18	2.7E-17	3.1E-12	7.1E-12	3.8E-13	3.8E-13	4.8E-19	3.0E-18
1,2,3,6,7,8-HxCDF	4.0E-20	3.2E-18	4.4E-18	1.2E-17	3.5E-17	3.8E-12	8.8E-12	4.8E-13	4.8E-13	6.1E-19	3.8E-18
1,2,3,7,8,9-HxCDD	4.3E-20	3.9E-18	5.5E-18	1.5E-17	4.3E-17	4.6E-12	1.1E-11	5.8E-13	5.8E-13	7.6E-19	4.7E-18
1,2,3,7,8,9-HxCDF	3.4E-21	2.3E-19	3.2E-19	8.9E-19	2.5E-18	2.9E-13	6.8E-13	3.7E-14	3.7E-14	4.4E-20	2.7E-19
1,2,3,7,8-PeCDD	9.8E-20	1.4E-18	1.9E-18	5.4E-18	1.5E-17	1.8E-12	4.3E-12	2.3E-13	2.3E-13	2.7E-19	1.6E-18
1,2,3,7,8-PeCDF	1.4E-19	1.6E-18	2.3E-18	6.4E-18	1.8E-17	2.6E-12	6.1E-12	3.3E-13	3.3E-13	3.1E-19	1.9E-18

Table H-25 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.8E-20	5.0E-18	6.9E-18	2.0E-17	5.5E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	9.6E-19	5.9E-18
2,3,4,7,8-PeCDF	2.1E-19	3.9E-18	5.4E-18	1.5E-17	4.3E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	7.5E-19	4.6E-18
2,3,7,8-TCDD	3.4E-20	2.8E-19	4.0E-19	1.1E-18	3.1E-18	7.4E-13	1.7E-12	9.3E-14	9.3E-14	3.8E-17	2.3E-16
2,3,7,8-TCDF	1.1E-19	5.1E-19	7.2E-19	2.0E-18	5.7E-18	2.7E-12	6.3E-12	3.4E-13	3.4E-13	9.9E-20	6.1E-19
OCDD	1.7E-22	7.3E-18	1.0E-17	2.9E-17	8.0E-17	8.0E-12	1.9E-11	1.0E-12	1.0E-12	1.4E-18	8.6E-18
OCDF	6.5E-23	2.8E-18	3.9E-18	1.1E-17	3.1E-17	3.0E-12	7.0E-12	3.8E-13	3.8E-13	5.4E-19	3.3E-18
HCN											
Hydrogen cyanide						2.3E-06	5.2E-06	2.8E-07	2.8E-07		
Metals											
Aluminum				1.5E-04	3.4E-04					7.6E-06	3.7E-05
Antimony	2.2E-19			3.7E-09	6.8E-09	1.5E-07	3.4E-07	1.9E-08	1.9E-08	1.8E-10	7.4E-10
Arsenic	1.2E-17	8.5E-09	6.5E-09	2.0E-08	3.1E-08	8.5E-09	2.0E-08	1.1E-09	1.1E-09	1.6E-09	5.5E-09
Barium	2.6E-14			2.5E-11	7.1E-11	1.8E-06	4.2E-06	2.2E-07	2.2E-07	1.2E-12	7.7E-12
Beryllium	4.7E-19			1.5E-17	4.2E-17	6.1E-10	1.4E-09	7.7E-11	7.7E-11	7.3E-19	4.5E-18
Cadmium	1.2E-16			1.2E-17	3.3E-17	1.1E-08	2.5E-08	1.4E-09	1.4E-09	5.7E-19	3.5E-18
Chromium	3.1E-17			7.6E-13	2.1E-12	9.2E-08	2.1E-07	1.2E-08	1.2E-08	3.7E-14	2.3E-13
Cobalt				4.5E-07	5.3E-07	1.4E-07	3.2E-07	1.8E-08	1.8E-08	2.2E-08	5.7E-08
Copper				2.8E-12	7.8E-12	2.5E-07	5.9E-07	3.2E-08	3.2E-08	1.4E-13	8.4E-13
Iron				3.6E-04	5.7E-04					1.8E-05	6.1E-05
Lead	9.9E-20			1.3E-06	7.5E-07	8.5E-08	2.0E-07	1.1E-08	1.1E-08	6.3E-08	8.1E-08
Manganese				1.1E-14	3.2E-14	7.8E-08	1.8E-07	9.7E-09	9.7E-09	5.6E-16	3.4E-15
Mercury (+2)				2.4E-16	6.9E-16	3.4E-10	7.8E-10	4.2E-11	4.2E-11	1.2E-17	7.4E-17
Mercury, elemental				1.4E-08	3.9E-10	1.4E-12	3.2E-12	1.8E-13	1.8E-13	2.7E-05	1.7E-04
Methyl Mercury	9.3E-17			1.5E-17	4.1E-17					7.1E-19	4.4E-18

Table H-25 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	4.7E-17			8.3E-06	1.1E-05	5.0E-08	1.1E-07	6.2E-09	6.2E-09	4.1E-07	1.2E-06
Phosphorus				1.1E-16	3.0E-16	3.8E-07	8.7E-07	4.7E-08	4.7E-08	1.0E-12	6.4E-12
Selenium	3.9E-18			5.8E-19	1.6E-18	2.5E-09	5.8E-09	3.1E-10	3.1E-10	2.8E-20	1.7E-19
Silver	2.7E-18			9.3E-15	2.6E-14	1.6E-09	3.8E-09	2.0E-10	2.0E-10	4.5E-16	2.8E-15
Thallium (Soluble Salts)				3.8E-09	2.1E-09					1.9E-10	2.2E-10
Titanium				1.1E-16	3.2E-16	8.7E-10	2.0E-09	1.1E-10	1.1E-10	5.6E-18	3.5E-17
Zinc	5.8E-14			2.6E-15	7.4E-15	2.0E-06	4.5E-06	2.4E-07	2.4E-07	1.3E-16	8.0E-16
NOx											
NOx (Oxides of Nitrogen)						2.2E-05	5.2E-05	2.8E-06	2.8E-06		
PAHs											
1-Methylnaphthalene		3.4E-18	4.8E-18	3.1E-18	8.7E-18	4.7E-07	1.1E-06	5.9E-08	5.9E-08	3.5E-15	2.2E-14
1-Methylphenanthrene				2.1E-15	5.8E-15	5.6E-08	1.3E-07	7.0E-09	7.0E-09	1.0E-16	6.2E-16
2,3,5-Trimethylnaphthalene				9.7E-16	2.7E-15	2.8E-08	6.4E-08	3.5E-09	3.5E-09	4.7E-17	2.9E-16
2,6-Dimethylnaphthalene				2.6E-15	7.4E-15	7.4E-08	1.7E-07	9.2E-09	9.2E-09	1.3E-16	8.0E-16
2-Methylnaphthalene		3.3E-18	4.6E-18	3.0E-18	8.4E-18	4.6E-07	1.1E-06	5.7E-08	5.7E-08	3.4E-15	2.1E-14
Acenaphthylene				8.5E-15	2.4E-14	2.7E-07	6.2E-07	3.4E-08	3.4E-08	4.2E-16	2.6E-15
Acenaphthene	4.8E-17					4.9E-08	1.1E-07	6.2E-09	6.2E-09		
Anthracene	6.1E-16					8.7E-08	2.0E-07	1.1E-08	1.1E-08		
Benzo(a)anthracene	8.8E-14	1.3E-09	3.3E-14	1.2E-09	6.0E-14	4.3E-08	9.9E-08	5.3E-09	5.3E-09	1.8E-08	1.1E-07
Benzo(a)pyrene	4.4E-14	1.2E-09	1.5E-14	1.1E-09	2.8E-14	1.7E-08	3.9E-08	2.1E-09	2.1E-09	5.4E-11	3.0E-15
Benzo(b)fluoranthene	1.2E-14	1.9E-09	8.8E-16	1.7E-09	1.6E-15	1.9E-08	4.3E-08	2.3E-09	2.3E-09	8.4E-11	1.7E-16
Benzo(e)pyrene				4.9E-16	1.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	2.4E-17	1.5E-16
Benzo(g,h,i)perylene				3.6E-16	1.0E-15	1.1E-08	2.5E-08	1.4E-09	1.4E-09	1.8E-17	1.1E-16
Benzo(k)fluoranthene	8.8E-17	1.0E-09	9.0E-16	9.2E-10	1.6E-15	1.7E-10	3.8E-10	2.1E-11	2.1E-11	4.5E-11	1.8E-16

Table H-25 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				4.8E-17	1.3E-16	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.8E-14	1.7E-13
Chrysene	1.5E-14	1.6E-09	4.1E-14	1.5E-09	7.5E-14	7.3E-08	1.7E-07	9.1E-09	9.1E-09	7.2E-11	8.1E-15
Dibenze(a,h)anthracene	2.1E-15	2.8E-10	5.3E-15	2.6E-10	9.6E-15	2.7E-09	6.1E-09	3.3E-10	3.3E-10	1.3E-11	1.0E-15
Fluoranthene	4.0E-15	8.6E-16	1.2E-15	7.8E-16	2.2E-15	1.1E-07	2.5E-07	1.3E-08	1.3E-08	3.8E-17	2.4E-16
Fluorene	8.7E-16					2.7E-07	6.2E-07	3.3E-08	3.3E-08		
Indeno(1,2,3-cd)pyrene	5.4E-15	8.1E-10	1.5E-14	7.3E-10	2.7E-14	8.8E-09	2.0E-08	1.1E-09	1.1E-09	3.6E-11	3.0E-15
Napthalene	4.0E-16					2.1E-06	4.9E-06	2.7E-07	2.7E-07		
Perylene				1.9E-16	5.3E-16	6.6E-09	1.5E-08	8.2E-10	8.2E-10	9.2E-18	5.7E-17
Phenanthrene	4.2E-15					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
Pyrene	2.9E-15	2.4E-15	3.3E-15	2.2E-15	6.0E-15	1.0E-07	2.4E-07	1.3E-08	1.3E-08	6.0E-14	3.7E-13
Particulate											
Particulate Total Suspended Particulate				4.3E-11	1.2E-10	3.3E-04	7.7E-04	4.2E-05	4.2E-05	2.1E-12	1.3E-11
PM<10				5.5E-11	1.5E-10	4.4E-04	1.0E-03	5.5E-05	5.5E-05	2.7E-12	1.6E-11
PM<2.5				4.5E-11	1.3E-10	3.8E-04	8.7E-04	4.7E-05	4.7E-05	2.2E-12	1.4E-11
PCBs											
Dichlorobiphenyl	8.7E-17	5.1E-18	7.1E-18	4.3E-18	1.2E-17	1.3E-09	3.1E-09	1.7E-10	1.7E-10	4.0E-16	2.5E-15
Heptachlorobiphenyl	3.3E-18	5.8E-19	8.1E-19	4.9E-19	1.4E-18	1.8E-11	4.2E-11	2.3E-12	2.3E-12	2.5E-17	1.5E-16
Hexachlorobiphenyl	1.3E-17	2.6E-18	3.6E-18	2.2E-18	6.2E-18	7.6E-11	1.8E-10	9.5E-12	9.5E-12	1.1E-16	6.9E-16
Monochlorobiphenyl	6.1E-16	3.5E-17	4.9E-17	3.0E-17	8.3E-17	9.2E-09	2.1E-08	1.2E-09	1.2E-09	2.8E-15	1.7E-14
Nonachlorobiphenyl	4.1E-19	1.0E-19	1.4E-19	8.6E-20	2.4E-19	2.6E-12	5.9E-12	3.2E-13	3.2E-13	4.4E-18	2.7E-17
Octachlorobiphenyl	9.7E-19	1.9E-19	2.6E-19	1.6E-19	4.4E-19	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.1E-18	5.0E-17
Pentachlorobiphenyl	4.4E-17	9.4E-18	1.3E-17	7.9E-18	2.2E-17	2.6E-10	6.0E-10	3.3E-11	3.3E-11	4.0E-16	2.5E-15
Tetrachlorobiphenyl	2.6E-17	1.9E-18	2.7E-18	1.6E-18	4.6E-18	4.3E-10	9.9E-10	5.4E-11	5.4E-11	1.5E-16	9.4E-16
Trichlorobiphenyl	3.4E-17	2.3E-18	3.2E-18	2.0E-18	5.5E-18	5.5E-10	1.3E-09	6.8E-11	6.8E-11	1.8E-16	1.1E-15

Table H-25 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				1.3E-09	1.1E-09					4.1E-08	2.5E-07
Dieldrin		6.7E-12		8.0E-12						3.9E-13	
SVOCs											
1,2,4-trichlorobenzene						3.9E-09	8.9E-09	4.8E-10	4.8E-10		
1,2-dichlorobenzene	3.9E-20					1.6E-09	3.6E-09	1.9E-10	1.9E-10		
1,3-dichlorobenzene	9.9E-20					2.3E-09	5.4E-09	2.9E-10	2.9E-10		
1,4-dichlorobenzene	1.3E-18					2.2E-08	5.0E-08	2.7E-09	2.7E-09		
1,4-Dioxane						1.8E-03					
2,4-Dimethylphenol	3.6E-17					3.4E-07	7.8E-07	4.2E-08	4.2E-08		
2-Chlorophenol	1.8E-18					6.8E-08	1.6E-07	8.5E-09	8.5E-09		
2-Methylphenol	7.5E-16					8.0E-07	1.8E-06	9.9E-08	9.9E-08		
2-Nitrophenol	4.6E-18					1.1E-07	2.5E-07	1.3E-08	1.3E-08		
3-Methylphenol & 4-Methylphenol				5.3E-14	1.5E-13	1.4E-06	3.3E-06	1.8E-07	1.8E-07	2.6E-15	1.6E-14
4-Nitrophenol	9.3E-18					1.8E-07	4.1E-07	2.2E-08	2.2E-08		
Acetophenone	5.6E-17					1.7E-06	3.9E-06	2.1E-07	2.1E-07		
Benzoic acid	2.3E-16					7.7E-06	1.8E-05	9.6E-07	9.6E-07		
Benzyl alcohol	1.4E-19					6.4E-08	1.5E-07	8.0E-09	8.0E-09		
bis(2-Ethylhexyl) phthalate	7.0E-15	9.6E-14	1.3E-13	1.1E-13	3.2E-13	2.7E-06	6.3E-06	3.4E-07	3.4E-07	5.5E-15	3.4E-14
Butyl benzyl phthalate	2.5E-15	4.6E-17	6.5E-17	5.5E-17	1.5E-16	8.5E-08	2.0E-07	1.1E-08	1.1E-08	2.7E-18	1.7E-17
Carbazole				2.0E-16	5.6E-16	2.4E-09	5.5E-09	3.0E-10	3.0E-10	9.8E-18	6.0E-17
Dibenzofuran		2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.4E-07	3.1E-07	1.7E-08	1.7E-08	3.5E-15	2.1E-14
Dimethyl phthalate	9.2E-19					4.8E-09	1.1E-08	5.9E-10	5.9E-10		
Di-n-butyl phthalate	2.4E-14	4.6E-17	6.5E-17	5.5E-17	1.5E-16	1.3E-07	3.0E-07	1.6E-08	1.6E-08	2.7E-18	1.7E-17

Table H-25 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.8E-19	1.3E-16	1.9E-16	1.6E-16	4.4E-16	9.2E-09	2.1E-08	1.1E-09	1.1E-09	7.8E-18	4.8E-17
Hexachlorobutadiene	9.6E-17					6.3E-07	1.5E-06	7.9E-08	7.9E-08		
Isopropanol						2.9E-02					
Phenol	2.1E-15					4.3E-06	9.9E-06	5.4E-07	5.4E-07		
Pyridine	1.1E-16					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
TRS											
Total Reduced Sulfur						4.2E-06	9.6E-06	5.2E-07	5.2E-07		
VOCs											
1,1,1,2-Tetrachloroethane	3.8E-20					1.9E-09	4.5E-09	2.4E-10	2.4E-10		
1,1,1-Trichloroethane	2.5E-21					1.9E-09	4.4E-09	2.4E-10	2.4E-10		
1,1-Dichloroethene	8.5E-23					3.7E-10	8.6E-10	4.6E-11	4.6E-11		
1,2,3-Trichlorobenzene	2.7E-18					7.6E-09	1.8E-08	9.5E-10	9.5E-10		
1,2,3-Trichloropropane	1.5E-20					1.5E-09	3.6E-09	1.9E-10	1.9E-10		
1,2,4-Trimethylbenzene						8.9E-08	2.1E-07	1.1E-08	1.1E-08		
1,2-Dibromoethane	5.3E-21					9.9E-10	2.3E-09	1.2E-10	1.2E-10		
1,2-Dichloroethane	1.7E-19					4.0E-08	9.1E-08	1.4E-05	1.4E-05		
1,3,5-Trimethylbenzene	8.6E-19					8.4E-08	1.9E-07	1.0E-08	1.0E-08		
1,3-Dichloropropane						9.6E-10	2.2E-09	1.2E-10	1.2E-10		
2-Butanone	3.5E-17					4.7E-07	1.1E-06	5.9E-08	5.9E-08		
2-Chlorotoluene						2.1E-08	4.9E-08	2.6E-09	2.6E-09		
2-Hexanone						9.7E-08	2.2E-07	1.2E-08	1.2E-08		
Benzene	2.8E-17					9.1E-04	2.9E-05	1.4E-04	1.4E-04		
Bromobenzene						5.3E-07	1.2E-06	6.6E-08	6.6E-08		
Bromochloromethane						1.3E-09	2.9E-09	1.6E-10	1.6E-10		

Table H-25 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	4.5E-21					1.4E-09	3.1E-09	1.7E-10	1.7E-10		
Bromomethane	1.9E-20					5.4E-08	1.3E-07	6.8E-09	6.8E-09		
Carbon disulfide	1.8E-20					4.8E-08	1.1E-07	6.0E-09	6.0E-09		
Carbon tetrachloride	1.9E-21					1.9E-03	7.2E-09	2.2E-04	2.2E-04		
Chlorobenzene	6.7E-19					6.9E-08	1.6E-07	8.6E-09	8.6E-09		
Chlorodibromomethane	2.6E-19					3.4E-08	7.8E-08	4.2E-09	4.2E-09		
Chloroethane	5.3E-20					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
Chloroform	4.0E-20					6.2E-04	6.5E-08	3.4E-05	3.4E-05		
Chloromethane	1.4E-19					4.4E-07	1.0E-06	5.5E-08	5.5E-08		
cis-1,2-Dichloroethene	5.4E-20					5.7E-08	1.3E-07	7.1E-09	7.1E-09		
cis-1,3-Dichloropropene						3.5E-10	8.0E-10	4.3E-11	4.3E-11		
Dibromomethane	6.0E-21					2.9E-09	6.7E-09	3.6E-10	3.6E-10		
Dichlorodifluoromethane	6.7E-23					3.6E-09	8.2E-09	4.4E-10	4.4E-10		
Ethylbenzene	2.1E-17					5.2E-04	6.5E-06	3.5E-07	3.5E-07		
Isopropylbenzene	2.8E-20					2.3E-07	5.2E-07	2.8E-08	2.8E-08		
m&p-Xylene	3.4E-18					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Methyl Isobutyl Ketone (4-methyl-2-per	3.4E-20					5.1E-09	1.2E-08	6.4E-10	6.4E-10		
Methylene chloride	3.7E-19					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
n-Butylbenzene						1.1E-07	2.6E-07	1.4E-08	1.4E-08		
n-Propylbenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08		
o-Xylene	4.0E-18					3.3E-07	7.6E-07	4.1E-08	4.1E-08		
p-Chlorotoluene						7.9E-09	1.8E-08	9.9E-10	9.9E-10		
p-Isopropyltoluene						5.5E-08	1.3E-07	6.9E-09	6.9E-09		
sec-Butylbenzene						2.0E-08	4.7E-08	2.5E-09	2.5E-09		

Table H-25 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Styrene	1.3E-16					7.3E-06	1.7E-05	9.1E-07	9.1E-07		
tert-Butylbenzene						6.5E-07	1.5E-06	8.2E-08	8.2E-08		
Tetrachloroethene	9.4E-21					1.7E-09	4.0E-09	2.2E-10	2.2E-10		
Toluene	2.2E-17					4.5E-06	1.0E-05	5.6E-07	5.6E-07		
trans-1,2-Dichloroethene	8.4E-19					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
trans-1,3-Dichloropropene						6.0E-10	1.4E-09	7.5E-11	7.5E-11		
Trichloroethene	9.7E-23					1.4E-04	2.4E-10	1.3E-11	1.3E-11		
Trichlorofluoromethane	1.5E-22					1.2E-09	2.9E-09	1.6E-10	1.6E-10		
Vinyl chloride	6.9E-21					2.0E-04	1.6E-07	8.8E-09	8.8E-09		

Table H-26 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					6.2E-07	4.0E-02	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19

Table H-26 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.1E-02	2.4E-02					5.3E-07	2.6E-06
Antimony	1.6E-17			2.6E-07	4.8E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.3E-11	5.2E-11
Arsenic	8.1E-16	6.0E-07	4.6E-07	1.4E-06	2.2E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	1.2E-10	3.9E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				3.1E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.5E-09	4.0E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				2.5E-02	4.0E-02					1.2E-06	4.3E-06
Lead	6.9E-18			9.0E-05	5.3E-05	6.0E-09	1.4E-08	7.5E-10	7.5E-10	4.4E-09	5.7E-09
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				9.8E-07	2.7E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	1.9E-06	1.2E-05
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19

Table H-26 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.8E-04	7.9E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.9E-08	8.5E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Thallium (Soluble Salts)				2.7E-07	1.4E-07					1.3E-11	1.6E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	9.0E-08	2.8E-12	8.1E-08	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	1.2E-09	7.6E-09
Benzo(a)pyrene	3.1E-12	8.5E-08	1.2E-12	7.7E-08	2.3E-12	1.2E-09	2.7E-09	1.5E-10	1.5E-10	3.8E-12	2.4E-16
Benzo(b)fluoranthene	8.3E-13	1.3E-07	7.3E-14	1.2E-07	1.3E-13	1.3E-09	3.0E-09	1.6E-10	1.6E-10	5.9E-12	1.4E-17
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	7.1E-08	9.7E-14	6.4E-08	1.8E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.1E-12	1.9E-17

Table H-26 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	1.1E-07	3.8E-12	1.0E-07	6.9E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	5.0E-12	7.4E-16
Dibenze(a,h)anthracene	1.6E-13	2.0E-08	4.7E-13	1.8E-08	8.6E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	8.8E-13	9.3E-17
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	5.7E-08	1.3E-12	5.1E-08	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	2.5E-12	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16

Table H-26 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				9.0E-08	7.8E-08					2.9E-09	1.8E-08
Dieldrin		4.7E-10		5.6E-10						2.7E-14	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
1,4-Dioxane						1.3E-04					
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18

Table H-26 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						2.0E-03					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					6.4E-05	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		

Table H-26 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.3E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					4.3E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					3.7E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		

Table H-26 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08			
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09			
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11			
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08			
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08			
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12			
Trichloroethene	6.8E-21					1.0E-05	1.7E-11	9.1E-13	9.1E-13			
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11			
Vinyl chloride	4.8E-19					1.4E-05	1.1E-08	6.2E-10	6.2E-10			

Table H-27 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						1.2E-05	2.8E-05	1.5E-06	1.5E-06		
Aldehydes											
Acetaldehyde	1.3E-15					2.1E-05	4.8E-05	2.6E-06	2.6E-06		
Formaldehyde	6.5E-15					8.8E-06	3.8E-01	1.1E-06	1.1E-06		
Propionaldehyde				3.2E-17	9.0E-17	2.3E-06	5.2E-06	2.8E-07	2.8E-07	2.4E-13	1.5E-12
CO											
Carbon monoxide						6.4E-04	1.5E-03	8.0E-05	8.0E-05		
CO2											
Carbon dioxide						2.0E-05	4.6E-05	2.5E-06	2.5E-06		
Criteria											
Sulfur Dioxide						5.4E-06	1.2E-05	6.8E-07	6.8E-07		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-20	1.1E-17	1.5E-17	4.2E-17	1.2E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	2.1E-18	1.3E-17
1,2,3,4,6,7,8-HpCDF	1.3E-20	1.1E-17	1.5E-17	4.3E-17	1.2E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	2.1E-18	1.3E-17
1,2,3,4,7,8,9-HpCDF	2.1E-21	1.2E-18	1.7E-18	4.9E-18	1.4E-17	1.6E-12	3.6E-12	1.9E-13	1.9E-13	2.4E-19	1.5E-18
1,2,3,4,7,8-HxCDD	1.6E-20	1.2E-18	1.7E-18	4.8E-18	1.3E-17	1.5E-12	3.3E-12	1.8E-13	1.8E-13	2.4E-19	1.5E-18
1,2,3,4,7,8-HxCDF	1.1E-19	9.7E-18	1.4E-17	3.8E-17	1.1E-16	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.9E-18	1.2E-17
1,2,3,6,7,8-HxCDD	3.1E-20	2.5E-18	3.5E-18	9.8E-18	2.7E-17	3.1E-12	7.1E-12	3.8E-13	3.8E-13	4.8E-19	3.0E-18
1,2,3,6,7,8-HxCDF	4.0E-20	3.2E-18	4.4E-18	1.2E-17	3.5E-17	3.8E-12	8.8E-12	4.8E-13	4.8E-13	6.1E-19	3.8E-18
1,2,3,7,8,9-HxCDD	4.3E-20	3.9E-18	5.5E-18	1.5E-17	4.3E-17	4.6E-12	1.1E-11	5.8E-13	5.8E-13	7.6E-19	4.7E-18
1,2,3,7,8,9-HxCDF	3.4E-21	2.3E-19	3.2E-19	8.9E-19	2.5E-18	2.9E-13	6.8E-13	3.7E-14	3.7E-14	4.4E-20	2.7E-19
1,2,3,7,8-PeCDD	9.8E-20	1.4E-18	1.9E-18	5.4E-18	1.5E-17	1.8E-12	4.3E-12	2.3E-13	2.3E-13	2.7E-19	1.6E-18
1,2,3,7,8-PeCDF	1.4E-19	1.6E-18	2.3E-18	6.4E-18	1.8E-17	2.6E-12	6.1E-12	3.3E-13	3.3E-13	3.1E-19	1.9E-18

Table H-27 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.8E-20	5.0E-18	6.9E-18	2.0E-17	5.5E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	9.6E-19	5.9E-18
2,3,4,7,8-PeCDF	2.1E-19	3.9E-18	5.4E-18	1.5E-17	4.3E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	7.5E-19	4.6E-18
2,3,7,8-TCDD	3.4E-20	2.8E-19	4.0E-19	1.1E-18	3.1E-18	7.4E-13	1.7E-12	9.3E-14	9.3E-14	3.8E-17	2.3E-16
2,3,7,8-TCDF	1.1E-19	5.1E-19	7.2E-19	2.0E-18	5.7E-18	2.7E-12	6.3E-12	3.4E-13	3.4E-13	9.9E-20	6.1E-19
OCDD	1.7E-22	7.3E-18	1.0E-17	2.9E-17	8.0E-17	8.0E-12	1.9E-11	1.0E-12	1.0E-12	1.4E-18	8.6E-18
OCDF	6.5E-23	2.8E-18	3.9E-18	1.1E-17	3.1E-17	3.0E-12	7.0E-12	3.8E-13	3.8E-13	5.4E-19	3.3E-18
HCN											
Hydrogen cyanide						2.3E-06	5.2E-06	2.8E-07	2.8E-07		
Metals											
Aluminum				1.5E-04	2.7E-04					7.6E-06	3.0E-05
Antimony	2.2E-19			3.7E-09	2.4E-09	1.5E-07	3.4E-07	1.9E-08	1.9E-08	1.8E-10	2.6E-10
Arsenic	1.2E-17	8.5E-09	2.6E-09	2.0E-08	1.2E-08	8.5E-09	2.0E-08	1.1E-09	1.1E-09	1.6E-09	2.2E-09
Barium	2.6E-14			2.5E-11	7.1E-11	1.8E-06	4.2E-06	2.2E-07	2.2E-07	1.2E-12	7.7E-12
Beryllium	4.7E-19			1.5E-17	4.2E-17	6.1E-10	1.4E-09	7.7E-11	7.7E-11	7.3E-19	4.5E-18
Cadmium	1.2E-16			1.2E-17	3.3E-17	1.1E-08	2.5E-08	1.4E-09	1.4E-09	5.7E-19	3.5E-18
Chromium	3.1E-17			7.6E-13	2.1E-12	9.2E-08	2.1E-07	1.2E-08	1.2E-08	3.7E-14	2.3E-13
Cobalt				4.5E-07	9.1E-07	1.4E-07	3.2E-07	1.8E-08	1.8E-08	2.2E-08	9.8E-08
Copper				2.8E-12	7.8E-12	2.5E-07	5.9E-07	3.2E-08	3.2E-08	1.4E-13	8.4E-13
Iron				3.6E-04	6.2E-04					1.8E-05	6.6E-05
Lead	9.9E-20			1.3E-06	2.1E-06	8.5E-08	2.0E-07	1.1E-08	1.1E-08	6.3E-08	2.2E-07
Manganese				1.1E-14	3.2E-14	7.8E-08	1.8E-07	9.7E-09	9.7E-09	5.6E-16	3.4E-15
Mercury (+2)				2.4E-16	6.9E-16	3.4E-10	7.8E-10	4.2E-11	4.2E-11	1.2E-17	7.4E-17
Mercury, elemental				1.4E-08	6.3E-10	1.4E-12	3.2E-12	1.8E-13	1.8E-13	2.7E-05	1.7E-04
Methyl Mercury	9.3E-17			1.5E-17	4.1E-17					7.1E-19	4.4E-18

Table H-27 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	4.7E-17			8.3E-06	1.9E-05	5.0E-08	1.1E-07	6.2E-09	6.2E-09	4.1E-07	2.0E-06
Phosphorus				1.1E-16	3.0E-16	3.8E-07	8.7E-07	4.7E-08	4.7E-08	1.0E-12	6.4E-12
Selenium	3.9E-18			5.8E-19	1.6E-18	2.5E-09	5.8E-09	3.1E-10	3.1E-10	2.8E-20	1.7E-19
Silver	2.7E-18			9.3E-15	2.6E-14	1.6E-09	3.8E-09	2.0E-10	2.0E-10	4.5E-16	2.8E-15
Thallium (Soluble Salts)				3.8E-09						1.9E-10	
Titanium				1.1E-16	3.2E-16	8.7E-10	2.0E-09	1.1E-10	1.1E-10	5.6E-18	3.5E-17
Zinc	5.8E-14			2.6E-15	7.4E-15	2.0E-06	4.5E-06	2.4E-07	2.4E-07	1.3E-16	8.0E-16
NOx											
NOx (Oxides of Nitrogen)						2.2E-05	5.2E-05	2.8E-06	2.8E-06		
PAHs											
1-Methylnaphthalene		3.4E-18	4.8E-18	3.1E-18	8.7E-18	4.7E-07	1.1E-06	5.9E-08	5.9E-08	3.5E-15	2.2E-14
1-Methylphenanthrene				2.1E-15	5.8E-15	5.6E-08	1.3E-07	7.0E-09	7.0E-09	1.0E-16	6.2E-16
2,3,5-Trimethylnaphthalene				9.7E-16	2.7E-15	2.8E-08	6.4E-08	3.5E-09	3.5E-09	4.7E-17	2.9E-16
2,6-Dimethylnaphthalene				2.6E-15	7.4E-15	7.4E-08	1.7E-07	9.2E-09	9.2E-09	1.3E-16	8.0E-16
2-Methylnaphthalene		3.3E-18	4.6E-18	3.0E-18	8.4E-18	4.6E-07	1.1E-06	5.7E-08	5.7E-08	3.4E-15	2.1E-14
Acenaphthylene				8.5E-15	2.4E-14	2.7E-07	6.2E-07	3.4E-08	3.4E-08	4.2E-16	2.6E-15
Acenaphthene	4.8E-17					4.9E-08	1.1E-07	6.2E-09	6.2E-09		
Anthracene	6.1E-16					8.7E-08	2.0E-07	1.1E-08	1.1E-08		
Benzo(a)anthracene	8.8E-14	1.3E-09	3.3E-14	1.2E-09	6.0E-14	4.3E-08	9.9E-08	5.3E-09	5.3E-09	1.8E-08	1.1E-07
Benzo(a)pyrene	4.4E-14	1.2E-09	1.9E-09	1.1E-09	3.4E-09	1.7E-08	3.9E-08	2.1E-09	2.1E-09	5.4E-11	3.7E-10
Benzo(b)fluoranthene	1.2E-14	1.9E-09	1.7E-09	1.7E-09	3.1E-09	1.9E-08	4.3E-08	2.3E-09	2.3E-09	8.4E-11	3.3E-10
Benzo(e)pyrene				4.9E-16	1.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	2.4E-17	1.5E-16
Benzo(g,h,i)perylene				3.6E-16	1.0E-15	1.1E-08	2.5E-08	1.4E-09	1.4E-09	1.8E-17	1.1E-16
Benzo(k)fluoranthene	8.8E-17	1.0E-09	9.0E-16	9.2E-10	1.6E-15	1.7E-10	3.8E-10	2.1E-11	2.1E-11	4.5E-11	1.8E-16

Table H-27 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				4.8E-17	1.3E-16	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.8E-14	1.7E-13
Chrysene	1.5E-14	1.6E-09	4.1E-14	1.5E-09	7.5E-14	7.3E-08	1.7E-07	9.1E-09	9.1E-09	7.2E-11	8.1E-15
Dibenze(a,h)anthracene	2.1E-15	2.8E-10	5.3E-15	2.6E-10	9.6E-15	2.7E-09	6.1E-09	3.3E-10	3.3E-10	1.3E-11	1.0E-15
Fluoranthene	4.0E-15	8.6E-16	1.2E-15	7.8E-16	2.2E-15	1.1E-07	2.5E-07	1.3E-08	1.3E-08	3.8E-17	2.4E-16
Fluorene	8.7E-16					2.7E-07	6.2E-07	3.3E-08	3.3E-08		
Indeno(1,2,3-cd)pyrene	5.4E-15	8.1E-10	1.5E-14	7.3E-10	2.7E-14	8.8E-09	2.0E-08	1.1E-09	1.1E-09	3.6E-11	3.0E-15
Napthalene	4.0E-16					2.1E-06	4.9E-06	2.7E-07	2.7E-07		
Perylene				1.9E-16	5.3E-16	6.6E-09	1.5E-08	8.2E-10	8.2E-10	9.2E-18	5.7E-17
Phenanthrene	4.2E-15					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
Pyrene	2.9E-15	2.4E-15	3.3E-15	2.2E-15	6.0E-15	1.0E-07	2.4E-07	1.3E-08	1.3E-08	6.0E-14	3.7E-13
Particulate											
Particulate Total Suspended Particulate				4.3E-11	1.2E-10	3.3E-04	7.7E-04	4.2E-05	4.2E-05	2.1E-12	1.3E-11
PM<10				5.5E-11	1.5E-10	4.4E-04	1.0E-03	5.5E-05	5.5E-05	2.7E-12	1.6E-11
PM<2.5				4.5E-11	1.3E-10	3.8E-04	8.7E-04	4.7E-05	4.7E-05	2.2E-12	1.4E-11
PCBs											
Dichlorobiphenyl	8.7E-17	5.1E-18	7.1E-18	4.3E-18	1.2E-17	1.3E-09	3.1E-09	1.7E-10	1.7E-10	4.0E-16	2.5E-15
Heptachlorobiphenyl	3.3E-18	5.8E-19	8.1E-19	4.9E-19	1.4E-18	1.8E-11	4.2E-11	2.3E-12	2.3E-12	2.5E-17	1.5E-16
Hexachlorobiphenyl	1.3E-17	2.6E-18	3.6E-18	2.2E-18	6.2E-18	7.6E-11	1.8E-10	9.5E-12	9.5E-12	1.1E-16	6.9E-16
Monochlorobiphenyl	6.1E-16	3.5E-17	4.9E-17	3.0E-17	8.3E-17	9.2E-09	2.1E-08	1.2E-09	1.2E-09	2.8E-15	1.7E-14
Nonachlorobiphenyl	4.1E-19	1.0E-19	1.4E-19	8.6E-20	2.4E-19	2.6E-12	5.9E-12	3.2E-13	3.2E-13	4.4E-18	2.7E-17
Octachlorobiphenyl	9.7E-19	1.9E-19	2.6E-19	1.6E-19	4.4E-19	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.1E-18	5.0E-17
Pentachlorobiphenyl	4.4E-17	9.4E-18	1.3E-17	7.9E-18	2.2E-17	2.6E-10	6.0E-10	3.3E-11	3.3E-11	4.0E-16	2.5E-15
Tetrachlorobiphenyl	2.6E-17	1.9E-18	2.7E-18	1.6E-18	4.6E-18	4.3E-10	9.9E-10	5.4E-11	5.4E-11	1.5E-16	9.4E-16
Trichlorobiphenyl	3.4E-17	2.3E-18	3.2E-18	2.0E-18	5.5E-18	5.5E-10	1.3E-09	6.8E-11	6.8E-11	1.8E-16	1.1E-15

Table H-27 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				1.3E-09	3.9E-09					4.1E-08	2.5E-07
Dieldrin		6.7E-12		8.0E-12						3.9E-13	
SVOCs											
1,2,4-trichlorobenzene						3.9E-09	8.9E-09	4.8E-10	4.8E-10		
1,2-dichlorobenzene	3.9E-20					1.6E-09	3.6E-09	1.9E-10	1.9E-10		
1,3-dichlorobenzene	9.9E-20					2.3E-09	5.4E-09	2.9E-10	2.9E-10		
1,4-dichlorobenzene	1.3E-18					2.2E-08	5.0E-08	2.7E-09	2.7E-09		
1,4-Dioxane						1.8E-03					
2,4-Dimethylphenol	3.6E-17					3.4E-07	7.8E-07	4.2E-08	4.2E-08		
2-Chlorophenol	1.8E-18					6.8E-08	1.6E-07	8.5E-09	8.5E-09		
2-Methylphenol	7.5E-16					8.0E-07	1.8E-06	9.9E-08	9.9E-08		
2-Nitrophenol	4.6E-18					1.1E-07	2.5E-07	1.3E-08	1.3E-08		
3-Methylphenol & 4-Methylphenol				5.3E-14	1.5E-13	1.4E-06	3.3E-06	1.8E-07	1.8E-07	2.6E-15	1.6E-14
4-Nitrophenol	9.3E-18					1.8E-07	4.1E-07	2.2E-08	2.2E-08		
Acetophenone	5.6E-17					1.7E-06	3.9E-06	2.1E-07	2.1E-07		
Benzoic acid	2.3E-16					7.7E-06	1.8E-05	9.6E-07	9.6E-07		
Benzyl alcohol	1.4E-19					6.4E-08	1.5E-07	8.0E-09	8.0E-09		
bis(2-Ethylhexyl) phthalate	7.0E-15	9.6E-14	1.3E-13	1.1E-13	3.2E-13	2.7E-06	6.3E-06	3.4E-07	3.4E-07	5.5E-15	3.4E-14
Butyl benzyl phthalate	2.5E-15	4.6E-17	6.5E-17	5.5E-17	1.5E-16	8.5E-08	2.0E-07	1.1E-08	1.1E-08	2.7E-18	1.7E-17
Carbazole				2.0E-16	5.6E-16	2.4E-09	5.5E-09	3.0E-10	3.0E-10	9.8E-18	6.0E-17
Dibenzofuran		2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.4E-07	3.1E-07	1.7E-08	1.7E-08	3.5E-15	2.1E-14
Dimethyl phthalate	9.2E-19					4.8E-09	1.1E-08	5.9E-10	5.9E-10		
Di-n-butyl phthalate	2.4E-14	4.6E-17	6.5E-17	5.5E-17	1.5E-16	1.3E-07	3.0E-07	1.6E-08	1.6E-08	2.7E-18	1.7E-17

Table H-27 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.8E-19	1.3E-16	1.9E-16	1.6E-16	4.4E-16	9.2E-09	2.1E-08	1.1E-09	1.1E-09	7.8E-18	4.8E-17
Hexachlorobutadiene	9.6E-17					6.3E-07	1.5E-06	7.9E-08	7.9E-08		
Isopropanol						2.9E-02					
Phenol	2.1E-15					4.3E-06	9.9E-06	5.4E-07	5.4E-07		
Pyridine	1.1E-16					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
TRS											
Total Reduced Sulfur						4.2E-06	9.6E-06	5.2E-07	5.2E-07		
VOCs											
1,1,1,2-Tetrachloroethane	3.8E-20					1.9E-09	4.5E-09	2.4E-10	2.4E-10		
1,1,1-Trichloroethane	2.5E-21					1.9E-09	4.4E-09	2.4E-10	2.4E-10		
1,1-Dichloroethene	8.5E-23					3.7E-10	8.6E-10	4.6E-11	4.6E-11		
1,2,3-Trichlorobenzene	2.7E-18					7.6E-09	1.8E-08	9.5E-10	9.5E-10		
1,2,3-Trichloropropane	1.5E-20					1.5E-09	3.6E-09	1.9E-10	1.9E-10		
1,2,4-Trimethylbenzene						8.9E-08	2.1E-07	1.1E-08	1.1E-08		
1,2-Dibromoethane	5.3E-21					9.9E-10	2.3E-09	1.2E-10	1.2E-10		
1,2-Dichloroethane	1.7E-19					4.0E-08	9.1E-08	1.4E-05	1.4E-05		
1,3,5-Trimethylbenzene	8.6E-19					8.4E-08	1.9E-07	1.0E-08	1.0E-08		
1,3-Dichloropropane						9.6E-10	2.2E-09	1.2E-10	1.2E-10		
2-Butanone	3.5E-17					4.7E-07	1.1E-06	5.9E-08	5.9E-08		
2-Chlorotoluene						2.1E-08	4.9E-08	2.6E-09	2.6E-09		
2-Hexanone						9.7E-08	2.2E-07	1.2E-08	1.2E-08		
Benzene	2.8E-17					9.1E-04	2.9E-05	1.4E-04	1.4E-04		
Bromobenzene						5.3E-07	1.2E-06	6.6E-08	6.6E-08		
Bromochloromethane						1.3E-09	2.9E-09	1.6E-10	1.6E-10		

Table H-27 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	4.5E-21					1.4E-09	3.1E-09	1.7E-10	1.7E-10		
Bromomethane	1.9E-20					5.4E-08	1.3E-07	6.8E-09	6.8E-09		
Carbon disulfide	1.8E-20					4.8E-08	1.1E-07	6.0E-09	6.0E-09		
Carbon tetrachloride	1.9E-21					1.9E-03	7.2E-09	2.2E-04	2.2E-04		
Chlorobenzene	6.7E-19					6.9E-08	1.6E-07	8.6E-09	8.6E-09		
Chlorodibromomethane	2.6E-19					3.4E-08	7.8E-08	4.2E-09	4.2E-09		
Chloroethane	5.3E-20					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
Chloroform	4.0E-20					6.2E-04	6.5E-08	3.4E-05	3.4E-05		
Chloromethane	1.4E-19					4.4E-07	1.0E-06	5.5E-08	5.5E-08		
cis-1,2-Dichloroethene	5.4E-20					5.7E-08	1.3E-07	7.1E-09	7.1E-09		
cis-1,3-Dichloropropene						3.5E-10	8.0E-10	4.3E-11	4.3E-11		
Dibromomethane	6.0E-21					2.9E-09	6.7E-09	3.6E-10	3.6E-10		
Dichlorodifluoromethane	6.7E-23					3.6E-09	8.2E-09	4.4E-10	4.4E-10		
Ethylbenzene	2.1E-17					5.2E-04	6.5E-06	3.5E-07	3.5E-07		
Isopropylbenzene	2.8E-20					2.3E-07	5.2E-07	2.8E-08	2.8E-08		
m&p-Xylene	3.4E-18					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Methyl Isobutyl Ketone (4-methyl-2-per	3.4E-20					5.1E-09	1.2E-08	6.4E-10	6.4E-10		
Methylene chloride	3.7E-19					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
n-Butylbenzene						1.1E-07	2.6E-07	1.4E-08	1.4E-08		
n-Propylbenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08		
o-Xylene	4.0E-18					3.3E-07	7.6E-07	4.1E-08	4.1E-08		
p-Chlorotoluene						7.9E-09	1.8E-08	9.9E-10	9.9E-10		
p-Isopropyltoluene						5.5E-08	1.3E-07	6.9E-09	6.9E-09		
sec-Butylbenzene						2.0E-08	4.7E-08	2.5E-09	2.5E-09		

Table H-27 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Styrene	1.3E-16					7.3E-06	1.7E-05	9.1E-07	9.1E-07		
tert-Butylbenzene						6.5E-07	1.5E-06	8.2E-08	8.2E-08		
Tetrachloroethene	9.4E-21					1.7E-09	4.0E-09	2.2E-10	2.2E-10		
Toluene	2.2E-17					4.5E-06	1.0E-05	5.6E-07	5.6E-07		
trans-1,2-Dichloroethene	8.4E-19					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
trans-1,3-Dichloropropene						6.0E-10	1.4E-09	7.5E-11	7.5E-11		
Trichloroethene	9.7E-23					1.4E-04	2.4E-10	1.3E-11	1.3E-11		
Trichlorofluoromethane	1.5E-22					1.2E-09	2.9E-09	1.6E-10	1.6E-10		
Vinyl chloride	6.9E-21					2.0E-04	1.6E-07	8.8E-09	8.8E-09		

Table H-28 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					6.2E-07	2.7E-02	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18	
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18	
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19	
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19	
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18	
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19	
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19	
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19	
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20	
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19	
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19	

Table H-28 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.1E-02	1.9E-02					5.3E-07	2.1E-06
Antimony	1.6E-17			2.6E-07	1.7E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.3E-11	1.8E-11
Arsenic	8.1E-16	6.0E-07	1.8E-07	1.4E-06	8.6E-07	5.9E-10	1.4E-09	7.4E-11	7.4E-11	1.2E-10	1.6E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				3.1E-05	6.4E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.5E-09	6.9E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				2.5E-02	4.3E-02					1.2E-06	4.7E-06
Lead	6.9E-18			9.0E-05	1.4E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	4.4E-09	1.6E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				9.8E-07	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	1.9E-06	1.2E-05
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19

Table H-28 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.8E-04	1.3E-03	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.9E-08	1.4E-07
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Thallium (Soluble Salts)				2.7E-07						1.3E-11	
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	9.0E-08	2.8E-12	8.1E-08	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	1.2E-09	7.6E-09
Benzo(a)pyrene	3.1E-12	8.5E-08	1.3E-07	7.7E-08	2.4E-07	1.2E-09	2.7E-09	1.5E-10	1.5E-10	3.8E-12	2.6E-11
Benzo(b)fluoranthene	8.3E-13	1.3E-07	1.2E-07	1.2E-07	2.2E-07	1.3E-09	3.0E-09	1.6E-10	1.6E-10	5.9E-12	2.3E-11
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	7.1E-08	9.7E-14	6.4E-08	1.8E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.1E-12	1.9E-17

Table H-28 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	1.1E-07	3.8E-12	1.0E-07	6.9E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	5.0E-12	7.4E-16
Dibenze(a,h)anthracene	1.6E-13	2.0E-08	4.7E-13	1.8E-08	8.6E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	8.8E-13	9.3E-17
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	5.7E-08	1.3E-12	5.1E-08	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	2.5E-12	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16

Table H-28 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				9.0E-08	2.8E-07					2.9E-09	1.8E-08
Dieldrin		4.7E-10		5.6E-10						2.7E-14	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
1,4-Dioxane						1.3E-04					
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18

Table H-28 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						2.0E-03					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					6.4E-05	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		

Table H-28 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.3E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					4.3E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					3.7E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		

Table H-28 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					1.0E-05	1.7E-11	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					1.4E-05	1.1E-08	6.2E-10	6.2E-10		

Table H-29 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						1.2E-05	4.3E-04	1.5E-06	1.4E-04		
Aldehydes											
Acetaldehyde	1.3E-15					2.1E-05	7.4E-04	2.6E-06	2.5E-04		
Formaldehyde	6.5E-15					8.8E-06	2.9E-04	1.1E-06	9.7E-05		
Propionaldehyde				3.2E-17	1.0E-15	2.3E-06	8.2E-05	2.8E-07	2.7E-05	2.4E-13	1.7E-11
CO											
Carbon monoxide						6.4E-04	2.4E-02	8.0E-05	7.9E-03		
CO2											
Carbon dioxide						2.0E-05	7.2E-04	2.5E-06	2.4E-04		
Criteria											
Sulfur Dioxide						5.4E-06	1.7E-04	6.8E-07	5.8E-05		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-20	1.1E-17	2.0E-16	4.2E-17	1.6E-15	1.2E-11	4.8E-10	1.5E-12	1.6E-10	2.1E-18	1.7E-16
1,2,3,4,6,7,8-HpCDF	1.3E-20	1.1E-17	2.0E-16	4.3E-17	1.6E-15	1.2E-11	4.9E-10	1.5E-12	1.6E-10	2.1E-18	1.7E-16
1,2,3,4,7,8,9-HpCDF	2.1E-21	1.2E-18	2.4E-17	4.9E-18	1.9E-16	1.6E-12	6.3E-11	1.9E-13	2.1E-11	2.4E-19	2.1E-17
1,2,3,4,7,8-HxCDD	1.6E-20	1.2E-18	2.4E-17	4.8E-18	1.9E-16	1.5E-12	5.9E-11	1.8E-13	2.0E-11	2.4E-19	2.0E-17
1,2,3,4,7,8-HxCDF	1.1E-19	9.7E-18	1.9E-16	3.8E-17	1.5E-15	1.2E-11	4.8E-10	1.5E-12	1.6E-10	1.9E-18	1.6E-16
1,2,3,6,7,8-HxCDD	3.1E-20	2.5E-18	4.8E-17	9.8E-18	3.8E-16	3.1E-12	1.2E-10	3.8E-13	4.1E-11	4.8E-19	4.1E-17
1,2,3,6,7,8-HxCDF	4.0E-20	3.2E-18	6.2E-17	1.2E-17	4.9E-16	3.8E-12	1.6E-10	4.8E-13	5.2E-11	6.1E-19	5.3E-17
1,2,3,7,8,9-HxCDD	4.3E-20	3.9E-18	7.6E-17	1.5E-17	6.0E-16	4.6E-12	1.9E-10	5.8E-13	6.3E-11	7.6E-19	6.4E-17
1,2,3,7,8,9-HxCDF	3.4E-21	2.3E-19	4.4E-18	8.9E-19	3.5E-17	2.9E-13	1.2E-11	3.7E-14	4.0E-12	4.4E-20	3.8E-18
1,2,3,7,8-PeCDD	9.8E-20	1.4E-18	2.7E-17	5.4E-18	2.1E-16	1.8E-12	7.5E-11	2.3E-13	2.5E-11	2.7E-19	2.3E-17
1,2,3,7,8-PeCDF	1.4E-19	1.6E-18	3.2E-17	6.4E-18	2.5E-16	2.6E-12	1.1E-10	3.3E-13	3.6E-11	3.1E-19	2.7E-17

Table H-29 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.8E-20	5.0E-18	9.3E-17	2.0E-17	7.4E-16	5.9E-12	2.4E-10	7.4E-13	7.9E-11	9.6E-19	7.9E-17
2,3,4,7,8-PeCDF	2.1E-19	3.9E-18	7.6E-17	1.5E-17	6.0E-16	5.9E-12	2.4E-10	7.4E-13	8.0E-11	7.5E-19	6.5E-17
2,3,7,8-TCDD	3.4E-20	2.8E-19	4.1E-18	1.1E-18	3.2E-17	7.4E-13	2.5E-11	9.3E-14	8.3E-12	3.8E-17	2.4E-15
2,3,7,8-TCDF	1.1E-19	5.1E-19	1.0E-17	2.0E-18	8.1E-17	2.7E-12	1.1E-10	3.4E-13	3.7E-11	9.9E-20	8.7E-18
OCDD	1.7E-22	7.3E-18	1.3E-16	2.9E-17	1.1E-15	8.0E-12	3.2E-10	1.0E-12	1.1E-10	1.4E-18	1.1E-16
OCDF	6.5E-23	2.8E-18	5.0E-17	1.1E-17	4.0E-16	3.0E-12	1.2E-10	3.8E-13	3.9E-11	5.4E-19	4.3E-17
HCN											
Hydrogen cyanide						2.3E-06	8.8E-05	2.8E-07	2.9E-05		
Metals											
Aluminum				1.5E-04						7.6E-06	
Antimony	2.2E-19			3.7E-09		1.5E-07	3.7E-06	1.9E-08	1.2E-06	1.8E-10	
Arsenic	1.2E-17	8.5E-09	6.9E-19	2.0E-08	3.3E-18	8.5E-09	3.0E-07	1.1E-09	1.0E-07	1.6E-09	5.9E-19
Barium	2.6E-14			2.5E-11	8.8E-10	1.8E-06	4.8E-05	2.2E-07	1.6E-05	1.2E-12	9.5E-11
Beryllium	4.7E-19			1.5E-17	5.6E-16	6.1E-10	2.1E-08	7.7E-11	6.9E-09	7.3E-19	6.1E-17
Cadmium	1.2E-16			1.2E-17	4.5E-16	1.1E-08	3.8E-07	1.4E-09	1.3E-07	5.7E-19	4.8E-17
Chromium	3.1E-17			7.6E-13	3.0E-11	9.2E-08	3.3E-06	1.2E-08	1.1E-06	3.7E-14	3.2E-12
Cobalt				4.5E-07	8.0E-11	1.4E-07	2.6E-06	1.8E-08	8.5E-07	2.2E-08	8.7E-12
Copper				2.8E-12	1.1E-10	2.5E-07	8.7E-06	3.2E-08	2.9E-06	1.4E-13	1.1E-11
Iron				3.6E-04						1.8E-05	
Lead	9.9E-20			1.3E-06	5.5E-14	8.5E-08	2.8E-06	1.1E-08	9.3E-07	6.3E-08	5.9E-15
Manganese				1.1E-14	4.3E-13	7.8E-08	2.7E-06	9.7E-09	9.0E-07	5.6E-16	4.7E-14
Mercury (+2)				2.4E-16	7.6E-15	3.4E-10	1.2E-08	4.2E-11	4.0E-09	1.2E-17	8.1E-16
Mercury, elemental				1.4E-08		1.4E-12	4.9E-11	1.8E-13	1.6E-11	2.7E-05	
Methyl Mercury	9.3E-17			1.5E-17	5.6E-16					7.1E-19	6.1E-17

Table H-29 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	4.7E-17			8.3E-06	2.2E-15	5.0E-08	1.7E-06	6.2E-09	5.7E-07	4.1E-07	2.4E-16
Phosphorus				1.1E-16	4.0E-15	3.8E-07	1.2E-05	4.7E-08	4.1E-06	1.0E-12	8.4E-11
Selenium	3.9E-18			5.8E-19	2.2E-17	2.5E-09	8.7E-08	3.1E-10	2.9E-08	2.8E-20	2.4E-18
Silver	2.7E-18			9.3E-15	3.4E-13	1.6E-09	5.3E-08	2.0E-10	1.8E-08	4.5E-16	3.7E-14
Thallium (Soluble Salts)				3.8E-09						1.9E-10	
Titanium				1.1E-16	4.6E-15	8.7E-10	3.3E-08	1.1E-10	1.1E-08	5.6E-18	5.0E-16
Zinc	5.8E-14			2.6E-15	9.3E-14	2.0E-06	5.6E-05	2.4E-07	1.9E-05	1.3E-16	1.0E-14
NOx											
NOx (Oxides of Nitrogen)						2.2E-05	7.5E-04	2.8E-06	2.5E-04		
PAHs											
1-Methylnaphthalene		3.4E-18	6.9E-17	3.1E-18	1.3E-16	4.7E-07	2.0E-05	5.9E-08	6.5E-06	3.5E-15	3.2E-13
1-Methylphenanthrene				2.1E-15	8.6E-14	5.6E-08	2.4E-06	7.0E-09	7.9E-07	1.0E-16	9.2E-15
2,3,5-Trimethylnaphthalene				9.7E-16	4.2E-14	2.8E-08	1.2E-06	3.5E-09	4.0E-07	4.7E-17	4.6E-15
2,6-Dimethylnaphthalene				2.6E-15	1.1E-13	7.4E-08	3.1E-06	9.2E-09	1.0E-06	1.3E-16	1.2E-14
2-Methylnaphthalene		3.3E-18	6.7E-17	3.0E-18	1.2E-16	4.6E-07	1.9E-05	5.7E-08	6.3E-06	3.4E-15	3.1E-13
Acenaphthylene				8.5E-15	3.6E-13	2.7E-07	1.1E-05	3.4E-08	3.8E-06	4.2E-16	3.9E-14
Acenaphthene	4.8E-17					4.9E-08	2.1E-06	6.2E-09	6.9E-07		
Anthracene	6.1E-16					8.7E-08	3.7E-06	1.1E-08	1.2E-06		
Benzo(a)anthracene	8.8E-14	1.3E-09	5.2E-13	1.2E-09	9.5E-13	4.3E-08	1.8E-06	5.3E-09	6.2E-07	1.8E-08	3.2E-11
Benzo(a)pyrene	4.4E-14	1.2E-09	2.3E-13	1.1E-09	4.1E-13	1.7E-08	7.0E-07	2.1E-09	2.3E-07	5.4E-11	4.5E-14
Benzo(b)fluoranthene	1.2E-14	1.9E-09	1.2E-14	1.7E-09	2.2E-14	1.9E-08	7.6E-07	2.3E-09	2.5E-07	8.4E-11	2.4E-15
Benzo(e)pyrene				4.9E-16	1.9E-14	1.4E-08	5.8E-07	1.8E-09	1.9E-07	2.4E-17	2.1E-15
Benzo(g,h,i)perylene				3.6E-16	1.5E-14	1.1E-08	4.5E-07	1.4E-09	1.5E-07	1.8E-17	1.6E-15
Benzo(k)fluoranthene	8.8E-17	1.0E-09	6.0E-15	9.2E-10	1.1E-14	1.7E-10	3.0E-09	2.1E-11	9.9E-10	4.5E-11	1.2E-15

Table H-29 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				4.8E-17	2.0E-15	1.6E-06	6.7E-05	2.0E-07	2.2E-05	2.8E-14	2.6E-12
Chrysene	1.5E-14	1.6E-09	6.0E-13	1.5E-09	1.1E-12	7.3E-08	3.0E-06	9.1E-09	1.0E-06	7.2E-11	1.2E-13
Dibenze(a,h)anthracene	2.1E-15	2.8E-10	7.5E-14	2.6E-10	1.4E-13	2.7E-09	1.1E-07	3.3E-10	3.6E-08	1.3E-11	1.5E-14
Fluoranthene	4.0E-15	8.6E-16	1.7E-14	7.8E-16	3.2E-14	1.1E-07	4.4E-06	1.3E-08	1.5E-06	3.8E-17	3.4E-15
Fluorene	8.7E-16					2.7E-07	1.1E-05	3.3E-08	3.8E-06		
Indeno(1,2,3-cd)pyrene	5.4E-15	8.1E-10	2.2E-13	7.3E-10	3.9E-13	8.8E-09	3.6E-07	1.1E-09	1.2E-07	3.6E-11	4.2E-14
Napthalene	4.0E-16					2.1E-06	8.8E-05	2.7E-07	2.9E-05		
Perylene				1.9E-16	8.8E-15	6.6E-09	2.9E-07	8.2E-10	9.7E-08	9.2E-18	9.4E-16
Phenanthrene	4.2E-15					5.0E-07	2.1E-05	6.3E-08	6.9E-06		
Pyrene	2.9E-15	2.4E-15	4.9E-14	2.2E-15	8.8E-14	1.0E-07	4.3E-06	1.3E-08	1.4E-06	6.0E-14	5.5E-12
Particulate											
Particulate Total Suspended Particulate				4.3E-11	1.7E-09	3.3E-04	1.3E-02	4.2E-05	4.3E-03	2.1E-12	1.9E-10
PM<10				5.5E-11	2.3E-09	4.4E-04	1.7E-02	5.5E-05	5.8E-03	2.7E-12	2.4E-10
PM<2.5				4.5E-11	1.9E-09	3.8E-04	1.5E-02	4.7E-05	5.0E-03	2.2E-12	2.1E-10
PCBs											
Dichlorobiphenyl	8.7E-17	5.1E-18	1.0E-16	4.3E-18	1.7E-16	1.3E-09	5.4E-08	1.7E-10	1.8E-08	4.0E-16	3.5E-14
Heptachlorobiphenyl	3.3E-18	5.8E-19	1.1E-17	4.9E-19	1.9E-17	1.8E-11	7.3E-10	2.3E-12	2.4E-10	2.5E-17	2.1E-15
Hexachlorobiphenyl	1.3E-17	2.6E-18	4.7E-17	2.2E-18	7.9E-17	7.6E-11	3.0E-09	9.5E-12	9.9E-10	1.1E-16	8.9E-15
Monochlorobiphenyl	6.1E-16	3.5E-17	7.0E-16	3.0E-17	1.2E-15	9.2E-09	3.8E-07	1.2E-09	1.3E-07	2.8E-15	2.4E-13
Nonachlorobiphenyl	4.1E-19	1.0E-19	1.6E-18	8.6E-20	2.7E-18	2.6E-12	9.1E-11	3.2E-13	3.0E-11	4.4E-18	3.0E-16
Octachlorobiphenyl	9.7E-19	1.9E-19	3.4E-18	1.6E-19	5.8E-18	5.5E-12	2.2E-10	6.9E-13	7.2E-11	8.1E-18	6.5E-16
Pentachlorobiphenyl	4.4E-17	9.4E-18	1.6E-16	7.9E-18	2.7E-16	2.6E-10	9.9E-09	3.3E-11	3.3E-09	4.0E-16	3.0E-14
Tetrachlorobiphenyl	2.6E-17	1.9E-18	3.3E-17	1.6E-18	5.5E-17	4.3E-10	1.6E-08	5.4E-11	5.4E-09	1.5E-16	1.1E-14
Trichlorobiphenyl	3.4E-17	2.3E-18	4.1E-17	2.0E-18	7.0E-17	5.5E-10	2.1E-08	6.8E-11	7.0E-09	1.8E-16	1.4E-14

Table H-29 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				1.3E-09						4.1E-08	
Dieldrin		6.7E-12		8.0E-12						3.9E-13	
SVOCs											
1,2,4-trichlorobenzene						3.9E-09	1.2E-07	4.8E-10	4.1E-08		
1,2-dichlorobenzene	3.9E-20					1.6E-09	2.8E-08	1.9E-10	9.2E-09		
1,3-dichlorobenzene	9.9E-20					2.3E-09	7.9E-08	2.9E-10	2.6E-08		
1,4-dichlorobenzene	1.3E-18					2.2E-08	9.7E-07	2.7E-09	3.2E-07		
1,4-Dioxane						1.8E-03					
2,4-Dimethylphenol	3.6E-17					3.4E-07	1.4E-05	4.2E-08	4.5E-06		
2-Chlorophenol	1.8E-18					6.8E-08	2.9E-06	8.5E-09	9.8E-07		
2-Methylphenol	7.5E-16					8.0E-07	3.3E-05	9.9E-08	1.1E-05		
2-Nitrophenol	4.6E-18					1.1E-07	4.5E-06	1.3E-08	1.5E-06		
3-Methylphenol & 4-Methylphenol				5.3E-14	2.2E-12	1.4E-06	6.0E-05	1.8E-07	2.0E-05	2.6E-15	2.4E-13
4-Nitrophenol	9.3E-18					1.8E-07	6.9E-06	2.2E-08	2.3E-06		
Acetophenone	5.6E-17					1.7E-06	7.0E-05	2.1E-07	2.3E-05		
Benzoic acid	2.3E-16					7.7E-06	3.2E-04	9.6E-07	1.1E-04		
Benzyl alcohol	1.4E-19					6.4E-08	1.9E-06	8.0E-09	6.5E-07		
bis(2-Ethylhexyl) phthalate	7.0E-15	9.6E-14	1.7E-12	1.1E-13	4.1E-12	2.7E-06	1.1E-04	3.4E-07	3.5E-05	5.5E-15	4.4E-13
Butyl benzyl phthalate	2.5E-15	4.6E-17	9.5E-16	5.5E-17	2.2E-15	8.5E-08	3.5E-06	1.1E-08	1.2E-06	2.7E-18	2.4E-16
Carbazole				2.0E-16	3.7E-15	2.4E-09	4.3E-08	3.0E-10	1.4E-08	9.8E-18	4.0E-16
Dibenzofuran		2.1E-18	4.1E-17	8.1E-18	3.2E-16	1.4E-07	5.6E-06	1.7E-08	1.9E-06	3.5E-15	3.0E-13
Dimethyl phthalate	9.2E-19					4.8E-09	8.5E-08	5.9E-10	2.8E-08		
Di-n-butyl phthalate	2.4E-14	4.6E-17	9.5E-16	5.5E-17	2.3E-15	1.3E-07	5.4E-06	1.6E-08	1.8E-06	2.7E-18	2.4E-16

Table H-29 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.8E-19	1.3E-16	1.2E-15	1.6E-16	2.9E-15	9.2E-09	1.6E-07	1.1E-09	5.5E-08	7.8E-18	3.2E-16
Hexachlorobutadiene	9.6E-17					6.3E-07	1.1E-05	7.9E-08	3.8E-06		
Isopropanol						2.9E-02					
Phenol	2.1E-15					4.3E-06	1.8E-04	5.4E-07	5.9E-05		
Pyridine	1.1E-16					4.1E-07	1.7E-05	5.1E-08	5.7E-06		
TRS											
Total Reduced Sulfur						4.2E-06	1.8E-04	5.2E-07	6.0E-05		
VOCs											
1,1,1,2-Tetrachloroethane	3.8E-20					1.9E-09	6.5E-08	2.4E-10	2.2E-08		
1,1,1-Trichloroethane	2.5E-21					1.9E-09	7.1E-08	2.4E-10	2.4E-08		
1,1-Dichloroethene	8.5E-23					3.7E-10	6.6E-09	4.6E-11	2.2E-09		
1,2,3-Trichlorobenzene	2.7E-18					7.6E-09	2.8E-07	9.5E-10	9.4E-08		
1,2,3-Trichloropropane	1.5E-20					1.5E-09	2.8E-08	1.9E-10	9.2E-09		
1,2,4-Trimethylbenzene						8.9E-08	2.8E-06	1.1E-08	9.4E-07		
1,2-Dibromoethane	5.3E-21					9.9E-10	1.8E-08	1.2E-10	5.9E-09		
1,2-Dichloroethane	1.7E-19					4.0E-08	1.5E-06	1.4E-05	5.0E-07		
1,3,5-Trimethylbenzene	8.6E-19					8.4E-08	2.5E-06	1.0E-08	8.3E-07		
1,3-Dichloropropane						9.6E-10	1.7E-08	1.2E-10	5.7E-09		
2-Butanone	3.5E-17					4.7E-07	1.9E-05	5.9E-08	6.2E-06		
2-Chlorotoluene						2.1E-08	8.7E-07	2.6E-09	2.9E-07		
2-Hexanone						9.7E-08	3.5E-06	1.2E-08	1.2E-06		
Benzene	2.8E-17					9.1E-04	4.9E-04	1.4E-04	1.6E-04		
Bromobenzene						5.3E-07	9.5E-06	6.6E-08	3.2E-06		
Bromochloromethane						1.3E-09	2.2E-08	1.6E-10	7.5E-09		

Table H-29 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	4.5E-21					1.4E-09	2.4E-08	1.7E-10	8.1E-09		
Bromomethane	1.9E-20					5.4E-08	1.6E-06	6.8E-09	5.5E-07		
Carbon disulfide	1.8E-20					4.8E-08	1.4E-06	6.0E-09	4.7E-07		
Carbon tetrachloride	1.9E-21					1.9E-03	5.6E-08	2.2E-04	1.9E-08		
Chlorobenzene	6.7E-19					6.9E-08	2.5E-06	8.6E-09	8.2E-07		
Chlorodibromomethane	2.6E-19					3.4E-08	6.0E-07	4.2E-09	2.0E-07		
Chloroethane	5.3E-20					1.3E-07	4.5E-06	1.6E-08	1.5E-06		
Chloroform	4.0E-20					6.2E-04	5.5E-07	3.4E-05	1.8E-07		
Chloromethane	1.4E-19					4.4E-07	1.3E-05	5.5E-08	4.5E-06		
cis-1,2-Dichloroethene	5.4E-20					5.7E-08	1.0E-06	7.1E-09	3.4E-07		
cis-1,3-Dichloropropene						3.5E-10	6.2E-09	4.3E-11	2.1E-09		
Dibromomethane	6.0E-21					2.9E-09	5.2E-08	3.6E-10	1.7E-08		
Dichlorodifluoromethane	6.7E-23					3.6E-09	6.3E-08	4.4E-10	2.1E-08		
Ethylbenzene	2.1E-17					5.2E-04	1.1E-04	3.5E-07	3.5E-05		
Isopropylbenzene	2.8E-20					2.3E-07	7.7E-06	2.8E-08	2.6E-06		
m&p-Xylene	3.4E-18					5.2E-07	1.8E-05	6.5E-08	5.9E-06		
Methyl Isobutyl Ketone (4-methyl-2-per	3.4E-20					5.1E-09	9.1E-08	6.4E-10	3.0E-08		
Methylene chloride	3.7E-19					2.6E-07	9.5E-06	3.2E-08	3.2E-06		
n-Butylbenzene						1.1E-07	3.3E-06	1.4E-08	1.1E-06		
n-Propylbenzene						1.3E-07	4.4E-06	1.7E-08	1.5E-06		
o-Xylene	4.0E-18					3.3E-07	1.1E-05	4.1E-08	3.6E-06		
p-Chlorotoluene						7.9E-09	2.4E-07	9.9E-10	8.0E-08		
p-Isopropyltoluene						5.5E-08	1.3E-06	6.9E-09	4.4E-07		
sec-Butylbenzene						2.0E-08	6.2E-07	2.5E-09	2.1E-07		

Table H-29 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Styrene	1.3E-16					7.3E-06	2.7E-04	9.1E-07	8.9E-05		
tert-Butylbenzene						6.5E-07	1.2E-05	8.2E-08	3.9E-06		
Tetrachloroethene	9.4E-21					1.7E-09	6.0E-08	2.2E-10	2.0E-08		
Toluene	2.2E-17					4.5E-06	1.8E-04	5.6E-07	5.9E-05		
trans-1,2-Dichloroethene	8.4E-19					1.2E-06	2.2E-05	1.5E-07	7.2E-06		
trans-1,3-Dichloropropene						6.0E-10	1.1E-08	7.5E-11	3.6E-09		
Trichloroethene	9.7E-23					1.4E-04	1.9E-09	1.3E-11	6.2E-10		
Trichlorofluoromethane	1.5E-22					1.2E-09	2.2E-08	1.6E-10	7.4E-09		
Vinyl chloride	6.9E-21					2.0E-04	1.7E-06	8.8E-09	5.7E-07		

Table H-30 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	3.0E-05	1.0E-07	9.9E-06		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	5.2E-05	1.8E-07	1.7E-05		
Formaldehyde	4.5E-13					6.2E-07	2.0E-05	7.7E-08	6.8E-06		
Propionaldehyde				2.2E-15	7.2E-14	1.6E-07	5.8E-06	2.0E-08	1.9E-06	1.7E-14	1.2E-12
CO											
Carbon monoxide						4.5E-05	1.7E-03	5.6E-06	5.6E-04		
CO2											
Carbon dioxide						1.4E-06	5.0E-05	1.8E-07	1.7E-05		
Criteria											
Sulfur Dioxide						3.8E-07	1.2E-05	4.7E-08	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	2.6E-14	5.5E-15	2.1E-13	8.5E-13	3.4E-11	1.1E-13	1.1E-11	2.7E-19	2.2E-17
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.6E-14	5.5E-15	2.1E-13	8.6E-13	3.4E-11	1.1E-13	1.1E-11	2.7E-19	2.2E-17
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	3.1E-15	6.4E-16	2.5E-14	1.1E-13	4.4E-12	1.4E-14	1.5E-12	3.1E-20	2.7E-18
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	3.0E-15	6.2E-16	2.4E-14	1.0E-13	4.1E-12	1.3E-14	1.4E-12	3.1E-20	2.6E-18
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	2.4E-14	4.9E-15	1.9E-13	8.3E-13	3.3E-11	1.0E-13	1.1E-11	2.4E-19	2.1E-17
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	6.2E-15	1.3E-15	4.9E-14	2.1E-13	8.7E-12	2.7E-14	2.9E-12	6.2E-20	5.3E-18
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	8.0E-15	1.6E-15	6.3E-14	2.7E-13	1.1E-11	3.4E-14	3.6E-12	7.9E-20	6.8E-18
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	9.8E-15	2.0E-15	7.7E-14	3.2E-13	1.3E-11	4.1E-14	4.4E-12	9.8E-20	8.3E-18
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	5.8E-16	1.2E-16	4.5E-15	2.1E-14	8.4E-13	2.6E-15	2.8E-13	5.7E-21	4.9E-19
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	3.5E-15	7.0E-16	2.8E-14	1.3E-13	5.3E-12	1.6E-14	1.8E-12	3.5E-20	3.0E-18
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	4.1E-15	8.3E-16	3.3E-14	1.8E-13	7.5E-12	2.3E-14	2.5E-12	4.0E-20	3.5E-18

Table H-30 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	1.2E-14	2.5E-15	9.5E-14	4.2E-13	1.7E-11	5.2E-14	5.6E-12	1.2E-19	1.0E-17
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	9.9E-15	2.0E-15	7.8E-14	4.1E-13	1.7E-11	5.2E-14	5.6E-12	9.7E-20	8.4E-18
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.2E-16	1.4E-16	4.1E-15	5.2E-14	1.7E-12	6.5E-15	5.8E-13	4.9E-18	3.1E-16
2,3,7,8-TCDF	8.0E-18	6.6E-17	1.3E-15	2.6E-16	1.0E-14	1.9E-13	7.8E-12	2.4E-14	2.6E-12	1.3E-20	1.1E-18
OCDD	1.8E-20	9.4E-16	1.7E-14	3.7E-15	1.4E-13	5.6E-13	2.2E-11	7.0E-14	7.4E-12	1.8E-19	1.5E-17
OCDF	6.7E-21	3.6E-16	6.5E-15	1.4E-15	5.1E-14	2.1E-13	8.2E-12	2.6E-14	2.7E-12	7.0E-20	5.5E-18
HCN											
Hydrogen cyanide						1.6E-07	6.2E-06	2.0E-08	2.1E-06		
Metals											
Aluminum				1.1E-02						5.3E-07	
Antimony	1.6E-17			2.6E-07		1.0E-08	2.6E-07	1.3E-09	8.6E-08	1.3E-11	
Arsenic	8.1E-16	6.0E-07	4.8E-17	1.4E-06	2.3E-16	5.9E-10	2.1E-08	7.4E-11	7.0E-09	1.2E-10	4.1E-20
Barium	2.3E-12			3.1E-09	1.1E-07	1.3E-07	3.4E-06	1.6E-08	1.1E-06	1.5E-13	1.2E-11
Beryllium	3.3E-17			1.0E-15	3.9E-14	4.3E-11	1.5E-09	5.4E-12	4.8E-10	5.1E-20	4.3E-18
Cadmium	8.3E-15			8.2E-16	3.1E-14	7.6E-10	2.6E-08	9.5E-11	8.8E-09	4.0E-20	3.4E-18
Chromium	2.6E-15			8.3E-11	3.2E-09	6.5E-09	2.3E-07	8.1E-10	7.7E-08	4.1E-15	3.5E-13
Cobalt				3.1E-05	1.0E-08	9.8E-09	1.8E-07	1.2E-09	6.0E-08	1.5E-09	1.1E-12
Copper				3.4E-10	1.3E-08	1.8E-08	6.1E-07	2.2E-09	2.0E-07	1.6E-14	1.4E-12
Iron				2.5E-02						1.2E-06	
Lead	6.9E-18			9.0E-05	3.8E-12	6.0E-09	2.0E-07	7.5E-10	6.5E-08	4.4E-09	4.1E-16
Manganese				8.0E-13	3.1E-11	5.5E-09	1.9E-07	6.8E-10	6.3E-08	3.9E-17	3.3E-15
Mercury (+2)				3.4E-14	1.1E-12	2.4E-11	8.3E-10	2.9E-12	2.8E-10	1.7E-18	1.1E-16
Mercury, elemental				9.8E-07		9.8E-14	3.5E-12	1.2E-14	1.2E-12	1.9E-06	
Methyl Mercury	8.7E-15			2.0E-15	7.9E-14					1.0E-19	8.5E-18

Table H-30 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.8E-04	1.6E-13	3.5E-09	1.2E-07	4.3E-10	4.0E-08	2.9E-08	1.7E-17
Phosphorus				7.5E-15	2.8E-13	2.6E-08	8.6E-07	3.3E-09	2.9E-07	7.2E-14	5.9E-12
Selenium	2.8E-16			4.0E-17	1.6E-15	1.7E-10	6.1E-09	2.2E-11	2.0E-09	2.0E-21	1.7E-19
Silver	2.1E-16			8.4E-13	3.1E-11	1.1E-10	3.7E-09	1.4E-11	1.2E-09	4.1E-17	3.4E-15
Thallium (Soluble Salts)				2.7E-07						1.3E-11	
Titanium				8.0E-15	3.2E-13	6.1E-11	2.3E-09	7.6E-12	7.6E-10	3.9E-19	3.5E-17
Zinc	4.1E-12			1.8E-13	6.5E-12	1.4E-07	3.9E-06	1.7E-08	1.3E-06	9.0E-18	7.0E-16
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	5.2E-05	2.0E-07	1.7E-05		
PAHs											
1-Methylnaphthalene		2.4E-16	4.9E-15	2.2E-16	8.9E-15	3.3E-08	1.4E-06	4.1E-09	4.6E-07	2.5E-16	2.2E-14
1-Methylphenanthrene				1.5E-13	6.0E-12	3.9E-09	1.7E-07	4.9E-10	5.5E-08	7.1E-18	6.5E-16
2,3,5-Trimethylnaphthalene				6.8E-14	3.0E-12	1.9E-09	8.4E-08	2.4E-10	2.8E-08	3.3E-18	3.2E-16
2,6-Dimethylnaphthalene				1.9E-13	7.9E-12	5.1E-09	2.2E-07	6.4E-10	7.3E-08	9.1E-18	8.5E-16
2-Methylnaphthalene		2.3E-16	4.7E-15	2.1E-16	8.6E-15	3.2E-08	1.3E-06	4.0E-09	4.4E-07	2.4E-16	2.2E-14
Acenaphthylene				6.0E-13	2.5E-11	1.9E-08	8.0E-07	2.4E-09	2.7E-07	2.9E-17	2.7E-15
Acenaphthene	3.4E-15					3.5E-09	1.4E-07	4.3E-10	4.8E-08		
Anthracene	4.3E-14					6.1E-09	2.6E-07	7.6E-10	8.6E-08		
Benzo(a)anthracene	6.2E-12	9.0E-08	4.4E-11	8.1E-08	8.0E-11	3.0E-09	1.3E-07	3.7E-10	4.3E-08	1.2E-09	2.7E-12
Benzo(a)pyrene	3.1E-12	8.5E-08	1.8E-11	7.7E-08	3.3E-11	1.2E-09	4.9E-08	1.5E-10	1.6E-08	3.8E-12	3.6E-15
Benzo(b)fluoranthene	8.3E-13	1.3E-07	1.0E-12	1.2E-07	1.8E-12	1.3E-09	5.3E-08	1.6E-10	1.8E-08	5.9E-12	2.0E-16
Benzo(e)pyrene				3.4E-14	1.3E-12	1.0E-09	4.1E-08	1.3E-10	1.4E-08	1.7E-18	1.4E-16
Benzo(g,h,i)perylene				2.5E-14	1.0E-12	7.7E-10	3.2E-08	9.6E-11	1.1E-08	1.2E-18	1.1E-16
Benzo(k)fluoranthene	7.4E-15	7.1E-08	6.4E-13	6.4E-08	1.2E-12	1.2E-11	2.1E-10	1.5E-12	6.9E-11	3.1E-12	1.3E-16

Table H-30 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	1.4E-13	1.1E-07	4.7E-06	1.4E-08	1.6E-06	2.0E-15	1.8E-13
Chrysene	1.1E-12	1.1E-07	5.5E-11	1.0E-07	9.9E-11	5.1E-09	2.1E-07	6.4E-10	7.1E-08	5.0E-12	1.1E-14
Dibenze(a,h)anthracene	1.6E-13	2.0E-08	6.7E-12	1.8E-08	1.2E-11	1.9E-10	7.6E-09	2.3E-11	2.5E-09	8.8E-13	1.3E-15
Fluoranthene	2.8E-13	6.7E-14	1.4E-12	6.1E-14	2.5E-12	7.5E-09	3.1E-07	9.4E-10	1.0E-07	3.0E-18	2.7E-16
Fluorene	6.1E-14					1.9E-08	7.9E-07	2.3E-09	2.6E-07		
Indeno(1,2,3-cd)pyrene	4.0E-13	5.7E-08	1.8E-11	5.1E-08	3.3E-11	6.2E-10	2.5E-08	7.7E-11	8.5E-09	2.5E-12	3.6E-15
Napthalene	2.8E-14					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Perylene				1.3E-14	6.2E-13	4.6E-10	2.0E-08	5.8E-11	6.8E-09	6.5E-19	6.6E-17
Phenanthrene	2.9E-13					3.5E-08	1.5E-06	4.4E-09	4.8E-07		
Pyrene	2.0E-13	2.5E-13	5.1E-12	2.3E-13	9.3E-12	7.3E-09	3.0E-07	9.1E-10	1.0E-07	6.4E-15	5.8E-13
Particulate											
Particulate Total Suspended Particulate				3.0E-09	1.2E-07	2.3E-05	9.0E-04	2.9E-06	3.0E-04	1.5E-13	1.3E-11
PM<10				3.8E-09	1.6E-07	3.1E-05	1.2E-03	3.9E-06	4.0E-04	1.9E-13	1.7E-11
PM<2.5				3.2E-09	1.3E-07	2.6E-05	1.0E-03	3.3E-06	3.5E-04	1.6E-13	1.4E-11
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	1.3E-14	5.5E-16	2.2E-14	9.3E-11	3.8E-09	1.2E-11	1.3E-09	5.1E-17	4.5E-15
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.4E-15	6.3E-17	2.4E-15	1.3E-12	5.1E-11	1.6E-13	1.7E-11	3.2E-18	2.7E-16
Hexachlorobiphenyl	9.3E-16	3.4E-16	6.1E-15	2.9E-16	1.0E-14	5.3E-12	2.1E-10	6.7E-13	6.9E-11	1.5E-17	1.1E-15
Monochlorobiphenyl	4.3E-14	4.5E-15	9.0E-14	3.8E-15	1.5E-13	6.5E-10	2.7E-08	8.1E-11	8.9E-09	3.5E-16	3.1E-14
Nonachlorobiphenyl	2.9E-17	1.3E-17	2.1E-16	1.1E-17	3.5E-16	1.8E-13	6.4E-12	2.2E-14	2.1E-12	5.7E-19	3.9E-17
Octachlorobiphenyl	6.8E-17	2.4E-17	4.4E-16	2.0E-17	7.5E-16	3.9E-13	1.5E-11	4.9E-14	5.1E-12	1.0E-18	8.4E-17
Pentachlorobiphenyl	3.1E-15	1.2E-15	2.1E-14	1.0E-15	3.5E-14	1.8E-11	6.9E-10	2.3E-12	2.3E-10	5.2E-17	3.9E-15
Tetrachlorobiphenyl	1.8E-15	2.5E-16	4.2E-15	2.1E-16	7.1E-15	3.0E-11	1.1E-09	3.8E-12	3.8E-10	2.0E-17	1.5E-15
Trichlorobiphenyl	2.4E-15	3.0E-16	5.3E-15	2.5E-16	9.0E-15	3.8E-11	1.5E-09	4.8E-12	4.9E-10	2.3E-17	1.8E-15

Table H-30 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				9.0E-08						2.9E-09	
Dieldrin		4.7E-10		5.6E-10						2.7E-14	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	8.7E-09	3.4E-11	2.9E-09		
1,2-dichlorobenzene	2.8E-18					1.1E-10	1.9E-09	1.4E-11	6.5E-10		
1,3-dichlorobenzene	6.9E-18					1.6E-10	5.5E-09	2.0E-11	1.8E-09		
1,4-dichlorobenzene	9.2E-17					1.5E-09	6.8E-08	1.9E-10	2.3E-08		
1,4-Dioxane						1.3E-04					
2,4-Dimethylphenol	2.5E-15					2.4E-08	9.5E-07	3.0E-09	3.2E-07		
2-Chlorophenol	1.3E-16					4.7E-09	2.1E-07	5.9E-10	6.9E-08		
2-Methylphenol	5.3E-14					5.6E-08	2.3E-06	7.0E-09	7.8E-07		
2-Nitrophenol	3.2E-16					7.6E-09	3.1E-07	9.4E-10	1.0E-07		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.5E-10	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.8E-16	1.7E-14
4-Nitrophenol	6.5E-16					1.3E-08	4.8E-07	1.6E-09	1.6E-07		
Acetophenone	3.9E-15					1.2E-07	4.9E-06	1.5E-08	1.6E-06		
Benzoic acid	1.6E-14					5.4E-07	2.2E-05	6.7E-08	7.5E-06		
Benzyl alcohol	9.8E-18					4.5E-09	1.4E-07	5.6E-10	4.5E-08		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	1.2E-10	8.0E-12	2.9E-10	1.9E-07	7.4E-06	2.4E-08	2.5E-06	3.9E-16	3.1E-14
Butyl benzyl phthalate	1.8E-13	3.3E-15	6.6E-14	3.8E-15	1.6E-13	6.0E-09	2.5E-07	7.5E-10	8.3E-08	1.9E-19	1.7E-17
Carbazole				1.4E-14	2.6E-13	1.7E-10	3.0E-09	2.1E-11	1.0E-09	6.9E-19	2.8E-17
Dibenzofuran		1.4E-16	2.9E-15	5.7E-16	2.3E-14	9.5E-09	3.9E-07	1.2E-09	1.3E-07	2.4E-16	2.1E-14
Dimethyl phthalate	6.5E-17					3.3E-10	5.9E-09	4.2E-11	2.0E-09		
Di-n-butyl phthalate	1.7E-12	3.3E-15	6.7E-14	3.9E-15	1.6E-13	9.2E-09	3.8E-07	1.1E-09	1.3E-07	1.9E-19	1.7E-17

Table H-30 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	8.7E-14	1.1E-14	2.1E-13	6.4E-10	1.1E-08	8.0E-11	3.8E-09	5.5E-19	2.2E-17
Hexachlorobutadiene	6.7E-15					4.4E-08	7.9E-07	5.5E-09	2.6E-07		
Isopropanol						2.0E-03					
Phenol	1.5E-13					3.0E-07	1.2E-05	3.8E-08	4.2E-06		
Pyridine	7.7E-15					2.9E-08	1.2E-06	3.6E-09	4.0E-07		
TRS											
Total Reduced Sulfur						2.9E-07	1.3E-05	3.6E-08	4.2E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	4.6E-09	1.7E-11	1.5E-09		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	5.0E-09	1.7E-11	1.7E-09		
1,1-Dichloroethene	6.0E-21					2.6E-11	4.6E-10	3.2E-12	1.5E-10		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	2.0E-08	6.7E-11	6.6E-09		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	1.9E-09	1.4E-11	6.4E-10		
1,2,4-Trimethylbenzene						6.2E-09	2.0E-07	7.8E-10	6.6E-08		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.2E-09	8.6E-12	4.1E-10		
1,2-Dichloroethane	1.2E-17					2.8E-09	1.0E-07	1.0E-06	3.5E-08		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.7E-07	7.3E-10	5.8E-08		
1,3-Dichloropropane						6.7E-11	1.2E-09	8.4E-12	4.0E-10		
2-Butanone	2.4E-15					3.3E-08	1.3E-06	4.1E-09	4.4E-07		
2-Chlorotoluene						1.5E-09	6.1E-08	1.8E-10	2.0E-08		
2-Hexanone						6.8E-09	2.5E-07	8.4E-10	8.2E-08		
Benzene	2.0E-15					6.4E-05	3.4E-05	9.7E-06	1.1E-05		
Bromobenzene						3.7E-08	6.6E-07	4.7E-09	2.2E-07		
Bromochloromethane						8.8E-11	1.6E-09	1.1E-11	5.2E-10		

Table H-30 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	3.1E-19					9.5E-11	1.7E-09	1.2E-11	5.7E-10		
Bromomethane	1.3E-18					3.8E-09	1.1E-07	4.8E-10	3.8E-08		
Carbon disulfide	1.3E-18					3.3E-09	9.8E-08	4.2E-10	3.3E-08		
Carbon tetrachloride	1.3E-19					1.3E-04	3.9E-09	1.5E-05	1.3E-09		
Chlorobenzene	4.7E-17					4.8E-09	1.7E-07	6.0E-10	5.7E-08		
Chlorodibromomethane	1.8E-17					2.4E-09	4.2E-08	3.0E-10	1.4E-08		
Chloroethane	3.7E-18					9.1E-09	3.2E-07	1.1E-09	1.1E-07		
Chloroform	2.8E-18					4.3E-05	3.8E-08	2.4E-06	1.3E-08		
Chloromethane	9.8E-18					3.1E-08	9.4E-07	3.9E-09	3.1E-07		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	7.1E-08	5.0E-10	2.4E-08		
cis-1,3-Dichloropropene						2.4E-11	4.3E-10	3.0E-12	1.4E-10		
Dibromomethane	4.2E-19					2.0E-10	3.6E-09	2.5E-11	1.2E-09		
Dichlorodifluoromethane	4.7E-21					2.5E-10	4.4E-09	3.1E-11	1.5E-09		
Ethylbenzene	1.5E-15					3.7E-05	7.4E-06	2.4E-08	2.5E-06		
Isopropylbenzene	2.0E-18					1.6E-08	5.4E-07	2.0E-09	1.8E-07		
m&p-Xylene	2.4E-16					3.6E-08	1.2E-06	4.6E-09	4.1E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	6.4E-09	4.5E-11	2.1E-09		
Methylene chloride	2.6E-17					1.8E-08	6.6E-07	2.3E-09	2.2E-07		
n-Butylbenzene						7.8E-09	2.3E-07	9.7E-10	7.7E-08		
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07		
o-Xylene	2.8E-16					2.3E-08	7.6E-07	2.9E-09	2.5E-07		
p-Chlorotoluene						5.5E-10	1.7E-08	6.9E-11	5.6E-09		
p-Isopropyltoluene						3.8E-09	9.2E-08	4.8E-10	3.1E-08		
sec-Butylbenzene						1.4E-09	4.3E-08	1.8E-10	1.4E-08		

Table H-30 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Styrene	9.4E-15					5.1E-07	1.9E-05	6.4E-08	6.2E-06		
tert-Butylbenzene						4.6E-08	8.1E-07	5.7E-09	2.7E-07		
Tetrachloroethene	6.6E-19					1.2E-10	4.2E-09	1.5E-11	1.4E-09		
Toluene	1.6E-15					3.2E-07	1.2E-05	3.9E-08	4.1E-06		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	1.5E-06	1.1E-08	5.0E-07		
trans-1,3-Dichloropropene						4.2E-11	7.5E-10	5.3E-12	2.5E-10		
Trichloroethene	6.8E-21					1.0E-05	1.3E-10	9.1E-13	4.3E-11		
Trichlorofluoromethane	1.0E-20					8.7E-11	1.6E-09	1.1E-11	5.2E-10		
Vinyl chloride	4.8E-19					1.4E-05	1.2E-07	6.2E-10	4.0E-08		

Table H-31 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			1.2E-05	1.5E-06	
Aldehydes					
Acetaldehyde			2.1E-05	2.6E-06	
Formaldehyde			6.8E-02	1.1E-06	
Propionaldehyde		3.2E-17	2.3E-06	2.8E-07	2.4E-13
CO					
Carbon monoxide			6.4E-04	8.0E-05	
CO2					
Carbon dioxide			2.0E-05	2.5E-06	
Criteria					
Sulfur Dioxide			5.4E-06	6.8E-07	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	1.1E-17	4.2E-17	1.2E-11	1.5E-12	2.1E-18
1,2,3,4,6,7,8-HpCDF	1.1E-17	4.3E-17	1.2E-11	1.5E-12	2.1E-18
1,2,3,4,7,8,9-HpCDF	1.2E-18	4.9E-18	1.6E-12	1.9E-13	2.4E-19
1,2,3,4,7,8-HxCDD	1.2E-18	4.8E-18	1.5E-12	1.8E-13	2.4E-19
1,2,3,4,7,8-HxCDF	9.7E-18	3.8E-17	1.2E-11	1.5E-12	1.9E-18
1,2,3,6,7,8-HxCDD	2.5E-18	9.8E-18	3.1E-12	3.8E-13	4.8E-19
1,2,3,6,7,8-HxCDF	3.2E-18	1.2E-17	3.8E-12	4.8E-13	6.1E-19
1,2,3,7,8,9-HxCDD	3.9E-18	1.5E-17	4.6E-12	5.8E-13	7.6E-19
1,2,3,7,8,9-HxCDF	2.3E-19	8.9E-19	2.9E-13	3.7E-14	4.4E-20

Table H-31 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	1.4E-18	5.4E-18	1.8E-12	2.3E-13	2.7E-19
1,2,3,7,8-PeCDF	1.6E-18	6.4E-18	2.6E-12	3.3E-13	3.1E-19
2,3,4,6,7,8-HxCDF	5.0E-18	2.0E-17	5.9E-12	7.4E-13	9.6E-19
2,3,4,7,8-PeCDF	3.9E-18	1.5E-17	5.9E-12	7.4E-13	7.5E-19
2,3,7,8-TCDD	2.8E-19	1.1E-18	7.4E-13	9.3E-14	3.8E-17
2,3,7,8-TCDF	5.1E-19	2.0E-18	2.7E-12	3.4E-13	9.9E-20
OCDD	7.3E-18	2.9E-17	8.0E-12	1.0E-12	1.4E-18
OCDF	2.8E-18	1.1E-17	3.0E-12	3.8E-13	5.4E-19
HCN					
Hydrogen cyanide			2.3E-06	2.8E-07	
Metals					
Aluminum		1.7E-04			8.1E-06
Antimony		1.1E-08	1.5E-07	1.9E-08	5.4E-10
Arsenic	3.9E-08	9.2E-08	8.5E-09	1.1E-09	7.5E-09
Barium		2.5E-11	1.8E-06	2.2E-07	1.2E-12
Beryllium		1.5E-17	6.1E-10	7.7E-11	7.3E-19
Cadmium		1.2E-17	1.1E-08	1.4E-09	5.7E-19
Chromium		7.6E-13	9.2E-08	1.2E-08	3.7E-14
Cobalt		4.6E-07	1.4E-07	1.8E-08	2.3E-08
Copper		2.8E-12	2.5E-07	3.2E-08	1.4E-13
Iron		3.9E-04			1.9E-05
Lead		1.6E-06	8.5E-08	1.1E-08	7.8E-08

Table H-31 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		1.1E-14	7.8E-08	9.7E-09	5.6E-16
Mercury (+2)		2.4E-16	3.4E-10	4.2E-11	1.2E-17
Mercury, elemental		3.9E-10	1.4E-12	1.8E-13	7.4E-07
Methyl Mercury		1.5E-17			7.1E-19
Nickel		8.0E-06	5.0E-08	6.2E-09	3.9E-07
Phosphorus		1.1E-16	3.8E-07	4.7E-08	1.0E-12
Selenium		5.8E-19	2.5E-09	3.1E-10	2.8E-20
Silver		9.3E-15	1.6E-09	2.0E-10	4.5E-16
Thallium (Soluble Salts)		1.2E-09			5.7E-11
Titanium		1.1E-16	8.7E-10	1.1E-10	5.6E-18
Zinc		2.6E-15	2.0E-06	2.4E-07	1.3E-16
NOx					
NOx (Oxides of Nitrogen)			2.2E-05	2.8E-06	
PAHs					
1-Methylnaphthalene	3.4E-18	3.1E-18	4.7E-07	5.9E-08	3.5E-15
1-Methylphenanthrene		2.1E-15	5.6E-08	7.0E-09	1.0E-16
2,3,5-Trimethylnaphthalene		9.7E-16	2.8E-08	3.5E-09	4.7E-17
2,6-Dimethylnaphthalene		2.6E-15	7.4E-08	9.2E-09	1.3E-16
2-Methylnaphthalene	3.3E-18	3.0E-18	4.6E-07	5.7E-08	3.4E-15
Acenaphthylene		8.5E-15	2.7E-07	3.4E-08	4.2E-16
Acenaphthene			4.9E-08	6.2E-09	
Anthracene			8.7E-08	1.1E-08	

Table H-31 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)anthracene	2.4E-09	2.1E-09	4.3E-08	5.3E-09	3.2E-08
Benzo(a)pyrene	2.4E-09	2.2E-09	1.7E-08	2.1E-09	1.1E-10
Benzo(b)fluoranthene	4.3E-09	3.9E-09	1.9E-08	2.3E-09	1.9E-10
Benzo(e)pyrene		4.9E-16	1.4E-08	1.8E-09	2.4E-17
Benzo(g,h,i)perylene		3.6E-16	1.1E-08	1.4E-09	1.8E-17
Benzo(k)fluoranthene	1.7E-09	1.6E-09	1.7E-10	2.1E-11	7.8E-11
Biphenyl		4.8E-17	1.6E-06	2.0E-07	2.8E-14
Chrysene	3.4E-09	3.1E-09	7.3E-08	9.1E-09	1.5E-10
Dibenzo(a,h)anthracene	3.8E-15	3.4E-15	2.7E-09	3.3E-10	1.7E-16
Fluoranthene	8.6E-16	7.8E-16	1.1E-07	1.3E-08	3.8E-17
Fluorene			2.7E-07	3.3E-08	
Indeno(1,2,3-cd)pyrene	1.3E-09	1.2E-09	8.8E-09	1.1E-09	6.0E-11
Napthalene			2.1E-06	2.7E-07	
Perylene		1.9E-16	6.6E-09	8.2E-10	9.2E-18
Phenanthrene			5.0E-07	6.3E-08	
Pyrene	2.4E-15	2.2E-15	1.0E-07	1.3E-08	6.0E-14
Particulate					
Particulate Total Suspended Particulate		4.3E-11	3.3E-04	4.2E-05	2.1E-12
PM<10		5.5E-11	4.4E-04	5.5E-05	2.7E-12
PM<2.5		4.5E-11	3.8E-04	4.7E-05	2.2E-12
PCBs					
Dichlorobiphenyl	5.1E-18	4.3E-18	1.3E-09	1.7E-10	4.0E-16

Table H-31 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Heptachlorobiphenyl	5.8E-19	4.9E-19	1.8E-11	2.3E-12	2.5E-17
Hexachlorobiphenyl	2.6E-18	2.2E-18	7.6E-11	9.5E-12	1.1E-16
Monochlorobiphenyl	3.5E-17	3.0E-17	9.2E-09	1.2E-09	2.8E-15
Nonachlorobiphenyl	1.0E-19	8.6E-20	2.6E-12	3.2E-13	4.4E-18
Octachlorobiphenyl	1.9E-19	1.6E-19	5.5E-12	6.9E-13	8.1E-18
Pentachlorobiphenyl	9.4E-18	7.9E-18	2.6E-10	3.3E-11	4.0E-16
Tetrachlorobiphenyl	1.9E-18	1.6E-18	4.3E-10	5.4E-11	1.5E-16
Trichlorobiphenyl	2.3E-18	2.0E-18	5.5E-10	6.8E-11	1.8E-16
Pesticides					
DDE		9.8E-08			3.1E-06
Dieldrin	3.8E-10	4.5E-10			2.2E-11
SVOCs					
1,2,4-trichlorobenzene			3.9E-09	4.8E-10	
1,2-dichlorobenzene			1.6E-09	1.9E-10	
1,3-dichlorobenzene			2.3E-09	2.9E-10	
1,4-dichlorobenzene			2.2E-08	2.7E-09	
2,4-Dimethylphenol			3.4E-07	4.2E-08	
2-Chlorophenol			6.8E-08	8.5E-09	
2-Methylphenol			8.0E-07	9.9E-08	
2-Nitrophenol			1.1E-07	1.3E-08	
3-Methylphenol & 4-Methylphenol		5.3E-14	1.4E-06	1.8E-07	2.6E-15
4-Nitrophenol			1.8E-07	2.2E-08	

Table H-31 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			1.7E-06	2.1E-07	
Benzoic acid			7.7E-06	9.6E-07	
Benzyl alcohol			6.4E-08	8.0E-09	
bis(2-Ethylhexyl) phthalate	9.6E-14	1.1E-13	2.7E-06	3.4E-07	5.5E-15
Butyl benzyl phthalate	4.6E-17	5.5E-17	8.5E-08	1.1E-08	2.7E-18
Carbazole		2.0E-16	2.4E-09	3.0E-10	9.8E-18
Dibenzofuran	2.1E-18	8.1E-18	1.4E-07	1.7E-08	3.5E-15
Dimethyl phthalate			4.8E-09	5.9E-10	
Di-n-butyl phthalate	4.6E-17	5.5E-17	1.3E-07	1.6E-08	2.7E-18
Di-n-octyl phthalate	1.3E-16	1.6E-16	9.2E-09	1.1E-09	7.8E-18
Hexachlorobutadiene			6.3E-07	7.9E-08	
Isopropanol			8.5E-02		
Phenol			4.3E-06	5.4E-07	
Pyridine			4.1E-07	5.1E-08	
TRS					
Total Reduced Sulfur			4.2E-06	5.2E-07	
VOCs					
1,1,1,2-Tetrachloroethane			1.9E-09	2.4E-10	
1,1,1-Trichloroethane			1.9E-09	2.4E-10	
1,1-Dichloroethene			3.7E-10	4.6E-11	
1,2,3-Trichlorobenzene			7.6E-09	9.5E-10	
1,2,3-Trichloropropane			1.5E-09	1.9E-10	

Table H-31 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			8.9E-08	1.1E-08	
1,2-Dibromoethane			9.9E-10	1.2E-10	
1,2-Dichloroethane			3.3E-04	1.4E-05	
1,3,5-Trimethylbenzene			8.4E-08	1.0E-08	
1,3-Dichloropropane			9.6E-10	1.2E-10	
2-Butanone			4.7E-07	5.9E-08	
2-Chlorotoluene			2.1E-08	2.6E-09	
2-Hexanone			9.7E-08	1.2E-08	
Benzene			1.2E-02	1.4E-04	
Bromobenzene			5.3E-07	6.6E-08	
Bromochloromethane			1.3E-09	1.6E-10	
Bromodichloromethane			1.4E-09	1.7E-10	
Bromomethane			5.4E-08	6.8E-09	
Carbon disulfide			4.8E-08	6.0E-09	
Carbon tetrachloride			2.2E-03	2.2E-04	
Chlorobenzene			6.9E-08	8.6E-09	
Chlorodibromomethane			3.4E-08	4.2E-09	
Chloroethane			1.3E-07	1.6E-08	
Chloroform			5.2E-04	3.4E-05	
Chloromethane			4.4E-07	5.5E-08	
cis-1,2-Dichloroethene			5.7E-08	7.1E-09	
cis-1,3-Dichloropropene			3.5E-10	4.3E-11	

Table H-31 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			2.9E-09	3.6E-10	
Dichlorodifluoromethane			3.6E-09	4.4E-10	
Ethylbenzene			3.1E-03	3.5E-07	
Isopropylbenzene			2.3E-07	2.8E-08	
m&p-Xylene			5.2E-07	6.5E-08	
Methyl Isobutyl Ketone (4-methyl-2-penta			5.1E-09	6.4E-10	
Methylene chloride			2.6E-07	3.2E-08	
n-Butylbenzene			1.1E-07	1.4E-08	
n-Propylbenzene			1.3E-07	1.7E-08	
o-Xylene			3.3E-07	4.1E-08	
p-Chlorotoluene			7.9E-09	9.9E-10	
p-Isopropyltoluene			5.5E-08	6.9E-09	
sec-Butylbenzene			2.0E-08	2.5E-09	
Styrene			7.3E-06	9.1E-07	
tert-Butylbenzene			6.5E-07	8.2E-08	
Tetrachloroethene			1.7E-09	2.2E-10	
Toluene			4.5E-06	5.6E-07	
trans-1,2-Dichloroethene			1.2E-06	1.5E-07	
trans-1,3-Dichloropropene			6.0E-10	7.5E-11	
Trichloroethene			7.2E-05	1.3E-11	
Trichlorofluoromethane			1.2E-09	1.6E-10	
Vinyl chloride			7.1E-08	8.8E-09	

Table H-32 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			8.4E-07	1.0E-07	
Aldehydes					
Acetaldehyde			1.4E-06	1.8E-07	
Formaldehyde			4.8E-03	7.7E-08	
Propionaldehyde		2.2E-15	1.6E-07	2.0E-08	1.7E-14
CO					
Carbon monoxide			4.5E-05	5.6E-06	
CO2					
Carbon dioxide			1.4E-06	1.8E-07	
Criteria					
Sulfur Dioxide			3.8E-07	4.7E-08	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	1.4E-15	5.5E-15	8.5E-13	1.1E-13	2.7E-19
1,2,3,4,6,7,8-HpCDF	1.4E-15	5.5E-15	8.6E-13	1.1E-13	2.7E-19
1,2,3,4,7,8,9-HpCDF	1.6E-16	6.4E-16	1.1E-13	1.4E-14	3.1E-20
1,2,3,4,7,8-HxCDD	1.6E-16	6.2E-16	1.0E-13	1.3E-14	3.1E-20
1,2,3,4,7,8-HxCDF	1.3E-15	4.9E-15	8.3E-13	1.0E-13	2.4E-19
1,2,3,6,7,8-HxCDD	3.2E-16	1.3E-15	2.1E-13	2.7E-14	6.2E-20
1,2,3,6,7,8-HxCDF	4.1E-16	1.6E-15	2.7E-13	3.4E-14	7.9E-20
1,2,3,7,8,9-HxCDD	5.1E-16	2.0E-15	3.2E-13	4.1E-14	9.8E-20
1,2,3,7,8,9-HxCDF	2.9E-17	1.2E-16	2.1E-14	2.6E-15	5.7E-21

Table H-32 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	1.8E-16	7.0E-16	1.3E-13	1.6E-14	3.5E-20
1,2,3,7,8-PeCDF	2.1E-16	8.3E-16	1.8E-13	2.3E-14	4.0E-20
2,3,4,6,7,8-HxCDF	6.4E-16	2.5E-15	4.2E-13	5.2E-14	1.2E-19
2,3,4,7,8-PeCDF	5.0E-16	2.0E-15	4.1E-13	5.2E-14	9.7E-20
2,3,7,8-TCDD	3.6E-17	1.4E-16	5.2E-14	6.5E-15	4.9E-18
2,3,7,8-TCDF	6.6E-17	2.6E-16	1.9E-13	2.4E-14	1.3E-20
OCDD	9.4E-16	3.7E-15	5.6E-13	7.0E-14	1.8E-19
OCDF	3.6E-16	1.4E-15	2.1E-13	2.6E-14	7.0E-20
HCN					
Hydrogen cyanide			1.6E-07	2.0E-08	
Metals					
Aluminum		1.2E-02			5.7E-07
Antimony		7.7E-07	1.0E-08	1.3E-09	3.8E-11
Arsenic	2.7E-06	6.4E-06	5.9E-10	7.4E-11	5.2E-10
Barium		3.1E-09	1.3E-07	1.6E-08	1.5E-13
Beryllium		1.0E-15	4.3E-11	5.4E-12	5.1E-20
Cadmium		8.2E-16	7.6E-10	9.5E-11	4.0E-20
Chromium		8.3E-11	6.5E-09	8.1E-10	4.1E-15
Cobalt		3.3E-05	9.8E-09	1.2E-09	1.6E-09
Copper		3.4E-10	1.8E-08	2.2E-09	1.6E-14
Iron		2.7E-02			1.3E-06
Lead		1.1E-04	6.0E-09	7.5E-10	5.5E-09

Table H-32 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		8.0E-13	5.5E-09	6.8E-10	3.9E-17
Mercury (+2)		3.4E-14	2.4E-11	2.9E-12	1.7E-18
Mercury, elemental		2.7E-08	9.8E-14	1.2E-14	5.2E-08
Methyl Mercury		2.0E-15			1.0E-19
Nickel		5.6E-04	3.5E-09	4.3E-10	2.7E-08
Phosphorus		7.5E-15	2.6E-08	3.3E-09	7.2E-14
Selenium		4.0E-17	1.7E-10	2.2E-11	2.0E-21
Silver		8.4E-13	1.1E-10	1.4E-11	4.1E-17
Thallium (Soluble Salts)		8.1E-08			4.0E-12
Titanium		8.0E-15	6.1E-11	7.6E-12	3.9E-19
Zinc		1.8E-13	1.4E-07	1.7E-08	9.0E-18
NOx					
NOx (Oxides of Nitrogen)			1.6E-06	2.0E-07	
PAHs					
1-Methylnaphthalene	2.4E-16	2.2E-16	3.3E-08	4.1E-09	2.5E-16
1-Methylphenanthrene		1.5E-13	3.9E-09	4.9E-10	7.1E-18
2,3,5-Trimethylnaphthalene		6.8E-14	1.9E-09	2.4E-10	3.3E-18
2,6-Dimethylnaphthalene		1.9E-13	5.1E-09	6.4E-10	9.1E-18
2-Methylnaphthalene	2.3E-16	2.1E-16	3.2E-08	4.0E-09	2.4E-16
Acenaphthylene		6.0E-13	1.9E-08	2.4E-09	2.9E-17
Acenaphthene			3.5E-09	4.3E-10	
Anthracene			6.1E-09	7.6E-10	

Table H-32 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)anthracene	1.6E-07	1.5E-07	3.0E-09	3.7E-10	2.3E-09
Benzo(a)pyrene	1.7E-07	1.5E-07	1.2E-09	1.5E-10	7.6E-12
Benzo(b)fluoranthene	3.0E-07	2.7E-07	1.3E-09	1.6E-10	1.3E-11
Benzo(e)pyrene		3.4E-14	1.0E-09	1.3E-10	1.7E-18
Benzo(g,h,i)perylene		2.5E-14	7.7E-10	9.6E-11	1.2E-18
Benzo(k)fluoranthene	1.2E-07	1.1E-07	1.2E-11	1.5E-12	5.5E-12
Biphenyl		3.3E-15	1.1E-07	1.4E-08	2.0E-15
Chrysene	2.4E-07	2.1E-07	5.1E-09	6.4E-10	1.0E-11
Dibenzo(a,h)anthracene	3.4E-13	3.1E-13	1.9E-10	2.3E-11	1.5E-17
Fluoranthene	6.7E-14	6.1E-14	7.5E-09	9.4E-10	3.0E-18
Fluorene			1.9E-08	2.3E-09	
Indeno(1,2,3-cd)pyrene	9.4E-08	8.6E-08	6.2E-10	7.7E-11	4.2E-12
Napthalene			1.5E-07	1.9E-08	
Perylene		1.3E-14	4.6E-10	5.8E-11	6.5E-19
Phenanthrene			3.5E-08	4.4E-09	
Pyrene	2.5E-13	2.3E-13	7.3E-09	9.1E-10	6.4E-15
Particulate					
Particulate Total Suspended Particulate		3.0E-09	2.3E-05	2.9E-06	1.5E-13
PM<10		3.8E-09	3.1E-05	3.9E-06	1.9E-13
PM<2.5		3.2E-09	2.6E-05	3.3E-06	1.6E-13
PCBs					
Dichlorobiphenyl	6.5E-16	5.5E-16	9.3E-11	1.2E-11	5.1E-17

Table H-32 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Heptachlorobiphenyl	7.5E-17	6.3E-17	1.3E-12	1.6E-13	3.2E-18
Hexachlorobiphenyl	3.4E-16	2.9E-16	5.3E-12	6.7E-13	1.5E-17
Monochlorobiphenyl	4.5E-15	3.8E-15	6.5E-10	8.1E-11	3.5E-16
Nonachlorobiphenyl	1.3E-17	1.1E-17	1.8E-13	2.2E-14	5.7E-19
Octachlorobiphenyl	2.4E-17	2.0E-17	3.9E-13	4.9E-14	1.0E-18
Pentachlorobiphenyl	1.2E-15	1.0E-15	1.8E-11	2.3E-12	5.2E-17
Tetrachlorobiphenyl	2.5E-16	2.1E-16	3.0E-11	3.8E-12	2.0E-17
Trichlorobiphenyl	3.0E-16	2.5E-16	3.8E-11	4.8E-12	2.3E-17
Pesticides					
DDE		6.8E-06			2.2E-07
Dieldrin	2.7E-08	3.2E-08			1.6E-12
SVOCs					
1,2,4-trichlorobenzene			2.7E-10	3.4E-11	
1,2-dichlorobenzene			1.1E-10	1.4E-11	
1,3-dichlorobenzene			1.6E-10	2.0E-11	
1,4-dichlorobenzene			1.5E-09	1.9E-10	
2,4-Dimethylphenol			2.4E-08	3.0E-09	
2-Chlorophenol			4.7E-09	5.9E-10	
2-Methylphenol			5.6E-08	7.0E-09	
2-Nitrophenol			7.6E-09	9.4E-10	
3-Methylphenol & 4-Methylphenol		3.7E-12	1.0E-07	1.3E-08	1.8E-16
4-Nitrophenol			1.3E-08	1.6E-09	

Table H-32 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			1.2E-07	1.5E-08	
Benzoic acid			5.4E-07	6.7E-08	
Benzyl alcohol			4.5E-09	5.6E-10	
bis(2-Ethylhexyl) phthalate	6.7E-12	8.0E-12	1.9E-07	2.4E-08	3.9E-16
Butyl benzyl phthalate	3.3E-15	3.8E-15	6.0E-09	7.5E-10	1.9E-19
Carbazole		1.4E-14	1.7E-10	2.1E-11	6.9E-19
Dibenzofuran	1.4E-16	5.7E-16	9.5E-09	1.2E-09	2.4E-16
Dimethyl phthalate			3.3E-10	4.2E-11	
Di-n-butyl phthalate	3.3E-15	3.9E-15	9.2E-09	1.1E-09	1.9E-19
Di-n-octyl phthalate	9.4E-15	1.1E-14	6.4E-10	8.0E-11	5.5E-19
Hexachlorobutadiene			4.4E-08	5.5E-09	
Isopropanol			5.9E-03		
Phenol			3.0E-07	3.8E-08	
Pyridine			2.9E-08	3.6E-09	
TRS					
Total Reduced Sulfur			2.9E-07	3.6E-08	
VOCs					
1,1,1,2-Tetrachloroethane			1.3E-10	1.7E-11	
1,1,1-Trichloroethane			1.3E-10	1.7E-11	
1,1-Dichloroethene			2.6E-11	3.2E-12	
1,2,3-Trichlorobenzene			5.3E-10	6.7E-11	
1,2,3-Trichloropropane			1.1E-10	1.4E-11	

Table H-32 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			6.2E-09	7.8E-10	
1,2-Dibromoethane			6.9E-11	8.6E-12	
1,2-Dichloroethane			2.3E-05	1.0E-06	
1,3,5-Trimethylbenzene			5.9E-09	7.3E-10	
1,3-Dichloropropane			6.7E-11	8.4E-12	
2-Butanone			3.3E-08	4.1E-09	
2-Chlorotoluene			1.5E-09	1.8E-10	
2-Hexanone			6.8E-09	8.4E-10	
Benzene			8.2E-04	9.7E-06	
Bromobenzene			3.7E-08	4.7E-09	
Bromochloromethane			8.8E-11	1.1E-11	
Bromodichloromethane			9.5E-11	1.2E-11	
Bromomethane			3.8E-09	4.8E-10	
Carbon disulfide			3.3E-09	4.2E-10	
Carbon tetrachloride			1.6E-04	1.5E-05	
Chlorobenzene			4.8E-09	6.0E-10	
Chlorodibromomethane			2.4E-09	3.0E-10	
Chloroethane			9.1E-09	1.1E-09	
Chloroform			3.7E-05	2.4E-06	
Chloromethane			3.1E-08	3.9E-09	
cis-1,2-Dichloroethene			4.0E-09	5.0E-10	
cis-1,3-Dichloropropene			2.4E-11	3.0E-12	

Table H-32 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			2.0E-10	2.5E-11	
Dichlorodifluoromethane			2.5E-10	3.1E-11	
Ethylbenzene			2.1E-04	2.4E-08	
Isopropylbenzene			1.6E-08	2.0E-09	
m&p-Xylene			3.6E-08	4.6E-09	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.6E-10	4.5E-11	
Methylene chloride			1.8E-08	2.3E-09	
n-Butylbenzene			7.8E-09	9.7E-10	
n-Propylbenzene			9.4E-09	1.2E-09	
o-Xylene			2.3E-08	2.9E-09	
p-Chlorotoluene			5.5E-10	6.9E-11	
p-Isopropyltoluene			3.8E-09	4.8E-10	
sec-Butylbenzene			1.4E-09	1.8E-10	
Styrene			5.1E-07	6.4E-08	
tert-Butylbenzene			4.6E-08	5.7E-09	
Tetrachloroethene			1.2E-10	1.5E-11	
Toluene			3.2E-07	3.9E-08	
trans-1,2-Dichloroethene			8.4E-08	1.1E-08	
trans-1,3-Dichloropropene			4.2E-11	5.3E-12	
Trichloroethene			5.0E-06	9.1E-13	
Trichlorofluoromethane			8.7E-11	1.1E-11	
Vinyl chloride			5.0E-09	6.2E-10	

Table H-33 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						1.2E-05	2.8E-05	1.5E-06	1.5E-06		
Aldehydes											
Acetaldehyde	1.3E-15					2.1E-05	4.8E-05	2.6E-06	2.6E-06		
Formaldehyde	6.5E-15					6.8E-02	2.0E-05	1.1E-06	1.1E-06		
Propionaldehyde				3.2E-17	9.0E-17	2.3E-06	5.2E-06	2.8E-07	2.8E-07	2.4E-13	1.5E-12
CO											
Carbon monoxide						6.4E-04	1.5E-03	8.0E-05	8.0E-05		
CO2											
Carbon dioxide						2.0E-05	4.6E-05	2.5E-06	2.5E-06		
Criteria											
Sulfur Dioxide						5.4E-06	1.2E-05	6.8E-07	6.8E-07		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-20	1.1E-17	1.5E-17	4.2E-17	1.2E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	2.1E-18	1.3E-17
1,2,3,4,6,7,8-HpCDF	1.3E-20	1.1E-17	1.5E-17	4.3E-17	1.2E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	2.1E-18	1.3E-17
1,2,3,4,7,8,9-HpCDF	2.1E-21	1.2E-18	1.7E-18	4.9E-18	1.4E-17	1.6E-12	3.6E-12	1.9E-13	1.9E-13	2.4E-19	1.5E-18
1,2,3,4,7,8-HxCDD	1.6E-20	1.2E-18	1.7E-18	4.8E-18	1.3E-17	1.5E-12	3.3E-12	1.8E-13	1.8E-13	2.4E-19	1.5E-18
1,2,3,4,7,8-HxCDF	1.1E-19	9.7E-18	1.4E-17	3.8E-17	1.1E-16	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.9E-18	1.2E-17
1,2,3,6,7,8-HxCDD	3.1E-20	2.5E-18	3.5E-18	9.8E-18	2.7E-17	3.1E-12	7.1E-12	3.8E-13	3.8E-13	4.8E-19	3.0E-18
1,2,3,6,7,8-HxCDF	4.0E-20	3.2E-18	4.4E-18	1.2E-17	3.5E-17	3.8E-12	8.8E-12	4.8E-13	4.8E-13	6.1E-19	3.8E-18
1,2,3,7,8,9-HxCDD	4.3E-20	3.9E-18	5.5E-18	1.5E-17	4.3E-17	4.6E-12	1.1E-11	5.8E-13	5.8E-13	7.6E-19	4.7E-18
1,2,3,7,8,9-HxCDF	3.4E-21	2.3E-19	3.2E-19	8.9E-19	2.5E-18	2.9E-13	6.8E-13	3.7E-14	3.7E-14	4.4E-20	2.7E-19
1,2,3,7,8-PeCDD	9.8E-20	1.4E-18	1.9E-18	5.4E-18	1.5E-17	1.8E-12	4.3E-12	2.3E-13	2.3E-13	2.7E-19	1.6E-18
1,2,3,7,8-PeCDF	1.4E-19	1.6E-18	2.3E-18	6.4E-18	1.8E-17	2.6E-12	6.1E-12	3.3E-13	3.3E-13	3.1E-19	1.9E-18

Table H-33 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.8E-20	5.0E-18	6.9E-18	2.0E-17	5.5E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	9.6E-19	5.9E-18
2,3,4,7,8-PeCDF	2.1E-19	3.9E-18	5.4E-18	1.5E-17	4.3E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	7.5E-19	4.6E-18
2,3,7,8-TCDD	3.4E-20	2.8E-19	4.0E-19	1.1E-18	3.1E-18	7.4E-13	1.7E-12	9.3E-14	9.3E-14	3.8E-17	2.3E-16
2,3,7,8-TCDF	1.1E-19	5.1E-19	7.2E-19	2.0E-18	5.7E-18	2.7E-12	6.3E-12	3.4E-13	3.4E-13	9.9E-20	6.1E-19
OCDD	1.7E-22	7.3E-18	1.0E-17	2.9E-17	8.0E-17	8.0E-12	1.9E-11	1.0E-12	1.0E-12	1.4E-18	8.6E-18
OCDF	6.5E-23	2.8E-18	3.9E-18	1.1E-17	3.1E-17	3.0E-12	7.0E-12	3.8E-13	3.8E-13	5.4E-19	3.3E-18
HCN											
Hydrogen cyanide						2.3E-06	5.2E-06	2.8E-07	2.8E-07		
Metals											
Aluminum				1.7E-04	2.8E-04					8.1E-06	3.0E-05
Antimony	2.2E-19			1.1E-08	2.1E-08	1.5E-07	3.4E-07	1.9E-08	1.9E-08	5.4E-10	2.2E-09
Arsenic	1.2E-17	3.9E-08	3.3E-09	9.2E-08	1.6E-08	8.5E-09	2.0E-08	1.1E-09	1.1E-09	7.5E-09	2.8E-09
Barium	2.6E-14			2.5E-11	7.1E-11	1.8E-06	4.2E-06	2.2E-07	2.2E-07	1.2E-12	7.7E-12
Beryllium	4.7E-19			1.5E-17	4.2E-17	6.1E-10	1.4E-09	7.7E-11	7.7E-11	7.3E-19	4.5E-18
Cadmium	1.2E-16			1.2E-17	3.3E-17	1.1E-08	2.5E-08	1.4E-09	1.4E-09	5.7E-19	3.5E-18
Chromium	3.1E-17			7.6E-13	2.1E-12	9.2E-08	2.1E-07	1.2E-08	1.2E-08	3.7E-14	2.3E-13
Cobalt				4.6E-07	5.3E-07	1.4E-07	3.2E-07	1.8E-08	1.8E-08	2.3E-08	5.7E-08
Copper				2.8E-12	7.8E-12	2.5E-07	5.9E-07	3.2E-08	3.2E-08	1.4E-13	8.4E-13
Iron				3.9E-04	5.4E-04					1.9E-05	5.8E-05
Lead	9.9E-20			1.6E-06	3.3E-06	8.5E-08	2.0E-07	1.1E-08	1.1E-08	7.8E-08	3.5E-07
Manganese				1.1E-14	3.2E-14	7.8E-08	1.8E-07	9.7E-09	9.7E-09	5.6E-16	3.4E-15
Mercury (+2)				2.4E-16	6.9E-16	3.4E-10	7.8E-10	4.2E-11	4.2E-11	1.2E-17	7.4E-17
Mercury, elemental				3.9E-10	6.3E-10	1.4E-12	3.2E-12	1.8E-13	1.8E-13	7.4E-07	4.6E-06
Methyl Mercury	9.3E-17			1.5E-17	4.1E-17					7.1E-19	4.4E-18

Table H-33 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	4.7E-17			8.0E-06	1.0E-05	5.0E-08	1.1E-07	6.2E-09	6.2E-09	3.9E-07	1.1E-06
Phosphorus				1.1E-16	3.0E-16	3.8E-07	8.7E-07	4.7E-08	4.7E-08	1.0E-12	6.4E-12
Selenium	3.9E-18			5.8E-19	1.6E-18	2.5E-09	5.8E-09	3.1E-10	3.1E-10	2.8E-20	1.7E-19
Silver	2.7E-18			9.3E-15	2.6E-14	1.6E-09	3.8E-09	2.0E-10	2.0E-10	4.5E-16	2.8E-15
Thallium (Soluble Salts)				1.2E-09	2.4E-09					5.7E-11	2.6E-10
Titanium				1.1E-16	3.2E-16	8.7E-10	2.0E-09	1.1E-10	1.1E-10	5.6E-18	3.5E-17
Zinc	5.8E-14			2.6E-15	7.4E-15	2.0E-06	4.5E-06	2.4E-07	2.4E-07	1.3E-16	8.0E-16
NOx											
NOx (Oxides of Nitrogen)						2.2E-05	5.2E-05	2.8E-06	2.8E-06		
PAHs											
1-Methylnaphthalene		3.4E-18	4.8E-18	3.1E-18	8.7E-18	4.7E-07	1.1E-06	5.9E-08	5.9E-08	3.5E-15	2.2E-14
1-Methylphenanthrene				2.1E-15	5.8E-15	5.6E-08	1.3E-07	7.0E-09	7.0E-09	1.0E-16	6.2E-16
2,3,5-Trimethylnaphthalene				9.7E-16	2.7E-15	2.8E-08	6.4E-08	3.5E-09	3.5E-09	4.7E-17	2.9E-16
2,6-Dimethylnaphthalene				2.6E-15	7.4E-15	7.4E-08	1.7E-07	9.2E-09	9.2E-09	1.3E-16	8.0E-16
2-Methylnaphthalene		3.3E-18	4.6E-18	3.0E-18	8.4E-18	4.6E-07	1.1E-06	5.7E-08	5.7E-08	3.4E-15	2.1E-14
Acenaphthylene				8.5E-15	2.4E-14	2.7E-07	6.2E-07	3.4E-08	3.4E-08	4.2E-16	2.6E-15
Acenaphthene	4.8E-17					4.9E-08	1.1E-07	6.2E-09	6.2E-09		
Anthracene	6.1E-16					8.7E-08	2.0E-07	1.1E-08	1.1E-08		
Benzo(a)anthracene	8.8E-14	2.4E-09	7.3E-09	2.1E-09	1.3E-08	4.3E-08	9.9E-08	5.3E-09	5.3E-09	3.2E-08	2.0E-07
Benzo(a)pyrene	4.4E-14	2.4E-09	8.0E-09	2.2E-09	1.5E-08	1.7E-08	3.9E-08	2.1E-09	2.1E-09	1.1E-10	1.6E-09
Benzo(b)fluoranthene	1.2E-14	4.3E-09	1.1E-08	3.9E-09	2.0E-08	1.9E-08	4.3E-08	2.3E-09	2.3E-09	1.9E-10	2.2E-09
Benzo(e)pyrene				4.9E-16	1.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	2.4E-17	1.5E-16
Benzo(g,h,i)perylene				3.6E-16	1.0E-15	1.1E-08	2.5E-08	1.4E-09	1.4E-09	1.8E-17	1.1E-16
Benzo(k)fluoranthene	8.8E-17	1.7E-09	5.7E-09	1.6E-09	1.0E-08	1.7E-10	3.8E-10	2.1E-11	2.1E-11	7.8E-11	1.1E-09

Table H-33 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				4.8E-17	1.3E-16	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.8E-14	1.7E-13
Chrysene	1.5E-14	3.4E-09	8.2E-09	3.1E-09	1.5E-08	7.3E-08	1.7E-07	9.1E-09	9.1E-09	1.5E-10	1.6E-09
Dibenze(a,h)anthracene	2.1E-15	3.8E-15	2.0E-09	3.4E-15	3.6E-09	2.7E-09	6.1E-09	3.3E-10	3.3E-10	1.7E-16	3.9E-10
Fluoranthene	4.0E-15	8.6E-16	1.2E-15	7.8E-16	2.2E-15	1.1E-07	2.5E-07	1.3E-08	1.3E-08	3.8E-17	2.4E-16
Fluorene	8.7E-16					2.7E-07	6.2E-07	3.3E-08	3.3E-08		
Indeno(1,2,3-cd)pyrene	5.4E-15	1.3E-09	5.2E-09	1.2E-09	9.5E-09	8.8E-09	2.0E-08	1.1E-09	1.1E-09	6.0E-11	1.0E-09
Napthalene	4.0E-16					2.1E-06	4.9E-06	2.7E-07	2.7E-07		
Perylene				1.9E-16	5.3E-16	6.6E-09	1.5E-08	8.2E-10	8.2E-10	9.2E-18	5.7E-17
Phenanthrene	4.2E-15					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
Pyrene	2.9E-15	2.4E-15	3.3E-15	2.2E-15	6.0E-15	1.0E-07	2.4E-07	1.3E-08	1.3E-08	6.0E-14	3.7E-13
Particulate											
Particulate Total Suspended Particulate				4.3E-11	1.2E-10	3.3E-04	7.7E-04	4.2E-05	4.2E-05	2.1E-12	1.3E-11
PM<10				5.5E-11	1.5E-10	4.4E-04	1.0E-03	5.5E-05	5.5E-05	2.7E-12	1.6E-11
PM<2.5				4.5E-11	1.3E-10	3.8E-04	8.7E-04	4.7E-05	4.7E-05	2.2E-12	1.4E-11
PCBs											
Dichlorobiphenyl	8.7E-17	5.1E-18	7.1E-18	4.3E-18	1.2E-17	1.3E-09	3.1E-09	1.7E-10	1.7E-10	4.0E-16	2.5E-15
Heptachlorobiphenyl	3.3E-18	5.8E-19	8.1E-19	4.9E-19	1.4E-18	1.8E-11	4.2E-11	2.3E-12	2.3E-12	2.5E-17	1.5E-16
Hexachlorobiphenyl	1.3E-17	2.6E-18	3.6E-18	2.2E-18	6.2E-18	7.6E-11	1.8E-10	9.5E-12	9.5E-12	1.1E-16	6.9E-16
Monochlorobiphenyl	6.1E-16	3.5E-17	4.9E-17	3.0E-17	8.3E-17	9.2E-09	2.1E-08	1.2E-09	1.2E-09	2.8E-15	1.7E-14
Nonachlorobiphenyl	4.1E-19	1.0E-19	1.4E-19	8.6E-20	2.4E-19	2.6E-12	5.9E-12	3.2E-13	3.2E-13	4.4E-18	2.7E-17
Octachlorobiphenyl	9.7E-19	1.9E-19	2.6E-19	1.6E-19	4.4E-19	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.1E-18	5.0E-17
Pentachlorobiphenyl	4.4E-17	9.4E-18	1.3E-17	7.9E-18	2.2E-17	2.6E-10	6.0E-10	3.3E-11	3.3E-11	4.0E-16	2.5E-15
Tetrachlorobiphenyl	2.6E-17	1.9E-18	2.7E-18	1.6E-18	4.6E-18	4.3E-10	9.9E-10	5.4E-11	5.4E-11	1.5E-16	9.4E-16
Trichlorobiphenyl	3.4E-17	2.3E-18	3.2E-18	2.0E-18	5.5E-18	5.5E-10	1.3E-09	6.8E-11	6.8E-11	1.8E-16	1.1E-15

Table H-33 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				9.8E-08	3.1E-09					3.1E-06	1.9E-05
Dieldrin		3.8E-10	1.4E-10	4.5E-10	3.4E-10					2.2E-11	3.6E-11
SVOCs											
1,2,4-trichlorobenzene						3.9E-09	8.9E-09	4.8E-10	4.8E-10		
1,2-dichlorobenzene	3.9E-20					1.6E-09	3.6E-09	1.9E-10	1.9E-10		
1,3-dichlorobenzene	9.9E-20					2.3E-09	5.4E-09	2.9E-10	2.9E-10		
1,4-dichlorobenzene	1.3E-18					2.2E-08	5.0E-08	2.7E-09	2.7E-09		
2,4-Dimethylphenol	3.6E-17					3.4E-07	7.8E-07	4.2E-08	4.2E-08		
2-Chlorophenol	1.8E-18					6.8E-08	1.6E-07	8.5E-09	8.5E-09		
2-Methylphenol	7.5E-16					8.0E-07	1.8E-06	9.9E-08	9.9E-08		
2-Nitrophenol	4.6E-18					1.1E-07	2.5E-07	1.3E-08	1.3E-08		
3-Methylphenol & 4-Methylphenol				5.3E-14	1.5E-13	1.4E-06	3.3E-06	1.8E-07	1.8E-07	2.6E-15	1.6E-14
4-Nitrophenol	9.3E-18					1.8E-07	4.1E-07	2.2E-08	2.2E-08		
Acetophenone	5.6E-17					1.7E-06	3.9E-06	2.1E-07	2.1E-07		
Benzoic acid	2.3E-16					7.7E-06	1.8E-05	9.6E-07	9.6E-07		
Benzyl alcohol	1.4E-19					6.4E-08	1.5E-07	8.0E-09	8.0E-09		
bis(2-Ethylhexyl) phthalate	7.0E-15	9.6E-14	1.3E-13	1.1E-13	3.2E-13	2.7E-06	6.3E-06	3.4E-07	3.4E-07	5.5E-15	3.4E-14
Butyl benzyl phthalate	2.5E-15	4.6E-17	6.5E-17	5.5E-17	1.5E-16	8.5E-08	2.0E-07	1.1E-08	1.1E-08	2.7E-18	1.7E-17
Carbazole				2.0E-16	5.6E-16	2.4E-09	5.5E-09	3.0E-10	3.0E-10	9.8E-18	6.0E-17
Dibenzofuran		2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.4E-07	3.1E-07	1.7E-08	1.7E-08	3.5E-15	2.1E-14
Dimethyl phthalate	9.2E-19					4.8E-09	1.1E-08	5.9E-10	5.9E-10		
Di-n-butyl phthalate	2.4E-14	4.6E-17	6.5E-17	5.5E-17	1.5E-16	1.3E-07	3.0E-07	1.6E-08	1.6E-08	2.7E-18	1.7E-17
Di-n-octyl phthalate	1.8E-19	1.3E-16	1.9E-16	1.6E-16	4.4E-16	9.2E-09	2.1E-08	1.1E-09	1.1E-09	7.8E-18	4.8E-17

Table H-33 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Aerosols Outdoors at CJ (ug/m3)	Inhalation of Particulate/Aerosols Outdoors at Home (ug/m3)
Hexachlorobutadiene	9.6E-17					6.3E-07	1.5E-06	7.9E-08	7.9E-08		
Isopropanol						8.5E-02	3.2E-02				
p-Chloroaniline			4.7E-09		1.1E-08						1.2E-09
Phenol	2.1E-15					4.3E-06	9.9E-06	5.4E-07	5.4E-07		
Pyridine	1.1E-16					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
TRS											
Total Reduced Sulfur						4.2E-06	9.6E-06	5.2E-07	5.2E-07		
VOCs											
1,1,1,2-Tetrachloroethane	3.8E-20					1.9E-09	4.5E-09	2.4E-10	2.4E-10		
1,1,1-Trichloroethane	2.5E-21					1.9E-09	4.4E-09	2.4E-10	2.4E-10		
1,1-Dichloroethene	8.5E-23					3.7E-10	8.6E-10	4.6E-11	4.6E-11		
1,2,3-Trichlorobenzene	2.7E-18					7.6E-09	1.8E-08	9.5E-10	9.5E-10		
1,2,3-Trichloropropane	1.5E-20					1.5E-09	3.6E-09	1.9E-10	1.9E-10		
1,2,4-Trimethylbenzene						8.9E-08	2.1E-07	1.1E-08	1.1E-08		
1,2-Dibromoethane	5.3E-21					9.9E-10	2.3E-09	1.2E-10	1.2E-10		
1,2-Dichloroethane	1.7E-19					3.3E-04	6.3E-04	1.4E-05	1.4E-05		
1,3,5-Trimethylbenzene	8.6E-19					8.4E-08	1.9E-07	1.0E-08	1.0E-08		
1,3-Dichloropropane						9.6E-10	2.2E-09	1.2E-10	1.2E-10		
2-Butanone	3.5E-17					4.7E-07	1.1E-06	5.9E-08	5.9E-08		
2-Chlorotoluene						2.1E-08	4.9E-08	2.6E-09	2.6E-09		
2-Hexanone						9.7E-08	2.2E-07	1.2E-08	1.2E-08		
Benzene	2.8E-17					1.2E-02	3.8E-03	1.4E-04	1.4E-04		
Bromobenzene						5.3E-07	1.2E-06	6.6E-08	6.6E-08		
Bromochloromethane						1.3E-09	2.9E-09	1.6E-10	1.6E-10		

Table H-33 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	4.5E-21					1.4E-09	4.8E-03	1.7E-10	1.7E-10		
Bromoform							2.2E-02				
Bromomethane	1.9E-20					5.4E-08	1.3E-07	6.8E-09	6.8E-09		
Carbon disulfide	1.8E-20					4.8E-08	1.1E-07	6.0E-09	6.0E-09		
Carbon tetrachloride	1.9E-21					2.2E-03	5.6E-03	2.2E-04	2.2E-04		
Chlorobenzene	6.7E-19					6.9E-08	1.6E-07	8.6E-09	8.6E-09		
Chlorodibromomethane	2.6E-19					3.4E-08	7.8E-08	4.2E-09	4.2E-09		
Chloroethane	5.3E-20					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
Chloroform	4.0E-20					5.2E-04	1.1E-02	3.4E-05	3.4E-05		
Chloromethane	1.4E-19					4.4E-07	1.0E-06	5.5E-08	5.5E-08		
cis-1,2-Dichloroethene	5.4E-20					5.7E-08	1.3E-07	7.1E-09	7.1E-09		
cis-1,3-Dichloropropene						3.5E-10	8.0E-10	4.3E-11	4.3E-11		
Dibromomethane	6.0E-21					2.9E-09	6.7E-09	3.6E-10	3.6E-10		
Dichlorodifluoromethane	6.7E-23					3.6E-09	8.2E-09	4.4E-10	4.4E-10		
Ethylbenzene	2.1E-17					3.1E-03	3.2E-03	3.5E-07	3.5E-07		
Isopropylbenzene	2.8E-20					2.3E-07	5.2E-07	2.8E-08	2.8E-08		
m&p-Xylene	3.4E-18					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Methyl Isobutyl Ketone (4-methyl-2-pent	3.4E-20					5.1E-09	1.2E-08	6.4E-10	6.4E-10		
Methylene chloride	3.7E-19					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
n-Butylbenzene						1.1E-07	2.6E-07	1.4E-08	1.4E-08		
n-Propylbenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08		
o-Xylene	4.0E-18					3.3E-07	7.6E-07	4.1E-08	4.1E-08		
p-Chlorotoluene						7.9E-09	1.8E-08	9.9E-10	9.9E-10		
p-Isopropyltoluene						5.5E-08	1.3E-07	6.9E-09	6.9E-09		

Table H-33 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
sec-Butylbenzene						2.0E-08	4.7E-08	2.5E-09	2.5E-09		
Styrene	1.3E-16					7.3E-06	1.7E-05	9.1E-07	9.1E-07		
tert-Butylbenzene						6.5E-07	1.5E-06	8.2E-08	8.2E-08		
Tetrachloroethene	9.4E-21					1.7E-09	4.0E-09	2.2E-10	2.2E-10		
Toluene	2.2E-17					4.5E-06	1.0E-05	5.6E-07	5.6E-07		
trans-1,2-Dichloroethene	8.4E-19					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
trans-1,3-Dichloropropene						6.0E-10	1.4E-09	7.5E-11	7.5E-11		
Trichloroethene	9.7E-23					7.2E-05	6.4E-03	1.3E-11	1.3E-11		
Trichlorofluoromethane	1.5E-22					1.2E-09	2.9E-09	1.6E-10	1.6E-10		
Vinyl chloride	6.9E-21					7.1E-08	1.6E-07	8.8E-09	8.8E-09		

Table H-34 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					4.8E-03	1.4E-06	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19

Table H-34 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.2E-02	2.0E-02					5.7E-07	2.1E-06
Antimony	1.6E-17			7.7E-07	1.4E-06	1.0E-08	2.4E-08	1.3E-09	1.3E-09	3.8E-11	1.5E-10
Arsenic	8.1E-16	2.7E-06	2.3E-07	6.4E-06	1.1E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	5.2E-10	2.0E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				3.3E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.6E-09	4.0E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				2.7E-02	3.7E-02					1.3E-06	4.0E-06
Lead	6.9E-18			1.1E-04	2.3E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.5E-09	2.5E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				2.7E-08	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	5.2E-08	3.2E-07
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19

Table H-34 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	7.1E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.7E-08	7.7E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Thallium (Soluble Salts)				8.1E-08	1.7E-07					4.0E-12	1.8E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	1.6E-07	5.1E-07	1.5E-07	9.3E-07	3.0E-09	6.9E-09	3.7E-10	3.7E-10	2.3E-09	1.4E-08
Benzo(a)pyrene	3.1E-12	1.7E-07	5.6E-07	1.5E-07	1.0E-06	1.2E-09	2.7E-09	1.5E-10	1.5E-10	7.6E-12	1.1E-10
Benzo(b)fluoranthene	8.3E-13	3.0E-07	7.9E-07	2.7E-07	1.4E-06	1.3E-09	3.0E-09	1.6E-10	1.6E-10	1.3E-11	1.5E-10
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	1.2E-07	4.0E-07	1.1E-07	7.2E-07	1.2E-11	2.7E-11	1.5E-12	1.5E-12	5.5E-12	7.8E-11

Table H-34 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.4E-07	5.7E-07	2.1E-07	1.0E-06	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.0E-11	1.1E-10
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	1.4E-07	3.1E-13	2.5E-07	1.9E-10	4.3E-10	2.3E-11	2.3E-11	1.5E-17	2.7E-11
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	9.4E-08	3.6E-07	8.6E-08	6.6E-07	6.2E-10	1.4E-09	7.7E-11	7.7E-11	4.2E-12	7.1E-11
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16

Table H-34 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				6.8E-06	2.2E-07					2.2E-07	1.3E-06
Dieldrin		2.7E-08	1.0E-08	3.2E-08	2.4E-08					1.6E-12	2.5E-12
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18

Table H-34 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						5.9E-03	2.3E-03				
p-Chloroaniline			3.3E-07		7.7E-07						8.4E-11
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.3E-05	4.4E-05	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.2E-04	2.7E-04	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		

Table H-34 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromodichloromethane	3.1E-19					9.5E-11	3.4E-04	1.2E-11	1.2E-11		
Bromoform							1.5E-03				
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.6E-04	3.9E-04	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					3.7E-05	7.9E-04	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					2.1E-04	2.2E-04	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		

Table H-34 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					5.0E-06	4.5E-04	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10		

Table H-35 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						1.2E-05	2.8E-05	1.5E-06	1.5E-06		
Aldehydes											
Acetaldehyde	1.3E-15					2.1E-05	4.8E-05	2.6E-06	2.6E-06		
Formaldehyde	6.5E-15					6.8E-02	5.7E-01	1.1E-06	1.1E-06		
Propionaldehyde				3.2E-17	9.0E-17	2.3E-06	5.2E-06	2.8E-07	2.8E-07	2.4E-13	1.5E-12
CO											
Carbon monoxide						6.4E-04	1.5E-03	8.0E-05	8.0E-05		
CO2											
Carbon dioxide						2.0E-05	4.6E-05	2.5E-06	2.5E-06		
Criteria											
Sulfur Dioxide						5.4E-06	1.2E-05	6.8E-07	6.8E-07		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-20	1.1E-17	1.5E-17	4.2E-17	1.2E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	2.1E-18	1.3E-17
1,2,3,4,6,7,8-HpCDF	1.3E-20	1.1E-17	1.5E-17	4.3E-17	1.2E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	2.1E-18	1.3E-17
1,2,3,4,7,8,9-HpCDF	2.1E-21	1.2E-18	1.7E-18	4.9E-18	1.4E-17	1.6E-12	3.6E-12	1.9E-13	1.9E-13	2.4E-19	1.5E-18
1,2,3,4,7,8-HxCDD	1.6E-20	1.2E-18	1.7E-18	4.8E-18	1.3E-17	1.5E-12	3.3E-12	1.8E-13	1.8E-13	2.4E-19	1.5E-18
1,2,3,4,7,8-HxCDF	1.1E-19	9.7E-18	1.4E-17	3.8E-17	1.1E-16	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.9E-18	1.2E-17
1,2,3,6,7,8-HxCDD	3.1E-20	2.5E-18	3.5E-18	9.8E-18	2.7E-17	3.1E-12	7.1E-12	3.8E-13	3.8E-13	4.8E-19	3.0E-18
1,2,3,6,7,8-HxCDF	4.0E-20	3.2E-18	4.4E-18	1.2E-17	3.5E-17	3.8E-12	8.8E-12	4.8E-13	4.8E-13	6.1E-19	3.8E-18
1,2,3,7,8,9-HxCDD	4.3E-20	3.9E-18	5.5E-18	1.5E-17	4.3E-17	4.6E-12	1.1E-11	5.8E-13	5.8E-13	7.6E-19	4.7E-18
1,2,3,7,8,9-HxCDF	3.4E-21	2.3E-19	3.2E-19	8.9E-19	2.5E-18	2.9E-13	6.8E-13	3.7E-14	3.7E-14	4.4E-20	2.7E-19
1,2,3,7,8-PeCDD	9.8E-20	1.4E-18	1.9E-18	5.4E-18	1.5E-17	1.8E-12	4.3E-12	2.3E-13	2.3E-13	2.7E-19	1.6E-18
1,2,3,7,8-PeCDF	1.4E-19	1.6E-18	2.3E-18	6.4E-18	1.8E-17	2.6E-12	6.1E-12	3.3E-13	3.3E-13	3.1E-19	1.9E-18

Table H-35 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.8E-20	5.0E-18	6.9E-18	2.0E-17	5.5E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	9.6E-19	5.9E-18
2,3,4,7,8-PeCDF	2.1E-19	3.9E-18	5.4E-18	1.5E-17	4.3E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	7.5E-19	4.6E-18
2,3,7,8-TCDD	3.4E-20	2.8E-19	4.0E-19	1.1E-18	3.1E-18	7.4E-13	1.7E-12	9.3E-14	9.3E-14	3.8E-17	2.3E-16
2,3,7,8-TCDF	1.1E-19	5.1E-19	7.2E-19	2.0E-18	5.7E-18	2.7E-12	6.3E-12	3.4E-13	3.4E-13	9.9E-20	6.1E-19
OCDD	1.7E-22	7.3E-18	1.0E-17	2.9E-17	8.0E-17	8.0E-12	1.9E-11	1.0E-12	1.0E-12	1.4E-18	8.6E-18
OCDF	6.5E-23	2.8E-18	3.9E-18	1.1E-17	3.1E-17	3.0E-12	7.0E-12	3.8E-13	3.8E-13	5.4E-19	3.3E-18
HCN											
Hydrogen cyanide						2.3E-06	5.2E-06	2.8E-07	2.8E-07		
Metals											
Aluminum				1.7E-04	3.4E-04					8.1E-06	3.7E-05
Antimony	2.2E-19			1.1E-08	6.8E-09	1.5E-07	3.4E-07	1.9E-08	1.9E-08	5.4E-10	7.4E-10
Arsenic	1.2E-17	3.9E-08	6.5E-09	9.2E-08	3.1E-08	8.5E-09	2.0E-08	1.1E-09	1.1E-09	7.5E-09	5.5E-09
Barium	2.6E-14			2.5E-11	7.1E-11	1.8E-06	4.2E-06	2.2E-07	2.2E-07	1.2E-12	7.7E-12
Beryllium	4.7E-19			1.5E-17	4.2E-17	6.1E-10	1.4E-09	7.7E-11	7.7E-11	7.3E-19	4.5E-18
Cadmium	1.2E-16			1.2E-17	3.3E-17	1.1E-08	2.5E-08	1.4E-09	1.4E-09	5.7E-19	3.5E-18
Chromium	3.1E-17			7.6E-13	2.1E-12	9.2E-08	2.1E-07	1.2E-08	1.2E-08	3.7E-14	2.3E-13
Cobalt				4.6E-07	5.3E-07	1.4E-07	3.2E-07	1.8E-08	1.8E-08	2.3E-08	5.7E-08
Copper				2.8E-12	7.8E-12	2.5E-07	5.9E-07	3.2E-08	3.2E-08	1.4E-13	8.4E-13
Iron				3.9E-04	5.7E-04					1.9E-05	6.1E-05
Lead	9.9E-20			1.6E-06	7.5E-07	8.5E-08	2.0E-07	1.1E-08	1.1E-08	7.8E-08	8.1E-08
Manganese				1.1E-14	3.2E-14	7.8E-08	1.8E-07	9.7E-09	9.7E-09	5.6E-16	3.4E-15
Mercury (+2)				2.4E-16	6.9E-16	3.4E-10	7.8E-10	4.2E-11	4.2E-11	1.2E-17	7.4E-17
Mercury, elemental				3.9E-10	3.9E-10	1.4E-12	3.2E-12	1.8E-13	1.8E-13	7.4E-07	4.6E-06
Methyl Mercury	9.3E-17			1.5E-17	4.1E-17					7.1E-19	4.4E-18

Table H-35 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	4.7E-17			8.0E-06	1.1E-05	5.0E-08	1.1E-07	6.2E-09	6.2E-09	3.9E-07	1.2E-06
Phosphorus				1.1E-16	3.0E-16	3.8E-07	8.7E-07	4.7E-08	4.7E-08	1.0E-12	6.4E-12
Selenium	3.9E-18			5.8E-19	1.6E-18	2.5E-09	5.8E-09	3.1E-10	3.1E-10	2.8E-20	1.7E-19
Silver	2.7E-18			9.3E-15	2.6E-14	1.6E-09	3.8E-09	2.0E-10	2.0E-10	4.5E-16	2.8E-15
Thallium (Soluble Salts)				1.2E-09	2.1E-09					5.7E-11	2.2E-10
Titanium				1.1E-16	3.2E-16	8.7E-10	2.0E-09	1.1E-10	1.1E-10	5.6E-18	3.5E-17
Zinc	5.8E-14			2.6E-15	7.4E-15	2.0E-06	4.5E-06	2.4E-07	2.4E-07	1.3E-16	8.0E-16
NOx											
NOx (Oxides of Nitrogen)						2.2E-05	5.2E-05	2.8E-06	2.8E-06		
PAHs											
1-Methylnaphthalene		3.4E-18	4.8E-18	3.1E-18	8.7E-18	4.7E-07	1.1E-06	5.9E-08	5.9E-08	3.5E-15	2.2E-14
1-Methylphenanthrene				2.1E-15	5.8E-15	5.6E-08	1.3E-07	7.0E-09	7.0E-09	1.0E-16	6.2E-16
2,3,5-Trimethylnaphthalene				9.7E-16	2.7E-15	2.8E-08	6.4E-08	3.5E-09	3.5E-09	4.7E-17	2.9E-16
2,6-Dimethylnaphthalene				2.6E-15	7.4E-15	7.4E-08	1.7E-07	9.2E-09	9.2E-09	1.3E-16	8.0E-16
2-Methylnaphthalene		3.3E-18	4.6E-18	3.0E-18	8.4E-18	4.6E-07	1.1E-06	5.7E-08	5.7E-08	3.4E-15	2.1E-14
Acenaphthylene				8.5E-15	2.4E-14	2.7E-07	6.2E-07	3.4E-08	3.4E-08	4.2E-16	2.6E-15
Acenaphthene	4.8E-17					4.9E-08	1.1E-07	6.2E-09	6.2E-09		
Anthracene	6.1E-16					8.7E-08	2.0E-07	1.1E-08	1.1E-08		
Benzo(a)anthracene	8.8E-14	2.4E-09	3.3E-14	2.1E-09	6.0E-14	4.3E-08	9.9E-08	5.3E-09	5.3E-09	3.2E-08	2.0E-07
Benzo(a)pyrene	4.4E-14	2.4E-09	1.5E-14	2.2E-09	2.8E-14	1.7E-08	3.9E-08	2.1E-09	2.1E-09	1.1E-10	3.0E-15
Benzo(b)fluoranthene	1.2E-14	4.3E-09	8.8E-16	3.9E-09	1.6E-15	1.9E-08	4.3E-08	2.3E-09	2.3E-09	1.9E-10	1.7E-16
Benzo(e)pyrene				4.9E-16	1.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	2.4E-17	1.5E-16
Benzo(g,h,i)perylene				3.6E-16	1.0E-15	1.1E-08	2.5E-08	1.4E-09	1.4E-09	1.8E-17	1.1E-16
Benzo(k)fluoranthene	8.8E-17	1.7E-09	9.0E-16	1.6E-09	1.6E-15	1.7E-10	3.8E-10	2.1E-11	2.1E-11	7.8E-11	1.8E-16

Table H-35 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				4.8E-17	1.3E-16	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.8E-14	1.7E-13
Chrysene	1.5E-14	3.4E-09	4.1E-14	3.1E-09	7.5E-14	7.3E-08	1.7E-07	9.1E-09	9.1E-09	1.5E-10	8.1E-15
Dibenze(a,h)anthracene	2.1E-15	3.8E-15	5.3E-15	3.4E-15	9.6E-15	2.7E-09	6.1E-09	3.3E-10	3.3E-10	1.7E-16	1.0E-15
Fluoranthene	4.0E-15	8.6E-16	1.2E-15	7.8E-16	2.2E-15	1.1E-07	2.5E-07	1.3E-08	1.3E-08	3.8E-17	2.4E-16
Fluorene	8.7E-16					2.7E-07	6.2E-07	3.3E-08	3.3E-08		
Indeno(1,2,3-cd)pyrene	5.4E-15	1.3E-09	1.5E-14	1.2E-09	2.7E-14	8.8E-09	2.0E-08	1.1E-09	1.1E-09	6.0E-11	3.0E-15
Napthalene	4.0E-16					2.1E-06	4.9E-06	2.7E-07	2.7E-07		
Perylene				1.9E-16	5.3E-16	6.6E-09	1.5E-08	8.2E-10	8.2E-10	9.2E-18	5.7E-17
Phenanthrene	4.2E-15					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
Pyrene	2.9E-15	2.4E-15	3.3E-15	2.2E-15	6.0E-15	1.0E-07	2.4E-07	1.3E-08	1.3E-08	6.0E-14	3.7E-13
Particulate											
Particulate Total Suspended Particulate				4.3E-11	1.2E-10	3.3E-04	7.7E-04	4.2E-05	4.2E-05	2.1E-12	1.3E-11
PM<10				5.5E-11	1.5E-10	4.4E-04	1.0E-03	5.5E-05	5.5E-05	2.7E-12	1.6E-11
PM<2.5				4.5E-11	1.3E-10	3.8E-04	8.7E-04	4.7E-05	4.7E-05	2.2E-12	1.4E-11
PCBs											
Dichlorobiphenyl	8.7E-17	5.1E-18	7.1E-18	4.3E-18	1.2E-17	1.3E-09	3.1E-09	1.7E-10	1.7E-10	4.0E-16	2.5E-15
Heptachlorobiphenyl	3.3E-18	5.8E-19	8.1E-19	4.9E-19	1.4E-18	1.8E-11	4.2E-11	2.3E-12	2.3E-12	2.5E-17	1.5E-16
Hexachlorobiphenyl	1.3E-17	2.6E-18	3.6E-18	2.2E-18	6.2E-18	7.6E-11	1.8E-10	9.5E-12	9.5E-12	1.1E-16	6.9E-16
Monochlorobiphenyl	6.1E-16	3.5E-17	4.9E-17	3.0E-17	8.3E-17	9.2E-09	2.1E-08	1.2E-09	1.2E-09	2.8E-15	1.7E-14
Nonachlorobiphenyl	4.1E-19	1.0E-19	1.4E-19	8.6E-20	2.4E-19	2.6E-12	5.9E-12	3.2E-13	3.2E-13	4.4E-18	2.7E-17
Octachlorobiphenyl	9.7E-19	1.9E-19	2.6E-19	1.6E-19	4.4E-19	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.1E-18	5.0E-17
Pentachlorobiphenyl	4.4E-17	9.4E-18	1.3E-17	7.9E-18	2.2E-17	2.6E-10	6.0E-10	3.3E-11	3.3E-11	4.0E-16	2.5E-15
Tetrachlorobiphenyl	2.6E-17	1.9E-18	2.7E-18	1.6E-18	4.6E-18	4.3E-10	9.9E-10	5.4E-11	5.4E-11	1.5E-16	9.4E-16
Trichlorobiphenyl	3.4E-17	2.3E-18	3.2E-18	2.0E-18	5.5E-18	5.5E-10	1.3E-09	6.8E-11	6.8E-11	1.8E-16	1.1E-15

Table H-35 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				9.8E-08	1.1E-09					3.1E-06	1.9E-05
Dieldrin		3.8E-10		4.5E-10						2.2E-11	
SVOCs											
1,2,4-trichlorobenzene						3.9E-09	8.9E-09	4.8E-10	4.8E-10		
1,2-dichlorobenzene	3.9E-20					1.6E-09	3.6E-09	1.9E-10	1.9E-10		
1,3-dichlorobenzene	9.9E-20					2.3E-09	5.4E-09	2.9E-10	2.9E-10		
1,4-dichlorobenzene	1.3E-18					2.2E-08	5.0E-08	2.7E-09	2.7E-09		
2,4-Dimethylphenol	3.6E-17					3.4E-07	7.8E-07	4.2E-08	4.2E-08		
2-Chlorophenol	1.8E-18					6.8E-08	1.6E-07	8.5E-09	8.5E-09		
2-Methylphenol	7.5E-16					8.0E-07	1.8E-06	9.9E-08	9.9E-08		
2-Nitrophenol	4.6E-18					1.1E-07	2.5E-07	1.3E-08	1.3E-08		
3-Methylphenol & 4-Methylphenol				5.3E-14	1.5E-13	1.4E-06	3.3E-06	1.8E-07	1.8E-07	2.6E-15	1.6E-14
4-Nitrophenol	9.3E-18					1.8E-07	4.1E-07	2.2E-08	2.2E-08		
Acetophenone	5.6E-17					1.7E-06	3.9E-06	2.1E-07	2.1E-07		
Benzoic acid	2.3E-16					7.7E-06	1.8E-05	9.6E-07	9.6E-07		
Benzyl alcohol	1.4E-19					6.4E-08	1.5E-07	8.0E-09	8.0E-09		
bis(2-Ethylhexyl) phthalate	7.0E-15	9.6E-14	1.3E-13	1.1E-13	3.2E-13	2.7E-06	6.3E-06	3.4E-07	3.4E-07	5.5E-15	3.4E-14
Butyl benzyl phthalate	2.5E-15	4.6E-17	6.5E-17	5.5E-17	1.5E-16	8.5E-08	2.0E-07	1.1E-08	1.1E-08	2.7E-18	1.7E-17
Carbazole				2.0E-16	5.6E-16	2.4E-09	5.5E-09	3.0E-10	3.0E-10	9.8E-18	6.0E-17
Dibenzofuran		2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.4E-07	3.1E-07	1.7E-08	1.7E-08	3.5E-15	2.1E-14
Dimethyl phthalate	9.2E-19					4.8E-09	1.1E-08	5.9E-10	5.9E-10		
Di-n-butyl phthalate	2.4E-14	4.6E-17	6.5E-17	5.5E-17	1.5E-16	1.3E-07	3.0E-07	1.6E-08	1.6E-08	2.7E-18	1.7E-17
Di-n-octyl phthalate	1.8E-19	1.3E-16	1.9E-16	1.6E-16	4.4E-16	9.2E-09	2.1E-08	1.1E-09	1.1E-09	7.8E-18	4.8E-17

Table H-35 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	9.6E-17					6.3E-07	1.5E-06	7.9E-08	7.9E-08		
Isopropanol						8.5E-02					
Phenol	2.1E-15					4.3E-06	9.9E-06	5.4E-07	5.4E-07		
Pyridine	1.1E-16					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
TRS											
Total Reduced Sulfur						4.2E-06	9.6E-06	5.2E-07	5.2E-07		
VOCs											
1,1,1,2-Tetrachloroethane	3.8E-20					1.9E-09	4.5E-09	2.4E-10	2.4E-10		
1,1,1-Trichloroethane	2.5E-21					1.9E-09	4.4E-09	2.4E-10	2.4E-10		
1,1-Dichloroethene	8.5E-23					3.7E-10	8.6E-10	4.6E-11	4.6E-11		
1,2,3-Trichlorobenzene	2.7E-18					7.6E-09	1.8E-08	9.5E-10	9.5E-10		
1,2,3-Trichloropropane	1.5E-20					1.5E-09	3.6E-09	1.9E-10	1.9E-10		
1,2,4-Trimethylbenzene						8.9E-08	2.1E-07	1.1E-08	1.1E-08		
1,2-Dibromoethane	5.3E-21					9.9E-10	2.3E-09	1.2E-10	1.2E-10		
1,2-Dichloroethane	1.7E-19					3.3E-04	9.1E-08	1.4E-05	1.4E-05		
1,3,5-Trimethylbenzene	8.6E-19					8.4E-08	1.9E-07	1.0E-08	1.0E-08		
1,3-Dichloropropane						9.6E-10	2.2E-09	1.2E-10	1.2E-10		
2-Butanone	3.5E-17					4.7E-07	1.1E-06	5.9E-08	5.9E-08		
2-Chlorotoluene						2.1E-08	4.9E-08	2.6E-09	2.6E-09		
2-Hexanone						9.7E-08	2.2E-07	1.2E-08	1.2E-08		
Benzene	2.8E-17					1.2E-02	2.9E-05	1.4E-04	1.4E-04		
Bromobenzene						5.3E-07	1.2E-06	6.6E-08	6.6E-08		
Bromochloromethane						1.3E-09	2.9E-09	1.6E-10	1.6E-10		
Bromodichloromethane	4.5E-21					1.4E-09	3.1E-09	1.7E-10	1.7E-10		

Table H-35 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromomethane	1.9E-20					5.4E-08	1.3E-07	6.8E-09	6.8E-09		
Carbon disulfide	1.8E-20					4.8E-08	1.1E-07	6.0E-09	6.0E-09		
Carbon tetrachloride	1.9E-21					2.2E-03	7.2E-09	2.2E-04	2.2E-04		
Chlorobenzene	6.7E-19					6.9E-08	1.6E-07	8.6E-09	8.6E-09		
Chlorodibromomethane	2.6E-19					3.4E-08	7.8E-08	4.2E-09	4.2E-09		
Chloroethane	5.3E-20					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
Chloroform	4.0E-20					5.2E-04	6.5E-08	3.4E-05	3.4E-05		
Chloromethane	1.4E-19					4.4E-07	1.0E-06	5.5E-08	5.5E-08		
cis-1,2-Dichloroethene	5.4E-20					5.7E-08	1.3E-07	7.1E-09	7.1E-09		
cis-1,3-Dichloropropene						3.5E-10	8.0E-10	4.3E-11	4.3E-11		
Dibromomethane	6.0E-21					2.9E-09	6.7E-09	3.6E-10	3.6E-10		
Dichlorodifluoromethane	6.7E-23					3.6E-09	8.2E-09	4.4E-10	4.4E-10		
Ethylbenzene	2.1E-17					3.1E-03	6.5E-06	3.5E-07	3.5E-07		
Isopropylbenzene	2.8E-20					2.3E-07	5.2E-07	2.8E-08	2.8E-08		
m&p-Xylene	3.4E-18					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Methyl Isobutyl Ketone (4-methyl-2-per	3.4E-20					5.1E-09	1.2E-08	6.4E-10	6.4E-10		
Methylene chloride	3.7E-19					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
n-Butylbenzene						1.1E-07	2.6E-07	1.4E-08	1.4E-08		
n-Propylbenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08		
o-Xylene	4.0E-18					3.3E-07	7.6E-07	4.1E-08	4.1E-08		
p-Chlorotoluene						7.9E-09	1.8E-08	9.9E-10	9.9E-10		
p-Isopropyltoluene						5.5E-08	1.3E-07	6.9E-09	6.9E-09		
sec-Butylbenzene						2.0E-08	4.7E-08	2.5E-09	2.5E-09		
Styrene	1.3E-16					7.3E-06	1.7E-05	9.1E-07	9.1E-07		

Table H-35 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						6.5E-07	1.5E-06	8.2E-08	8.2E-08		
Tetrachloroethene	9.4E-21					1.7E-09	4.0E-09	2.2E-10	2.2E-10		
Toluene	2.2E-17					4.5E-06	1.0E-05	5.6E-07	5.6E-07		
trans-1,2-Dichloroethene	8.4E-19					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
trans-1,3-Dichloropropene						6.0E-10	1.4E-09	7.5E-11	7.5E-11		
Trichloroethene	9.7E-23					7.2E-05	2.4E-10	1.3E-11	1.3E-11		
Trichlorofluoromethane	1.5E-22					1.2E-09	2.9E-09	1.6E-10	1.6E-10		
Vinyl chloride	6.9E-21					7.1E-08	1.6E-07	8.8E-09	8.8E-09		

Table H-36 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					4.8E-03	4.0E-02	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19

Table H-36 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.2E-02	2.4E-02					5.7E-07	2.6E-06
Antimony	1.6E-17			7.7E-07	4.8E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	3.8E-11	5.2E-11
Arsenic	8.1E-16	2.7E-06	4.6E-07	6.4E-06	2.2E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	5.2E-10	3.9E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				3.3E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.6E-09	4.0E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				2.7E-02	4.0E-02					1.3E-06	4.3E-06
Lead	6.9E-18			1.1E-04	5.3E-05	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.5E-09	5.7E-09
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				2.7E-08	2.7E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	5.2E-08	3.2E-07
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19

Table H-36 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	7.9E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.7E-08	8.5E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Thallium (Soluble Salts)				8.1E-08	1.4E-07					4.0E-12	1.6E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	1.6E-07	2.8E-12	1.5E-07	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	2.3E-09	1.4E-08
Benzo(a)pyrene	3.1E-12	1.7E-07	1.2E-12	1.5E-07	2.3E-12	1.2E-09	2.7E-09	1.5E-10	1.5E-10	7.6E-12	2.4E-16
Benzo(b)fluoranthene	8.3E-13	3.0E-07	7.3E-14	2.7E-07	1.3E-13	1.3E-09	3.0E-09	1.6E-10	1.6E-10	1.3E-11	1.4E-17
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	1.2E-07	9.7E-14	1.1E-07	1.8E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	5.5E-12	1.9E-17

Table H-36 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.4E-07	3.8E-12	2.1E-07	6.9E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.0E-11	7.4E-16
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	4.7E-13	3.1E-13	8.6E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	1.5E-17	9.3E-17
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	9.4E-08	1.3E-12	8.6E-08	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	4.2E-12	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16

Table H-36 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				6.8E-06	7.8E-08					2.2E-07	1.3E-06
Dieldrin		2.7E-08		3.2E-08						1.6E-12	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18

Table H-36 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						5.9E-03					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.3E-05	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.2E-04	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		

Table H-36 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.6E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					3.7E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					2.1E-04	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		

Table H-36 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					5.0E-06	1.7E-11	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10		

Table H-37 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						1.2E-05	2.8E-05	1.5E-06	1.5E-06		
Aldehydes											
Acetaldehyde	1.3E-15					2.1E-05	4.8E-05	2.6E-06	2.6E-06		
Formaldehyde	6.5E-15					6.8E-02	3.8E-01	1.1E-06	1.1E-06		
Propionaldehyde				3.2E-17	9.0E-17	2.3E-06	5.2E-06	2.8E-07	2.8E-07	2.4E-13	1.5E-12
CO											
Carbon monoxide						6.4E-04	1.5E-03	8.0E-05	8.0E-05		
CO2											
Carbon dioxide						2.0E-05	4.6E-05	2.5E-06	2.5E-06		
Criteria											
Sulfur Dioxide						5.4E-06	1.2E-05	6.8E-07	6.8E-07		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-20	1.1E-17	1.5E-17	4.2E-17	1.2E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	2.1E-18	1.3E-17
1,2,3,4,6,7,8-HpCDF	1.3E-20	1.1E-17	1.5E-17	4.3E-17	1.2E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	2.1E-18	1.3E-17
1,2,3,4,7,8,9-HpCDF	2.1E-21	1.2E-18	1.7E-18	4.9E-18	1.4E-17	1.6E-12	3.6E-12	1.9E-13	1.9E-13	2.4E-19	1.5E-18
1,2,3,4,7,8-HxCDD	1.6E-20	1.2E-18	1.7E-18	4.8E-18	1.3E-17	1.5E-12	3.3E-12	1.8E-13	1.8E-13	2.4E-19	1.5E-18
1,2,3,4,7,8-HxCDF	1.1E-19	9.7E-18	1.4E-17	3.8E-17	1.1E-16	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.9E-18	1.2E-17
1,2,3,6,7,8-HxCDD	3.1E-20	2.5E-18	3.5E-18	9.8E-18	2.7E-17	3.1E-12	7.1E-12	3.8E-13	3.8E-13	4.8E-19	3.0E-18
1,2,3,6,7,8-HxCDF	4.0E-20	3.2E-18	4.4E-18	1.2E-17	3.5E-17	3.8E-12	8.8E-12	4.8E-13	4.8E-13	6.1E-19	3.8E-18
1,2,3,7,8,9-HxCDD	4.3E-20	3.9E-18	5.5E-18	1.5E-17	4.3E-17	4.6E-12	1.1E-11	5.8E-13	5.8E-13	7.6E-19	4.7E-18
1,2,3,7,8,9-HxCDF	3.4E-21	2.3E-19	3.2E-19	8.9E-19	2.5E-18	2.9E-13	6.8E-13	3.7E-14	3.7E-14	4.4E-20	2.7E-19
1,2,3,7,8-PeCDD	9.8E-20	1.4E-18	1.9E-18	5.4E-18	1.5E-17	1.8E-12	4.3E-12	2.3E-13	2.3E-13	2.7E-19	1.6E-18
1,2,3,7,8-PeCDF	1.4E-19	1.6E-18	2.3E-18	6.4E-18	1.8E-17	2.6E-12	6.1E-12	3.3E-13	3.3E-13	3.1E-19	1.9E-18

Table H-37 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.8E-20	5.0E-18	6.9E-18	2.0E-17	5.5E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	9.6E-19	5.9E-18
2,3,4,7,8-PeCDF	2.1E-19	3.9E-18	5.4E-18	1.5E-17	4.3E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	7.5E-19	4.6E-18
2,3,7,8-TCDD	3.4E-20	2.8E-19	4.0E-19	1.1E-18	3.1E-18	7.4E-13	1.7E-12	9.3E-14	9.3E-14	3.8E-17	2.3E-16
2,3,7,8-TCDF	1.1E-19	5.1E-19	7.2E-19	2.0E-18	5.7E-18	2.7E-12	6.3E-12	3.4E-13	3.4E-13	9.9E-20	6.1E-19
OCDD	1.7E-22	7.3E-18	1.0E-17	2.9E-17	8.0E-17	8.0E-12	1.9E-11	1.0E-12	1.0E-12	1.4E-18	8.6E-18
OCDF	6.5E-23	2.8E-18	3.9E-18	1.1E-17	3.1E-17	3.0E-12	7.0E-12	3.8E-13	3.8E-13	5.4E-19	3.3E-18
HCN											
Hydrogen cyanide						2.3E-06	5.2E-06	2.8E-07	2.8E-07		
Metals											
Aluminum				1.7E-04	2.7E-04					8.1E-06	3.0E-05
Antimony	2.2E-19			1.1E-08	2.4E-09	1.5E-07	3.4E-07	1.9E-08	1.9E-08	5.4E-10	2.6E-10
Arsenic	1.2E-17	3.9E-08	2.6E-09	9.2E-08	1.2E-08	8.5E-09	2.0E-08	1.1E-09	1.1E-09	7.5E-09	2.2E-09
Barium	2.6E-14			2.5E-11	7.1E-11	1.8E-06	4.2E-06	2.2E-07	2.2E-07	1.2E-12	7.7E-12
Beryllium	4.7E-19			1.5E-17	4.2E-17	6.1E-10	1.4E-09	7.7E-11	7.7E-11	7.3E-19	4.5E-18
Cadmium	1.2E-16			1.2E-17	3.3E-17	1.1E-08	2.5E-08	1.4E-09	1.4E-09	5.7E-19	3.5E-18
Chromium	3.1E-17			7.6E-13	2.1E-12	9.2E-08	2.1E-07	1.2E-08	1.2E-08	3.7E-14	2.3E-13
Cobalt				4.6E-07	9.1E-07	1.4E-07	3.2E-07	1.8E-08	1.8E-08	2.3E-08	9.8E-08
Copper				2.8E-12	7.8E-12	2.5E-07	5.9E-07	3.2E-08	3.2E-08	1.4E-13	8.4E-13
Iron				3.9E-04	6.2E-04					1.9E-05	6.6E-05
Lead	9.9E-20			1.6E-06	2.1E-06	8.5E-08	2.0E-07	1.1E-08	1.1E-08	7.8E-08	2.2E-07
Manganese				1.1E-14	3.2E-14	7.8E-08	1.8E-07	9.7E-09	9.7E-09	5.6E-16	3.4E-15
Mercury (+2)				2.4E-16	6.9E-16	3.4E-10	7.8E-10	4.2E-11	4.2E-11	1.2E-17	7.4E-17
Mercury, elemental				3.9E-10	6.3E-10	1.4E-12	3.2E-12	1.8E-13	1.8E-13	7.4E-07	4.6E-06
Methyl Mercury	9.3E-17			1.5E-17	4.1E-17					7.1E-19	4.4E-18

Table H-37 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	4.7E-17			8.0E-06	1.9E-05	5.0E-08	1.1E-07	6.2E-09	6.2E-09	3.9E-07	2.0E-06
Phosphorus				1.1E-16	3.0E-16	3.8E-07	8.7E-07	4.7E-08	4.7E-08	1.0E-12	6.4E-12
Selenium	3.9E-18			5.8E-19	1.6E-18	2.5E-09	5.8E-09	3.1E-10	3.1E-10	2.8E-20	1.7E-19
Silver	2.7E-18			9.3E-15	2.6E-14	1.6E-09	3.8E-09	2.0E-10	2.0E-10	4.5E-16	2.8E-15
Thallium (Soluble Salts)				1.2E-09						5.7E-11	
Titanium				1.1E-16	3.2E-16	8.7E-10	2.0E-09	1.1E-10	1.1E-10	5.6E-18	3.5E-17
Zinc	5.8E-14			2.6E-15	7.4E-15	2.0E-06	4.5E-06	2.4E-07	2.4E-07	1.3E-16	8.0E-16
NOx											
NOx (Oxides of Nitrogen)						2.2E-05	5.2E-05	2.8E-06	2.8E-06		
PAHs											
1-Methylnaphthalene		3.4E-18	4.8E-18	3.1E-18	8.7E-18	4.7E-07	1.1E-06	5.9E-08	5.9E-08	3.5E-15	2.2E-14
1-Methylphenanthrene				2.1E-15	5.8E-15	5.6E-08	1.3E-07	7.0E-09	7.0E-09	1.0E-16	6.2E-16
2,3,5-Trimethylnaphthalene				9.7E-16	2.7E-15	2.8E-08	6.4E-08	3.5E-09	3.5E-09	4.7E-17	2.9E-16
2,6-Dimethylnaphthalene				2.6E-15	7.4E-15	7.4E-08	1.7E-07	9.2E-09	9.2E-09	1.3E-16	8.0E-16
2-Methylnaphthalene		3.3E-18	4.6E-18	3.0E-18	8.4E-18	4.6E-07	1.1E-06	5.7E-08	5.7E-08	3.4E-15	2.1E-14
Acenaphthylene				8.5E-15	2.4E-14	2.7E-07	6.2E-07	3.4E-08	3.4E-08	4.2E-16	2.6E-15
Acenaphthene	4.8E-17					4.9E-08	1.1E-07	6.2E-09	6.2E-09		
Anthracene	6.1E-16					8.7E-08	2.0E-07	1.1E-08	1.1E-08		
Benzo(a)anthracene	8.8E-14	2.4E-09	3.3E-14	2.1E-09	6.0E-14	4.3E-08	9.9E-08	5.3E-09	5.3E-09	3.2E-08	2.0E-07
Benzo(a)pyrene	4.4E-14	2.4E-09	1.9E-09	2.2E-09	3.4E-09	1.7E-08	3.9E-08	2.1E-09	2.1E-09	1.1E-10	3.7E-10
Benzo(b)fluoranthene	1.2E-14	4.3E-09	1.7E-09	3.9E-09	3.1E-09	1.9E-08	4.3E-08	2.3E-09	2.3E-09	1.9E-10	3.3E-10
Benzo(e)pyrene				4.9E-16	1.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	2.4E-17	1.5E-16
Benzo(g,h,i)perylene				3.6E-16	1.0E-15	1.1E-08	2.5E-08	1.4E-09	1.4E-09	1.8E-17	1.1E-16
Benzo(k)fluoranthene	8.8E-17	1.7E-09	9.0E-16	1.6E-09	1.6E-15	1.7E-10	3.8E-10	2.1E-11	2.1E-11	7.8E-11	1.8E-16

Table H-37 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				4.8E-17	1.3E-16	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.8E-14	1.7E-13
Chrysene	1.5E-14	3.4E-09	4.1E-14	3.1E-09	7.5E-14	7.3E-08	1.7E-07	9.1E-09	9.1E-09	1.5E-10	8.1E-15
Dibenze(a,h)anthracene	2.1E-15	3.8E-15	5.3E-15	3.4E-15	9.6E-15	2.7E-09	6.1E-09	3.3E-10	3.3E-10	1.7E-16	1.0E-15
Fluoranthene	4.0E-15	8.6E-16	1.2E-15	7.8E-16	2.2E-15	1.1E-07	2.5E-07	1.3E-08	1.3E-08	3.8E-17	2.4E-16
Fluorene	8.7E-16					2.7E-07	6.2E-07	3.3E-08	3.3E-08		
Indeno(1,2,3-cd)pyrene	5.4E-15	1.3E-09	1.5E-14	1.2E-09	2.7E-14	8.8E-09	2.0E-08	1.1E-09	1.1E-09	6.0E-11	3.0E-15
Napthalene	4.0E-16					2.1E-06	4.9E-06	2.7E-07	2.7E-07		
Perylene				1.9E-16	5.3E-16	6.6E-09	1.5E-08	8.2E-10	8.2E-10	9.2E-18	5.7E-17
Phenanthrene	4.2E-15					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
Pyrene	2.9E-15	2.4E-15	3.3E-15	2.2E-15	6.0E-15	1.0E-07	2.4E-07	1.3E-08	1.3E-08	6.0E-14	3.7E-13
Particulate											
Particulate Total Suspended Particulate				4.3E-11	1.2E-10	3.3E-04	7.7E-04	4.2E-05	4.2E-05	2.1E-12	1.3E-11
PM<10				5.5E-11	1.5E-10	4.4E-04	1.0E-03	5.5E-05	5.5E-05	2.7E-12	1.6E-11
PM<2.5				4.5E-11	1.3E-10	3.8E-04	8.7E-04	4.7E-05	4.7E-05	2.2E-12	1.4E-11
PCBs											
Dichlorobiphenyl	8.7E-17	5.1E-18	7.1E-18	4.3E-18	1.2E-17	1.3E-09	3.1E-09	1.7E-10	1.7E-10	4.0E-16	2.5E-15
Heptachlorobiphenyl	3.3E-18	5.8E-19	8.1E-19	4.9E-19	1.4E-18	1.8E-11	4.2E-11	2.3E-12	2.3E-12	2.5E-17	1.5E-16
Hexachlorobiphenyl	1.3E-17	2.6E-18	3.6E-18	2.2E-18	6.2E-18	7.6E-11	1.8E-10	9.5E-12	9.5E-12	1.1E-16	6.9E-16
Monochlorobiphenyl	6.1E-16	3.5E-17	4.9E-17	3.0E-17	8.3E-17	9.2E-09	2.1E-08	1.2E-09	1.2E-09	2.8E-15	1.7E-14
Nonachlorobiphenyl	4.1E-19	1.0E-19	1.4E-19	8.6E-20	2.4E-19	2.6E-12	5.9E-12	3.2E-13	3.2E-13	4.4E-18	2.7E-17
Octachlorobiphenyl	9.7E-19	1.9E-19	2.6E-19	1.6E-19	4.4E-19	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.1E-18	5.0E-17
Pentachlorobiphenyl	4.4E-17	9.4E-18	1.3E-17	7.9E-18	2.2E-17	2.6E-10	6.0E-10	3.3E-11	3.3E-11	4.0E-16	2.5E-15
Tetrachlorobiphenyl	2.6E-17	1.9E-18	2.7E-18	1.6E-18	4.6E-18	4.3E-10	9.9E-10	5.4E-11	5.4E-11	1.5E-16	9.4E-16
Trichlorobiphenyl	3.4E-17	2.3E-18	3.2E-18	2.0E-18	5.5E-18	5.5E-10	1.3E-09	6.8E-11	6.8E-11	1.8E-16	1.1E-15

Table H-37 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				9.8E-08	3.9E-09					3.1E-06	1.9E-05
Dieldrin		3.8E-10		4.5E-10						2.2E-11	
SVOCs											
1,2,4-trichlorobenzene						3.9E-09	8.9E-09	4.8E-10	4.8E-10		
1,2-dichlorobenzene	3.9E-20					1.6E-09	3.6E-09	1.9E-10	1.9E-10		
1,3-dichlorobenzene	9.9E-20					2.3E-09	5.4E-09	2.9E-10	2.9E-10		
1,4-dichlorobenzene	1.3E-18					2.2E-08	5.0E-08	2.7E-09	2.7E-09		
2,4-Dimethylphenol	3.6E-17					3.4E-07	7.8E-07	4.2E-08	4.2E-08		
2-Chlorophenol	1.8E-18					6.8E-08	1.6E-07	8.5E-09	8.5E-09		
2-Methylphenol	7.5E-16					8.0E-07	1.8E-06	9.9E-08	9.9E-08		
2-Nitrophenol	4.6E-18					1.1E-07	2.5E-07	1.3E-08	1.3E-08		
3-Methylphenol & 4-Methylphenol				5.3E-14	1.5E-13	1.4E-06	3.3E-06	1.8E-07	1.8E-07	2.6E-15	1.6E-14
4-Nitrophenol	9.3E-18					1.8E-07	4.1E-07	2.2E-08	2.2E-08		
Acetophenone	5.6E-17					1.7E-06	3.9E-06	2.1E-07	2.1E-07		
Benzoic acid	2.3E-16					7.7E-06	1.8E-05	9.6E-07	9.6E-07		
Benzyl alcohol	1.4E-19					6.4E-08	1.5E-07	8.0E-09	8.0E-09		
bis(2-Ethylhexyl) phthalate	7.0E-15	9.6E-14	1.3E-13	1.1E-13	3.2E-13	2.7E-06	6.3E-06	3.4E-07	3.4E-07	5.5E-15	3.4E-14
Butyl benzyl phthalate	2.5E-15	4.6E-17	6.5E-17	5.5E-17	1.5E-16	8.5E-08	2.0E-07	1.1E-08	1.1E-08	2.7E-18	1.7E-17
Carbazole				2.0E-16	5.6E-16	2.4E-09	5.5E-09	3.0E-10	3.0E-10	9.8E-18	6.0E-17
Dibenzofuran		2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.4E-07	3.1E-07	1.7E-08	1.7E-08	3.5E-15	2.1E-14
Dimethyl phthalate	9.2E-19					4.8E-09	1.1E-08	5.9E-10	5.9E-10		
Di-n-butyl phthalate	2.4E-14	4.6E-17	6.5E-17	5.5E-17	1.5E-16	1.3E-07	3.0E-07	1.6E-08	1.6E-08	2.7E-18	1.7E-17
Di-n-octyl phthalate	1.8E-19	1.3E-16	1.9E-16	1.6E-16	4.4E-16	9.2E-09	2.1E-08	1.1E-09	1.1E-09	7.8E-18	4.8E-17

Table H-37 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	9.6E-17					6.3E-07	1.5E-06	7.9E-08	7.9E-08		
Isopropanol						8.5E-02					
Phenol	2.1E-15					4.3E-06	9.9E-06	5.4E-07	5.4E-07		
Pyridine	1.1E-16					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
TRS											
Total Reduced Sulfur						4.2E-06	9.6E-06	5.2E-07	5.2E-07		
VOCs											
1,1,1,2-Tetrachloroethane	3.8E-20					1.9E-09	4.5E-09	2.4E-10	2.4E-10		
1,1,1-Trichloroethane	2.5E-21					1.9E-09	4.4E-09	2.4E-10	2.4E-10		
1,1-Dichloroethene	8.5E-23					3.7E-10	8.6E-10	4.6E-11	4.6E-11		
1,2,3-Trichlorobenzene	2.7E-18					7.6E-09	1.8E-08	9.5E-10	9.5E-10		
1,2,3-Trichloropropane	1.5E-20					1.5E-09	3.6E-09	1.9E-10	1.9E-10		
1,2,4-Trimethylbenzene						8.9E-08	2.1E-07	1.1E-08	1.1E-08		
1,2-Dibromoethane	5.3E-21					9.9E-10	2.3E-09	1.2E-10	1.2E-10		
1,2-Dichloroethane	1.7E-19					3.3E-04	9.1E-08	1.4E-05	1.4E-05		
1,3,5-Trimethylbenzene	8.6E-19					8.4E-08	1.9E-07	1.0E-08	1.0E-08		
1,3-Dichloropropane						9.6E-10	2.2E-09	1.2E-10	1.2E-10		
2-Butanone	3.5E-17					4.7E-07	1.1E-06	5.9E-08	5.9E-08		
2-Chlorotoluene						2.1E-08	4.9E-08	2.6E-09	2.6E-09		
2-Hexanone						9.7E-08	2.2E-07	1.2E-08	1.2E-08		
Benzene	2.8E-17					1.2E-02	2.9E-05	1.4E-04	1.4E-04		
Bromobenzene						5.3E-07	1.2E-06	6.6E-08	6.6E-08		
Bromochloromethane						1.3E-09	2.9E-09	1.6E-10	1.6E-10		
Bromodichloromethane	4.5E-21					1.4E-09	3.1E-09	1.7E-10	1.7E-10		

Table H-37 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromomethane	1.9E-20					5.4E-08	1.3E-07	6.8E-09	6.8E-09		
Carbon disulfide	1.8E-20					4.8E-08	1.1E-07	6.0E-09	6.0E-09		
Carbon tetrachloride	1.9E-21					2.2E-03	7.2E-09	2.2E-04	2.2E-04		
Chlorobenzene	6.7E-19					6.9E-08	1.6E-07	8.6E-09	8.6E-09		
Chlorodibromomethane	2.6E-19					3.4E-08	7.8E-08	4.2E-09	4.2E-09		
Chloroethane	5.3E-20					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
Chloroform	4.0E-20					5.2E-04	6.5E-08	3.4E-05	3.4E-05		
Chloromethane	1.4E-19					4.4E-07	1.0E-06	5.5E-08	5.5E-08		
cis-1,2-Dichloroethene	5.4E-20					5.7E-08	1.3E-07	7.1E-09	7.1E-09		
cis-1,3-Dichloropropene						3.5E-10	8.0E-10	4.3E-11	4.3E-11		
Dibromomethane	6.0E-21					2.9E-09	6.7E-09	3.6E-10	3.6E-10		
Dichlorodifluoromethane	6.7E-23					3.6E-09	8.2E-09	4.4E-10	4.4E-10		
Ethylbenzene	2.1E-17					3.1E-03	6.5E-06	3.5E-07	3.5E-07		
Isopropylbenzene	2.8E-20					2.3E-07	5.2E-07	2.8E-08	2.8E-08		
m&p-Xylene	3.4E-18					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Methyl Isobutyl Ketone (4-methyl-2-per	3.4E-20					5.1E-09	1.2E-08	6.4E-10	6.4E-10		
Methylene chloride	3.7E-19					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
n-Butylbenzene						1.1E-07	2.6E-07	1.4E-08	1.4E-08		
n-Propylbenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08		
o-Xylene	4.0E-18					3.3E-07	7.6E-07	4.1E-08	4.1E-08		
p-Chlorotoluene						7.9E-09	1.8E-08	9.9E-10	9.9E-10		
p-Isopropyltoluene						5.5E-08	1.3E-07	6.9E-09	6.9E-09		
sec-Butylbenzene						2.0E-08	4.7E-08	2.5E-09	2.5E-09		
Styrene	1.3E-16					7.3E-06	1.7E-05	9.1E-07	9.1E-07		

Table H-37 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						6.5E-07	1.5E-06	8.2E-08	8.2E-08		
Tetrachloroethene	9.4E-21					1.7E-09	4.0E-09	2.2E-10	2.2E-10		
Toluene	2.2E-17					4.5E-06	1.0E-05	5.6E-07	5.6E-07		
trans-1,2-Dichloroethene	8.4E-19					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
trans-1,3-Dichloropropene						6.0E-10	1.4E-09	7.5E-11	7.5E-11		
Trichloroethene	9.7E-23					7.2E-05	2.4E-10	1.3E-11	1.3E-11		
Trichlorofluoromethane	1.5E-22					1.2E-09	2.9E-09	1.6E-10	1.6E-10		
Vinyl chloride	6.9E-21					7.1E-08	1.6E-07	8.8E-09	8.8E-09		

Table H-38 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					4.8E-03	2.7E-02	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19

Table H-38 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.2E-02	1.9E-02					5.7E-07	2.1E-06
Antimony	1.6E-17			7.7E-07	1.7E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	3.8E-11	1.8E-11
Arsenic	8.1E-16	2.7E-06	1.8E-07	6.4E-06	8.6E-07	5.9E-10	1.4E-09	7.4E-11	7.4E-11	5.2E-10	1.6E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				3.3E-05	6.4E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.6E-09	6.9E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				2.7E-02	4.3E-02					1.3E-06	4.7E-06
Lead	6.9E-18			1.1E-04	1.4E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.5E-09	1.6E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				2.7E-08	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	5.2E-08	3.2E-07
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19

Table H-38 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	1.3E-03	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.7E-08	1.4E-07
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Thallium (Soluble Salts)				8.1E-08						4.0E-12	
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	1.6E-07	2.8E-12	1.5E-07	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	2.3E-09	1.4E-08
Benzo(a)pyrene	3.1E-12	1.7E-07	1.3E-07	1.5E-07	2.4E-07	1.2E-09	2.7E-09	1.5E-10	1.5E-10	7.6E-12	2.6E-11
Benzo(b)fluoranthene	8.3E-13	3.0E-07	1.2E-07	2.7E-07	2.2E-07	1.3E-09	3.0E-09	1.6E-10	1.6E-10	1.3E-11	2.3E-11
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	1.2E-07	9.7E-14	1.1E-07	1.8E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	5.5E-12	1.9E-17

Table H-38 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.4E-07	3.8E-12	2.1E-07	6.9E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.0E-11	7.4E-16
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	4.7E-13	3.1E-13	8.6E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	1.5E-17	9.3E-17
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	9.4E-08	1.3E-12	8.6E-08	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	4.2E-12	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16

Table H-38 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				6.8E-06	2.8E-07					2.2E-07	1.3E-06
Dieldrin		2.7E-08		3.2E-08						1.6E-12	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18

Table H-38 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						5.9E-03					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.3E-05	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.2E-04	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		

Table H-38 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.6E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					3.7E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					2.1E-04	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		

Table H-38 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Derma Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09				
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11				
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08				
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08				
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12				
Trichloroethene	6.8E-21					5.0E-06	1.7E-11	9.1E-13	9.1E-13				
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11				
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10				

Table H-39 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						1.2E-05	4.3E-04	1.5E-06	1.4E-04		
Aldehydes											
Acetaldehyde	1.3E-15					2.1E-05	7.4E-04	2.6E-06	2.5E-04		
Formaldehyde	6.5E-15					6.8E-02	2.9E-04	1.1E-06	9.7E-05		
Propionaldehyde				3.2E-17	1.0E-15	2.3E-06	8.2E-05	2.8E-07	2.7E-05	2.4E-13	1.7E-11
CO											
Carbon monoxide						6.4E-04	2.4E-02	8.0E-05	7.9E-03		
CO2											
Carbon dioxide						2.0E-05	7.2E-04	2.5E-06	2.4E-04		
Criteria											
Sulfur Dioxide						5.4E-06	1.7E-04	6.8E-07	5.8E-05		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-20	1.1E-17	2.0E-16	4.2E-17	1.6E-15	1.2E-11	4.8E-10	1.5E-12	1.6E-10	2.1E-18	1.7E-16
1,2,3,4,6,7,8-HpCDF	1.3E-20	1.1E-17	2.0E-16	4.3E-17	1.6E-15	1.2E-11	4.9E-10	1.5E-12	1.6E-10	2.1E-18	1.7E-16
1,2,3,4,7,8,9-HpCDF	2.1E-21	1.2E-18	2.4E-17	4.9E-18	1.9E-16	1.6E-12	6.3E-11	1.9E-13	2.1E-11	2.4E-19	2.1E-17
1,2,3,4,7,8-HxCDD	1.6E-20	1.2E-18	2.4E-17	4.8E-18	1.9E-16	1.5E-12	5.9E-11	1.8E-13	2.0E-11	2.4E-19	2.0E-17
1,2,3,4,7,8-HxCDF	1.1E-19	9.7E-18	1.9E-16	3.8E-17	1.5E-15	1.2E-11	4.8E-10	1.5E-12	1.6E-10	1.9E-18	1.6E-16
1,2,3,6,7,8-HxCDD	3.1E-20	2.5E-18	4.8E-17	9.8E-18	3.8E-16	3.1E-12	1.2E-10	3.8E-13	4.1E-11	4.8E-19	4.1E-17
1,2,3,6,7,8-HxCDF	4.0E-20	3.2E-18	6.2E-17	1.2E-17	4.9E-16	3.8E-12	1.6E-10	4.8E-13	5.2E-11	6.1E-19	5.3E-17
1,2,3,7,8,9-HxCDD	4.3E-20	3.9E-18	7.6E-17	1.5E-17	6.0E-16	4.6E-12	1.9E-10	5.8E-13	6.3E-11	7.6E-19	6.4E-17
1,2,3,7,8,9-HxCDF	3.4E-21	2.3E-19	4.4E-18	8.9E-19	3.5E-17	2.9E-13	1.2E-11	3.7E-14	4.0E-12	4.4E-20	3.8E-18
1,2,3,7,8-PeCDD	9.8E-20	1.4E-18	2.7E-17	5.4E-18	2.1E-16	1.8E-12	7.5E-11	2.3E-13	2.5E-11	2.7E-19	2.3E-17
1,2,3,7,8-PeCDF	1.4E-19	1.6E-18	3.2E-17	6.4E-18	2.5E-16	2.6E-12	1.1E-10	3.3E-13	3.6E-11	3.1E-19	2.7E-17

Table H-39 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.8E-20	5.0E-18	9.3E-17	2.0E-17	7.4E-16	5.9E-12	2.4E-10	7.4E-13	7.9E-11	9.6E-19	7.9E-17
2,3,4,7,8-PeCDF	2.1E-19	3.9E-18	7.6E-17	1.5E-17	6.0E-16	5.9E-12	2.4E-10	7.4E-13	8.0E-11	7.5E-19	6.5E-17
2,3,7,8-TCDD	3.4E-20	2.8E-19	4.1E-18	1.1E-18	3.2E-17	7.4E-13	2.5E-11	9.3E-14	8.3E-12	3.8E-17	2.4E-15
2,3,7,8-TCDF	1.1E-19	5.1E-19	1.0E-17	2.0E-18	8.1E-17	2.7E-12	1.1E-10	3.4E-13	3.7E-11	9.9E-20	8.7E-18
OCDD	1.7E-22	7.3E-18	1.3E-16	2.9E-17	1.1E-15	8.0E-12	3.2E-10	1.0E-12	1.1E-10	1.4E-18	1.1E-16
OCDF	6.5E-23	2.8E-18	5.0E-17	1.1E-17	4.0E-16	3.0E-12	1.2E-10	3.8E-13	3.9E-11	5.4E-19	4.3E-17
HCN											
Hydrogen cyanide						2.3E-06	8.8E-05	2.8E-07	2.9E-05		
Metals											
Aluminum				1.7E-04						8.1E-06	
Antimony	2.2E-19			1.1E-08		1.5E-07	3.7E-06	1.9E-08	1.2E-06	5.4E-10	
Arsenic	1.2E-17	3.9E-08	6.9E-19	9.2E-08	3.3E-18	8.5E-09	3.0E-07	1.1E-09	1.0E-07	7.5E-09	5.9E-19
Barium	2.6E-14			2.5E-11	8.8E-10	1.8E-06	4.8E-05	2.2E-07	1.6E-05	1.2E-12	9.5E-11
Beryllium	4.7E-19			1.5E-17	5.6E-16	6.1E-10	2.1E-08	7.7E-11	6.9E-09	7.3E-19	6.1E-17
Cadmium	1.2E-16			1.2E-17	4.5E-16	1.1E-08	3.8E-07	1.4E-09	1.3E-07	5.7E-19	4.8E-17
Chromium	3.1E-17			7.6E-13	3.0E-11	9.2E-08	3.3E-06	1.2E-08	1.1E-06	3.7E-14	3.2E-12
Cobalt				4.6E-07	8.0E-11	1.4E-07	2.6E-06	1.8E-08	8.5E-07	2.3E-08	8.7E-12
Copper				2.8E-12	1.1E-10	2.5E-07	8.7E-06	3.2E-08	2.9E-06	1.4E-13	1.1E-11
Iron				3.9E-04						1.9E-05	
Lead	9.9E-20			1.6E-06	5.5E-14	8.5E-08	2.8E-06	1.1E-08	9.3E-07	7.8E-08	5.9E-15
Manganese				1.1E-14	4.3E-13	7.8E-08	2.7E-06	9.7E-09	9.0E-07	5.6E-16	4.7E-14
Mercury (+2)				2.4E-16	7.6E-15	3.4E-10	1.2E-08	4.2E-11	4.0E-09	1.2E-17	8.1E-16
Mercury, elemental				3.9E-10		1.4E-12	4.9E-11	1.8E-13	1.6E-11	7.4E-07	
Methyl Mercury	9.3E-17			1.5E-17	5.6E-16					7.1E-19	6.1E-17

Table H-39 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	4.7E-17			8.0E-06	2.2E-15	5.0E-08	1.7E-06	6.2E-09	5.7E-07	3.9E-07	2.4E-16
Phosphorus				1.1E-16	4.0E-15	3.8E-07	1.2E-05	4.7E-08	4.1E-06	1.0E-12	8.4E-11
Selenium	3.9E-18			5.8E-19	2.2E-17	2.5E-09	8.7E-08	3.1E-10	2.9E-08	2.8E-20	2.4E-18
Silver	2.7E-18			9.3E-15	3.4E-13	1.6E-09	5.3E-08	2.0E-10	1.8E-08	4.5E-16	3.7E-14
Thallium (Soluble Salts)				1.2E-09						5.7E-11	
Titanium				1.1E-16	4.6E-15	8.7E-10	3.3E-08	1.1E-10	1.1E-08	5.6E-18	5.0E-16
Zinc	5.8E-14			2.6E-15	9.3E-14	2.0E-06	5.6E-05	2.4E-07	1.9E-05	1.3E-16	1.0E-14
NOx											
NOx (Oxides of Nitrogen)						2.2E-05	7.5E-04	2.8E-06	2.5E-04		
PAHs											
1-Methylnaphthalene		3.4E-18	6.9E-17	3.1E-18	1.3E-16	4.7E-07	2.0E-05	5.9E-08	6.5E-06	3.5E-15	3.2E-13
1-Methylphenanthrene				2.1E-15	8.6E-14	5.6E-08	2.4E-06	7.0E-09	7.9E-07	1.0E-16	9.2E-15
2,3,5-Trimethylnaphthalene				9.7E-16	4.2E-14	2.8E-08	1.2E-06	3.5E-09	4.0E-07	4.7E-17	4.6E-15
2,6-Dimethylnaphthalene				2.6E-15	1.1E-13	7.4E-08	3.1E-06	9.2E-09	1.0E-06	1.3E-16	1.2E-14
2-Methylnaphthalene		3.3E-18	6.7E-17	3.0E-18	1.2E-16	4.6E-07	1.9E-05	5.7E-08	6.3E-06	3.4E-15	3.1E-13
Acenaphthylene				8.5E-15	3.6E-13	2.7E-07	1.1E-05	3.4E-08	3.8E-06	4.2E-16	3.9E-14
Acenaphthene	4.8E-17					4.9E-08	2.1E-06	6.2E-09	6.9E-07		
Anthracene	6.1E-16					8.7E-08	3.7E-06	1.1E-08	1.2E-06		
Benzo(a)anthracene	8.8E-14	2.4E-09	5.2E-13	2.1E-09	9.5E-13	4.3E-08	1.8E-06	5.3E-09	6.2E-07	3.2E-08	3.2E-11
Benzo(a)pyrene	4.4E-14	2.4E-09	2.3E-13	2.2E-09	4.1E-13	1.7E-08	7.0E-07	2.1E-09	2.3E-07	1.1E-10	4.5E-14
Benzo(b)fluoranthene	1.2E-14	4.3E-09	1.2E-14	3.9E-09	2.2E-14	1.9E-08	7.6E-07	2.3E-09	2.5E-07	1.9E-10	2.4E-15
Benzo(e)pyrene				4.9E-16	1.9E-14	1.4E-08	5.8E-07	1.8E-09	1.9E-07	2.4E-17	2.1E-15
Benzo(g,h,i)perylene				3.6E-16	1.5E-14	1.1E-08	4.5E-07	1.4E-09	1.5E-07	1.8E-17	1.6E-15
Benzo(k)fluoranthene	8.8E-17	1.7E-09	6.0E-15	1.6E-09	1.1E-14	1.7E-10	3.0E-09	2.1E-11	9.9E-10	7.8E-11	1.2E-15

Table H-39 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				4.8E-17	2.0E-15	1.6E-06	6.7E-05	2.0E-07	2.2E-05	2.8E-14	2.6E-12
Chrysene	1.5E-14	3.4E-09	6.0E-13	3.1E-09	1.1E-12	7.3E-08	3.0E-06	9.1E-09	1.0E-06	1.5E-10	1.2E-13
Dibenze(a,h)anthracene	2.1E-15	3.8E-15	7.5E-14	3.4E-15	1.4E-13	2.7E-09	1.1E-07	3.3E-10	3.6E-08	1.7E-16	1.5E-14
Fluoranthene	4.0E-15	8.6E-16	1.7E-14	7.8E-16	3.2E-14	1.1E-07	4.4E-06	1.3E-08	1.5E-06	3.8E-17	3.4E-15
Fluorene	8.7E-16					2.7E-07	1.1E-05	3.3E-08	3.8E-06		
Indeno(1,2,3-cd)pyrene	5.4E-15	1.3E-09	2.2E-13	1.2E-09	3.9E-13	8.8E-09	3.6E-07	1.1E-09	1.2E-07	6.0E-11	4.2E-14
Napthalene	4.0E-16					2.1E-06	8.8E-05	2.7E-07	2.9E-05		
Perylene				1.9E-16	8.8E-15	6.6E-09	2.9E-07	8.2E-10	9.7E-08	9.2E-18	9.4E-16
Phenanthrene	4.2E-15					5.0E-07	2.1E-05	6.3E-08	6.9E-06		
Pyrene	2.9E-15	2.4E-15	4.9E-14	2.2E-15	8.8E-14	1.0E-07	4.3E-06	1.3E-08	1.4E-06	6.0E-14	5.5E-12
Particulate											
Particulate Total Suspended Particulate				4.3E-11	1.7E-09	3.3E-04	1.3E-02	4.2E-05	4.3E-03	2.1E-12	1.9E-10
PM<10				5.5E-11	2.3E-09	4.4E-04	1.7E-02	5.5E-05	5.8E-03	2.7E-12	2.4E-10
PM<2.5				4.5E-11	1.9E-09	3.8E-04	1.5E-02	4.7E-05	5.0E-03	2.2E-12	2.1E-10
PCBs											
Dichlorobiphenyl	8.7E-17	5.1E-18	1.0E-16	4.3E-18	1.7E-16	1.3E-09	5.4E-08	1.7E-10	1.8E-08	4.0E-16	3.5E-14
Heptachlorobiphenyl	3.3E-18	5.8E-19	1.1E-17	4.9E-19	1.9E-17	1.8E-11	7.3E-10	2.3E-12	2.4E-10	2.5E-17	2.1E-15
Hexachlorobiphenyl	1.3E-17	2.6E-18	4.7E-17	2.2E-18	7.9E-17	7.6E-11	3.0E-09	9.5E-12	9.9E-10	1.1E-16	8.9E-15
Monochlorobiphenyl	6.1E-16	3.5E-17	7.0E-16	3.0E-17	1.2E-15	9.2E-09	3.8E-07	1.2E-09	1.3E-07	2.8E-15	2.4E-13
Nonachlorobiphenyl	4.1E-19	1.0E-19	1.6E-18	8.6E-20	2.7E-18	2.6E-12	9.1E-11	3.2E-13	3.0E-11	4.4E-18	3.0E-16
Octachlorobiphenyl	9.7E-19	1.9E-19	3.4E-18	1.6E-19	5.8E-18	5.5E-12	2.2E-10	6.9E-13	7.2E-11	8.1E-18	6.5E-16
Pentachlorobiphenyl	4.4E-17	9.4E-18	1.6E-16	7.9E-18	2.7E-16	2.6E-10	9.9E-09	3.3E-11	3.3E-09	4.0E-16	3.0E-14
Tetrachlorobiphenyl	2.6E-17	1.9E-18	3.3E-17	1.6E-18	5.5E-17	4.3E-10	1.6E-08	5.4E-11	5.4E-09	1.5E-16	1.1E-14
Trichlorobiphenyl	3.4E-17	2.3E-18	4.1E-17	2.0E-18	7.0E-17	5.5E-10	2.1E-08	6.8E-11	7.0E-09	1.8E-16	1.4E-14

Table H-39 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				9.8E-08						3.1E-06	
Dieldrin		3.8E-10		4.5E-10						2.2E-11	
SVOCs											
1,2,4-trichlorobenzene						3.9E-09	1.2E-07	4.8E-10	4.1E-08		
1,2-dichlorobenzene	3.9E-20					1.6E-09	2.8E-08	1.9E-10	9.2E-09		
1,3-dichlorobenzene	9.9E-20					2.3E-09	7.9E-08	2.9E-10	2.6E-08		
1,4-dichlorobenzene	1.3E-18					2.2E-08	9.7E-07	2.7E-09	3.2E-07		
2,4-Dimethylphenol	3.6E-17					3.4E-07	1.4E-05	4.2E-08	4.5E-06		
2-Chlorophenol	1.8E-18					6.8E-08	2.9E-06	8.5E-09	9.8E-07		
2-Methylphenol	7.5E-16					8.0E-07	3.3E-05	9.9E-08	1.1E-05		
2-Nitrophenol	4.6E-18					1.1E-07	4.5E-06	1.3E-08	1.5E-06		
3-Methylphenol & 4-Methylphenol				5.3E-14	2.2E-12	1.4E-06	6.0E-05	1.8E-07	2.0E-05	2.6E-15	2.4E-13
4-Nitrophenol	9.3E-18					1.8E-07	6.9E-06	2.2E-08	2.3E-06		
Acetophenone	5.6E-17					1.7E-06	7.0E-05	2.1E-07	2.3E-05		
Benzoic acid	2.3E-16					7.7E-06	3.2E-04	9.6E-07	1.1E-04		
Benzyl alcohol	1.4E-19					6.4E-08	1.9E-06	8.0E-09	6.5E-07		
bis(2-Ethylhexyl) phthalate	7.0E-15	9.6E-14	1.7E-12	1.1E-13	4.1E-12	2.7E-06	1.1E-04	3.4E-07	3.5E-05	5.5E-15	4.4E-13
Butyl benzyl phthalate	2.5E-15	4.6E-17	9.5E-16	5.5E-17	2.2E-15	8.5E-08	3.5E-06	1.1E-08	1.2E-06	2.7E-18	2.4E-16
Carbazole				2.0E-16	3.7E-15	2.4E-09	4.3E-08	3.0E-10	1.4E-08	9.8E-18	4.0E-16
Dibenzofuran		2.1E-18	4.1E-17	8.1E-18	3.2E-16	1.4E-07	5.6E-06	1.7E-08	1.9E-06	3.5E-15	3.0E-13
Dimethyl phthalate	9.2E-19					4.8E-09	8.5E-08	5.9E-10	2.8E-08		
Di-n-butyl phthalate	2.4E-14	4.6E-17	9.5E-16	5.5E-17	2.3E-15	1.3E-07	5.4E-06	1.6E-08	1.8E-06	2.7E-18	2.4E-16
Di-n-octyl phthalate	1.8E-19	1.3E-16	1.2E-15	1.6E-16	2.9E-15	9.2E-09	1.6E-07	1.1E-09	5.5E-08	7.8E-18	3.2E-16

Table H-39 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	9.6E-17					6.3E-07	1.1E-05	7.9E-08	3.8E-06		
Isopropanol						8.5E-02					
Phenol	2.1E-15					4.3E-06	1.8E-04	5.4E-07	5.9E-05		
Pyridine	1.1E-16					4.1E-07	1.7E-05	5.1E-08	5.7E-06		
TRS											
Total Reduced Sulfur						4.2E-06	1.8E-04	5.2E-07	6.0E-05		
VOCs											
1,1,1,2-Tetrachloroethane	3.8E-20					1.9E-09	6.5E-08	2.4E-10	2.2E-08		
1,1,1-Trichloroethane	2.5E-21					1.9E-09	7.1E-08	2.4E-10	2.4E-08		
1,1-Dichloroethene	8.5E-23					3.7E-10	6.6E-09	4.6E-11	2.2E-09		
1,2,3-Trichlorobenzene	2.7E-18					7.6E-09	2.8E-07	9.5E-10	9.4E-08		
1,2,3-Trichloropropane	1.5E-20					1.5E-09	2.8E-08	1.9E-10	9.2E-09		
1,2,4-Trimethylbenzene						8.9E-08	2.8E-06	1.1E-08	9.4E-07		
1,2-Dibromoethane	5.3E-21					9.9E-10	1.8E-08	1.2E-10	5.9E-09		
1,2-Dichloroethane	1.7E-19					3.3E-04	1.5E-06	1.4E-05	5.0E-07		
1,3,5-Trimethylbenzene	8.6E-19					8.4E-08	2.5E-06	1.0E-08	8.3E-07		
1,3-Dichloropropane						9.6E-10	1.7E-08	1.2E-10	5.7E-09		
2-Butanone	3.5E-17					4.7E-07	1.9E-05	5.9E-08	6.2E-06		
2-Chlorotoluene						2.1E-08	8.7E-07	2.6E-09	2.9E-07		
2-Hexanone						9.7E-08	3.5E-06	1.2E-08	1.2E-06		
Benzene	2.8E-17					1.2E-02	4.9E-04	1.4E-04	1.6E-04		
Bromobenzene						5.3E-07	9.5E-06	6.6E-08	3.2E-06		
Bromochloromethane						1.3E-09	2.2E-08	1.6E-10	7.5E-09		
Bromodichloromethane	4.5E-21					1.4E-09	2.4E-08	1.7E-10	8.1E-09		

Table H-39 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Bromomethane	1.9E-20					5.4E-08	1.6E-06	6.8E-09	5.5E-07		
Carbon disulfide	1.8E-20					4.8E-08	1.4E-06	6.0E-09	4.7E-07		
Carbon tetrachloride	1.9E-21					2.2E-03	5.6E-08	2.2E-04	1.9E-08		
Chlorobenzene	6.7E-19					6.9E-08	2.5E-06	8.6E-09	8.2E-07		
Chlorodibromomethane	2.6E-19					3.4E-08	6.0E-07	4.2E-09	2.0E-07		
Chloroethane	5.3E-20					1.3E-07	4.5E-06	1.6E-08	1.5E-06		
Chloroform	4.0E-20					5.2E-04	5.5E-07	3.4E-05	1.8E-07		
Chloromethane	1.4E-19					4.4E-07	1.3E-05	5.5E-08	4.5E-06		
cis-1,2-Dichloroethene	5.4E-20					5.7E-08	1.0E-06	7.1E-09	3.4E-07		
cis-1,3-Dichloropropene						3.5E-10	6.2E-09	4.3E-11	2.1E-09		
Dibromomethane	6.0E-21					2.9E-09	5.2E-08	3.6E-10	1.7E-08		
Dichlorodifluoromethane	6.7E-23					3.6E-09	6.3E-08	4.4E-10	2.1E-08		
Ethylbenzene	2.1E-17					3.1E-03	1.1E-04	3.5E-07	3.5E-05		
Isopropylbenzene	2.8E-20					2.3E-07	7.7E-06	2.8E-08	2.6E-06		
m&p-Xylene	3.4E-18					5.2E-07	1.8E-05	6.5E-08	5.9E-06		
Methyl Isobutyl Ketone (4-methyl-2-per	3.4E-20					5.1E-09	9.1E-08	6.4E-10	3.0E-08		
Methylene chloride	3.7E-19					2.6E-07	9.5E-06	3.2E-08	3.2E-06		
n-Butylbenzene						1.1E-07	3.3E-06	1.4E-08	1.1E-06		
n-Propylbenzene						1.3E-07	4.4E-06	1.7E-08	1.5E-06		
o-Xylene	4.0E-18					3.3E-07	1.1E-05	4.1E-08	3.6E-06		
p-Chlorotoluene						7.9E-09	2.4E-07	9.9E-10	8.0E-08		
p-Isopropyltoluene						5.5E-08	1.3E-06	6.9E-09	4.4E-07		
sec-Butylbenzene						2.0E-08	6.2E-07	2.5E-09	2.1E-07		
Styrene	1.3E-16					7.3E-06	2.7E-04	9.1E-07	8.9E-05		

Table H-39 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						6.5E-07	1.2E-05	8.2E-08	3.9E-06		
Tetrachloroethene	9.4E-21					1.7E-09	6.0E-08	2.2E-10	2.0E-08		
Toluene	2.2E-17					4.5E-06	1.8E-04	5.6E-07	5.9E-05		
trans-1,2-Dichloroethene	8.4E-19					1.2E-06	2.2E-05	1.5E-07	7.2E-06		
trans-1,3-Dichloropropene						6.0E-10	1.1E-08	7.5E-11	3.6E-09		
Trichloroethene	9.7E-23					7.2E-05	1.9E-09	1.3E-11	6.2E-10		
Trichlorofluoromethane	1.5E-22					1.2E-09	2.2E-08	1.6E-10	7.4E-09		
Vinyl chloride	6.9E-21					7.1E-08	1.7E-06	8.8E-09	5.7E-07		

Table H-40 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	3.0E-05	1.0E-07	9.9E-06		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	5.2E-05	1.8E-07	1.7E-05		
Formaldehyde	4.5E-13					4.8E-03	2.0E-05	7.7E-08	6.8E-06		
Propionaldehyde				2.2E-15	7.2E-14	1.6E-07	5.8E-06	2.0E-08	1.9E-06	1.7E-14	1.2E-12
CO											
Carbon monoxide						4.5E-05	1.7E-03	5.6E-06	5.6E-04		
CO2											
Carbon dioxide						1.4E-06	5.0E-05	1.8E-07	1.7E-05		
Criteria											
Sulfur Dioxide						3.8E-07	1.2E-05	4.7E-08	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	2.6E-14	5.5E-15	2.1E-13	8.5E-13	3.4E-11	1.1E-13	1.1E-11	2.7E-19	2.2E-17
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.6E-14	5.5E-15	2.1E-13	8.6E-13	3.4E-11	1.1E-13	1.1E-11	2.7E-19	2.2E-17
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	3.1E-15	6.4E-16	2.5E-14	1.1E-13	4.4E-12	1.4E-14	1.5E-12	3.1E-20	2.7E-18
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	3.0E-15	6.2E-16	2.4E-14	1.0E-13	4.1E-12	1.3E-14	1.4E-12	3.1E-20	2.6E-18
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	2.4E-14	4.9E-15	1.9E-13	8.3E-13	3.3E-11	1.0E-13	1.1E-11	2.4E-19	2.1E-17
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	6.2E-15	1.3E-15	4.9E-14	2.1E-13	8.7E-12	2.7E-14	2.9E-12	6.2E-20	5.3E-18
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	8.0E-15	1.6E-15	6.3E-14	2.7E-13	1.1E-11	3.4E-14	3.6E-12	7.9E-20	6.8E-18
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	9.8E-15	2.0E-15	7.7E-14	3.2E-13	1.3E-11	4.1E-14	4.4E-12	9.8E-20	8.3E-18
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	5.8E-16	1.2E-16	4.5E-15	2.1E-14	8.4E-13	2.6E-15	2.8E-13	5.7E-21	4.9E-19
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	3.5E-15	7.0E-16	2.8E-14	1.3E-13	5.3E-12	1.6E-14	1.8E-12	3.5E-20	3.0E-18
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	4.1E-15	8.3E-16	3.3E-14	1.8E-13	7.5E-12	2.3E-14	2.5E-12	4.0E-20	3.5E-18

Table H-40 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	1.2E-14	2.5E-15	9.5E-14	4.2E-13	1.7E-11	5.2E-14	5.6E-12	1.2E-19	1.0E-17
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	9.9E-15	2.0E-15	7.8E-14	4.1E-13	1.7E-11	5.2E-14	5.6E-12	9.7E-20	8.4E-18
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.2E-16	1.4E-16	4.1E-15	5.2E-14	1.7E-12	6.5E-15	5.8E-13	4.9E-18	3.1E-16
2,3,7,8-TCDF	8.0E-18	6.6E-17	1.3E-15	2.6E-16	1.0E-14	1.9E-13	7.8E-12	2.4E-14	2.6E-12	1.3E-20	1.1E-18
OCDD	1.8E-20	9.4E-16	1.7E-14	3.7E-15	1.4E-13	5.6E-13	2.2E-11	7.0E-14	7.4E-12	1.8E-19	1.5E-17
OCDF	6.7E-21	3.6E-16	6.5E-15	1.4E-15	5.1E-14	2.1E-13	8.2E-12	2.6E-14	2.7E-12	7.0E-20	5.5E-18
HCN											
Hydrogen cyanide						1.6E-07	6.2E-06	2.0E-08	2.1E-06		
Metals											
Aluminum				1.2E-02						5.7E-07	
Antimony	1.6E-17			7.7E-07		1.0E-08	2.6E-07	1.3E-09	8.6E-08	3.8E-11	
Arsenic	8.1E-16	2.7E-06	4.8E-17	6.4E-06	2.3E-16	5.9E-10	2.1E-08	7.4E-11	7.0E-09	5.2E-10	4.1E-20
Barium	2.3E-12			3.1E-09	1.1E-07	1.3E-07	3.4E-06	1.6E-08	1.1E-06	1.5E-13	1.2E-11
Beryllium	3.3E-17			1.0E-15	3.9E-14	4.3E-11	1.5E-09	5.4E-12	4.8E-10	5.1E-20	4.3E-18
Cadmium	8.3E-15			8.2E-16	3.1E-14	7.6E-10	2.6E-08	9.5E-11	8.8E-09	4.0E-20	3.4E-18
Chromium	2.6E-15			8.3E-11	3.2E-09	6.5E-09	2.3E-07	8.1E-10	7.7E-08	4.1E-15	3.5E-13
Cobalt				3.3E-05	1.0E-08	9.8E-09	1.8E-07	1.2E-09	6.0E-08	1.6E-09	1.1E-12
Copper				3.4E-10	1.3E-08	1.8E-08	6.1E-07	2.2E-09	2.0E-07	1.6E-14	1.4E-12
Iron				2.7E-02						1.3E-06	
Lead	6.9E-18			1.1E-04	3.8E-12	6.0E-09	2.0E-07	7.5E-10	6.5E-08	5.5E-09	4.1E-16
Manganese				8.0E-13	3.1E-11	5.5E-09	1.9E-07	6.8E-10	6.3E-08	3.9E-17	3.3E-15
Mercury (+2)				3.4E-14	1.1E-12	2.4E-11	8.3E-10	2.9E-12	2.8E-10	1.7E-18	1.1E-16
Mercury, elemental				2.7E-08		9.8E-14	3.5E-12	1.2E-14	1.2E-12	5.2E-08	
Methyl Mercury	8.7E-15			2.0E-15	7.9E-14					1.0E-19	8.5E-18

Table H-40 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	1.6E-13	3.5E-09	1.2E-07	4.3E-10	4.0E-08	2.7E-08	1.7E-17
Phosphorus				7.5E-15	2.8E-13	2.6E-08	8.6E-07	3.3E-09	2.9E-07	7.2E-14	5.9E-12
Selenium	2.8E-16			4.0E-17	1.6E-15	1.7E-10	6.1E-09	2.2E-11	2.0E-09	2.0E-21	1.7E-19
Silver	2.1E-16			8.4E-13	3.1E-11	1.1E-10	3.7E-09	1.4E-11	1.2E-09	4.1E-17	3.4E-15
Thallium (Soluble Salts)				8.1E-08						4.0E-12	
Titanium				8.0E-15	3.2E-13	6.1E-11	2.3E-09	7.6E-12	7.6E-10	3.9E-19	3.5E-17
Zinc	4.1E-12			1.8E-13	6.5E-12	1.4E-07	3.9E-06	1.7E-08	1.3E-06	9.0E-18	7.0E-16
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	5.2E-05	2.0E-07	1.7E-05		
PAHs											
1-Methylnaphthalene		2.4E-16	4.9E-15	2.2E-16	8.9E-15	3.3E-08	1.4E-06	4.1E-09	4.6E-07	2.5E-16	2.2E-14
1-Methylphenanthrene				1.5E-13	6.0E-12	3.9E-09	1.7E-07	4.9E-10	5.5E-08	7.1E-18	6.5E-16
2,3,5-Trimethylnaphthalene				6.8E-14	3.0E-12	1.9E-09	8.4E-08	2.4E-10	2.8E-08	3.3E-18	3.2E-16
2,6-Dimethylnaphthalene				1.9E-13	7.9E-12	5.1E-09	2.2E-07	6.4E-10	7.3E-08	9.1E-18	8.5E-16
2-Methylnaphthalene		2.3E-16	4.7E-15	2.1E-16	8.6E-15	3.2E-08	1.3E-06	4.0E-09	4.4E-07	2.4E-16	2.2E-14
Acenaphthylene				6.0E-13	2.5E-11	1.9E-08	8.0E-07	2.4E-09	2.7E-07	2.9E-17	2.7E-15
Acenaphthene	3.4E-15					3.5E-09	1.4E-07	4.3E-10	4.8E-08		
Anthracene	4.3E-14					6.1E-09	2.6E-07	7.6E-10	8.6E-08		
Benzo(a)anthracene	6.2E-12	1.6E-07	4.4E-11	1.5E-07	8.0E-11	3.0E-09	1.3E-07	3.7E-10	4.3E-08	2.3E-09	2.7E-12
Benzo(a)pyrene	3.1E-12	1.7E-07	1.8E-11	1.5E-07	3.3E-11	1.2E-09	4.9E-08	1.5E-10	1.6E-08	7.6E-12	3.6E-15
Benzo(b)fluoranthene	8.3E-13	3.0E-07	1.0E-12	2.7E-07	1.8E-12	1.3E-09	5.3E-08	1.6E-10	1.8E-08	1.3E-11	2.0E-16
Benzo(e)pyrene				3.4E-14	1.3E-12	1.0E-09	4.1E-08	1.3E-10	1.4E-08	1.7E-18	1.4E-16
Benzo(g,h,i)perylene				2.5E-14	1.0E-12	7.7E-10	3.2E-08	9.6E-11	1.1E-08	1.2E-18	1.1E-16
Benzo(k)fluoranthene	7.4E-15	1.2E-07	6.4E-13	1.1E-07	1.2E-12	1.2E-11	2.1E-10	1.5E-12	6.9E-11	5.5E-12	1.3E-16

Table H-40 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	1.4E-13	1.1E-07	4.7E-06	1.4E-08	1.6E-06	2.0E-15	1.8E-13
Chrysene	1.1E-12	2.4E-07	5.5E-11	2.1E-07	9.9E-11	5.1E-09	2.1E-07	6.4E-10	7.1E-08	1.0E-11	1.1E-14
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	6.7E-12	3.1E-13	1.2E-11	1.9E-10	7.6E-09	2.3E-11	2.5E-09	1.5E-17	1.3E-15
Fluoranthene	2.8E-13	6.7E-14	1.4E-12	6.1E-14	2.5E-12	7.5E-09	3.1E-07	9.4E-10	1.0E-07	3.0E-18	2.7E-16
Fluorene	6.1E-14					1.9E-08	7.9E-07	2.3E-09	2.6E-07		
Indeno(1,2,3-cd)pyrene	4.0E-13	9.4E-08	1.8E-11	8.6E-08	3.3E-11	6.2E-10	2.5E-08	7.7E-11	8.5E-09	4.2E-12	3.6E-15
Napthalene	2.8E-14					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Perylene				1.3E-14	6.2E-13	4.6E-10	2.0E-08	5.8E-11	6.8E-09	6.5E-19	6.6E-17
Phenanthrene	2.9E-13					3.5E-08	1.5E-06	4.4E-09	4.8E-07		
Pyrene	2.0E-13	2.5E-13	5.1E-12	2.3E-13	9.3E-12	7.3E-09	3.0E-07	9.1E-10	1.0E-07	6.4E-15	5.8E-13
Particulate											
Particulate Total Suspended Particulate				3.0E-09	1.2E-07	2.3E-05	9.0E-04	2.9E-06	3.0E-04	1.5E-13	1.3E-11
PM<10				3.8E-09	1.6E-07	3.1E-05	1.2E-03	3.9E-06	4.0E-04	1.9E-13	1.7E-11
PM<2.5				3.2E-09	1.3E-07	2.6E-05	1.0E-03	3.3E-06	3.5E-04	1.6E-13	1.4E-11
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	1.3E-14	5.5E-16	2.2E-14	9.3E-11	3.8E-09	1.2E-11	1.3E-09	5.1E-17	4.5E-15
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.4E-15	6.3E-17	2.4E-15	1.3E-12	5.1E-11	1.6E-13	1.7E-11	3.2E-18	2.7E-16
Hexachlorobiphenyl	9.3E-16	3.4E-16	6.1E-15	2.9E-16	1.0E-14	5.3E-12	2.1E-10	6.7E-13	6.9E-11	1.5E-17	1.1E-15
Monochlorobiphenyl	4.3E-14	4.5E-15	9.0E-14	3.8E-15	1.5E-13	6.5E-10	2.7E-08	8.1E-11	8.9E-09	3.5E-16	3.1E-14
Nonachlorobiphenyl	2.9E-17	1.3E-17	2.1E-16	1.1E-17	3.5E-16	1.8E-13	6.4E-12	2.2E-14	2.1E-12	5.7E-19	3.9E-17
Octachlorobiphenyl	6.8E-17	2.4E-17	4.4E-16	2.0E-17	7.5E-16	3.9E-13	1.5E-11	4.9E-14	5.1E-12	1.0E-18	8.4E-17
Pentachlorobiphenyl	3.1E-15	1.2E-15	2.1E-14	1.0E-15	3.5E-14	1.8E-11	6.9E-10	2.3E-12	2.3E-10	5.2E-17	3.9E-15
Tetrachlorobiphenyl	1.8E-15	2.5E-16	4.2E-15	2.1E-16	7.1E-15	3.0E-11	1.1E-09	3.8E-12	3.8E-10	2.0E-17	1.5E-15
Trichlorobiphenyl	2.4E-15	3.0E-16	5.3E-15	2.5E-16	9.0E-15	3.8E-11	1.5E-09	4.8E-12	4.9E-10	2.3E-17	1.8E-15

Table H-40 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				6.8E-06						2.2E-07	
Dieldrin		2.7E-08		3.2E-08						1.6E-12	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	8.7E-09	3.4E-11	2.9E-09		
1,2-dichlorobenzene	2.8E-18					1.1E-10	1.9E-09	1.4E-11	6.5E-10		
1,3-dichlorobenzene	6.9E-18					1.6E-10	5.5E-09	2.0E-11	1.8E-09		
1,4-dichlorobenzene	9.2E-17					1.5E-09	6.8E-08	1.9E-10	2.3E-08		
2,4-Dimethylphenol	2.5E-15					2.4E-08	9.5E-07	3.0E-09	3.2E-07		
2-Chlorophenol	1.3E-16					4.7E-09	2.1E-07	5.9E-10	6.9E-08		
2-Methylphenol	5.3E-14					5.6E-08	2.3E-06	7.0E-09	7.8E-07		
2-Nitrophenol	3.2E-16					7.6E-09	3.1E-07	9.4E-10	1.0E-07		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.5E-10	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.8E-16	1.7E-14
4-Nitrophenol	6.5E-16					1.3E-08	4.8E-07	1.6E-09	1.6E-07		
Acetophenone	3.9E-15					1.2E-07	4.9E-06	1.5E-08	1.6E-06		
Benzoic acid	1.6E-14					5.4E-07	2.2E-05	6.7E-08	7.5E-06		
Benzyl alcohol	9.8E-18					4.5E-09	1.4E-07	5.6E-10	4.5E-08		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	1.2E-10	8.0E-12	2.9E-10	1.9E-07	7.4E-06	2.4E-08	2.5E-06	3.9E-16	3.1E-14
Butyl benzyl phthalate	1.8E-13	3.3E-15	6.6E-14	3.8E-15	1.6E-13	6.0E-09	2.5E-07	7.5E-10	8.3E-08	1.9E-19	1.7E-17
Carbazole				1.4E-14	2.6E-13	1.7E-10	3.0E-09	2.1E-11	1.0E-09	6.9E-19	2.8E-17
Dibenzofuran		1.4E-16	2.9E-15	5.7E-16	2.3E-14	9.5E-09	3.9E-07	1.2E-09	1.3E-07	2.4E-16	2.1E-14
Dimethyl phthalate	6.5E-17					3.3E-10	5.9E-09	4.2E-11	2.0E-09		
Di-n-butyl phthalate	1.7E-12	3.3E-15	6.7E-14	3.9E-15	1.6E-13	9.2E-09	3.8E-07	1.1E-09	1.3E-07	1.9E-19	1.7E-17
Di-n-octyl phthalate	1.3E-17	9.4E-15	8.7E-14	1.1E-14	2.1E-13	6.4E-10	1.1E-08	8.0E-11	3.8E-09	5.5E-19	2.2E-17

Table H-40 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	7.9E-07	5.5E-09	2.6E-07		
Isopropanol						5.9E-03					
Phenol	1.5E-13					3.0E-07	1.2E-05	3.8E-08	4.2E-06		
Pyridine	7.7E-15					2.9E-08	1.2E-06	3.6E-09	4.0E-07		
TRS											
Total Reduced Sulfur						2.9E-07	1.3E-05	3.6E-08	4.2E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	4.6E-09	1.7E-11	1.5E-09		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	5.0E-09	1.7E-11	1.7E-09		
1,1-Dichloroethene	6.0E-21					2.6E-11	4.6E-10	3.2E-12	1.5E-10		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	2.0E-08	6.7E-11	6.6E-09		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	1.9E-09	1.4E-11	6.4E-10		
1,2,4-Trimethylbenzene						6.2E-09	2.0E-07	7.8E-10	6.6E-08		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.2E-09	8.6E-12	4.1E-10		
1,2-Dichloroethane	1.2E-17					2.3E-05	1.0E-07	1.0E-06	3.5E-08		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.7E-07	7.3E-10	5.8E-08		
1,3-Dichloropropane						6.7E-11	1.2E-09	8.4E-12	4.0E-10		
2-Butanone	2.4E-15					3.3E-08	1.3E-06	4.1E-09	4.4E-07		
2-Chlorotoluene						1.5E-09	6.1E-08	1.8E-10	2.0E-08		
2-Hexanone						6.8E-09	2.5E-07	8.4E-10	8.2E-08		
Benzene	2.0E-15					8.2E-04	3.4E-05	9.7E-06	1.1E-05		
Bromobenzene						3.7E-08	6.6E-07	4.7E-09	2.2E-07		
Bromochloromethane						8.8E-11	1.6E-09	1.1E-11	5.2E-10		
Bromodichloromethane	3.1E-19					9.5E-11	1.7E-09	1.2E-11	5.7E-10		

Table H-40 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	1.1E-07	4.8E-10	3.8E-08		
Carbon disulfide	1.3E-18					3.3E-09	9.8E-08	4.2E-10	3.3E-08		
Carbon tetrachloride	1.3E-19					1.6E-04	3.9E-09	1.5E-05	1.3E-09		
Chlorobenzene	4.7E-17					4.8E-09	1.7E-07	6.0E-10	5.7E-08		
Chlorodibromomethane	1.8E-17					2.4E-09	4.2E-08	3.0E-10	1.4E-08		
Chloroethane	3.7E-18					9.1E-09	3.2E-07	1.1E-09	1.1E-07		
Chloroform	2.8E-18					3.7E-05	3.8E-08	2.4E-06	1.3E-08		
Chloromethane	9.8E-18					3.1E-08	9.4E-07	3.9E-09	3.1E-07		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	7.1E-08	5.0E-10	2.4E-08		
cis-1,3-Dichloropropene						2.4E-11	4.3E-10	3.0E-12	1.4E-10		
Dibromomethane	4.2E-19					2.0E-10	3.6E-09	2.5E-11	1.2E-09		
Dichlorodifluoromethane	4.7E-21					2.5E-10	4.4E-09	3.1E-11	1.5E-09		
Ethylbenzene	1.5E-15					2.1E-04	7.4E-06	2.4E-08	2.5E-06		
Isopropylbenzene	2.0E-18					1.6E-08	5.4E-07	2.0E-09	1.8E-07		
m&p-Xylene	2.4E-16					3.6E-08	1.2E-06	4.6E-09	4.1E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	6.4E-09	4.5E-11	2.1E-09		
Methylene chloride	2.6E-17					1.8E-08	6.6E-07	2.3E-09	2.2E-07		
n-Butylbenzene						7.8E-09	2.3E-07	9.7E-10	7.7E-08		
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07		
o-Xylene	2.8E-16					2.3E-08	7.6E-07	2.9E-09	2.5E-07		
p-Chlorotoluene						5.5E-10	1.7E-08	6.9E-11	5.6E-09		
p-Isopropyltoluene						3.8E-09	9.2E-08	4.8E-10	3.1E-08		
sec-Butylbenzene						1.4E-09	4.3E-08	1.8E-10	1.4E-08		
Styrene	9.4E-15					5.1E-07	1.9E-05	6.4E-08	6.2E-06		

Table H-40 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						4.6E-08	8.1E-07	5.7E-09	2.7E-07		
Tetrachloroethene	6.6E-19					1.2E-10	4.2E-09	1.5E-11	1.4E-09		
Toluene	1.6E-15					3.2E-07	1.2E-05	3.9E-08	4.1E-06		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	1.5E-06	1.1E-08	5.0E-07		
trans-1,3-Dichloropropene						4.2E-11	7.5E-10	5.3E-12	2.5E-10		
Trichloroethene	6.8E-21					5.0E-06	1.3E-10	9.1E-13	4.3E-11		
Trichlorofluoromethane	1.0E-20					8.7E-11	1.6E-09	1.1E-11	5.2E-10		
Vinyl chloride	4.8E-19					5.0E-09	1.2E-07	6.2E-10	4.0E-08		

Table H-41 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)
Acid Gas						
Hydrogen Chloride				2.9E-05	9.7E-06	
Aldehydes						
Acetaldehyde	1.0E-15			5.0E-05	1.7E-05	
Formaldehyde	5.0E-15			2.1E-05	7.1E-06	
Propionaldehyde			6.9E-17	5.5E-06	1.8E-06	1.6E-12
CO						
Carbon monoxide				1.5E-03	5.2E-04	
CO2						
Carbon dioxide				4.9E-05	1.6E-05	
Criteria						
Sulfur Dioxide				1.3E-05	4.4E-06	
DIOXINS						
1,2,3,4,6,7,8-HpCDD	1.0E-20	1.2E-17	9.1E-17	2.9E-11	9.8E-12	1.3E-17
1,2,3,4,6,7,8-HpCDF	9.8E-21	1.2E-17	9.2E-17	3.0E-11	9.9E-12	1.4E-17
1,2,3,4,7,8,9-HpCDF	1.6E-21	1.3E-18	1.1E-17	3.8E-12	1.3E-12	1.6E-18
1,2,3,4,7,8-HxCDD	1.2E-20	1.3E-18	1.0E-17	3.5E-12	1.2E-12	1.5E-18
1,2,3,4,7,8-HxCDF	8.4E-20	1.0E-17	8.2E-17	2.9E-11	9.6E-12	1.2E-17
1,2,3,6,7,8-HxCDD	2.4E-20	2.7E-18	2.1E-17	7.4E-12	2.5E-12	3.1E-18
1,2,3,6,7,8-HxCDF	3.1E-20	3.4E-18	2.7E-17	9.3E-12	3.1E-12	4.0E-18
1,2,3,7,8,9-HxCDD	3.3E-20	4.2E-18	3.3E-17	1.1E-11	3.8E-12	4.9E-18

Table H-41 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at CJ (ug/m3)
1,2,3,7,8,9-HxCDF	2.6E-21	2.4E-19	1.9E-18	7.1E-13	2.4E-13	2.8E-19
1,2,3,7,8-PeCDD	7.6E-20	1.5E-18	1.2E-17	4.5E-12	1.5E-12	1.7E-18
1,2,3,7,8-PeCDF	1.1E-19	1.7E-18	1.4E-17	6.4E-12	2.1E-12	2.0E-18
2,3,4,6,7,8-HxCDF	4.5E-20	5.4E-18	4.2E-17	1.4E-11	4.8E-12	6.2E-18
2,3,4,7,8-PeCDF	1.6E-19	4.2E-18	3.3E-17	1.4E-11	4.8E-12	4.9E-18
2,3,7,8-TCDD	2.6E-20	3.1E-19	2.4E-18	1.8E-12	6.0E-13	2.5E-16
2,3,7,8-TCDF	8.7E-20	5.6E-19	4.4E-18	6.6E-12	2.2E-12	6.4E-19
OCDD	1.3E-22	7.8E-18	6.2E-17	2.0E-11	6.5E-12	9.1E-18
OCDF	5.0E-23	3.0E-18	2.4E-17	7.3E-12	2.4E-12	3.5E-18
HCN						
Hydrogen cyanide				5.5E-06	1.8E-06	
Metals						
Aluminum			2.2E-04			3.2E-05
Antimony	1.7E-19		1.6E-08	3.6E-07	1.2E-07	2.3E-09
Arsenic	9.0E-18	2.5E-09	1.2E-08	2.1E-08	6.9E-09	2.9E-09
Barium	2.0E-14		5.5E-11	4.4E-06	1.5E-06	8.1E-12
Beryllium	3.7E-19		3.2E-17	1.5E-09	5.0E-10	4.7E-18
Cadmium	9.2E-17		2.5E-17	2.6E-08	8.8E-09	3.7E-18
Chromium	2.4E-17		1.6E-12	2.2E-07	7.5E-08	2.4E-13
Cobalt			4.1E-07	3.4E-07	1.1E-07	6.0E-08
Copper			6.0E-12	6.2E-07	2.1E-07	8.8E-13

Table H-41 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)
Iron			4.1E-04			6.1E-05
Lead	7.6E-20		2.5E-06	2.1E-07	6.9E-08	3.7E-07
Manganese			2.5E-14	1.9E-07	6.3E-08	3.6E-15
Mercury (+2)			5.3E-16	8.2E-10	2.7E-10	7.8E-17
Mercury, elemental			4.9E-10	3.4E-12	1.1E-12	2.8E-06
Methyl Mercury	7.2E-17		3.1E-17			4.6E-18
Nickel	3.7E-17		7.8E-06	1.2E-07	4.0E-08	1.2E-06
Phosphorus			2.3E-16	9.2E-07	3.1E-07	6.7E-12
Selenium	3.0E-18		1.2E-18	6.1E-09	2.0E-09	1.8E-19
Silver	2.1E-18		2.0E-14	3.9E-09	1.3E-09	2.9E-15
Thallium (Soluble Salts)			1.8E-09			2.7E-10
Titanium			2.5E-16	2.1E-09	7.0E-10	3.6E-17
Zinc	4.5E-14		5.7E-15	4.8E-06	1.6E-06	8.4E-16
NOx						
NOx (Oxides of Nitrogen)				5.4E-05	1.8E-05	
PAHs						
1-Methylnaphthalene		3.7E-18	6.7E-18	1.1E-06	3.8E-07	2.3E-14
1-Methylphenanthrene			4.5E-15	1.4E-07	4.6E-08	6.6E-16
2,3,5-Trimethylnaphthalene			2.1E-15	6.8E-08	2.3E-08	3.1E-16
2,6-Dimethylnaphthalene			5.7E-15	1.8E-07	6.0E-08	8.4E-16
2-Methylnaphthalene		3.6E-18	6.5E-18	1.1E-06	3.7E-07	2.2E-14

Table H-41 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)
Acenaphthylene			1.8E-14	6.6E-07	2.2E-07	2.7E-15
Acenaphthene	3.7E-17			1.2E-07	4.0E-08	
Anthracene	4.7E-16			2.1E-07	7.0E-08	
Benzo(a)anthracene	6.8E-14	5.6E-09	1.0E-08	1.0E-07	3.5E-08	4.6E-07
Benzo(a)pyrene	3.4E-14	6.2E-09	1.1E-08	4.1E-08	1.4E-08	1.7E-09
Benzo(b)fluoranthene	9.1E-15	8.7E-09	1.6E-08	4.6E-08	1.5E-08	2.3E-09
Benzo(e)pyrene			1.1E-15	3.5E-08	1.2E-08	1.5E-16
Benzo(g,h,i)perylene			7.7E-16	2.7E-08	8.9E-09	1.1E-16
Benzo(k)fluoranthene	6.8E-17	4.4E-09	8.0E-09	4.0E-10	1.3E-10	1.2E-09
Biphenyl			1.0E-16	3.9E-06	1.3E-06	1.8E-13
Chrysene	1.2E-14	6.3E-09	1.2E-08	1.8E-07	5.9E-08	1.7E-09
Dibenzo(a,h)anthracene	1.6E-15	1.5E-09	2.8E-09	6.4E-09	2.1E-09	4.1E-10
Fluoranthene	3.1E-15	9.3E-16	1.7E-15	2.6E-07	8.7E-08	2.5E-16
Fluorene	6.7E-16			6.5E-07	2.2E-07	
Indeno(1,2,3-cd)pyrene	4.1E-15	4.0E-09	7.3E-09	2.1E-08	7.1E-09	1.1E-09
Napthalene	3.1E-16			5.2E-06	1.7E-06	
Perylene			4.1E-16	1.6E-08	5.3E-09	6.0E-17
Phenanthrene	3.2E-15			1.2E-06	4.1E-07	
Pyrene	2.2E-15	2.6E-15	4.7E-15	2.5E-07	8.5E-08	3.9E-13
Particulate						
Particulate Total Suspended Particulate			9.2E-11	8.1E-04	2.7E-04	1.4E-11

Table H-41 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)
PM<10			1.2E-10	1.1E-03	3.6E-04	1.7E-11
PM<2.5			9.8E-11	9.2E-04	3.1E-04	1.4E-11
PCBs						
Dichlorobiphenyl	6.7E-17	5.5E-18	9.2E-18	3.2E-09	1.1E-09	2.6E-15
Heptachlorobiphenyl	2.5E-18	6.2E-19	1.1E-18	4.4E-11	1.5E-11	1.6E-16
Hexachlorobiphenyl	1.0E-17	2.8E-18	4.8E-18	1.8E-10	6.2E-11	7.3E-16
Monochlorobiphenyl	4.7E-16	3.8E-17	6.4E-17	2.2E-08	7.5E-09	1.8E-14
Nonachlorobiphenyl	3.1E-19	1.1E-19	1.9E-19	6.2E-12	2.1E-12	2.8E-17
Octachlorobiphenyl	7.5E-19	2.0E-19	3.4E-19	1.3E-11	4.5E-12	5.2E-17
Pentachlorobiphenyl	3.4E-17	1.0E-17	1.7E-17	6.3E-10	2.1E-10	2.6E-15
Tetrachlorobiphenyl	2.0E-17	2.1E-18	3.5E-18	1.0E-09	3.5E-10	9.9E-16
Trichlorobiphenyl	2.6E-17	2.5E-18	4.2E-18	1.3E-09	4.4E-10	1.2E-15
Pesticides						
DDE			2.4E-09			2.3E-07
Dieldrin		1.1E-10	2.6E-10			3.8E-11
SVOCs						
1,2,4-trichlorobenzene				9.4E-09	3.1E-09	
1,2-dichlorobenzene	3.0E-20			3.8E-09	1.3E-09	
1,3-dichlorobenzene	7.6E-20			5.6E-09	1.9E-09	
1,4-dichlorobenzene	1.0E-18			5.3E-08	1.8E-08	
2,4-Dimethylphenol	2.8E-17			8.2E-07	2.7E-07	

Table H-41 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)
2-Chlorophenol	1.4E-18			1.6E-07	5.5E-08	
2-Methylphenol	5.8E-16			1.9E-06	6.4E-07	
2-Nitrophenol	3.5E-18			2.6E-07	8.7E-08	
3-Methylphenol & 4-Methylphenol			1.1E-13	3.5E-06	1.2E-06	1.7E-14
4-Nitrophenol	7.2E-18			4.3E-07	1.4E-07	
Acetophenone	4.4E-17			4.1E-06	1.4E-06	
Benzoic acid	1.7E-16			1.9E-05	6.2E-06	
Benzyl alcohol	1.1E-19			1.6E-07	5.2E-08	
bis(2-Ethylhexyl) phthalate	5.4E-15	1.0E-13	2.4E-13	6.6E-06	2.2E-06	3.6E-14
Butyl benzyl phthalate	1.9E-15	5.0E-17	1.2E-16	2.1E-07	6.9E-08	1.7E-17
Carbazole			4.3E-16	5.8E-09	1.9E-09	6.3E-17
Dibenzofuran		2.2E-18	1.7E-17	3.3E-07	1.1E-07	2.2E-14
Dimethyl phthalate	7.1E-19			1.2E-08	3.9E-09	
Di-n-butyl phthalate	1.9E-14	5.0E-17	1.2E-16	3.2E-07	1.1E-07	1.7E-17
Di-n-octyl phthalate	1.4E-19	1.4E-16	3.4E-16	2.2E-08	7.4E-09	5.0E-17
Hexachlorobutadiene	7.4E-17			1.5E-06	5.1E-07	
Isopropanol				3.4E-02		
p-Chloroaniline		3.6E-09	8.5E-09			1.3E-09
Phenol	1.6E-15			1.0E-05	3.5E-06	
Pyridine	8.4E-17			9.9E-07	3.3E-07	
TRS						

Table H-41 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)
Total Reduced Sulfur				1.0E-05	3.4E-06	
VOCs						
1,1,1,2-Tetrachloroethane	3.0E-20			4.7E-09	1.6E-09	
1,1,1-Trichloroethane	1.9E-21			4.6E-09	1.5E-09	
1,1-Dichloroethene	6.6E-23			9.0E-10	3.0E-10	
1,2,3-Trichlorobenzene	2.1E-18			1.9E-08	6.2E-09	
1,2,3-Trichloropropane	1.2E-20			3.8E-09	1.3E-09	
1,2,4-Trimethylbenzene				2.2E-07	7.2E-08	
1,2-Dibromoethane	4.1E-21			2.4E-09	8.0E-10	
1,2-Dichloroethane	1.3E-19			6.6E-04	9.2E-05	
1,3,5-Trimethylbenzene	6.7E-19			2.0E-07	6.8E-08	
1,3-Dichloropropane				2.3E-09	7.8E-10	
2-Butanone	2.7E-17			1.1E-06	3.8E-07	
2-Chlorotoluene				5.1E-08	1.7E-08	
2-Hexanone				2.3E-07	7.8E-08	
Benzene	2.2E-17			4.0E-03	9.0E-04	
Bromobenzene				1.3E-06	4.3E-07	
Bromochloromethane				3.1E-09	1.0E-09	
Bromodichloromethane	3.5E-21			5.1E-03	1.1E-09	
Bromoform				2.3E-02		
Bromomethane	1.5E-20			1.3E-07	4.4E-08	

Table H-41 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)
Carbon disulfide	1.4E-20			1.2E-07	3.9E-08	
Carbon tetrachloride	1.5E-21			5.9E-03	1.4E-03	
Chlorobenzene	5.2E-19			1.7E-07	5.6E-08	
Chlorodibromomethane	2.0E-19			8.2E-08	2.7E-08	
Chloroethane	4.1E-20			3.2E-07	1.1E-07	
Chloroform	3.1E-20			1.2E-02	2.2E-04	
Chloromethane	1.1E-19			1.1E-06	3.6E-07	
cis-1,2-Dichloroethene	4.2E-20			1.4E-07	4.6E-08	
cis-1,3-Dichloropropene				8.4E-10	2.8E-10	
Dibromomethane	4.6E-21			7.1E-09	2.4E-09	
Dichlorodifluoromethane	5.2E-23			8.6E-09	2.9E-09	
Ethylbenzene	1.6E-17			3.3E-03	2.3E-06	
Isopropylbenzene	2.2E-20			5.5E-07	1.8E-07	
m&p-Xylene	2.6E-18			1.3E-06	4.2E-07	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	2.7E-20			1.2E-08	4.1E-09	
Methylene chloride	2.9E-19			6.3E-07	2.1E-07	
n-Butylbenzene				2.7E-07	9.0E-08	
n-Propylbenzene				3.3E-07	1.1E-07	
o-Xylene	3.1E-18			8.0E-07	2.7E-07	
p-Chlorotoluene				1.9E-08	6.4E-09	
p-Isopropyltoluene				1.3E-07	4.4E-08	

Table H-41 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)
sec-Butylbenzene				4.9E-08	1.6E-08	
Styrene	1.0E-16			1.8E-05	5.9E-06	
tert-Butylbenzene				1.6E-06	5.3E-07	
Tetrachloroethene	7.3E-21			4.2E-09	1.4E-09	
Toluene	1.7E-17			1.1E-05	3.7E-06	
trans-1,2-Dichloroethene	6.5E-19			2.9E-06	9.8E-07	
trans-1,3-Dichloropropene				1.5E-09	4.9E-10	
Trichloroethene	7.5E-23			6.7E-03	8.4E-11	
Trichlorofluoromethane	1.2E-22			3.0E-09	1.0E-09	
Vinyl chloride	5.3E-21			1.7E-07	5.7E-08	

Table H-42 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)
Acid Gas						
Hydrogen Chloride				2.7E-06	9.2E-07	
Aldehydes						
Acetaldehyde	9.6E-14			4.8E-06	1.6E-06	
Formaldehyde	4.7E-13			2.0E-06	6.7E-07	
Propionaldehyde			6.6E-15	5.2E-07	1.7E-07	1.5E-13
CO						
Carbon monoxide				1.5E-04	4.9E-05	
CO2						
Carbon dioxide				4.6E-06	1.5E-06	
Criteria						
Sulfur Dioxide				1.2E-06	4.1E-07	
DIOXINS						
1,2,3,4,6,7,8-HpCDD	1.4E-18	2.0E-15	1.6E-14	2.8E-12	9.3E-13	2.4E-18
1,2,3,4,6,7,8-HpCDF	1.3E-18	2.1E-15	1.6E-14	2.8E-12	9.4E-13	2.4E-18
1,2,3,4,7,8,9-HpCDF	2.0E-19	2.4E-16	1.9E-15	3.6E-13	1.2E-13	2.7E-19
1,2,3,4,7,8-HxCDD	1.5E-18	2.3E-16	1.8E-15	3.3E-13	1.1E-13	2.7E-19
1,2,3,4,7,8-HxCDF	1.1E-17	1.8E-15	1.4E-14	2.7E-12	9.0E-13	2.1E-18
1,2,3,6,7,8-HxCDD	3.0E-18	4.7E-16	3.7E-15	7.0E-13	2.3E-13	5.5E-19
1,2,3,6,7,8-HxCDF	3.9E-18	6.0E-16	4.7E-15	8.8E-13	2.9E-13	6.9E-19
1,2,3,7,8,9-HxCDD	4.3E-18	7.4E-16	5.8E-15	1.1E-12	3.6E-13	8.6E-19

Table H-42 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)
1,2,3,7,8,9-HxCDF	3.1E-19	4.3E-17	3.4E-16	6.8E-14	2.3E-14	5.0E-20
1,2,3,7,8-PeCDD	7.9E-18	2.6E-16	2.1E-15	4.3E-13	1.4E-13	3.0E-19
1,2,3,7,8-PeCDF	1.1E-17	3.1E-16	2.4E-15	6.0E-13	2.0E-13	3.5E-19
2,3,4,6,7,8-HxCDF	5.6E-18	9.4E-16	7.4E-15	1.4E-12	4.6E-13	1.1E-18
2,3,4,7,8-PeCDF	1.7E-17	7.3E-16	5.8E-15	1.4E-12	4.5E-13	8.5E-19
2,3,7,8-TCDD	2.6E-18	5.3E-17	4.2E-16	1.7E-13	5.7E-14	4.3E-17
2,3,7,8-TCDF	8.4E-18	9.7E-17	7.6E-16	6.3E-13	2.1E-13	1.1E-19
OCDD	1.9E-20	1.4E-15	1.1E-14	1.8E-12	6.2E-13	1.6E-18
OCDF	7.0E-21	5.3E-16	4.2E-15	6.9E-13	2.3E-13	6.1E-19
HCN						
Hydrogen cyanide				5.2E-07	1.7E-07	
Metals						
Aluminum			2.0E-02			3.0E-06
Antimony	1.6E-17		1.5E-06	3.4E-08	1.1E-08	2.2E-10
Arsenic	8.5E-16	2.4E-07	1.1E-06	2.0E-09	6.5E-10	2.8E-10
Barium	2.4E-12		9.1E-09	4.1E-07	1.4E-07	1.3E-12
Beryllium	3.5E-17		3.1E-15	1.4E-10	4.7E-11	4.5E-19
Cadmium	8.7E-15		2.4E-15	2.5E-09	8.3E-10	3.5E-19
Chromium	2.7E-15		2.4E-10	2.1E-08	7.1E-09	3.6E-14
Cobalt			3.8E-05	3.2E-08	1.1E-08	5.7E-09
Copper			9.8E-10	5.8E-08	1.9E-08	1.4E-13

Table H-42 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)
Iron			3.9E-02			5.7E-06
Lead	7.2E-18		2.4E-04	2.0E-08	6.5E-09	3.5E-08
Manganese			2.3E-12	1.8E-08	6.0E-09	3.4E-16
Mercury (+2)			1.0E-13	7.7E-11	2.6E-11	1.5E-17
Mercury, elemental			4.6E-08	3.2E-13	1.1E-13	2.7E-07
Methyl Mercury	9.1E-15		5.9E-15			8.7E-19
Nickel	3.5E-15		7.4E-04	1.1E-08	3.8E-09	1.1E-07
Phosphorus			2.2E-14	8.7E-08	2.9E-08	6.3E-13
Selenium	2.9E-16		1.2E-16	5.7E-10	1.9E-10	1.7E-20
Silver	2.2E-16		2.4E-12	3.7E-10	1.2E-10	3.6E-16
Thallium (Soluble Salts)			1.8E-07			2.6E-11
Titanium			2.4E-14	2.0E-10	6.7E-11	3.5E-18
Zinc	4.3E-12		5.4E-13	4.5E-07	1.5E-07	7.9E-17
NOx						
NOx (Oxides of Nitrogen)				5.2E-06	1.7E-06	
PAHs						
1-Methylnaphthalene		3.5E-16	6.3E-16	1.1E-07	3.6E-08	2.2E-15
1-Methylphenanthrene			4.2E-13	1.3E-08	4.3E-09	6.2E-17
2,3,5-Trimethylnaphthalene			2.0E-13	6.4E-09	2.1E-09	2.9E-17
2,6-Dimethylnaphthalene			5.4E-13	1.7E-08	5.6E-09	8.0E-17
2-Methylnaphthalene		3.4E-16	6.1E-16	1.0E-07	3.5E-08	2.1E-15

Table H-42 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)
Acenaphthylene			1.7E-12	6.2E-08	2.1E-08	2.6E-16
Acenaphthene	3.5E-15			1.1E-08	3.8E-09	
Anthracene	4.5E-14			2.0E-08	6.6E-09	
Benzo(a)anthracene	6.4E-12	5.3E-07	9.7E-07	9.8E-09	3.3E-09	4.4E-08
Benzo(a)pyrene	3.2E-12	5.9E-07	1.1E-06	3.9E-09	1.3E-09	1.6E-10
Benzo(b)fluoranthene	8.7E-13	8.2E-07	1.5E-06	4.3E-09	1.4E-09	2.2E-10
Benzo(e)pyrene			1.0E-13	3.3E-09	1.1E-09	1.5E-17
Benzo(g,h,i)perylene			7.3E-14	2.5E-09	8.4E-10	1.1E-17
Benzo(k)fluoranthene	7.7E-15	4.1E-07	7.5E-07	3.8E-11	1.3E-11	1.1E-10
Biphenyl			9.7E-15	3.7E-07	1.2E-07	1.7E-14
Chrysene	1.1E-12	6.0E-07	1.1E-06	1.7E-08	5.6E-09	1.6E-10
Dibenze(a,h)anthracene	1.7E-13	1.5E-07	2.6E-07	6.1E-10	2.0E-10	3.9E-11
Fluoranthene	2.9E-13	9.9E-14	1.8E-13	2.5E-08	8.2E-09	2.6E-17
Fluorene	6.4E-14			6.1E-08	2.0E-08	
Indeno(1,2,3-cd)pyrene	4.2E-13	3.8E-07	6.9E-07	2.0E-09	6.7E-10	1.0E-10
Napthalene	2.9E-14			4.9E-07	1.6E-07	
Perylene			3.9E-14	1.5E-09	5.1E-10	5.7E-18
Phenanthrene	3.1E-13			1.2E-07	3.8E-08	
Pyrene	2.1E-13	3.7E-13	6.6E-13	2.4E-08	8.0E-09	5.6E-14
Particulate						
Particulate Total Suspended Particulate			8.7E-09	7.7E-05	2.6E-05	1.3E-12

Table H-42 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)
PM<10			1.1E-08	1.0E-04	3.4E-05	1.6E-12
PM<2.5			9.3E-09	8.7E-05	2.9E-05	1.4E-12
PCBs						
Dichlorobiphenyl	6.3E-15	9.5E-16	1.6E-15	3.0E-10	1.0E-10	4.5E-16
Heptachlorobiphenyl	2.4E-16	1.1E-16	1.8E-16	4.2E-12	1.4E-12	2.8E-17
Hexachlorobiphenyl	9.7E-16	4.9E-16	8.3E-16	1.7E-11	5.8E-12	1.3E-16
Monochlorobiphenyl	4.4E-14	6.6E-15	1.1E-14	2.1E-09	7.1E-10	3.1E-15
Nonachlorobiphenyl	3.0E-17	1.9E-17	3.3E-17	5.9E-13	2.0E-13	5.0E-18
Octachlorobiphenyl	7.1E-17	3.5E-17	6.0E-17	1.3E-12	4.2E-13	9.1E-18
Pentachlorobiphenyl	3.2E-15	1.8E-15	3.0E-15	6.0E-11	2.0E-11	4.6E-16
Tetrachlorobiphenyl	1.9E-15	3.6E-16	6.1E-16	9.9E-11	3.3E-11	1.7E-16
Trichlorobiphenyl	2.5E-15	4.3E-16	7.3E-16	1.3E-10	4.2E-11	2.1E-16
Pesticides						
DDE			2.3E-07			2.2E-08
Dieldrin		1.0E-08	2.5E-08			3.6E-12
SVOCs						
1,2,4-trichlorobenzene				8.9E-10	3.0E-10	
1,2-dichlorobenzene	2.9E-18			3.6E-10	1.2E-10	
1,3-dichlorobenzene	7.2E-18			5.3E-10	1.8E-10	
1,4-dichlorobenzene	9.6E-17			5.0E-09	1.7E-09	
2,4-Dimethylphenol	2.6E-15			7.8E-08	2.6E-08	

Table H-42 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)
2-Chlorophenol	1.3E-16			1.6E-08	5.2E-09	
2-Methylphenol	5.5E-14			1.8E-07	6.1E-08	
2-Nitrophenol	3.3E-16			2.5E-08	8.3E-09	
3-Methylphenol & 4-Methylphenol			1.1E-11	3.3E-07	1.1E-07	1.6E-15
4-Nitrophenol	6.8E-16			4.1E-08	1.4E-08	
Acetophenone	4.1E-15			3.9E-07	1.3E-07	
Benzoic acid	1.7E-14			1.8E-06	5.9E-07	
Benzyl alcohol	1.0E-17			1.5E-08	4.9E-09	
bis(2-Ethylhexyl) phthalate	5.1E-13	9.8E-12	2.3E-11	6.2E-07	2.1E-07	3.4E-15
Butyl benzyl phthalate	1.8E-13	4.8E-15	1.1E-14	2.0E-08	6.5E-09	1.7E-18
Carbazole			4.1E-14	5.5E-10	1.8E-10	6.0E-18
Dibenzofuran		2.1E-16	1.7E-15	3.1E-08	1.0E-08	2.1E-15
Dimethyl phthalate	6.7E-17			1.1E-09	3.6E-10	
Di-n-butyl phthalate	1.8E-12	4.8E-15	1.1E-14	3.0E-08	1.0E-08	1.7E-18
Di-n-octyl phthalate	1.3E-17	1.4E-14	3.3E-14	2.1E-09	7.0E-10	4.8E-18
Hexachlorobutadiene	7.0E-15			1.5E-07	4.9E-08	
Isopropanol				3.2E-03		
p-Chloroaniline		3.4E-07	8.1E-07			1.2E-10
Phenol	1.5E-13			9.9E-07	3.3E-07	
Pyridine	8.0E-15			9.4E-08	3.1E-08	
TRS						

Table H-42 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)
Total Reduced Sulfur				9.6E-07	3.2E-07	
VOCs						
1,1,1,2-Tetrachloroethane	2.8E-18			4.4E-10	1.5E-10	
1,1,1-Trichloroethane	1.8E-19			4.4E-10	1.5E-10	
1,1-Dichloroethene	6.2E-21			8.5E-11	2.8E-11	
1,2,3-Trichlorobenzene	1.9E-16			1.8E-09	5.8E-10	
1,2,3-Trichloropropane	1.1E-18			3.6E-10	1.2E-10	
1,2,4-Trimethylbenzene				2.0E-08	6.8E-09	
1,2-Dibromoethane	3.9E-19			2.3E-10	7.6E-11	
1,2-Dichloroethane	1.2E-17			6.2E-05	8.8E-06	
1,3,5-Trimethylbenzene	6.3E-17			1.9E-08	6.4E-09	
1,3-Dichloropropane				2.2E-10	7.3E-11	
2-Butanone	2.5E-15			1.1E-07	3.6E-08	
2-Chlorotoluene				4.9E-09	1.6E-09	
2-Hexanone				2.2E-08	7.4E-09	
Benzene	2.1E-15			3.8E-04	8.5E-05	
Bromobenzene				1.2E-07	4.1E-08	
Bromochloromethane				2.9E-10	9.7E-11	
Bromodichloromethane	3.3E-19			4.8E-04	1.0E-10	
Bromoform				2.2E-03		
Bromomethane	1.4E-18			1.3E-08	4.2E-09	

Table H-42 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)
Carbon disulfide	1.3E-18			1.1E-08	3.7E-09	
Carbon tetrachloride	1.4E-19			5.6E-04	1.4E-04	
Chlorobenzene	4.9E-17			1.6E-08	5.3E-09	
Chlorodibromomethane	1.9E-17			7.8E-09	2.6E-09	
Chloroethane	3.8E-18			3.0E-08	1.0E-08	
Chloroform	2.9E-18			1.1E-03	2.1E-05	
Chloromethane	1.0E-17			1.0E-07	3.4E-08	
cis-1,2-Dichloroethene	4.0E-18			1.3E-08	4.3E-09	
cis-1,3-Dichloropropene				8.0E-11	2.7E-11	
Dibromomethane	4.4E-19			6.7E-10	2.2E-10	
Dichlorodifluoromethane	4.9E-21			8.2E-10	2.7E-10	
Ethylbenzene	1.6E-15			3.2E-04	2.1E-07	
Isopropylbenzene	2.0E-18			5.2E-08	1.7E-08	
m&p-Xylene	2.5E-16			1.2E-07	4.0E-08	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	2.5E-18			1.2E-09	3.9E-10	
Methylene chloride	2.7E-17			5.9E-08	2.0E-08	
n-Butylbenzene				2.6E-08	8.5E-09	
n-Propylbenzene				3.1E-08	1.0E-08	
o-Xylene	2.9E-16			7.5E-08	2.5E-08	
p-Chlorotoluene				1.8E-09	6.1E-10	
p-Isopropyltoluene				1.3E-08	4.2E-09	

Table H-42 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at CJ (ug/m3)
sec-Butylbenzene				4.7E-09	1.6E-09	
Styrene	9.8E-15			1.7E-06	5.6E-07	
tert-Butylbenzene				1.5E-07	5.0E-08	
Tetrachloroethene	6.9E-19			4.0E-10	1.3E-10	
Toluene	1.6E-15			1.0E-06	3.5E-07	
trans-1,2-Dichloroethene	6.1E-17			2.8E-07	9.3E-08	
trans-1,3-Dichloropropene				1.4E-10	4.6E-11	
Trichloroethene	7.1E-21			6.4E-04	8.0E-12	
Trichlorofluoromethane	1.1E-20			2.9E-10	9.6E-11	
Vinyl chloride	5.0E-19			1.6E-08	5.4E-09	

Table H-43 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			1.2E-05	1.5E-06	
Aldehydes					
Acetaldehyde			2.1E-05	2.6E-06	
Formaldehyde			4.6E-02	1.1E-06	
Propionaldehyde		3.2E-17	2.3E-06	2.8E-07	2.4E-13
CO					
Carbon monoxide			6.4E-04	8.0E-05	
CO2					
Carbon dioxide			2.0E-05	2.5E-06	
Criteria					
Sulfur Dioxide			5.4E-06	6.8E-07	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	1.1E-17	4.2E-17	1.2E-11	1.5E-12	2.1E-18
1,2,3,4,6,7,8-HpCDF	1.1E-17	4.3E-17	1.2E-11	1.5E-12	2.1E-18
1,2,3,4,7,8,9-HpCDF	1.2E-18	4.9E-18	1.6E-12	1.9E-13	2.4E-19
1,2,3,4,7,8-HxCDD	1.2E-18	4.8E-18	1.5E-12	1.8E-13	2.4E-19
1,2,3,4,7,8-HxCDF	9.7E-18	3.8E-17	1.2E-11	1.5E-12	1.9E-18
1,2,3,6,7,8-HxCDD	2.5E-18	9.8E-18	3.1E-12	3.8E-13	4.8E-19
1,2,3,6,7,8-HxCDF	3.2E-18	1.2E-17	3.8E-12	4.8E-13	6.1E-19
1,2,3,7,8,9-HxCDD	3.9E-18	1.5E-17	4.6E-12	5.8E-13	7.6E-19
1,2,3,7,8,9-HxCDF	2.3E-19	8.9E-19	2.9E-13	3.7E-14	4.4E-20

Table H-43 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	1.4E-18	5.4E-18	1.8E-12	2.3E-13	2.7E-19
1,2,3,7,8-PeCDF	1.6E-18	6.4E-18	2.6E-12	3.3E-13	3.1E-19
2,3,4,6,7,8-HxCDF	5.0E-18	2.0E-17	5.9E-12	7.4E-13	9.6E-19
2,3,4,7,8-PeCDF	3.9E-18	1.5E-17	5.9E-12	7.4E-13	7.5E-19
2,3,7,8-TCDD	2.8E-19	1.1E-18	7.4E-13	9.3E-14	3.8E-17
2,3,7,8-TCDF	5.1E-19	2.0E-18	2.7E-12	3.4E-13	9.9E-20
OCDD	7.3E-18	2.9E-17	8.0E-12	1.0E-12	1.4E-18
OCDF	2.8E-18	1.1E-17	3.0E-12	3.8E-13	5.4E-19
HCN					
Hydrogen cyanide			2.3E-06	2.8E-07	
Metals					
Aluminum		1.5E-04			7.2E-06
Antimony		5.4E-09	1.5E-07	1.9E-08	2.6E-10
Arsenic	5.1E-09	1.2E-08	8.5E-09	1.1E-09	9.9E-10
Barium		2.5E-11	1.8E-06	2.2E-07	1.2E-12
Beryllium		1.5E-17	6.1E-10	7.7E-11	7.3E-19
Cadmium		1.2E-17	1.1E-08	1.4E-09	5.7E-19
Chromium		7.6E-13	9.2E-08	1.2E-08	3.7E-14
Cobalt		3.8E-07	1.4E-07	1.8E-08	1.9E-08
Copper		2.8E-12	2.5E-07	3.2E-08	1.4E-13
Iron		3.2E-04			1.6E-05
Lead		1.5E-06	8.5E-08	1.1E-08	7.5E-08

Table H-43 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		1.1E-14	7.8E-08	9.7E-09	5.6E-16
Mercury (+2)		2.4E-16	3.4E-10	4.2E-11	1.2E-17
Mercury, elemental		2.4E-08	1.4E-12	1.8E-13	4.7E-05
Methyl Mercury		1.5E-17			7.1E-19
Nickel		8.0E-06	5.0E-08	6.2E-09	3.9E-07
Phosphorus		1.1E-16	3.8E-07	4.7E-08	1.0E-12
Selenium		5.8E-19	2.5E-09	3.1E-10	2.8E-20
Silver		9.3E-15	1.6E-09	2.0E-10	4.5E-16
Titanium		1.1E-16	8.7E-10	1.1E-10	5.6E-18
Zinc		2.6E-15	2.0E-06	2.4E-07	1.3E-16
NOx					
NOx (Oxides of Nitrogen)			2.2E-05	2.8E-06	
PAHs					
1-Methylnaphthalene	3.4E-18	3.1E-18	4.7E-07	5.9E-08	3.5E-15
1-Methylphenanthrene		2.1E-15	5.6E-08	7.0E-09	1.0E-16
2,3,5-Trimethylnaphthalene		9.7E-16	2.8E-08	3.5E-09	4.7E-17
2,6-Dimethylnaphthalene		2.6E-15	7.4E-08	9.2E-09	1.3E-16
2-Methylnaphthalene	3.3E-18	3.0E-18	4.6E-07	5.7E-08	3.4E-15
Acenaphthylene		8.5E-15	2.7E-07	3.4E-08	4.2E-16
Acenaphthene			4.9E-08	6.2E-09	
Anthracene			8.7E-08	1.1E-08	
Benzo(a)anthracene	3.2E-10	2.9E-10	4.3E-08	5.3E-09	4.3E-09

Table H-43 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)pyrene	3.7E-10	3.4E-10	1.7E-08	2.1E-09	1.6E-11
Benzo(b)fluoranthene	6.7E-10	6.1E-10	1.9E-08	2.3E-09	3.0E-11
Benzo(e)pyrene		4.9E-16	1.4E-08	1.8E-09	2.4E-17
Benzo(g,h,i)perylene		3.6E-16	1.1E-08	1.4E-09	1.8E-17
Benzo(k)fluoranthene	5.0E-10	4.6E-10	1.7E-10	2.1E-11	2.2E-11
Biphenyl		4.8E-17	1.6E-06	2.0E-07	2.8E-14
Chrysene	3.9E-10	3.5E-10	7.3E-08	9.1E-09	1.7E-11
Dibenze(a,h)anthracene	3.8E-15	3.4E-15	2.7E-09	3.3E-10	1.7E-16
Fluoranthene	8.6E-16	7.8E-16	1.1E-07	1.3E-08	3.8E-17
Fluorene			2.7E-07	3.3E-08	
Indeno(1,2,3-cd)pyrene	1.6E-10	1.5E-10	8.8E-09	1.1E-09	7.2E-12
Napthalene			2.1E-06	2.7E-07	
Perylene		1.9E-16	6.6E-09	8.2E-10	9.2E-18
Phenanthrene			5.0E-07	6.3E-08	
Pyrene	2.4E-15	2.2E-15	1.0E-07	1.3E-08	6.0E-14
Particulate					
Particulate Total Suspended Particulate		4.3E-11	3.3E-04	4.2E-05	2.1E-12
PM<10		5.5E-11	4.4E-04	5.5E-05	2.7E-12
PM<2.5		4.5E-11	3.8E-04	4.7E-05	2.2E-12
PCBs					
Dichlorobiphenyl	5.1E-18	4.3E-18	1.3E-09	1.7E-10	4.0E-16
Heptachlorobiphenyl	5.8E-19	4.9E-19	1.8E-11	2.3E-12	2.5E-17

Table H-43 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Hexachlorobiphenyl	2.6E-18	2.2E-18	7.6E-11	9.5E-12	1.1E-16
Monochlorobiphenyl	3.5E-17	3.0E-17	9.2E-09	1.2E-09	2.8E-15
Nonachlorobiphenyl	1.0E-19	8.6E-20	2.6E-12	3.2E-13	4.4E-18
Octachlorobiphenyl	1.9E-19	1.6E-19	5.5E-12	6.9E-13	8.1E-18
Pentachlorobiphenyl	9.4E-18	7.9E-18	2.6E-10	3.3E-11	4.0E-16
Tetrachlorobiphenyl	1.9E-18	1.6E-18	4.3E-10	5.4E-11	1.5E-16
Trichlorobiphenyl	2.3E-18	2.0E-18	5.5E-10	6.8E-11	1.8E-16
Pesticides					
Chlordecone (Kepone)	1.8E-08	2.1E-08			1.0E-09
DDE		2.9E-09			9.3E-08
SVOCs					
1,2,4-trichlorobenzene			3.9E-09	4.8E-10	
1,2-dichlorobenzene			1.6E-09	1.9E-10	
1,3-Butadiene			3.1E-04		
1,3-dichlorobenzene			2.3E-09	2.9E-10	
1,4-dichlorobenzene			2.2E-08	2.7E-09	
2,4-Dimethylphenol			3.4E-07	4.2E-08	
2-Chlorophenol			6.8E-08	8.5E-09	
2-Methylphenol			8.0E-07	9.9E-08	
2-Nitrophenol			1.1E-07	1.3E-08	
3-Methylphenol & 4-Methylphenol		5.3E-14	1.4E-06	1.8E-07	2.6E-15
4-Nitrophenol			1.8E-07	2.2E-08	

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			1.7E-06	2.1E-07	
Benzoic acid			7.7E-06	9.6E-07	
Benzyl alcohol			6.4E-08	8.0E-09	
bis(2-Ethylhexyl) phthalate	9.6E-14	1.1E-13	2.7E-06	3.4E-07	5.5E-15
Butyl benzyl phthalate	4.6E-17	5.5E-17	8.5E-08	1.1E-08	2.7E-18
Carbazole		2.0E-16	2.4E-09	3.0E-10	9.8E-18
Dibenzofuran	2.1E-18	8.1E-18	1.4E-07	1.7E-08	3.5E-15
Dimethyl phthalate			4.8E-09	5.9E-10	
Di-n-butyl phthalate	4.6E-17	5.5E-17	1.3E-07	1.6E-08	2.7E-18
Di-n-octyl phthalate	1.3E-16	1.6E-16	9.2E-09	1.1E-09	7.8E-18
Hexachlorobutadiene			6.3E-07	7.9E-08	
Isopropanol			4.9E-03		
Phenol			4.3E-06	5.4E-07	
Pyridine			4.1E-07	5.1E-08	
TRS					
Total Reduced Sulfur			4.2E-06	5.2E-07	
VOCs					
1,1,1,2-Tetrachloroethane			1.9E-09	2.4E-10	
1,1,1-Trichloroethane			1.9E-09	2.4E-10	
1,1-Dichloroethene			3.7E-10	4.6E-11	
1,2,3-Trichlorobenzene			7.6E-09	9.5E-10	
1,2,3-Trichloropropane			1.5E-09	1.9E-10	

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			8.9E-08	1.1E-08	
1,2-Dibromoethane			9.9E-10	1.2E-10	
1,2-Dichloroethane			4.0E-08	1.4E-05	
1,3,5-Trimethylbenzene			8.4E-08	1.0E-08	
1,3-Dichloropropane			9.6E-10	1.2E-10	
2-Butanone			4.7E-07	5.9E-08	
2-Chlorotoluene			2.1E-08	2.6E-09	
2-Hexanone			9.7E-08	1.2E-08	
Benzene			1.2E-03	1.4E-04	
Bromobenzene			5.3E-07	6.6E-08	
Bromochloromethane			1.3E-09	1.6E-10	
Bromodichloromethane			1.4E-09	1.7E-10	
Bromomethane			5.4E-08	6.8E-09	
Carbon disulfide			4.8E-08	6.0E-09	
Carbon tetrachloride			2.1E-03	2.2E-04	
Chlorobenzene			6.9E-08	8.6E-09	
Chlorodibromomethane			3.4E-08	4.2E-09	
Chloroethane			1.3E-07	1.6E-08	
Chloroform			3.1E-04	3.4E-05	
Chloromethane			4.4E-07	5.5E-08	
cis-1,2-Dichloroethene			5.7E-08	7.1E-09	
cis-1,3-Dichloropropene			3.5E-10	4.3E-11	

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			2.9E-09	3.6E-10	
Dichlorodifluoromethane			3.6E-09	4.4E-10	
Ethylbenzene			3.9E-04	3.5E-07	
Isopropylbenzene			2.3E-07	2.8E-08	
m&p-Xylene			5.2E-07	6.5E-08	
Methyl Isobutyl Ketone (4-methyl-2-penta			5.1E-09	6.4E-10	
Methylene chloride			2.6E-07	3.2E-08	
n-Butylbenzene			1.1E-07	1.4E-08	
n-Propylbenzene			1.3E-07	1.7E-08	
o-Xylene			3.3E-07	4.1E-08	
p-Chlorotoluene			7.9E-09	9.9E-10	
p-Isopropyltoluene			5.5E-08	6.9E-09	
sec-Butylbenzene			2.0E-08	2.5E-09	
Styrene			7.3E-06	9.1E-07	
tert-Butylbenzene			6.5E-07	8.2E-08	
Tetrachloroethene			1.7E-09	2.2E-10	
Toluene			4.5E-06	5.6E-07	
trans-1,2-Dichloroethene			1.2E-06	1.5E-07	
trans-1,3-Dichloropropene			6.0E-10	7.5E-11	
Trichloroethene			1.0E-10	1.3E-11	
Trichlorofluoromethane			1.2E-09	1.6E-10	
Vinyl chloride			7.1E-08	8.8E-09	

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Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			8.4E-07	1.0E-07	
Aldehydes					
Acetaldehyde			1.4E-06	1.8E-07	
Formaldehyde			3.2E-03	7.7E-08	
Propionaldehyde		2.2E-15	1.6E-07	2.0E-08	1.7E-14
CO					
Carbon monoxide			4.5E-05	5.6E-06	
CO2					
Carbon dioxide			1.4E-06	1.8E-07	
Criteria					
Sulfur Dioxide			3.8E-07	4.7E-08	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	1.4E-15	5.5E-15	8.5E-13	1.1E-13	2.7E-19
1,2,3,4,6,7,8-HpCDF	1.4E-15	5.5E-15	8.6E-13	1.1E-13	2.7E-19
1,2,3,4,7,8,9-HpCDF	1.6E-16	6.4E-16	1.1E-13	1.4E-14	3.1E-20
1,2,3,4,7,8-HxCDD	1.6E-16	6.2E-16	1.0E-13	1.3E-14	3.1E-20
1,2,3,4,7,8-HxCDF	1.3E-15	4.9E-15	8.3E-13	1.0E-13	2.4E-19
1,2,3,6,7,8-HxCDD	3.2E-16	1.3E-15	2.1E-13	2.7E-14	6.2E-20
1,2,3,6,7,8-HxCDF	4.1E-16	1.6E-15	2.7E-13	3.4E-14	7.9E-20
1,2,3,7,8,9-HxCDD	5.1E-16	2.0E-15	3.2E-13	4.1E-14	9.8E-20
1,2,3,7,8,9-HxCDF	2.9E-17	1.2E-16	2.1E-14	2.6E-15	5.7E-21

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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	1.8E-16	7.0E-16	1.3E-13	1.6E-14	3.5E-20
1,2,3,7,8-PeCDF	2.1E-16	8.3E-16	1.8E-13	2.3E-14	4.0E-20
2,3,4,6,7,8-HxCDF	6.4E-16	2.5E-15	4.2E-13	5.2E-14	1.2E-19
2,3,4,7,8-PeCDF	5.0E-16	2.0E-15	4.1E-13	5.2E-14	9.7E-20
2,3,7,8-TCDD	3.6E-17	1.4E-16	5.2E-14	6.5E-15	4.9E-18
2,3,7,8-TCDF	6.6E-17	2.6E-16	1.9E-13	2.4E-14	1.3E-20
OCDD	9.4E-16	3.7E-15	5.6E-13	7.0E-14	1.8E-19
OCDF	3.6E-16	1.4E-15	2.1E-13	2.6E-14	7.0E-20
HCN					
Hydrogen cyanide			1.6E-07	2.0E-08	
Metals					
Aluminum		1.0E-02			5.0E-07
Antimony		3.8E-07	1.0E-08	1.3E-09	1.8E-11
Arsenic	3.6E-07	8.5E-07	5.9E-10	7.4E-11	6.9E-11
Barium		3.1E-09	1.3E-07	1.6E-08	1.5E-13
Beryllium		1.0E-15	4.3E-11	5.4E-12	5.1E-20
Cadmium		8.2E-16	7.6E-10	9.5E-11	4.0E-20
Chromium		8.3E-11	6.5E-09	8.1E-10	4.1E-15
Cobalt		2.6E-05	9.8E-09	1.2E-09	1.3E-09
Copper		3.4E-10	1.8E-08	2.2E-09	1.6E-14
Iron		2.3E-02			1.1E-06
Lead		1.1E-04	6.0E-09	7.5E-10	5.2E-09

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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		8.0E-13	5.5E-09	6.8E-10	3.9E-17
Mercury (+2)		3.4E-14	2.4E-11	2.9E-12	1.7E-18
Mercury, elemental		1.7E-06	9.8E-14	1.2E-14	3.3E-06
Methyl Mercury		2.0E-15			1.0E-19
Nickel		5.6E-04	3.5E-09	4.3E-10	2.7E-08
Phosphorus		7.5E-15	2.6E-08	3.3E-09	7.2E-14
Selenium		4.0E-17	1.7E-10	2.2E-11	2.0E-21
Silver		8.4E-13	1.1E-10	1.4E-11	4.1E-17
Titanium		8.0E-15	6.1E-11	7.6E-12	3.9E-19
Zinc		1.8E-13	1.4E-07	1.7E-08	9.0E-18
NOx					
NOx (Oxides of Nitrogen)			1.6E-06	2.0E-07	
PAHs					
1-Methylnaphthalene	2.4E-16	2.2E-16	3.3E-08	4.1E-09	2.5E-16
1-Methylphenanthrene		1.5E-13	3.9E-09	4.9E-10	7.1E-18
2,3,5-Trimethylnaphthalene		6.8E-14	1.9E-09	2.4E-10	3.3E-18
2,6-Dimethylnaphthalene		1.9E-13	5.1E-09	6.4E-10	9.1E-18
2-Methylnaphthalene	2.3E-16	2.1E-16	3.2E-08	4.0E-09	2.4E-16
Acenaphthylene		6.0E-13	1.9E-08	2.4E-09	2.9E-17
Acenaphthene			3.5E-09	4.3E-10	
Anthracene			6.1E-09	7.6E-10	
Benzo(a)anthracene	2.2E-08	2.0E-08	3.0E-09	3.7E-10	3.0E-10

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Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)pyrene	2.6E-08	2.4E-08	1.2E-09	1.5E-10	1.2E-12
Benzo(b)fluoranthene	4.7E-08	4.2E-08	1.3E-09	1.6E-10	2.1E-12
Benzo(e)pyrene		3.4E-14	1.0E-09	1.3E-10	1.7E-18
Benzo(g,h,i)perylene		2.5E-14	7.7E-10	9.6E-11	1.2E-18
Benzo(k)fluoranthene	3.5E-08	3.2E-08	1.2E-11	1.5E-12	1.6E-12
Biphenyl		3.3E-15	1.1E-07	1.4E-08	2.0E-15
Chrysene	2.7E-08	2.5E-08	5.1E-09	6.4E-10	1.2E-12
Dibenze(a,h)anthracene	3.4E-13	3.1E-13	1.9E-10	2.3E-11	1.5E-17
Fluoranthene	6.7E-14	6.1E-14	7.5E-09	9.4E-10	3.0E-18
Fluorene			1.9E-08	2.3E-09	
Indeno(1,2,3-cd)pyrene	1.1E-08	1.0E-08	6.2E-10	7.7E-11	5.0E-13
Napthalene			1.5E-07	1.9E-08	
Perylene		1.3E-14	4.6E-10	5.8E-11	6.5E-19
Phenanthrene			3.5E-08	4.4E-09	
Pyrene	2.5E-13	2.3E-13	7.3E-09	9.1E-10	6.4E-15
Particulate					
Particulate Total Suspended Particulate		3.0E-09	2.3E-05	2.9E-06	1.5E-13
PM<10		3.8E-09	3.1E-05	3.9E-06	1.9E-13
PM<2.5		3.2E-09	2.6E-05	3.3E-06	1.6E-13
PCBs					
Dichlorobiphenyl	6.5E-16	5.5E-16	9.3E-11	1.2E-11	5.1E-17
Heptachlorobiphenyl	7.5E-17	6.3E-17	1.3E-12	1.6E-13	3.2E-18

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Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Hexachlorobiphenyl	3.4E-16	2.9E-16	5.3E-12	6.7E-13	1.5E-17
Monochlorobiphenyl	4.5E-15	3.8E-15	6.5E-10	8.1E-11	3.5E-16
Nonachlorobiphenyl	1.3E-17	1.1E-17	1.8E-13	2.2E-14	5.7E-19
Octachlorobiphenyl	2.4E-17	2.0E-17	3.9E-13	4.9E-14	1.0E-18
Pentachlorobiphenyl	1.2E-15	1.0E-15	1.8E-11	2.3E-12	5.2E-17
Tetrachlorobiphenyl	2.5E-16	2.1E-16	3.0E-11	3.8E-12	2.0E-17
Trichlorobiphenyl	3.0E-16	2.5E-16	3.8E-11	4.8E-12	2.3E-17
Pesticides					
Chlordecone (Kepone)	1.3E-06	1.5E-06			7.3E-11
DDE		2.1E-07			6.5E-09
SVOCs					
1,2,4-trichlorobenzene			2.7E-10	3.4E-11	
1,2-dichlorobenzene			1.1E-10	1.4E-11	
1,3-Butadiene			2.2E-05		
1,3-dichlorobenzene			1.6E-10	2.0E-11	
1,4-dichlorobenzene			1.5E-09	1.9E-10	
2,4-Dimethylphenol			2.4E-08	3.0E-09	
2-Chlorophenol			4.7E-09	5.9E-10	
2-Methylphenol			5.6E-08	7.0E-09	
2-Nitrophenol			7.6E-09	9.4E-10	
3-Methylphenol & 4-Methylphenol		3.7E-12	1.0E-07	1.3E-08	1.8E-16
4-Nitrophenol			1.3E-08	1.6E-09	

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Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			1.2E-07	1.5E-08	
Benzoic acid			5.4E-07	6.7E-08	
Benzyl alcohol			4.5E-09	5.6E-10	
bis(2-Ethylhexyl) phthalate	6.7E-12	8.0E-12	1.9E-07	2.4E-08	3.9E-16
Butyl benzyl phthalate	3.3E-15	3.8E-15	6.0E-09	7.5E-10	1.9E-19
Carbazole		1.4E-14	1.7E-10	2.1E-11	6.9E-19
Dibenzofuran	1.4E-16	5.7E-16	9.5E-09	1.2E-09	2.4E-16
Dimethyl phthalate			3.3E-10	4.2E-11	
Di-n-butyl phthalate	3.3E-15	3.9E-15	9.2E-09	1.1E-09	1.9E-19
Di-n-octyl phthalate	9.4E-15	1.1E-14	6.4E-10	8.0E-11	5.5E-19
Hexachlorobutadiene			4.4E-08	5.5E-09	
Isopropanol			3.4E-04		
Phenol			3.0E-07	3.8E-08	
Pyridine			2.9E-08	3.6E-09	
TRS					
Total Reduced Sulfur			2.9E-07	3.6E-08	
VOCs					
1,1,1,2-Tetrachloroethane			1.3E-10	1.7E-11	
1,1,1-Trichloroethane			1.3E-10	1.7E-11	
1,1-Dichloroethene			2.6E-11	3.2E-12	
1,2,3-Trichlorobenzene			5.3E-10	6.7E-11	
1,2,3-Trichloropropane			1.1E-10	1.4E-11	

Table H-44 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			6.2E-09	7.8E-10	
1,2-Dibromoethane			6.9E-11	8.6E-12	
1,2-Dichloroethane			2.8E-09	1.0E-06	
1,3,5-Trimethylbenzene			5.9E-09	7.3E-10	
1,3-Dichloropropane			6.7E-11	8.4E-12	
2-Butanone			3.3E-08	4.1E-09	
2-Chlorotoluene			1.5E-09	1.8E-10	
2-Hexanone			6.8E-09	8.4E-10	
Benzene			8.4E-05	9.7E-06	
Bromobenzene			3.7E-08	4.7E-09	
Bromochloromethane			8.8E-11	1.1E-11	
Bromodichloromethane			9.5E-11	1.2E-11	
Bromomethane			3.8E-09	4.8E-10	
Carbon disulfide			3.3E-09	4.2E-10	
Carbon tetrachloride			1.5E-04	1.5E-05	
Chlorobenzene			4.8E-09	6.0E-10	
Chlorodibromomethane			2.4E-09	3.0E-10	
Chloroethane			9.1E-09	1.1E-09	
Chloroform			2.2E-05	2.4E-06	
Chloromethane			3.1E-08	3.9E-09	
cis-1,2-Dichloroethene			4.0E-09	5.0E-10	
cis-1,3-Dichloropropene			2.4E-11	3.0E-12	

Table H-44 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			2.0E-10	2.5E-11	
Dichlorodifluoromethane			2.5E-10	3.1E-11	
Ethylbenzene			2.7E-05	2.4E-08	
Isopropylbenzene			1.6E-08	2.0E-09	
m&p-Xylene			3.6E-08	4.6E-09	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.6E-10	4.5E-11	
Methylene chloride			1.8E-08	2.3E-09	
n-Butylbenzene			7.8E-09	9.7E-10	
n-Propylbenzene			9.4E-09	1.2E-09	
o-Xylene			2.3E-08	2.9E-09	
p-Chlorotoluene			5.5E-10	6.9E-11	
p-Isopropyltoluene			3.8E-09	4.8E-10	
sec-Butylbenzene			1.4E-09	1.8E-10	
Styrene			5.1E-07	6.4E-08	
tert-Butylbenzene			4.6E-08	5.7E-09	
Tetrachloroethene			1.2E-10	1.5E-11	
Toluene			3.2E-07	3.9E-08	
trans-1,2-Dichloroethene			8.4E-08	1.1E-08	
trans-1,3-Dichloropropene			4.2E-11	5.3E-12	
Trichloroethene			7.3E-12	9.1E-13	
Trichlorofluoromethane			8.7E-11	1.1E-11	
Vinyl chloride			5.0E-09	6.2E-10	

Table H-45 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						1.2E-05	2.8E-05	1.5E-06	1.5E-06		
Aldehydes											
Acetaldehyde	1.3E-15					2.1E-05	4.8E-05	2.6E-06	2.6E-06		
Formaldehyde	6.5E-15					4.6E-02	2.0E-05	1.1E-06	1.1E-06		
Propionaldehyde				3.2E-17	9.0E-17	2.3E-06	5.2E-06	2.8E-07	2.8E-07	2.4E-13	1.5E-12
CO											
Carbon monoxide						6.4E-04	1.5E-03	8.0E-05	8.0E-05		
CO2											
Carbon dioxide						2.0E-05	4.6E-05	2.5E-06	2.5E-06		
Criteria											
Sulfur Dioxide						5.4E-06	1.2E-05	6.8E-07	6.8E-07		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-20	1.1E-17	1.5E-17	4.2E-17	1.2E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	2.1E-18	1.3E-17
1,2,3,4,6,7,8-HpCDF	1.3E-20	1.1E-17	1.5E-17	4.3E-17	1.2E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	2.1E-18	1.3E-17
1,2,3,4,7,8,9-HpCDF	2.1E-21	1.2E-18	1.7E-18	4.9E-18	1.4E-17	1.6E-12	3.6E-12	1.9E-13	1.9E-13	2.4E-19	1.5E-18
1,2,3,4,7,8-HxCDD	1.6E-20	1.2E-18	1.7E-18	4.8E-18	1.3E-17	1.5E-12	3.3E-12	1.8E-13	1.8E-13	2.4E-19	1.5E-18
1,2,3,4,7,8-HxCDF	1.1E-19	9.7E-18	1.4E-17	3.8E-17	1.1E-16	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.9E-18	1.2E-17
1,2,3,6,7,8-HxCDD	3.1E-20	2.5E-18	3.5E-18	9.8E-18	2.7E-17	3.1E-12	7.1E-12	3.8E-13	3.8E-13	4.8E-19	3.0E-18
1,2,3,6,7,8-HxCDF	4.0E-20	3.2E-18	4.4E-18	1.2E-17	3.5E-17	3.8E-12	8.8E-12	4.8E-13	4.8E-13	6.1E-19	3.8E-18
1,2,3,7,8,9-HxCDD	4.3E-20	3.9E-18	5.5E-18	1.5E-17	4.3E-17	4.6E-12	1.1E-11	5.8E-13	5.8E-13	7.6E-19	4.7E-18
1,2,3,7,8,9-HxCDF	3.4E-21	2.3E-19	3.2E-19	8.9E-19	2.5E-18	2.9E-13	6.8E-13	3.7E-14	3.7E-14	4.4E-20	2.7E-19
1,2,3,7,8-PeCDD	9.8E-20	1.4E-18	1.9E-18	5.4E-18	1.5E-17	1.8E-12	4.3E-12	2.3E-13	2.3E-13	2.7E-19	1.6E-18
1,2,3,7,8-PeCDF	1.4E-19	1.6E-18	2.3E-18	6.4E-18	1.8E-17	2.6E-12	6.1E-12	3.3E-13	3.3E-13	3.1E-19	1.9E-18

Table H-45 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.8E-20	5.0E-18	6.9E-18	2.0E-17	5.5E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	9.6E-19	5.9E-18
2,3,4,7,8-PeCDF	2.1E-19	3.9E-18	5.4E-18	1.5E-17	4.3E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	7.5E-19	4.6E-18
2,3,7,8-TCDD	3.4E-20	2.8E-19	4.0E-19	1.1E-18	3.1E-18	7.4E-13	1.7E-12	9.3E-14	9.3E-14	3.8E-17	2.3E-16
2,3,7,8-TCDF	1.1E-19	5.1E-19	7.2E-19	2.0E-18	5.7E-18	2.7E-12	6.3E-12	3.4E-13	3.4E-13	9.9E-20	6.1E-19
OCDD	1.7E-22	7.3E-18	1.0E-17	2.9E-17	8.0E-17	8.0E-12	1.9E-11	1.0E-12	1.0E-12	1.4E-18	8.6E-18
OCDF	6.5E-23	2.8E-18	3.9E-18	1.1E-17	3.1E-17	3.0E-12	7.0E-12	3.8E-13	3.8E-13	5.4E-19	3.3E-18
HCN											
Hydrogen cyanide						2.3E-06	5.2E-06	2.8E-07	2.8E-07		
Metals											
Aluminum				1.5E-04	2.8E-04					7.2E-06	3.0E-05
Antimony	2.2E-19			5.4E-09	2.1E-08	1.5E-07	3.4E-07	1.9E-08	1.9E-08	2.6E-10	2.2E-09
Arsenic	1.2E-17	5.1E-09	3.3E-09	1.2E-08	1.6E-08	8.5E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-10	2.8E-09
Barium	2.6E-14			2.5E-11	7.1E-11	1.8E-06	4.2E-06	2.2E-07	2.2E-07	1.2E-12	7.7E-12
Beryllium	4.7E-19			1.5E-17	4.2E-17	6.1E-10	1.4E-09	7.7E-11	7.7E-11	7.3E-19	4.5E-18
Cadmium	1.2E-16			1.2E-17	3.3E-17	1.1E-08	2.5E-08	1.4E-09	1.4E-09	5.7E-19	3.5E-18
Chromium	3.1E-17			7.6E-13	2.1E-12	9.2E-08	2.1E-07	1.2E-08	1.2E-08	3.7E-14	2.3E-13
Cobalt				3.8E-07	5.3E-07	1.4E-07	3.2E-07	1.8E-08	1.8E-08	1.9E-08	5.7E-08
Copper				2.8E-12	7.8E-12	2.5E-07	5.9E-07	3.2E-08	3.2E-08	1.4E-13	8.4E-13
Iron				3.2E-04	5.4E-04					1.6E-05	5.8E-05
Lead	9.9E-20			1.5E-06	3.3E-06	8.5E-08	2.0E-07	1.1E-08	1.1E-08	7.5E-08	3.5E-07
Manganese				1.1E-14	3.2E-14	7.8E-08	1.8E-07	9.7E-09	9.7E-09	5.6E-16	3.4E-15
Mercury (+2)				2.4E-16	6.9E-16	3.4E-10	7.8E-10	4.2E-11	4.2E-11	1.2E-17	7.4E-17
Mercury, elemental				2.4E-08	6.3E-10	1.4E-12	3.2E-12	1.8E-13	1.8E-13	4.7E-05	2.9E-04
Methyl Mercury	9.3E-17			1.5E-17	4.1E-17					7.1E-19	4.4E-18

Table H-45 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	4.7E-17			8.0E-06	1.0E-05	5.0E-08	1.1E-07	6.2E-09	6.2E-09	3.9E-07	1.1E-06
Phosphorus				1.1E-16	3.0E-16	3.8E-07	8.7E-07	4.7E-08	4.7E-08	1.0E-12	6.4E-12
Selenium	3.9E-18			5.8E-19	1.6E-18	2.5E-09	5.8E-09	3.1E-10	3.1E-10	2.8E-20	1.7E-19
Silver	2.7E-18			9.3E-15	2.6E-14	1.6E-09	3.8E-09	2.0E-10	2.0E-10	4.5E-16	2.8E-15
Thallium (Soluble Salts)					2.4E-09						2.6E-10
Titanium				1.1E-16	3.2E-16	8.7E-10	2.0E-09	1.1E-10	1.1E-10	5.6E-18	3.5E-17
Zinc	5.8E-14			2.6E-15	7.4E-15	2.0E-06	4.5E-06	2.4E-07	2.4E-07	1.3E-16	8.0E-16
NOx											
NOx (Oxides of Nitrogen)						2.2E-05	5.2E-05	2.8E-06	2.8E-06		
PAHs											
1-Methylnaphthalene		3.4E-18	4.8E-18	3.1E-18	8.7E-18	4.7E-07	1.1E-06	5.9E-08	5.9E-08	3.5E-15	2.2E-14
1-Methylphenanthrene				2.1E-15	5.8E-15	5.6E-08	1.3E-07	7.0E-09	7.0E-09	1.0E-16	6.2E-16
2,3,5-Trimethylnaphthalene				9.7E-16	2.7E-15	2.8E-08	6.4E-08	3.5E-09	3.5E-09	4.7E-17	2.9E-16
2,6-Dimethylnaphthalene				2.6E-15	7.4E-15	7.4E-08	1.7E-07	9.2E-09	9.2E-09	1.3E-16	8.0E-16
2-Methylnaphthalene		3.3E-18	4.6E-18	3.0E-18	8.4E-18	4.6E-07	1.1E-06	5.7E-08	5.7E-08	3.4E-15	2.1E-14
Acenaphthylene				8.5E-15	2.4E-14	2.7E-07	6.2E-07	3.4E-08	3.4E-08	4.2E-16	2.6E-15
Acenaphthene	4.8E-17					4.9E-08	1.1E-07	6.2E-09	6.2E-09		
Anthracene	6.1E-16					8.7E-08	2.0E-07	1.1E-08	1.1E-08		
Benzo(a)anthracene	8.8E-14	3.2E-10	7.3E-09	2.9E-10	1.3E-08	4.3E-08	9.9E-08	5.3E-09	5.3E-09	4.3E-09	2.7E-08
Benzo(a)pyrene	4.4E-14	3.7E-10	8.0E-09	3.4E-10	1.5E-08	1.7E-08	3.9E-08	2.1E-09	2.1E-09	1.6E-11	1.6E-09
Benzo(b)fluoranthene	1.2E-14	6.7E-10	1.1E-08	6.1E-10	2.0E-08	1.9E-08	4.3E-08	2.3E-09	2.3E-09	3.0E-11	2.2E-09
Benzo(e)pyrene				4.9E-16	1.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	2.4E-17	1.5E-16
Benzo(g,h,i)perylene				3.6E-16	1.0E-15	1.1E-08	2.5E-08	1.4E-09	1.4E-09	1.8E-17	1.1E-16
Benzo(k)fluoranthene	8.8E-17	5.0E-10	5.7E-09	4.6E-10	1.0E-08	1.7E-10	3.8E-10	2.1E-11	2.1E-11	2.2E-11	1.1E-09

Table H-45 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				4.8E-17	1.3E-16	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.8E-14	1.7E-13
Chrysene	1.5E-14	3.9E-10	8.2E-09	3.5E-10	1.5E-08	7.3E-08	1.7E-07	9.1E-09	9.1E-09	1.7E-11	1.6E-09
Dibenze(a,h)anthracene	2.1E-15	3.8E-15	2.0E-09	3.4E-15	3.6E-09	2.7E-09	6.1E-09	3.3E-10	3.3E-10	1.7E-16	3.9E-10
Fluoranthene	4.0E-15	8.6E-16	1.2E-15	7.8E-16	2.2E-15	1.1E-07	2.5E-07	1.3E-08	1.3E-08	3.8E-17	2.4E-16
Fluorene	8.7E-16					2.7E-07	6.2E-07	3.3E-08	3.3E-08		
Indeno(1,2,3-cd)pyrene	5.4E-15	1.6E-10	5.2E-09	1.5E-10	9.5E-09	8.8E-09	2.0E-08	1.1E-09	1.1E-09	7.2E-12	1.0E-09
Napthalene	4.0E-16					2.1E-06	4.9E-06	2.7E-07	2.7E-07		
Perylene				1.9E-16	5.3E-16	6.6E-09	1.5E-08	8.2E-10	8.2E-10	9.2E-18	5.7E-17
Phenanthrene	4.2E-15					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
Pyrene	2.9E-15	2.4E-15	3.3E-15	2.2E-15	6.0E-15	1.0E-07	2.4E-07	1.3E-08	1.3E-08	6.0E-14	3.7E-13
Particulate											
Particulate Total Suspended Particulate				4.3E-11	1.2E-10	3.3E-04	7.7E-04	4.2E-05	4.2E-05	2.1E-12	1.3E-11
PM<10				5.5E-11	1.5E-10	4.4E-04	1.0E-03	5.5E-05	5.5E-05	2.7E-12	1.6E-11
PM<2.5				4.5E-11	1.3E-10	3.8E-04	8.7E-04	4.7E-05	4.7E-05	2.2E-12	1.4E-11
PCBs											
Dichlorobiphenyl	8.7E-17	5.1E-18	7.1E-18	4.3E-18	1.2E-17	1.3E-09	3.1E-09	1.7E-10	1.7E-10	4.0E-16	2.5E-15
Heptachlorobiphenyl	3.3E-18	5.8E-19	8.1E-19	4.9E-19	1.4E-18	1.8E-11	4.2E-11	2.3E-12	2.3E-12	2.5E-17	1.5E-16
Hexachlorobiphenyl	1.3E-17	2.6E-18	3.6E-18	2.2E-18	6.2E-18	7.6E-11	1.8E-10	9.5E-12	9.5E-12	1.1E-16	6.9E-16
Monochlorobiphenyl	6.1E-16	3.5E-17	4.9E-17	3.0E-17	8.3E-17	9.2E-09	2.1E-08	1.2E-09	1.2E-09	2.8E-15	1.7E-14
Nonachlorobiphenyl	4.1E-19	1.0E-19	1.4E-19	8.6E-20	2.4E-19	2.6E-12	5.9E-12	3.2E-13	3.2E-13	4.4E-18	2.7E-17
Octachlorobiphenyl	9.7E-19	1.9E-19	2.6E-19	1.6E-19	4.4E-19	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.1E-18	5.0E-17
Pentachlorobiphenyl	4.4E-17	9.4E-18	1.3E-17	7.9E-18	2.2E-17	2.6E-10	6.0E-10	3.3E-11	3.3E-11	4.0E-16	2.5E-15
Tetrachlorobiphenyl	2.6E-17	1.9E-18	2.7E-18	1.6E-18	4.6E-18	4.3E-10	9.9E-10	5.4E-11	5.4E-11	1.5E-16	9.4E-16
Trichlorobiphenyl	3.4E-17	2.3E-18	3.2E-18	2.0E-18	5.5E-18	5.5E-10	1.3E-09	6.8E-11	6.8E-11	1.8E-16	1.1E-15

Table H-45 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
Chlordecone (Kepone)		1.8E-08		2.1E-08						1.0E-09	
DDE				2.9E-09	3.1E-09					9.3E-08	5.7E-07
Dieldrin			1.4E-10		3.4E-10						3.6E-11
SVOCs											
1,2,4-trichlorobenzene						3.9E-09	8.9E-09	4.8E-10	4.8E-10		
1,2-dichlorobenzene	3.9E-20					1.6E-09	3.6E-09	1.9E-10	1.9E-10		
1,3-Butadiene						3.1E-04					
1,3-dichlorobenzene	9.9E-20					2.3E-09	5.4E-09	2.9E-10	2.9E-10		
1,4-dichlorobenzene	1.3E-18					2.2E-08	5.0E-08	2.7E-09	2.7E-09		
2,4-Dimethylphenol	3.6E-17					3.4E-07	7.8E-07	4.2E-08	4.2E-08		
2-Chlorophenol	1.8E-18					6.8E-08	1.6E-07	8.5E-09	8.5E-09		
2-Methylphenol	7.5E-16					8.0E-07	1.8E-06	9.9E-08	9.9E-08		
2-Nitrophenol	4.6E-18					1.1E-07	2.5E-07	1.3E-08	1.3E-08		
3-Methylphenol & 4-Methylphenol				5.3E-14	1.5E-13	1.4E-06	3.3E-06	1.8E-07	1.8E-07	2.6E-15	1.6E-14
4-Nitrophenol	9.3E-18					1.8E-07	4.1E-07	2.2E-08	2.2E-08		
Acetophenone	5.6E-17					1.7E-06	3.9E-06	2.1E-07	2.1E-07		
Benzoic acid	2.3E-16					7.7E-06	1.8E-05	9.6E-07	9.6E-07		
Benzyl alcohol	1.4E-19					6.4E-08	1.5E-07	8.0E-09	8.0E-09		
bis(2-Ethylhexyl) phthalate	7.0E-15	9.6E-14	1.3E-13	1.1E-13	3.2E-13	2.7E-06	6.3E-06	3.4E-07	3.4E-07	5.5E-15	3.4E-14
Butyl benzyl phthalate	2.5E-15	4.6E-17	6.5E-17	5.5E-17	1.5E-16	8.5E-08	2.0E-07	1.1E-08	1.1E-08	2.7E-18	1.7E-17
Carbazole				2.0E-16	5.6E-16	2.4E-09	5.5E-09	3.0E-10	3.0E-10	9.8E-18	6.0E-17
Dibenzofuran		2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.4E-07	3.1E-07	1.7E-08	1.7E-08	3.5E-15	2.1E-14
Dimethyl phthalate	9.2E-19					4.8E-09	1.1E-08	5.9E-10	5.9E-10		

Table H-45 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-butyl phthalate	2.4E-14	4.6E-17	6.5E-17	5.5E-17	1.5E-16	1.3E-07	3.0E-07	1.6E-08	1.6E-08	2.7E-18	1.7E-17
Di-n-octyl phthalate	1.8E-19	1.3E-16	1.9E-16	1.6E-16	4.4E-16	9.2E-09	2.1E-08	1.1E-09	1.1E-09	7.8E-18	4.8E-17
Hexachlorobutadiene	9.6E-17					6.3E-07	1.5E-06	7.9E-08	7.9E-08		
Isopropanol						4.9E-03	3.2E-02				
p-Chloroaniline			4.7E-09		1.1E-08						1.2E-09
Phenol	2.1E-15					4.3E-06	9.9E-06	5.4E-07	5.4E-07		
Pyridine	1.1E-16					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
TRS											
Total Reduced Sulfur						4.2E-06	9.6E-06	5.2E-07	5.2E-07		
VOCs											
1,1,1,2-Tetrachloroethane	3.8E-20					1.9E-09	4.5E-09	2.4E-10	2.4E-10		
1,1,1-Trichloroethane	2.5E-21					1.9E-09	4.4E-09	2.4E-10	2.4E-10		
1,1-Dichloroethene	8.5E-23					3.7E-10	8.6E-10	4.6E-11	4.6E-11		
1,2,3-Trichlorobenzene	2.7E-18					7.6E-09	1.8E-08	9.5E-10	9.5E-10		
1,2,3-Trichloropropane	1.5E-20					1.5E-09	3.6E-09	1.9E-10	1.9E-10		
1,2,4-Trimethylbenzene						8.9E-08	2.1E-07	1.1E-08	1.1E-08		
1,2-Dibromoethane	5.3E-21					9.9E-10	2.3E-09	1.2E-10	1.2E-10		
1,2-Dichloroethane	1.7E-19					4.0E-08	6.3E-04	1.4E-05	1.4E-05		
1,3,5-Trimethylbenzene	8.6E-19					8.4E-08	1.9E-07	1.0E-08	1.0E-08		
1,3-Dichloropropane						9.6E-10	2.2E-09	1.2E-10	1.2E-10		
2-Butanone	3.5E-17					4.7E-07	1.1E-06	5.9E-08	5.9E-08		
2-Chlorotoluene						2.1E-08	4.9E-08	2.6E-09	2.6E-09		
2-Hexanone						9.7E-08	2.2E-07	1.2E-08	1.2E-08		
Benzene	2.8E-17					1.2E-03	3.8E-03	1.4E-04	1.4E-04		

Table H-45 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromobenzene						5.3E-07	1.2E-06	6.6E-08	6.6E-08		
Bromochloromethane						1.3E-09	2.9E-09	1.6E-10	1.6E-10		
Bromodichloromethane	4.5E-21					1.4E-09	4.8E-03	1.7E-10	1.7E-10		
Bromoform							2.2E-02				
Bromomethane	1.9E-20					5.4E-08	1.3E-07	6.8E-09	6.8E-09		
Carbon disulfide	1.8E-20					4.8E-08	1.1E-07	6.0E-09	6.0E-09		
Carbon tetrachloride	1.9E-21					2.1E-03	5.6E-03	2.2E-04	2.2E-04		
Chlorobenzene	6.7E-19					6.9E-08	1.6E-07	8.6E-09	8.6E-09		
Chlorodibromomethane	2.6E-19					3.4E-08	7.8E-08	4.2E-09	4.2E-09		
Chloroethane	5.3E-20					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
Chloroform	4.0E-20					3.1E-04	1.1E-02	3.4E-05	3.4E-05		
Chloromethane	1.4E-19					4.4E-07	1.0E-06	5.5E-08	5.5E-08		
cis-1,2-Dichloroethene	5.4E-20					5.7E-08	1.3E-07	7.1E-09	7.1E-09		
cis-1,3-Dichloropropene						3.5E-10	8.0E-10	4.3E-11	4.3E-11		
Dibromomethane	6.0E-21					2.9E-09	6.7E-09	3.6E-10	3.6E-10		
Dichlorodifluoromethane	6.7E-23					3.6E-09	8.2E-09	4.4E-10	4.4E-10		
Ethylbenzene	2.1E-17					3.9E-04	3.2E-03	3.5E-07	3.5E-07		
Isopropylbenzene	2.8E-20					2.3E-07	5.2E-07	2.8E-08	2.8E-08		
m&p-Xylene	3.4E-18					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Methyl Isobutyl Ketone (4-methyl-2-per	3.4E-20					5.1E-09	1.2E-08	6.4E-10	6.4E-10		
Methylene chloride	3.7E-19					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
n-Butylbenzene						1.1E-07	2.6E-07	1.4E-08	1.4E-08		
n-Propylbenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08		
o-Xylene	4.0E-18					3.3E-07	7.6E-07	4.1E-08	4.1E-08		

Table H-45 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
p-Chlorotoluene						7.9E-09	1.8E-08	9.9E-10	9.9E-10		
p-Isopropyltoluene						5.5E-08	1.3E-07	6.9E-09	6.9E-09		
sec-Butylbenzene						2.0E-08	4.7E-08	2.5E-09	2.5E-09		
Styrene	1.3E-16					7.3E-06	1.7E-05	9.1E-07	9.1E-07		
tert-Butylbenzene						6.5E-07	1.5E-06	8.2E-08	8.2E-08		
Tetrachloroethene	9.4E-21					1.7E-09	4.0E-09	2.2E-10	2.2E-10		
Toluene	2.2E-17					4.5E-06	1.0E-05	5.6E-07	5.6E-07		
trans-1,2-Dichloroethene	8.4E-19					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
trans-1,3-Dichloropropene						6.0E-10	1.4E-09	7.5E-11	7.5E-11		
Trichloroethene	9.7E-23					1.0E-10	6.4E-03	1.3E-11	1.3E-11		
Trichlorofluoromethane	1.5E-22					1.2E-09	2.9E-09	1.6E-10	1.6E-10		
Vinyl chloride	6.9E-21					7.1E-08	1.6E-07	8.8E-09	8.8E-09		

Table H-46 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					3.2E-03	1.4E-06	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19

Table H-46 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.0E-02	2.0E-02					5.0E-07	2.1E-06
Antimony	1.6E-17			3.8E-07	1.4E-06	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.8E-11	1.5E-10
Arsenic	8.1E-16	3.6E-07	2.3E-07	8.5E-07	1.1E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	6.9E-11	2.0E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				2.6E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.3E-09	4.0E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				2.3E-02	3.7E-02					1.1E-06	4.0E-06
Lead	6.9E-18			1.1E-04	2.3E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.2E-09	2.5E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				1.7E-06	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	3.3E-06	2.0E-05
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19

Table H-46 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	7.1E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.7E-08	7.7E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Thallium (Soluble Salts)					1.7E-07						1.8E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	2.2E-08	5.1E-07	2.0E-08	9.3E-07	3.0E-09	6.9E-09	3.7E-10	3.7E-10	3.0E-10	1.9E-09
Benzo(a)pyrene	3.1E-12	2.6E-08	5.6E-07	2.4E-08	1.0E-06	1.2E-09	2.7E-09	1.5E-10	1.5E-10	1.2E-12	1.1E-10
Benzo(b)fluoranthene	8.3E-13	4.7E-08	7.9E-07	4.2E-08	1.4E-06	1.3E-09	3.0E-09	1.6E-10	1.6E-10	2.1E-12	1.5E-10
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	3.5E-08	4.0E-07	3.2E-08	7.2E-07	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.6E-12	7.8E-11

Table H-46 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.7E-08	5.7E-07	2.5E-08	1.0E-06	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.2E-12	1.1E-10
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	1.4E-07	3.1E-13	2.5E-07	1.9E-10	4.3E-10	2.3E-11	2.3E-11	1.5E-17	2.7E-11
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.1E-08	3.6E-07	1.0E-08	6.6E-07	6.2E-10	1.4E-09	7.7E-11	7.7E-11	5.0E-13	7.1E-11
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16

Table H-46 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
Chlordecone (Kepone)		1.3E-06		1.5E-06						7.3E-11	
DDE				2.1E-07	2.2E-07					6.5E-09	4.0E-08
Dieldrin			1.0E-08		2.4E-08						2.5E-12
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						2.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		

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Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						3.4E-04	2.3E-03				
p-Chloroaniline			3.3E-07		7.7E-07						8.4E-11
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	4.4E-05	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.4E-05	2.7E-04	9.7E-06	9.7E-06		

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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	3.4E-04	1.2E-11	1.2E-11		
Bromoform							1.5E-03				
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.5E-04	3.9E-04	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					2.2E-05	7.9E-04	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					2.7E-05	2.2E-04	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		

Table H-46 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					7.3E-12	4.5E-04	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10		

Table H-47 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						1.2E-05	2.8E-05	1.5E-06	1.5E-06		
Aldehydes											
Acetaldehyde	1.3E-15					2.1E-05	4.8E-05	2.6E-06	2.6E-06		
Formaldehyde	6.5E-15					4.6E-02	5.7E-01	1.1E-06	1.1E-06		
Propionaldehyde				3.2E-17	9.0E-17	2.3E-06	5.2E-06	2.8E-07	2.8E-07	2.4E-13	1.5E-12
CO											
Carbon monoxide						6.4E-04	1.5E-03	8.0E-05	8.0E-05		
CO2											
Carbon dioxide						2.0E-05	4.6E-05	2.5E-06	2.5E-06		
Criteria											
Sulfur Dioxide						5.4E-06	1.2E-05	6.8E-07	6.8E-07		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-20	1.1E-17	1.5E-17	4.2E-17	1.2E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	2.1E-18	1.3E-17
1,2,3,4,6,7,8-HpCDF	1.3E-20	1.1E-17	1.5E-17	4.3E-17	1.2E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	2.1E-18	1.3E-17
1,2,3,4,7,8,9-HpCDF	2.1E-21	1.2E-18	1.7E-18	4.9E-18	1.4E-17	1.6E-12	3.6E-12	1.9E-13	1.9E-13	2.4E-19	1.5E-18
1,2,3,4,7,8-HxCDD	1.6E-20	1.2E-18	1.7E-18	4.8E-18	1.3E-17	1.5E-12	3.3E-12	1.8E-13	1.8E-13	2.4E-19	1.5E-18
1,2,3,4,7,8-HxCDF	1.1E-19	9.7E-18	1.4E-17	3.8E-17	1.1E-16	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.9E-18	1.2E-17
1,2,3,6,7,8-HxCDD	3.1E-20	2.5E-18	3.5E-18	9.8E-18	2.7E-17	3.1E-12	7.1E-12	3.8E-13	3.8E-13	4.8E-19	3.0E-18
1,2,3,6,7,8-HxCDF	4.0E-20	3.2E-18	4.4E-18	1.2E-17	3.5E-17	3.8E-12	8.8E-12	4.8E-13	4.8E-13	6.1E-19	3.8E-18
1,2,3,7,8,9-HxCDD	4.3E-20	3.9E-18	5.5E-18	1.5E-17	4.3E-17	4.6E-12	1.1E-11	5.8E-13	5.8E-13	7.6E-19	4.7E-18
1,2,3,7,8,9-HxCDF	3.4E-21	2.3E-19	3.2E-19	8.9E-19	2.5E-18	2.9E-13	6.8E-13	3.7E-14	3.7E-14	4.4E-20	2.7E-19
1,2,3,7,8-PeCDD	9.8E-20	1.4E-18	1.9E-18	5.4E-18	1.5E-17	1.8E-12	4.3E-12	2.3E-13	2.3E-13	2.7E-19	1.6E-18
1,2,3,7,8-PeCDF	1.4E-19	1.6E-18	2.3E-18	6.4E-18	1.8E-17	2.6E-12	6.1E-12	3.3E-13	3.3E-13	3.1E-19	1.9E-18

Table H-47 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.8E-20	5.0E-18	6.9E-18	2.0E-17	5.5E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	9.6E-19	5.9E-18
2,3,4,7,8-PeCDF	2.1E-19	3.9E-18	5.4E-18	1.5E-17	4.3E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	7.5E-19	4.6E-18
2,3,7,8-TCDD	3.4E-20	2.8E-19	4.0E-19	1.1E-18	3.1E-18	7.4E-13	1.7E-12	9.3E-14	9.3E-14	3.8E-17	2.3E-16
2,3,7,8-TCDF	1.1E-19	5.1E-19	7.2E-19	2.0E-18	5.7E-18	2.7E-12	6.3E-12	3.4E-13	3.4E-13	9.9E-20	6.1E-19
OCDD	1.7E-22	7.3E-18	1.0E-17	2.9E-17	8.0E-17	8.0E-12	1.9E-11	1.0E-12	1.0E-12	1.4E-18	8.6E-18
OCDF	6.5E-23	2.8E-18	3.9E-18	1.1E-17	3.1E-17	3.0E-12	7.0E-12	3.8E-13	3.8E-13	5.4E-19	3.3E-18
HCN											
Hydrogen cyanide						2.3E-06	5.2E-06	2.8E-07	2.8E-07		
Metals											
Aluminum				1.5E-04	3.4E-04					7.2E-06	3.7E-05
Antimony	2.2E-19			5.4E-09	6.8E-09	1.5E-07	3.4E-07	1.9E-08	1.9E-08	2.6E-10	7.4E-10
Arsenic	1.2E-17	5.1E-09	6.5E-09	1.2E-08	3.1E-08	8.5E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-10	5.5E-09
Barium	2.6E-14			2.5E-11	7.1E-11	1.8E-06	4.2E-06	2.2E-07	2.2E-07	1.2E-12	7.7E-12
Beryllium	4.7E-19			1.5E-17	4.2E-17	6.1E-10	1.4E-09	7.7E-11	7.7E-11	7.3E-19	4.5E-18
Cadmium	1.2E-16			1.2E-17	3.3E-17	1.1E-08	2.5E-08	1.4E-09	1.4E-09	5.7E-19	3.5E-18
Chromium	3.1E-17			7.6E-13	2.1E-12	9.2E-08	2.1E-07	1.2E-08	1.2E-08	3.7E-14	2.3E-13
Cobalt				3.8E-07	5.3E-07	1.4E-07	3.2E-07	1.8E-08	1.8E-08	1.9E-08	5.7E-08
Copper				2.8E-12	7.8E-12	2.5E-07	5.9E-07	3.2E-08	3.2E-08	1.4E-13	8.4E-13
Iron				3.2E-04	5.7E-04					1.6E-05	6.1E-05
Lead	9.9E-20			1.5E-06	7.5E-07	8.5E-08	2.0E-07	1.1E-08	1.1E-08	7.5E-08	8.1E-08
Manganese				1.1E-14	3.2E-14	7.8E-08	1.8E-07	9.7E-09	9.7E-09	5.6E-16	3.4E-15
Mercury (+2)				2.4E-16	6.9E-16	3.4E-10	7.8E-10	4.2E-11	4.2E-11	1.2E-17	7.4E-17
Mercury, elemental				2.4E-08	3.9E-10	1.4E-12	3.2E-12	1.8E-13	1.8E-13	4.7E-05	2.9E-04
Methyl Mercury	9.3E-17			1.5E-17	4.1E-17					7.1E-19	4.4E-18

Table H-47 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	4.7E-17			8.0E-06	1.1E-05	5.0E-08	1.1E-07	6.2E-09	6.2E-09	3.9E-07	1.2E-06
Phosphorus				1.1E-16	3.0E-16	3.8E-07	8.7E-07	4.7E-08	4.7E-08	1.0E-12	6.4E-12
Selenium	3.9E-18			5.8E-19	1.6E-18	2.5E-09	5.8E-09	3.1E-10	3.1E-10	2.8E-20	1.7E-19
Silver	2.7E-18			9.3E-15	2.6E-14	1.6E-09	3.8E-09	2.0E-10	2.0E-10	4.5E-16	2.8E-15
Thallium (Soluble Salts)					2.1E-09						2.2E-10
Titanium				1.1E-16	3.2E-16	8.7E-10	2.0E-09	1.1E-10	1.1E-10	5.6E-18	3.5E-17
Zinc	5.8E-14			2.6E-15	7.4E-15	2.0E-06	4.5E-06	2.4E-07	2.4E-07	1.3E-16	8.0E-16
NOx											
NOx (Oxides of Nitrogen)						2.2E-05	5.2E-05	2.8E-06	2.8E-06		
PAHs											
1-Methylnaphthalene		3.4E-18	4.8E-18	3.1E-18	8.7E-18	4.7E-07	1.1E-06	5.9E-08	5.9E-08	3.5E-15	2.2E-14
1-Methylphenanthrene				2.1E-15	5.8E-15	5.6E-08	1.3E-07	7.0E-09	7.0E-09	1.0E-16	6.2E-16
2,3,5-Trimethylnaphthalene				9.7E-16	2.7E-15	2.8E-08	6.4E-08	3.5E-09	3.5E-09	4.7E-17	2.9E-16
2,6-Dimethylnaphthalene				2.6E-15	7.4E-15	7.4E-08	1.7E-07	9.2E-09	9.2E-09	1.3E-16	8.0E-16
2-Methylnaphthalene		3.3E-18	4.6E-18	3.0E-18	8.4E-18	4.6E-07	1.1E-06	5.7E-08	5.7E-08	3.4E-15	2.1E-14
Acenaphthylene				8.5E-15	2.4E-14	2.7E-07	6.2E-07	3.4E-08	3.4E-08	4.2E-16	2.6E-15
Acenaphthene	4.8E-17					4.9E-08	1.1E-07	6.2E-09	6.2E-09		
Anthracene	6.1E-16					8.7E-08	2.0E-07	1.1E-08	1.1E-08		
Benzo(a)anthracene	8.8E-14	3.2E-10	3.3E-14	2.9E-10	6.0E-14	4.3E-08	9.9E-08	5.3E-09	5.3E-09	4.3E-09	2.7E-08
Benzo(a)pyrene	4.4E-14	3.7E-10	1.5E-14	3.4E-10	2.8E-14	1.7E-08	3.9E-08	2.1E-09	2.1E-09	1.6E-11	3.0E-15
Benzo(b)fluoranthene	1.2E-14	6.7E-10	8.8E-16	6.1E-10	1.6E-15	1.9E-08	4.3E-08	2.3E-09	2.3E-09	3.0E-11	1.7E-16
Benzo(e)pyrene				4.9E-16	1.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	2.4E-17	1.5E-16
Benzo(g,h,i)perylene				3.6E-16	1.0E-15	1.1E-08	2.5E-08	1.4E-09	1.4E-09	1.8E-17	1.1E-16
Benzo(k)fluoranthene	8.8E-17	5.0E-10	9.0E-16	4.6E-10	1.6E-15	1.7E-10	3.8E-10	2.1E-11	2.1E-11	2.2E-11	1.8E-16

Table H-47 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				4.8E-17	1.3E-16	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.8E-14	1.7E-13
Chrysene	1.5E-14	3.9E-10	4.1E-14	3.5E-10	7.5E-14	7.3E-08	1.7E-07	9.1E-09	9.1E-09	1.7E-11	8.1E-15
Dibenze(a,h)anthracene	2.1E-15	3.8E-15	5.3E-15	3.4E-15	9.6E-15	2.7E-09	6.1E-09	3.3E-10	3.3E-10	1.7E-16	1.0E-15
Fluoranthene	4.0E-15	8.6E-16	1.2E-15	7.8E-16	2.2E-15	1.1E-07	2.5E-07	1.3E-08	1.3E-08	3.8E-17	2.4E-16
Fluorene	8.7E-16					2.7E-07	6.2E-07	3.3E-08	3.3E-08		
Indeno(1,2,3-cd)pyrene	5.4E-15	1.6E-10	1.5E-14	1.5E-10	2.7E-14	8.8E-09	2.0E-08	1.1E-09	1.1E-09	7.2E-12	3.0E-15
Napthalene	4.0E-16					2.1E-06	4.9E-06	2.7E-07	2.7E-07		
Perylene				1.9E-16	5.3E-16	6.6E-09	1.5E-08	8.2E-10	8.2E-10	9.2E-18	5.7E-17
Phenanthrene	4.2E-15					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
Pyrene	2.9E-15	2.4E-15	3.3E-15	2.2E-15	6.0E-15	1.0E-07	2.4E-07	1.3E-08	1.3E-08	6.0E-14	3.7E-13
Particulate											
Particulate Total Suspended Particulate				4.3E-11	1.2E-10	3.3E-04	7.7E-04	4.2E-05	4.2E-05	2.1E-12	1.3E-11
PM<10				5.5E-11	1.5E-10	4.4E-04	1.0E-03	5.5E-05	5.5E-05	2.7E-12	1.6E-11
PM<2.5				4.5E-11	1.3E-10	3.8E-04	8.7E-04	4.7E-05	4.7E-05	2.2E-12	1.4E-11
PCBs											
Dichlorobiphenyl	8.7E-17	5.1E-18	7.1E-18	4.3E-18	1.2E-17	1.3E-09	3.1E-09	1.7E-10	1.7E-10	4.0E-16	2.5E-15
Heptachlorobiphenyl	3.3E-18	5.8E-19	8.1E-19	4.9E-19	1.4E-18	1.8E-11	4.2E-11	2.3E-12	2.3E-12	2.5E-17	1.5E-16
Hexachlorobiphenyl	1.3E-17	2.6E-18	3.6E-18	2.2E-18	6.2E-18	7.6E-11	1.8E-10	9.5E-12	9.5E-12	1.1E-16	6.9E-16
Monochlorobiphenyl	6.1E-16	3.5E-17	4.9E-17	3.0E-17	8.3E-17	9.2E-09	2.1E-08	1.2E-09	1.2E-09	2.8E-15	1.7E-14
Nonachlorobiphenyl	4.1E-19	1.0E-19	1.4E-19	8.6E-20	2.4E-19	2.6E-12	5.9E-12	3.2E-13	3.2E-13	4.4E-18	2.7E-17
Octachlorobiphenyl	9.7E-19	1.9E-19	2.6E-19	1.6E-19	4.4E-19	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.1E-18	5.0E-17
Pentachlorobiphenyl	4.4E-17	9.4E-18	1.3E-17	7.9E-18	2.2E-17	2.6E-10	6.0E-10	3.3E-11	3.3E-11	4.0E-16	2.5E-15
Tetrachlorobiphenyl	2.6E-17	1.9E-18	2.7E-18	1.6E-18	4.6E-18	4.3E-10	9.9E-10	5.4E-11	5.4E-11	1.5E-16	9.4E-16
Trichlorobiphenyl	3.4E-17	2.3E-18	3.2E-18	2.0E-18	5.5E-18	5.5E-10	1.3E-09	6.8E-11	6.8E-11	1.8E-16	1.1E-15

Table H-47 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
Chlordecone (Kepone)		1.8E-08		2.1E-08						1.0E-09	
DDE				2.9E-09	1.1E-09					9.3E-08	5.7E-07
SVOCs											
1,2,4-trichlorobenzene						3.9E-09	8.9E-09	4.8E-10	4.8E-10		
1,2-dichlorobenzene	3.9E-20					1.6E-09	3.6E-09	1.9E-10	1.9E-10		
1,3-Butadiene						3.1E-04					
1,3-dichlorobenzene	9.9E-20					2.3E-09	5.4E-09	2.9E-10	2.9E-10		
1,4-dichlorobenzene	1.3E-18					2.2E-08	5.0E-08	2.7E-09	2.7E-09		
2,4-Dimethylphenol	3.6E-17					3.4E-07	7.8E-07	4.2E-08	4.2E-08		
2-Chlorophenol	1.8E-18					6.8E-08	1.6E-07	8.5E-09	8.5E-09		
2-Methylphenol	7.5E-16					8.0E-07	1.8E-06	9.9E-08	9.9E-08		
2-Nitrophenol	4.6E-18					1.1E-07	2.5E-07	1.3E-08	1.3E-08		
3-Methylphenol & 4-Methylphenol				5.3E-14	1.5E-13	1.4E-06	3.3E-06	1.8E-07	1.8E-07	2.6E-15	1.6E-14
4-Nitrophenol	9.3E-18					1.8E-07	4.1E-07	2.2E-08	2.2E-08		
Acetophenone	5.6E-17					1.7E-06	3.9E-06	2.1E-07	2.1E-07		
Benzoic acid	2.3E-16					7.7E-06	1.8E-05	9.6E-07	9.6E-07		
Benzyl alcohol	1.4E-19					6.4E-08	1.5E-07	8.0E-09	8.0E-09		
bis(2-Ethylhexyl) phthalate	7.0E-15	9.6E-14	1.3E-13	1.1E-13	3.2E-13	2.7E-06	6.3E-06	3.4E-07	3.4E-07	5.5E-15	3.4E-14
Butyl benzyl phthalate	2.5E-15	4.6E-17	6.5E-17	5.5E-17	1.5E-16	8.5E-08	2.0E-07	1.1E-08	1.1E-08	2.7E-18	1.7E-17
Carbazole				2.0E-16	5.6E-16	2.4E-09	5.5E-09	3.0E-10	3.0E-10	9.8E-18	6.0E-17
Dibenzofuran		2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.4E-07	3.1E-07	1.7E-08	1.7E-08	3.5E-15	2.1E-14
Dimethyl phthalate	9.2E-19					4.8E-09	1.1E-08	5.9E-10	5.9E-10		
Di-n-butyl phthalate	2.4E-14	4.6E-17	6.5E-17	5.5E-17	1.5E-16	1.3E-07	3.0E-07	1.6E-08	1.6E-08	2.7E-18	1.7E-17

Table H-47 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.8E-19	1.3E-16	1.9E-16	1.6E-16	4.4E-16	9.2E-09	2.1E-08	1.1E-09	1.1E-09	7.8E-18	4.8E-17
Hexachlorobutadiene	9.6E-17					6.3E-07	1.5E-06	7.9E-08	7.9E-08		
Isopropanol						4.9E-03					
Phenol	2.1E-15					4.3E-06	9.9E-06	5.4E-07	5.4E-07		
Pyridine	1.1E-16					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
TRS											
Total Reduced Sulfur						4.2E-06	9.6E-06	5.2E-07	5.2E-07		
VOCs											
1,1,1,2-Tetrachloroethane	3.8E-20					1.9E-09	4.5E-09	2.4E-10	2.4E-10		
1,1,1-Trichloroethane	2.5E-21					1.9E-09	4.4E-09	2.4E-10	2.4E-10		
1,1-Dichloroethene	8.5E-23					3.7E-10	8.6E-10	4.6E-11	4.6E-11		
1,2,3-Trichlorobenzene	2.7E-18					7.6E-09	1.8E-08	9.5E-10	9.5E-10		
1,2,3-Trichloropropane	1.5E-20					1.5E-09	3.6E-09	1.9E-10	1.9E-10		
1,2,4-Trimethylbenzene						8.9E-08	2.1E-07	1.1E-08	1.1E-08		
1,2-Dibromoethane	5.3E-21					9.9E-10	2.3E-09	1.2E-10	1.2E-10		
1,2-Dichloroethane	1.7E-19					4.0E-08	9.1E-08	1.4E-05	1.4E-05		
1,3,5-Trimethylbenzene	8.6E-19					8.4E-08	1.9E-07	1.0E-08	1.0E-08		
1,3-Dichloropropane						9.6E-10	2.2E-09	1.2E-10	1.2E-10		
2-Butanone	3.5E-17					4.7E-07	1.1E-06	5.9E-08	5.9E-08		
2-Chlorotoluene						2.1E-08	4.9E-08	2.6E-09	2.6E-09		
2-Hexanone						9.7E-08	2.2E-07	1.2E-08	1.2E-08		
Benzene	2.8E-17					1.2E-03	2.9E-05	1.4E-04	1.4E-04		
Bromobenzene						5.3E-07	1.2E-06	6.6E-08	6.6E-08		
Bromochloromethane						1.3E-09	2.9E-09	1.6E-10	1.6E-10		

Table H-47 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromodichloromethane	4.5E-21					1.4E-09	3.1E-09	1.7E-10	1.7E-10		
Bromomethane	1.9E-20					5.4E-08	1.3E-07	6.8E-09	6.8E-09		
Carbon disulfide	1.8E-20					4.8E-08	1.1E-07	6.0E-09	6.0E-09		
Carbon tetrachloride	1.9E-21					2.1E-03	7.2E-09	2.2E-04	2.2E-04		
Chlorobenzene	6.7E-19					6.9E-08	1.6E-07	8.6E-09	8.6E-09		
Chlorodibromomethane	2.6E-19					3.4E-08	7.8E-08	4.2E-09	4.2E-09		
Chloroethane	5.3E-20					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
Chloroform	4.0E-20					3.1E-04	6.5E-08	3.4E-05	3.4E-05		
Chloromethane	1.4E-19					4.4E-07	1.0E-06	5.5E-08	5.5E-08		
cis-1,2-Dichloroethene	5.4E-20					5.7E-08	1.3E-07	7.1E-09	7.1E-09		
cis-1,3-Dichloropropene						3.5E-10	8.0E-10	4.3E-11	4.3E-11		
Dibromomethane	6.0E-21					2.9E-09	6.7E-09	3.6E-10	3.6E-10		
Dichlorodifluoromethane	6.7E-23					3.6E-09	8.2E-09	4.4E-10	4.4E-10		
Ethylbenzene	2.1E-17					3.9E-04	6.5E-06	3.5E-07	3.5E-07		
Isopropylbenzene	2.8E-20					2.3E-07	5.2E-07	2.8E-08	2.8E-08		
m&p-Xylene	3.4E-18					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Methyl Isobutyl Ketone (4-methyl-2-per	3.4E-20					5.1E-09	1.2E-08	6.4E-10	6.4E-10		
Methylene chloride	3.7E-19					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
n-Butylbenzene						1.1E-07	2.6E-07	1.4E-08	1.4E-08		
n-Propylbenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08		
o-Xylene	4.0E-18					3.3E-07	7.6E-07	4.1E-08	4.1E-08		
p-Chlorotoluene						7.9E-09	1.8E-08	9.9E-10	9.9E-10		
p-Isopropyltoluene						5.5E-08	1.3E-07	6.9E-09	6.9E-09		
sec-Butylbenzene						2.0E-08	4.7E-08	2.5E-09	2.5E-09		

Table H-47 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Styrene	1.3E-16					7.3E-06	1.7E-05	9.1E-07	9.1E-07		
tert-Butylbenzene						6.5E-07	1.5E-06	8.2E-08	8.2E-08		
Tetrachloroethene	9.4E-21					1.7E-09	4.0E-09	2.2E-10	2.2E-10		
Toluene	2.2E-17					4.5E-06	1.0E-05	5.6E-07	5.6E-07		
trans-1,2-Dichloroethene	8.4E-19					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
trans-1,3-Dichloropropene						6.0E-10	1.4E-09	7.5E-11	7.5E-11		
Trichloroethene	9.7E-23					1.0E-10	2.4E-10	1.3E-11	1.3E-11		
Trichlorofluoromethane	1.5E-22					1.2E-09	2.9E-09	1.6E-10	1.6E-10		
Vinyl chloride	6.9E-21					7.1E-08	1.6E-07	8.8E-09	8.8E-09		

Table H-48 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					3.2E-03	4.0E-02	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18	
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18	
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19	
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19	
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18	
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19	
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19	
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19	
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20	
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19	
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19	

Table H-48 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.0E-02	2.4E-02					5.0E-07	2.6E-06
Antimony	1.6E-17			3.8E-07	4.8E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.8E-11	5.2E-11
Arsenic	8.1E-16	3.6E-07	4.6E-07	8.5E-07	2.2E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	6.9E-11	3.9E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				2.6E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.3E-09	4.0E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				2.3E-02	4.0E-02					1.1E-06	4.3E-06
Lead	6.9E-18			1.1E-04	5.3E-05	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.2E-09	5.7E-09
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				1.7E-06	2.7E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	3.3E-06	2.0E-05
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19

Table H-48 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	7.9E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.7E-08	8.5E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Thallium (Soluble Salts)					1.4E-07						1.6E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	2.2E-08	2.8E-12	2.0E-08	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	3.0E-10	1.9E-09
Benzo(a)pyrene	3.1E-12	2.6E-08	1.2E-12	2.4E-08	2.3E-12	1.2E-09	2.7E-09	1.5E-10	1.5E-10	1.2E-12	2.4E-16
Benzo(b)fluoranthene	8.3E-13	4.7E-08	7.3E-14	4.2E-08	1.3E-13	1.3E-09	3.0E-09	1.6E-10	1.6E-10	2.1E-12	1.4E-17
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	3.5E-08	9.7E-14	3.2E-08	1.8E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.6E-12	1.9E-17

Table H-48 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.7E-08	3.8E-12	2.5E-08	6.9E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.2E-12	7.4E-16
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	4.7E-13	3.1E-13	8.6E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	1.5E-17	9.3E-17
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.1E-08	1.3E-12	1.0E-08	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	5.0E-13	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16

Table H-48 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
Chlordecone (Kepone)		1.3E-06		1.5E-06						7.3E-11	
DDE				2.1E-07	7.8E-08					6.5E-09	4.0E-08
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						2.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18

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Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						3.4E-04					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.4E-05	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		

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										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.5E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					2.2E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					2.7E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		

Table H-48 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08			
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09			
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11			
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08			
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08			
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12			
Trichloroethene	6.8E-21					7.3E-12	1.7E-11	9.1E-13	9.1E-13			
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11			
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10			

Table H-49 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						1.2E-05	2.8E-05	1.5E-06	1.5E-06		
Aldehydes											
Acetaldehyde	1.3E-15					2.1E-05	4.8E-05	2.6E-06	2.6E-06		
Formaldehyde	6.5E-15					4.6E-02	3.8E-01	1.1E-06	1.1E-06		
Propionaldehyde				3.2E-17	9.0E-17	2.3E-06	5.2E-06	2.8E-07	2.8E-07	2.4E-13	1.5E-12
CO											
Carbon monoxide						6.4E-04	1.5E-03	8.0E-05	8.0E-05		
CO2											
Carbon dioxide						2.0E-05	4.6E-05	2.5E-06	2.5E-06		
Criteria											
Sulfur Dioxide						5.4E-06	1.2E-05	6.8E-07	6.8E-07		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-20	1.1E-17	1.5E-17	4.2E-17	1.2E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	2.1E-18	1.3E-17
1,2,3,4,6,7,8-HpCDF	1.3E-20	1.1E-17	1.5E-17	4.3E-17	1.2E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	2.1E-18	1.3E-17
1,2,3,4,7,8,9-HpCDF	2.1E-21	1.2E-18	1.7E-18	4.9E-18	1.4E-17	1.6E-12	3.6E-12	1.9E-13	1.9E-13	2.4E-19	1.5E-18
1,2,3,4,7,8-HxCDD	1.6E-20	1.2E-18	1.7E-18	4.8E-18	1.3E-17	1.5E-12	3.3E-12	1.8E-13	1.8E-13	2.4E-19	1.5E-18
1,2,3,4,7,8-HxCDF	1.1E-19	9.7E-18	1.4E-17	3.8E-17	1.1E-16	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.9E-18	1.2E-17
1,2,3,6,7,8-HxCDD	3.1E-20	2.5E-18	3.5E-18	9.8E-18	2.7E-17	3.1E-12	7.1E-12	3.8E-13	3.8E-13	4.8E-19	3.0E-18
1,2,3,6,7,8-HxCDF	4.0E-20	3.2E-18	4.4E-18	1.2E-17	3.5E-17	3.8E-12	8.8E-12	4.8E-13	4.8E-13	6.1E-19	3.8E-18
1,2,3,7,8,9-HxCDD	4.3E-20	3.9E-18	5.5E-18	1.5E-17	4.3E-17	4.6E-12	1.1E-11	5.8E-13	5.8E-13	7.6E-19	4.7E-18
1,2,3,7,8,9-HxCDF	3.4E-21	2.3E-19	3.2E-19	8.9E-19	2.5E-18	2.9E-13	6.8E-13	3.7E-14	3.7E-14	4.4E-20	2.7E-19
1,2,3,7,8-PeCDD	9.8E-20	1.4E-18	1.9E-18	5.4E-18	1.5E-17	1.8E-12	4.3E-12	2.3E-13	2.3E-13	2.7E-19	1.6E-18
1,2,3,7,8-PeCDF	1.4E-19	1.6E-18	2.3E-18	6.4E-18	1.8E-17	2.6E-12	6.1E-12	3.3E-13	3.3E-13	3.1E-19	1.9E-18

Table H-49 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.8E-20	5.0E-18	6.9E-18	2.0E-17	5.5E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	9.6E-19	5.9E-18
2,3,4,7,8-PeCDF	2.1E-19	3.9E-18	5.4E-18	1.5E-17	4.3E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	7.5E-19	4.6E-18
2,3,7,8-TCDD	3.4E-20	2.8E-19	4.0E-19	1.1E-18	3.1E-18	7.4E-13	1.7E-12	9.3E-14	9.3E-14	3.8E-17	2.3E-16
2,3,7,8-TCDF	1.1E-19	5.1E-19	7.2E-19	2.0E-18	5.7E-18	2.7E-12	6.3E-12	3.4E-13	3.4E-13	9.9E-20	6.1E-19
OCDD	1.7E-22	7.3E-18	1.0E-17	2.9E-17	8.0E-17	8.0E-12	1.9E-11	1.0E-12	1.0E-12	1.4E-18	8.6E-18
OCDF	6.5E-23	2.8E-18	3.9E-18	1.1E-17	3.1E-17	3.0E-12	7.0E-12	3.8E-13	3.8E-13	5.4E-19	3.3E-18
HCN											
Hydrogen cyanide						2.3E-06	5.2E-06	2.8E-07	2.8E-07		
Metals											
Aluminum				1.5E-04	2.7E-04					7.2E-06	3.0E-05
Antimony	2.2E-19			5.4E-09	2.4E-09	1.5E-07	3.4E-07	1.9E-08	1.9E-08	2.6E-10	2.6E-10
Arsenic	1.2E-17	5.1E-09	2.6E-09	1.2E-08	1.2E-08	8.5E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-10	2.2E-09
Barium	2.6E-14			2.5E-11	7.1E-11	1.8E-06	4.2E-06	2.2E-07	2.2E-07	1.2E-12	7.7E-12
Beryllium	4.7E-19			1.5E-17	4.2E-17	6.1E-10	1.4E-09	7.7E-11	7.7E-11	7.3E-19	4.5E-18
Cadmium	1.2E-16			1.2E-17	3.3E-17	1.1E-08	2.5E-08	1.4E-09	1.4E-09	5.7E-19	3.5E-18
Chromium	3.1E-17			7.6E-13	2.1E-12	9.2E-08	2.1E-07	1.2E-08	1.2E-08	3.7E-14	2.3E-13
Cobalt				3.8E-07	9.1E-07	1.4E-07	3.2E-07	1.8E-08	1.8E-08	1.9E-08	9.8E-08
Copper				2.8E-12	7.8E-12	2.5E-07	5.9E-07	3.2E-08	3.2E-08	1.4E-13	8.4E-13
Iron				3.2E-04	6.2E-04					1.6E-05	6.6E-05
Lead	9.9E-20			1.5E-06	2.1E-06	8.5E-08	2.0E-07	1.1E-08	1.1E-08	7.5E-08	2.2E-07
Manganese				1.1E-14	3.2E-14	7.8E-08	1.8E-07	9.7E-09	9.7E-09	5.6E-16	3.4E-15
Mercury (+2)				2.4E-16	6.9E-16	3.4E-10	7.8E-10	4.2E-11	4.2E-11	1.2E-17	7.4E-17
Mercury, elemental				2.4E-08	6.3E-10	1.4E-12	3.2E-12	1.8E-13	1.8E-13	4.7E-05	2.9E-04
Methyl Mercury	9.3E-17			1.5E-17	4.1E-17					7.1E-19	4.4E-18

Table H-49 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	4.7E-17			8.0E-06	1.9E-05	5.0E-08	1.1E-07	6.2E-09	6.2E-09	3.9E-07	2.0E-06
Phosphorus				1.1E-16	3.0E-16	3.8E-07	8.7E-07	4.7E-08	4.7E-08	1.0E-12	6.4E-12
Selenium	3.9E-18			5.8E-19	1.6E-18	2.5E-09	5.8E-09	3.1E-10	3.1E-10	2.8E-20	1.7E-19
Silver	2.7E-18			9.3E-15	2.6E-14	1.6E-09	3.8E-09	2.0E-10	2.0E-10	4.5E-16	2.8E-15
Titanium				1.1E-16	3.2E-16	8.7E-10	2.0E-09	1.1E-10	1.1E-10	5.6E-18	3.5E-17
Zinc	5.8E-14			2.6E-15	7.4E-15	2.0E-06	4.5E-06	2.4E-07	2.4E-07	1.3E-16	8.0E-16
NOx											
NOx (Oxides of Nitrogen)						2.2E-05	5.2E-05	2.8E-06	2.8E-06		
PAHs											
1-Methylnaphthalene		3.4E-18	4.8E-18	3.1E-18	8.7E-18	4.7E-07	1.1E-06	5.9E-08	5.9E-08	3.5E-15	2.2E-14
1-Methylphenanthrene				2.1E-15	5.8E-15	5.6E-08	1.3E-07	7.0E-09	7.0E-09	1.0E-16	6.2E-16
2,3,5-Trimethylnaphthalene				9.7E-16	2.7E-15	2.8E-08	6.4E-08	3.5E-09	3.5E-09	4.7E-17	2.9E-16
2,6-Dimethylnaphthalene				2.6E-15	7.4E-15	7.4E-08	1.7E-07	9.2E-09	9.2E-09	1.3E-16	8.0E-16
2-Methylnaphthalene		3.3E-18	4.6E-18	3.0E-18	8.4E-18	4.6E-07	1.1E-06	5.7E-08	5.7E-08	3.4E-15	2.1E-14
Acenaphthylene				8.5E-15	2.4E-14	2.7E-07	6.2E-07	3.4E-08	3.4E-08	4.2E-16	2.6E-15
Acenaphthene	4.8E-17					4.9E-08	1.1E-07	6.2E-09	6.2E-09		
Anthracene	6.1E-16					8.7E-08	2.0E-07	1.1E-08	1.1E-08		
Benzo(a)anthracene	8.8E-14	3.2E-10	3.3E-14	2.9E-10	6.0E-14	4.3E-08	9.9E-08	5.3E-09	5.3E-09	4.3E-09	2.7E-08
Benzo(a)pyrene	4.4E-14	3.7E-10	1.9E-09	3.4E-10	3.4E-09	1.7E-08	3.9E-08	2.1E-09	2.1E-09	1.6E-11	3.7E-10
Benzo(b)fluoranthene	1.2E-14	6.7E-10	1.7E-09	6.1E-10	3.1E-09	1.9E-08	4.3E-08	2.3E-09	2.3E-09	3.0E-11	3.3E-10
Benzo(e)pyrene				4.9E-16	1.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	2.4E-17	1.5E-16
Benzo(g,h,i)perylene				3.6E-16	1.0E-15	1.1E-08	2.5E-08	1.4E-09	1.4E-09	1.8E-17	1.1E-16
Benzo(k)fluoranthene	8.8E-17	5.0E-10	9.0E-16	4.6E-10	1.6E-15	1.7E-10	3.8E-10	2.1E-11	2.1E-11	2.2E-11	1.8E-16
Biphenyl				4.8E-17	1.3E-16	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.8E-14	1.7E-13

Table H-49 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	1.5E-14	3.9E-10	4.1E-14	3.5E-10	7.5E-14	7.3E-08	1.7E-07	9.1E-09	9.1E-09	1.7E-11	8.1E-15
Dibenze(a,h)anthracene	2.1E-15	3.8E-15	5.3E-15	3.4E-15	9.6E-15	2.7E-09	6.1E-09	3.3E-10	3.3E-10	1.7E-16	1.0E-15
Fluoranthene	4.0E-15	8.6E-16	1.2E-15	7.8E-16	2.2E-15	1.1E-07	2.5E-07	1.3E-08	1.3E-08	3.8E-17	2.4E-16
Fluorene	8.7E-16					2.7E-07	6.2E-07	3.3E-08	3.3E-08		
Indeno(1,2,3-cd)pyrene	5.4E-15	1.6E-10	1.5E-14	1.5E-10	2.7E-14	8.8E-09	2.0E-08	1.1E-09	1.1E-09	7.2E-12	3.0E-15
Napthalene	4.0E-16					2.1E-06	4.9E-06	2.7E-07	2.7E-07		
Perylene				1.9E-16	5.3E-16	6.6E-09	1.5E-08	8.2E-10	8.2E-10	9.2E-18	5.7E-17
Phenanthrene	4.2E-15					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
Pyrene	2.9E-15	2.4E-15	3.3E-15	2.2E-15	6.0E-15	1.0E-07	2.4E-07	1.3E-08	1.3E-08	6.0E-14	3.7E-13
Particulate											
Particulate Total Suspended Particulate				4.3E-11	1.2E-10	3.3E-04	7.7E-04	4.2E-05	4.2E-05	2.1E-12	1.3E-11
PM<10				5.5E-11	1.5E-10	4.4E-04	1.0E-03	5.5E-05	5.5E-05	2.7E-12	1.6E-11
PM<2.5				4.5E-11	1.3E-10	3.8E-04	8.7E-04	4.7E-05	4.7E-05	2.2E-12	1.4E-11
PCBs											
Dichlorobiphenyl	8.7E-17	5.1E-18	7.1E-18	4.3E-18	1.2E-17	1.3E-09	3.1E-09	1.7E-10	1.7E-10	4.0E-16	2.5E-15
Heptachlorobiphenyl	3.3E-18	5.8E-19	8.1E-19	4.9E-19	1.4E-18	1.8E-11	4.2E-11	2.3E-12	2.3E-12	2.5E-17	1.5E-16
Hexachlorobiphenyl	1.3E-17	2.6E-18	3.6E-18	2.2E-18	6.2E-18	7.6E-11	1.8E-10	9.5E-12	9.5E-12	1.1E-16	6.9E-16
Monochlorobiphenyl	6.1E-16	3.5E-17	4.9E-17	3.0E-17	8.3E-17	9.2E-09	2.1E-08	1.2E-09	1.2E-09	2.8E-15	1.7E-14
Nonachlorobiphenyl	4.1E-19	1.0E-19	1.4E-19	8.6E-20	2.4E-19	2.6E-12	5.9E-12	3.2E-13	3.2E-13	4.4E-18	2.7E-17
Octachlorobiphenyl	9.7E-19	1.9E-19	2.6E-19	1.6E-19	4.4E-19	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.1E-18	5.0E-17
Pentachlorobiphenyl	4.4E-17	9.4E-18	1.3E-17	7.9E-18	2.2E-17	2.6E-10	6.0E-10	3.3E-11	3.3E-11	4.0E-16	2.5E-15
Tetrachlorobiphenyl	2.6E-17	1.9E-18	2.7E-18	1.6E-18	4.6E-18	4.3E-10	9.9E-10	5.4E-11	5.4E-11	1.5E-16	9.4E-16
Trichlorobiphenyl	3.4E-17	2.3E-18	3.2E-18	2.0E-18	5.5E-18	5.5E-10	1.3E-09	6.8E-11	6.8E-11	1.8E-16	1.1E-15
Pesticides											

Table H-49 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chlordecone (Kepone)		1.8E-08		2.1E-08						1.0E-09	
DDE				2.9E-09	3.9E-09					9.3E-08	5.7E-07
SVOCs											
1,2,4-trichlorobenzene						3.9E-09	8.9E-09	4.8E-10	4.8E-10		
1,2-dichlorobenzene	3.9E-20					1.6E-09	3.6E-09	1.9E-10	1.9E-10		
1,3-Butadiene						3.1E-04					
1,3-dichlorobenzene	9.9E-20					2.3E-09	5.4E-09	2.9E-10	2.9E-10		
1,4-dichlorobenzene	1.3E-18					2.2E-08	5.0E-08	2.7E-09	2.7E-09		
2,4-Dimethylphenol	3.6E-17					3.4E-07	7.8E-07	4.2E-08	4.2E-08		
2-Chlorophenol	1.8E-18					6.8E-08	1.6E-07	8.5E-09	8.5E-09		
2-Methylphenol	7.5E-16					8.0E-07	1.8E-06	9.9E-08	9.9E-08		
2-Nitrophenol	4.6E-18					1.1E-07	2.5E-07	1.3E-08	1.3E-08		
3-Methylphenol & 4-Methylphenol				5.3E-14	1.5E-13	1.4E-06	3.3E-06	1.8E-07	1.8E-07	2.6E-15	1.6E-14
4-Nitrophenol	9.3E-18					1.8E-07	4.1E-07	2.2E-08	2.2E-08		
Acetophenone	5.6E-17					1.7E-06	3.9E-06	2.1E-07	2.1E-07		
Benzoic acid	2.3E-16					7.7E-06	1.8E-05	9.6E-07	9.6E-07		
Benzyl alcohol	1.4E-19					6.4E-08	1.5E-07	8.0E-09	8.0E-09		
bis(2-Ethylhexyl) phthalate	7.0E-15	9.6E-14	1.3E-13	1.1E-13	3.2E-13	2.7E-06	6.3E-06	3.4E-07	3.4E-07	5.5E-15	3.4E-14
Butyl benzyl phthalate	2.5E-15	4.6E-17	6.5E-17	5.5E-17	1.5E-16	8.5E-08	2.0E-07	1.1E-08	1.1E-08	2.7E-18	1.7E-17
Carbazole				2.0E-16	5.6E-16	2.4E-09	5.5E-09	3.0E-10	3.0E-10	9.8E-18	6.0E-17
Dibenzofuran		2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.4E-07	3.1E-07	1.7E-08	1.7E-08	3.5E-15	2.1E-14
Dimethyl phthalate	9.2E-19					4.8E-09	1.1E-08	5.9E-10	5.9E-10		
Di-n-butyl phthalate	2.4E-14	4.6E-17	6.5E-17	5.5E-17	1.5E-16	1.3E-07	3.0E-07	1.6E-08	1.6E-08	2.7E-18	1.7E-17
Di-n-octyl phthalate	1.8E-19	1.3E-16	1.9E-16	1.6E-16	4.4E-16	9.2E-09	2.1E-08	1.1E-09	1.1E-09	7.8E-18	4.8E-17

Table H-49 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	9.6E-17					6.3E-07	1.5E-06	7.9E-08	7.9E-08		
Isopropanol						4.9E-03					
Phenol	2.1E-15					4.3E-06	9.9E-06	5.4E-07	5.4E-07		
Pyridine	1.1E-16					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
TRS											
Total Reduced Sulfur						4.2E-06	9.6E-06	5.2E-07	5.2E-07		
VOCs											
1,1,1,2-Tetrachloroethane	3.8E-20					1.9E-09	4.5E-09	2.4E-10	2.4E-10		
1,1,1-Trichloroethane	2.5E-21					1.9E-09	4.4E-09	2.4E-10	2.4E-10		
1,1-Dichloroethene	8.5E-23					3.7E-10	8.6E-10	4.6E-11	4.6E-11		
1,2,3-Trichlorobenzene	2.7E-18					7.6E-09	1.8E-08	9.5E-10	9.5E-10		
1,2,3-Trichloropropane	1.5E-20					1.5E-09	3.6E-09	1.9E-10	1.9E-10		
1,2,4-Trimethylbenzene						8.9E-08	2.1E-07	1.1E-08	1.1E-08		
1,2-Dibromoethane	5.3E-21					9.9E-10	2.3E-09	1.2E-10	1.2E-10		
1,2-Dichloroethane	1.7E-19					4.0E-08	9.1E-08	1.4E-05	1.4E-05		
1,3,5-Trimethylbenzene	8.6E-19					8.4E-08	1.9E-07	1.0E-08	1.0E-08		
1,3-Dichloropropane						9.6E-10	2.2E-09	1.2E-10	1.2E-10		
2-Butanone	3.5E-17					4.7E-07	1.1E-06	5.9E-08	5.9E-08		
2-Chlorotoluene						2.1E-08	4.9E-08	2.6E-09	2.6E-09		
2-Hexanone						9.7E-08	2.2E-07	1.2E-08	1.2E-08		
Benzene	2.8E-17					1.2E-03	2.9E-05	1.4E-04	1.4E-04		
Bromobenzene						5.3E-07	1.2E-06	6.6E-08	6.6E-08		
Bromochloromethane						1.3E-09	2.9E-09	1.6E-10	1.6E-10		
Bromodichloromethane	4.5E-21					1.4E-09	3.1E-09	1.7E-10	1.7E-10		

Table H-49 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromomethane	1.9E-20					5.4E-08	1.3E-07	6.8E-09	6.8E-09		
Carbon disulfide	1.8E-20					4.8E-08	1.1E-07	6.0E-09	6.0E-09		
Carbon tetrachloride	1.9E-21					2.1E-03	7.2E-09	2.2E-04	2.2E-04		
Chlorobenzene	6.7E-19					6.9E-08	1.6E-07	8.6E-09	8.6E-09		
Chlorodibromomethane	2.6E-19					3.4E-08	7.8E-08	4.2E-09	4.2E-09		
Chloroethane	5.3E-20					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
Chloroform	4.0E-20					3.1E-04	6.5E-08	3.4E-05	3.4E-05		
Chloromethane	1.4E-19					4.4E-07	1.0E-06	5.5E-08	5.5E-08		
cis-1,2-Dichloroethene	5.4E-20					5.7E-08	1.3E-07	7.1E-09	7.1E-09		
cis-1,3-Dichloropropene						3.5E-10	8.0E-10	4.3E-11	4.3E-11		
Dibromomethane	6.0E-21					2.9E-09	6.7E-09	3.6E-10	3.6E-10		
Dichlorodifluoromethane	6.7E-23					3.6E-09	8.2E-09	4.4E-10	4.4E-10		
Ethylbenzene	2.1E-17					3.9E-04	6.5E-06	3.5E-07	3.5E-07		
Isopropylbenzene	2.8E-20					2.3E-07	5.2E-07	2.8E-08	2.8E-08		
m&p-Xylene	3.4E-18					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Methyl Isobutyl Ketone (4-methyl-2-per	3.4E-20					5.1E-09	1.2E-08	6.4E-10	6.4E-10		
Methylene chloride	3.7E-19					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
n-Butylbenzene						1.1E-07	2.6E-07	1.4E-08	1.4E-08		
n-Propylbenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08		
o-Xylene	4.0E-18					3.3E-07	7.6E-07	4.1E-08	4.1E-08		
p-Chlorotoluene						7.9E-09	1.8E-08	9.9E-10	9.9E-10		
p-Isopropyltoluene						5.5E-08	1.3E-07	6.9E-09	6.9E-09		
sec-Butylbenzene						2.0E-08	4.7E-08	2.5E-09	2.5E-09		
Styrene	1.3E-16					7.3E-06	1.7E-05	9.1E-07	9.1E-07		

Table H-49 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						6.5E-07	1.5E-06	8.2E-08	8.2E-08		
Tetrachloroethene	9.4E-21					1.7E-09	4.0E-09	2.2E-10	2.2E-10		
Toluene	2.2E-17					4.5E-06	1.0E-05	5.6E-07	5.6E-07		
trans-1,2-Dichloroethene	8.4E-19					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
trans-1,3-Dichloropropene						6.0E-10	1.4E-09	7.5E-11	7.5E-11		
Trichloroethene	9.7E-23					1.0E-10	2.4E-10	1.3E-11	1.3E-11		
Trichlorofluoromethane	1.5E-22					1.2E-09	2.9E-09	1.6E-10	1.6E-10		
Vinyl chloride	6.9E-21					7.1E-08	1.6E-07	8.8E-09	8.8E-09		

Table H-50 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					3.2E-03	2.7E-02	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19

Table H-50 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.0E-02	1.9E-02					5.0E-07	2.1E-06
Antimony	1.6E-17			3.8E-07	1.7E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.8E-11	1.8E-11
Arsenic	8.1E-16	3.6E-07	1.8E-07	8.5E-07	8.6E-07	5.9E-10	1.4E-09	7.4E-11	7.4E-11	6.9E-11	1.6E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				2.6E-05	6.4E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.3E-09	6.9E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				2.3E-02	4.3E-02					1.1E-06	4.7E-06
Lead	6.9E-18			1.1E-04	1.4E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.2E-09	1.6E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				1.7E-06	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	3.3E-06	2.0E-05
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19

Table H-50 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	1.3E-03	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.7E-08	1.4E-07
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	2.2E-08	2.8E-12	2.0E-08	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	3.0E-10	1.9E-09
Benzo(a)pyrene	3.1E-12	2.6E-08	1.3E-07	2.4E-08	2.4E-07	1.2E-09	2.7E-09	1.5E-10	1.5E-10	1.2E-12	2.6E-11
Benzo(b)fluoranthene	8.3E-13	4.7E-08	1.2E-07	4.2E-08	2.2E-07	1.3E-09	3.0E-09	1.6E-10	1.6E-10	2.1E-12	2.3E-11
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	3.5E-08	9.7E-14	3.2E-08	1.8E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.6E-12	1.9E-17
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14

Table H-50 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	1.1E-12	2.7E-08	3.8E-12	2.5E-08	6.9E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.2E-12	7.4E-16
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	4.7E-13	3.1E-13	8.6E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	1.5E-17	9.3E-17
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.1E-08	1.3E-12	1.0E-08	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	5.0E-13	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16
Pesticides											

Table H-50 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chlordecone (Kepone)		1.3E-06		1.5E-06						7.3E-11	
DDE				2.1E-07	2.8E-07					6.5E-09	4.0E-08
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						2.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18

Table H-50 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						3.4E-04					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.4E-05	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		

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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.5E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					2.2E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					2.7E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		

Table H-50 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					7.3E-12	1.7E-11	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10		

Table H-51 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						1.2E-05	4.3E-04	1.5E-06	1.4E-04		
Aldehydes											
Acetaldehyde	1.3E-15					2.1E-05	7.4E-04	2.6E-06	2.5E-04		
Formaldehyde	6.5E-15					4.6E-02	2.9E-04	1.1E-06	9.7E-05		
Propionaldehyde				3.2E-17	1.0E-15	2.3E-06	8.2E-05	2.8E-07	2.7E-05	2.4E-13	1.7E-11
CO											
Carbon monoxide						6.4E-04	2.4E-02	8.0E-05	7.9E-03		
CO2											
Carbon dioxide						2.0E-05	7.2E-04	2.5E-06	2.4E-04		
Criteria											
Sulfur Dioxide						5.4E-06	1.7E-04	6.8E-07	5.8E-05		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-20	1.1E-17	2.0E-16	4.2E-17	1.6E-15	1.2E-11	4.8E-10	1.5E-12	1.6E-10	2.1E-18	1.7E-16
1,2,3,4,6,7,8-HpCDF	1.3E-20	1.1E-17	2.0E-16	4.3E-17	1.6E-15	1.2E-11	4.9E-10	1.5E-12	1.6E-10	2.1E-18	1.7E-16
1,2,3,4,7,8,9-HpCDF	2.1E-21	1.2E-18	2.4E-17	4.9E-18	1.9E-16	1.6E-12	6.3E-11	1.9E-13	2.1E-11	2.4E-19	2.1E-17
1,2,3,4,7,8-HxCDD	1.6E-20	1.2E-18	2.4E-17	4.8E-18	1.9E-16	1.5E-12	5.9E-11	1.8E-13	2.0E-11	2.4E-19	2.0E-17
1,2,3,4,7,8-HxCDF	1.1E-19	9.7E-18	1.9E-16	3.8E-17	1.5E-15	1.2E-11	4.8E-10	1.5E-12	1.6E-10	1.9E-18	1.6E-16
1,2,3,6,7,8-HxCDD	3.1E-20	2.5E-18	4.8E-17	9.8E-18	3.8E-16	3.1E-12	1.2E-10	3.8E-13	4.1E-11	4.8E-19	4.1E-17
1,2,3,6,7,8-HxCDF	4.0E-20	3.2E-18	6.2E-17	1.2E-17	4.9E-16	3.8E-12	1.6E-10	4.8E-13	5.2E-11	6.1E-19	5.3E-17
1,2,3,7,8,9-HxCDD	4.3E-20	3.9E-18	7.6E-17	1.5E-17	6.0E-16	4.6E-12	1.9E-10	5.8E-13	6.3E-11	7.6E-19	6.4E-17
1,2,3,7,8,9-HxCDF	3.4E-21	2.3E-19	4.4E-18	8.9E-19	3.5E-17	2.9E-13	1.2E-11	3.7E-14	4.0E-12	4.4E-20	3.8E-18
1,2,3,7,8-PeCDD	9.8E-20	1.4E-18	2.7E-17	5.4E-18	2.1E-16	1.8E-12	7.5E-11	2.3E-13	2.5E-11	2.7E-19	2.3E-17
1,2,3,7,8-PeCDF	1.4E-19	1.6E-18	3.2E-17	6.4E-18	2.5E-16	2.6E-12	1.1E-10	3.3E-13	3.6E-11	3.1E-19	2.7E-17

Table H-51 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.8E-20	5.0E-18	9.3E-17	2.0E-17	7.4E-16	5.9E-12	2.4E-10	7.4E-13	7.9E-11	9.6E-19	7.9E-17
2,3,4,7,8-PeCDF	2.1E-19	3.9E-18	7.6E-17	1.5E-17	6.0E-16	5.9E-12	2.4E-10	7.4E-13	8.0E-11	7.5E-19	6.5E-17
2,3,7,8-TCDD	3.4E-20	2.8E-19	4.1E-18	1.1E-18	3.2E-17	7.4E-13	2.5E-11	9.3E-14	8.3E-12	3.8E-17	2.4E-15
2,3,7,8-TCDF	1.1E-19	5.1E-19	1.0E-17	2.0E-18	8.1E-17	2.7E-12	1.1E-10	3.4E-13	3.7E-11	9.9E-20	8.7E-18
OCDD	1.7E-22	7.3E-18	1.3E-16	2.9E-17	1.1E-15	8.0E-12	3.2E-10	1.0E-12	1.1E-10	1.4E-18	1.1E-16
OCDF	6.5E-23	2.8E-18	5.0E-17	1.1E-17	4.0E-16	3.0E-12	1.2E-10	3.8E-13	3.9E-11	5.4E-19	4.3E-17
HCN											
Hydrogen cyanide						2.3E-06	8.8E-05	2.8E-07	2.9E-05		
Metals											
Aluminum				1.5E-04						7.2E-06	
Antimony	2.2E-19			5.4E-09		1.5E-07	3.7E-06	1.9E-08	1.2E-06	2.6E-10	
Arsenic	1.2E-17	5.1E-09	6.9E-19	1.2E-08	3.3E-18	8.5E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-10	5.9E-19
Barium	2.6E-14			2.5E-11	8.8E-10	1.8E-06	4.8E-05	2.2E-07	1.6E-05	1.2E-12	9.5E-11
Beryllium	4.7E-19			1.5E-17	5.6E-16	6.1E-10	2.1E-08	7.7E-11	6.9E-09	7.3E-19	6.1E-17
Cadmium	1.2E-16			1.2E-17	4.5E-16	1.1E-08	3.8E-07	1.4E-09	1.3E-07	5.7E-19	4.8E-17
Chromium	3.1E-17			7.6E-13	3.0E-11	9.2E-08	3.3E-06	1.2E-08	1.1E-06	3.7E-14	3.2E-12
Cobalt				3.8E-07	8.0E-11	1.4E-07	2.6E-06	1.8E-08	8.5E-07	1.9E-08	8.7E-12
Copper				2.8E-12	1.1E-10	2.5E-07	8.7E-06	3.2E-08	2.9E-06	1.4E-13	1.1E-11
Iron				3.2E-04						1.6E-05	
Lead	9.9E-20			1.5E-06	5.5E-14	8.5E-08	2.8E-06	1.1E-08	9.3E-07	7.5E-08	5.9E-15
Manganese				1.1E-14	4.3E-13	7.8E-08	2.7E-06	9.7E-09	9.0E-07	5.6E-16	4.7E-14
Mercury (+2)				2.4E-16	7.6E-15	3.4E-10	1.2E-08	4.2E-11	4.0E-09	1.2E-17	8.1E-16
Mercury, elemental				2.4E-08		1.4E-12	4.9E-11	1.8E-13	1.6E-11	4.7E-05	
Methyl Mercury	9.3E-17			1.5E-17	5.6E-16					7.1E-19	6.1E-17

Table H-51 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	4.7E-17			8.0E-06	2.2E-15	5.0E-08	1.7E-06	6.2E-09	5.7E-07	3.9E-07	2.4E-16
Phosphorus				1.1E-16	4.0E-15	3.8E-07	1.2E-05	4.7E-08	4.1E-06	1.0E-12	8.4E-11
Selenium	3.9E-18			5.8E-19	2.2E-17	2.5E-09	8.7E-08	3.1E-10	2.9E-08	2.8E-20	2.4E-18
Silver	2.7E-18			9.3E-15	3.4E-13	1.6E-09	5.3E-08	2.0E-10	1.8E-08	4.5E-16	3.7E-14
Titanium				1.1E-16	4.6E-15	8.7E-10	3.3E-08	1.1E-10	1.1E-08	5.6E-18	5.0E-16
Zinc	5.8E-14			2.6E-15	9.3E-14	2.0E-06	5.6E-05	2.4E-07	1.9E-05	1.3E-16	1.0E-14
NOx											
NOx (Oxides of Nitrogen)						2.2E-05	7.5E-04	2.8E-06	2.5E-04		
PAHs											
1-Methylnaphthalene		3.4E-18	6.9E-17	3.1E-18	1.3E-16	4.7E-07	2.0E-05	5.9E-08	6.5E-06	3.5E-15	3.2E-13
1-Methylphenanthrene				2.1E-15	8.6E-14	5.6E-08	2.4E-06	7.0E-09	7.9E-07	1.0E-16	9.2E-15
2,3,5-Trimethylnaphthalene				9.7E-16	4.2E-14	2.8E-08	1.2E-06	3.5E-09	4.0E-07	4.7E-17	4.6E-15
2,6-Dimethylnaphthalene				2.6E-15	1.1E-13	7.4E-08	3.1E-06	9.2E-09	1.0E-06	1.3E-16	1.2E-14
2-Methylnaphthalene		3.3E-18	6.7E-17	3.0E-18	1.2E-16	4.6E-07	1.9E-05	5.7E-08	6.3E-06	3.4E-15	3.1E-13
Acenaphthylene				8.5E-15	3.6E-13	2.7E-07	1.1E-05	3.4E-08	3.8E-06	4.2E-16	3.9E-14
Acenaphthene	4.8E-17					4.9E-08	2.1E-06	6.2E-09	6.9E-07		
Anthracene	6.1E-16					8.7E-08	3.7E-06	1.1E-08	1.2E-06		
Benzo(a)anthracene	8.8E-14	3.2E-10	5.2E-13	2.9E-10	9.5E-13	4.3E-08	1.8E-06	5.3E-09	6.2E-07	4.3E-09	3.2E-11
Benzo(a)pyrene	4.4E-14	3.7E-10	2.3E-13	3.4E-10	4.1E-13	1.7E-08	7.0E-07	2.1E-09	2.3E-07	1.6E-11	4.5E-14
Benzo(b)fluoranthene	1.2E-14	6.7E-10	1.2E-14	6.1E-10	2.2E-14	1.9E-08	7.6E-07	2.3E-09	2.5E-07	3.0E-11	2.4E-15
Benzo(e)pyrene				4.9E-16	1.9E-14	1.4E-08	5.8E-07	1.8E-09	1.9E-07	2.4E-17	2.1E-15
Benzo(g,h,i)perylene				3.6E-16	1.5E-14	1.1E-08	4.5E-07	1.4E-09	1.5E-07	1.8E-17	1.6E-15
Benzo(k)fluoranthene	8.8E-17	5.0E-10	6.0E-15	4.6E-10	1.1E-14	1.7E-10	3.0E-09	2.1E-11	9.9E-10	2.2E-11	1.2E-15
Biphenyl				4.8E-17	2.0E-15	1.6E-06	6.7E-05	2.0E-07	2.2E-05	2.8E-14	2.6E-12

Table H-51 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	1.5E-14	3.9E-10	6.0E-13	3.5E-10	1.1E-12	7.3E-08	3.0E-06	9.1E-09	1.0E-06	1.7E-11	1.2E-13
Dibenze(a,h)anthracene	2.1E-15	3.8E-15	7.5E-14	3.4E-15	1.4E-13	2.7E-09	1.1E-07	3.3E-10	3.6E-08	1.7E-16	1.5E-14
Fluoranthene	4.0E-15	8.6E-16	1.7E-14	7.8E-16	3.2E-14	1.1E-07	4.4E-06	1.3E-08	1.5E-06	3.8E-17	3.4E-15
Fluorene	8.7E-16					2.7E-07	1.1E-05	3.3E-08	3.8E-06		
Indeno(1,2,3-cd)pyrene	5.4E-15	1.6E-10	2.2E-13	1.5E-10	3.9E-13	8.8E-09	3.6E-07	1.1E-09	1.2E-07	7.2E-12	4.2E-14
Napthalene	4.0E-16					2.1E-06	8.8E-05	2.7E-07	2.9E-05		
Perylene				1.9E-16	8.8E-15	6.6E-09	2.9E-07	8.2E-10	9.7E-08	9.2E-18	9.4E-16
Phenanthrene	4.2E-15					5.0E-07	2.1E-05	6.3E-08	6.9E-06		
Pyrene	2.9E-15	2.4E-15	4.9E-14	2.2E-15	8.8E-14	1.0E-07	4.3E-06	1.3E-08	1.4E-06	6.0E-14	5.5E-12
Particulate											
Particulate Total Suspended Particulate				4.3E-11	1.7E-09	3.3E-04	1.3E-02	4.2E-05	4.3E-03	2.1E-12	1.9E-10
PM<10				5.5E-11	2.3E-09	4.4E-04	1.7E-02	5.5E-05	5.8E-03	2.7E-12	2.4E-10
PM<2.5				4.5E-11	1.9E-09	3.8E-04	1.5E-02	4.7E-05	5.0E-03	2.2E-12	2.1E-10
PCBs											
Dichlorobiphenyl	8.7E-17	5.1E-18	1.0E-16	4.3E-18	1.7E-16	1.3E-09	5.4E-08	1.7E-10	1.8E-08	4.0E-16	3.5E-14
Heptachlorobiphenyl	3.3E-18	5.8E-19	1.1E-17	4.9E-19	1.9E-17	1.8E-11	7.3E-10	2.3E-12	2.4E-10	2.5E-17	2.1E-15
Hexachlorobiphenyl	1.3E-17	2.6E-18	4.7E-17	2.2E-18	7.9E-17	7.6E-11	3.0E-09	9.5E-12	9.9E-10	1.1E-16	8.9E-15
Monochlorobiphenyl	6.1E-16	3.5E-17	7.0E-16	3.0E-17	1.2E-15	9.2E-09	3.8E-07	1.2E-09	1.3E-07	2.8E-15	2.4E-13
Nonachlorobiphenyl	4.1E-19	1.0E-19	1.6E-18	8.6E-20	2.7E-18	2.6E-12	9.1E-11	3.2E-13	3.0E-11	4.4E-18	3.0E-16
Octachlorobiphenyl	9.7E-19	1.9E-19	3.4E-18	1.6E-19	5.8E-18	5.5E-12	2.2E-10	6.9E-13	7.2E-11	8.1E-18	6.5E-16
Pentachlorobiphenyl	4.4E-17	9.4E-18	1.6E-16	7.9E-18	2.7E-16	2.6E-10	9.9E-09	3.3E-11	3.3E-09	4.0E-16	3.0E-14
Tetrachlorobiphenyl	2.6E-17	1.9E-18	3.3E-17	1.6E-18	5.5E-17	4.3E-10	1.6E-08	5.4E-11	5.4E-09	1.5E-16	1.1E-14
Trichlorobiphenyl	3.4E-17	2.3E-18	4.1E-17	2.0E-18	7.0E-17	5.5E-10	2.1E-08	6.8E-11	7.0E-09	1.8E-16	1.4E-14
Pesticides											

Table H-51 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chlordecone (Kepone)		1.8E-08		2.1E-08						1.0E-09	
DDE				2.9E-09						9.3E-08	
SVOCs											
1,2,4-trichlorobenzene						3.9E-09	1.2E-07	4.8E-10	4.1E-08		
1,2-dichlorobenzene	3.9E-20					1.6E-09	2.8E-08	1.9E-10	9.2E-09		
1,3-Butadiene						3.1E-04					
1,3-dichlorobenzene	9.9E-20					2.3E-09	7.9E-08	2.9E-10	2.6E-08		
1,4-dichlorobenzene	1.3E-18					2.2E-08	9.7E-07	2.7E-09	3.2E-07		
2,4-Dimethylphenol	3.6E-17					3.4E-07	1.4E-05	4.2E-08	4.5E-06		
2-Chlorophenol	1.8E-18					6.8E-08	2.9E-06	8.5E-09	9.8E-07		
2-Methylphenol	7.5E-16					8.0E-07	3.3E-05	9.9E-08	1.1E-05		
2-Nitrophenol	4.6E-18					1.1E-07	4.5E-06	1.3E-08	1.5E-06		
3-Methylphenol & 4-Methylphenol				5.3E-14	2.2E-12	1.4E-06	6.0E-05	1.8E-07	2.0E-05	2.6E-15	2.4E-13
4-Nitrophenol	9.3E-18					1.8E-07	6.9E-06	2.2E-08	2.3E-06		
Acetophenone	5.6E-17					1.7E-06	7.0E-05	2.1E-07	2.3E-05		
Benzoic acid	2.3E-16					7.7E-06	3.2E-04	9.6E-07	1.1E-04		
Benzyl alcohol	1.4E-19					6.4E-08	1.9E-06	8.0E-09	6.5E-07		
bis(2-Ethylhexyl) phthalate	7.0E-15	9.6E-14	1.7E-12	1.1E-13	4.1E-12	2.7E-06	1.1E-04	3.4E-07	3.5E-05	5.5E-15	4.4E-13
Butyl benzyl phthalate	2.5E-15	4.6E-17	9.5E-16	5.5E-17	2.2E-15	8.5E-08	3.5E-06	1.1E-08	1.2E-06	2.7E-18	2.4E-16
Carbazole				2.0E-16	3.7E-15	2.4E-09	4.3E-08	3.0E-10	1.4E-08	9.8E-18	4.0E-16
Dibenzofuran		2.1E-18	4.1E-17	8.1E-18	3.2E-16	1.4E-07	5.6E-06	1.7E-08	1.9E-06	3.5E-15	3.0E-13
Dimethyl phthalate	9.2E-19					4.8E-09	8.5E-08	5.9E-10	2.8E-08		
Di-n-butyl phthalate	2.4E-14	4.6E-17	9.5E-16	5.5E-17	2.3E-15	1.3E-07	5.4E-06	1.6E-08	1.8E-06	2.7E-18	2.4E-16
Di-n-octyl phthalate	1.8E-19	1.3E-16	1.2E-15	1.6E-16	2.9E-15	9.2E-09	1.6E-07	1.1E-09	5.5E-08	7.8E-18	3.2E-16

Table H-51 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	9.6E-17					6.3E-07	1.1E-05	7.9E-08	3.8E-06		
Isopropanol						4.9E-03					
Phenol	2.1E-15					4.3E-06	1.8E-04	5.4E-07	5.9E-05		
Pyridine	1.1E-16					4.1E-07	1.7E-05	5.1E-08	5.7E-06		
TRS											
Total Reduced Sulfur						4.2E-06	1.8E-04	5.2E-07	6.0E-05		
VOCs											
1,1,1,2-Tetrachloroethane	3.8E-20					1.9E-09	6.5E-08	2.4E-10	2.2E-08		
1,1,1-Trichloroethane	2.5E-21					1.9E-09	7.1E-08	2.4E-10	2.4E-08		
1,1-Dichloroethene	8.5E-23					3.7E-10	6.6E-09	4.6E-11	2.2E-09		
1,2,3-Trichlorobenzene	2.7E-18					7.6E-09	2.8E-07	9.5E-10	9.4E-08		
1,2,3-Trichloropropane	1.5E-20					1.5E-09	2.8E-08	1.9E-10	9.2E-09		
1,2,4-Trimethylbenzene						8.9E-08	2.8E-06	1.1E-08	9.4E-07		
1,2-Dibromoethane	5.3E-21					9.9E-10	1.8E-08	1.2E-10	5.9E-09		
1,2-Dichloroethane	1.7E-19					4.0E-08	1.5E-06	1.4E-05	5.0E-07		
1,3,5-Trimethylbenzene	8.6E-19					8.4E-08	2.5E-06	1.0E-08	8.3E-07		
1,3-Dichloropropane						9.6E-10	1.7E-08	1.2E-10	5.7E-09		
2-Butanone	3.5E-17					4.7E-07	1.9E-05	5.9E-08	6.2E-06		
2-Chlorotoluene						2.1E-08	8.7E-07	2.6E-09	2.9E-07		
2-Hexanone						9.7E-08	3.5E-06	1.2E-08	1.2E-06		
Benzene	2.8E-17					1.2E-03	4.9E-04	1.4E-04	1.6E-04		
Bromobenzene						5.3E-07	9.5E-06	6.6E-08	3.2E-06		
Bromochloromethane						1.3E-09	2.2E-08	1.6E-10	7.5E-09		
Bromodichloromethane	4.5E-21					1.4E-09	2.4E-08	1.7E-10	8.1E-09		

Table H-51 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Bromomethane	1.9E-20					5.4E-08	1.6E-06	6.8E-09	5.5E-07		
Carbon disulfide	1.8E-20					4.8E-08	1.4E-06	6.0E-09	4.7E-07		
Carbon tetrachloride	1.9E-21					2.1E-03	5.6E-08	2.2E-04	1.9E-08		
Chlorobenzene	6.7E-19					6.9E-08	2.5E-06	8.6E-09	8.2E-07		
Chlorodibromomethane	2.6E-19					3.4E-08	6.0E-07	4.2E-09	2.0E-07		
Chloroethane	5.3E-20					1.3E-07	4.5E-06	1.6E-08	1.5E-06		
Chloroform	4.0E-20					3.1E-04	5.5E-07	3.4E-05	1.8E-07		
Chloromethane	1.4E-19					4.4E-07	1.3E-05	5.5E-08	4.5E-06		
cis-1,2-Dichloroethene	5.4E-20					5.7E-08	1.0E-06	7.1E-09	3.4E-07		
cis-1,3-Dichloropropene						3.5E-10	6.2E-09	4.3E-11	2.1E-09		
Dibromomethane	6.0E-21					2.9E-09	5.2E-08	3.6E-10	1.7E-08		
Dichlorodifluoromethane	6.7E-23					3.6E-09	6.3E-08	4.4E-10	2.1E-08		
Ethylbenzene	2.1E-17					3.9E-04	1.1E-04	3.5E-07	3.5E-05		
Isopropylbenzene	2.8E-20					2.3E-07	7.7E-06	2.8E-08	2.6E-06		
m&p-Xylene	3.4E-18					5.2E-07	1.8E-05	6.5E-08	5.9E-06		
Methyl Isobutyl Ketone (4-methyl-2-per	3.4E-20					5.1E-09	9.1E-08	6.4E-10	3.0E-08		
Methylene chloride	3.7E-19					2.6E-07	9.5E-06	3.2E-08	3.2E-06		
n-Butylbenzene						1.1E-07	3.3E-06	1.4E-08	1.1E-06		
n-Propylbenzene						1.3E-07	4.4E-06	1.7E-08	1.5E-06		
o-Xylene	4.0E-18					3.3E-07	1.1E-05	4.1E-08	3.6E-06		
p-Chlorotoluene						7.9E-09	2.4E-07	9.9E-10	8.0E-08		
p-Isopropyltoluene						5.5E-08	1.3E-06	6.9E-09	4.4E-07		
sec-Butylbenzene						2.0E-08	6.2E-07	2.5E-09	2.1E-07		
Styrene	1.3E-16					7.3E-06	2.7E-04	9.1E-07	8.9E-05		

Table H-51 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						6.5E-07	1.2E-05	8.2E-08	3.9E-06		
Tetrachloroethene	9.4E-21					1.7E-09	6.0E-08	2.2E-10	2.0E-08		
Toluene	2.2E-17					4.5E-06	1.8E-04	5.6E-07	5.9E-05		
trans-1,2-Dichloroethene	8.4E-19					1.2E-06	2.2E-05	1.5E-07	7.2E-06		
trans-1,3-Dichloropropene						6.0E-10	1.1E-08	7.5E-11	3.6E-09		
Trichloroethene	9.7E-23					1.0E-10	1.9E-09	1.3E-11	6.2E-10		
Trichlorofluoromethane	1.5E-22					1.2E-09	2.2E-08	1.6E-10	7.4E-09		
Vinyl chloride	6.9E-21					7.1E-08	1.7E-06	8.8E-09	5.7E-07		

Table H-52 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	3.0E-05	1.0E-07	9.9E-06		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	5.2E-05	1.8E-07	1.7E-05		
Formaldehyde	4.5E-13					3.2E-03	2.0E-05	7.7E-08	6.8E-06		
Propionaldehyde				2.2E-15	7.2E-14	1.6E-07	5.8E-06	2.0E-08	1.9E-06	1.7E-14	1.2E-12
CO											
Carbon monoxide						4.5E-05	1.7E-03	5.6E-06	5.6E-04		
CO2											
Carbon dioxide						1.4E-06	5.0E-05	1.8E-07	1.7E-05		
Criteria											
Sulfur Dioxide						3.8E-07	1.2E-05	4.7E-08	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	2.6E-14	5.5E-15	2.1E-13	8.5E-13	3.4E-11	1.1E-13	1.1E-11	2.7E-19	2.2E-17
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.6E-14	5.5E-15	2.1E-13	8.6E-13	3.4E-11	1.1E-13	1.1E-11	2.7E-19	2.2E-17
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	3.1E-15	6.4E-16	2.5E-14	1.1E-13	4.4E-12	1.4E-14	1.5E-12	3.1E-20	2.7E-18
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	3.0E-15	6.2E-16	2.4E-14	1.0E-13	4.1E-12	1.3E-14	1.4E-12	3.1E-20	2.6E-18
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	2.4E-14	4.9E-15	1.9E-13	8.3E-13	3.3E-11	1.0E-13	1.1E-11	2.4E-19	2.1E-17
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	6.2E-15	1.3E-15	4.9E-14	2.1E-13	8.7E-12	2.7E-14	2.9E-12	6.2E-20	5.3E-18
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	8.0E-15	1.6E-15	6.3E-14	2.7E-13	1.1E-11	3.4E-14	3.6E-12	7.9E-20	6.8E-18
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	9.8E-15	2.0E-15	7.7E-14	3.2E-13	1.3E-11	4.1E-14	4.4E-12	9.8E-20	8.3E-18
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	5.8E-16	1.2E-16	4.5E-15	2.1E-14	8.4E-13	2.6E-15	2.8E-13	5.7E-21	4.9E-19
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	3.5E-15	7.0E-16	2.8E-14	1.3E-13	5.3E-12	1.6E-14	1.8E-12	3.5E-20	3.0E-18
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	4.1E-15	8.3E-16	3.3E-14	1.8E-13	7.5E-12	2.3E-14	2.5E-12	4.0E-20	3.5E-18

Table H-52 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	1.2E-14	2.5E-15	9.5E-14	4.2E-13	1.7E-11	5.2E-14	5.6E-12	1.2E-19	1.0E-17
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	9.9E-15	2.0E-15	7.8E-14	4.1E-13	1.7E-11	5.2E-14	5.6E-12	9.7E-20	8.4E-18
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.2E-16	1.4E-16	4.1E-15	5.2E-14	1.7E-12	6.5E-15	5.8E-13	4.9E-18	3.1E-16
2,3,7,8-TCDF	8.0E-18	6.6E-17	1.3E-15	2.6E-16	1.0E-14	1.9E-13	7.8E-12	2.4E-14	2.6E-12	1.3E-20	1.1E-18
OCDD	1.8E-20	9.4E-16	1.7E-14	3.7E-15	1.4E-13	5.6E-13	2.2E-11	7.0E-14	7.4E-12	1.8E-19	1.5E-17
OCDF	6.7E-21	3.6E-16	6.5E-15	1.4E-15	5.1E-14	2.1E-13	8.2E-12	2.6E-14	2.7E-12	7.0E-20	5.5E-18
HCN											
Hydrogen cyanide						1.6E-07	6.2E-06	2.0E-08	2.1E-06		
Metals											
Aluminum				1.0E-02						5.0E-07	
Antimony	1.6E-17			3.8E-07		1.0E-08	2.6E-07	1.3E-09	8.6E-08	1.8E-11	
Arsenic	8.1E-16	3.6E-07	4.8E-17	8.5E-07	2.3E-16	5.9E-10	2.1E-08	7.4E-11	7.0E-09	6.9E-11	4.1E-20
Barium	2.3E-12			3.1E-09	1.1E-07	1.3E-07	3.4E-06	1.6E-08	1.1E-06	1.5E-13	1.2E-11
Beryllium	3.3E-17			1.0E-15	3.9E-14	4.3E-11	1.5E-09	5.4E-12	4.8E-10	5.1E-20	4.3E-18
Cadmium	8.3E-15			8.2E-16	3.1E-14	7.6E-10	2.6E-08	9.5E-11	8.8E-09	4.0E-20	3.4E-18
Chromium	2.6E-15			8.3E-11	3.2E-09	6.5E-09	2.3E-07	8.1E-10	7.7E-08	4.1E-15	3.5E-13
Cobalt				2.6E-05	1.0E-08	9.8E-09	1.8E-07	1.2E-09	6.0E-08	1.3E-09	1.1E-12
Copper				3.4E-10	1.3E-08	1.8E-08	6.1E-07	2.2E-09	2.0E-07	1.6E-14	1.4E-12
Iron				2.3E-02						1.1E-06	
Lead	6.9E-18			1.1E-04	3.8E-12	6.0E-09	2.0E-07	7.5E-10	6.5E-08	5.2E-09	4.1E-16
Manganese				8.0E-13	3.1E-11	5.5E-09	1.9E-07	6.8E-10	6.3E-08	3.9E-17	3.3E-15
Mercury (+2)				3.4E-14	1.1E-12	2.4E-11	8.3E-10	2.9E-12	2.8E-10	1.7E-18	1.1E-16
Mercury, elemental				1.7E-06		9.8E-14	3.5E-12	1.2E-14	1.2E-12	3.3E-06	
Methyl Mercury	8.7E-15			2.0E-15	7.9E-14					1.0E-19	8.5E-18

Table H-52 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	1.6E-13	3.5E-09	1.2E-07	4.3E-10	4.0E-08	2.7E-08	1.7E-17
Phosphorus				7.5E-15	2.8E-13	2.6E-08	8.6E-07	3.3E-09	2.9E-07	7.2E-14	5.9E-12
Selenium	2.8E-16			4.0E-17	1.6E-15	1.7E-10	6.1E-09	2.2E-11	2.0E-09	2.0E-21	1.7E-19
Silver	2.1E-16			8.4E-13	3.1E-11	1.1E-10	3.7E-09	1.4E-11	1.2E-09	4.1E-17	3.4E-15
Titanium				8.0E-15	3.2E-13	6.1E-11	2.3E-09	7.6E-12	7.6E-10	3.9E-19	3.5E-17
Zinc	4.1E-12			1.8E-13	6.5E-12	1.4E-07	3.9E-06	1.7E-08	1.3E-06	9.0E-18	7.0E-16
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	5.2E-05	2.0E-07	1.7E-05		
PAHs											
1-Methylnaphthalene		2.4E-16	4.9E-15	2.2E-16	8.9E-15	3.3E-08	1.4E-06	4.1E-09	4.6E-07	2.5E-16	2.2E-14
1-Methylphenanthrene				1.5E-13	6.0E-12	3.9E-09	1.7E-07	4.9E-10	5.5E-08	7.1E-18	6.5E-16
2,3,5-Trimethylnaphthalene				6.8E-14	3.0E-12	1.9E-09	8.4E-08	2.4E-10	2.8E-08	3.3E-18	3.2E-16
2,6-Dimethylnaphthalene				1.9E-13	7.9E-12	5.1E-09	2.2E-07	6.4E-10	7.3E-08	9.1E-18	8.5E-16
2-Methylnaphthalene		2.3E-16	4.7E-15	2.1E-16	8.6E-15	3.2E-08	1.3E-06	4.0E-09	4.4E-07	2.4E-16	2.2E-14
Acenaphthylene				6.0E-13	2.5E-11	1.9E-08	8.0E-07	2.4E-09	2.7E-07	2.9E-17	2.7E-15
Acenaphthene	3.4E-15					3.5E-09	1.4E-07	4.3E-10	4.8E-08		
Anthracene	4.3E-14					6.1E-09	2.6E-07	7.6E-10	8.6E-08		
Benzo(a)anthracene	6.2E-12	2.2E-08	4.4E-11	2.0E-08	8.0E-11	3.0E-09	1.3E-07	3.7E-10	4.3E-08	3.0E-10	2.7E-12
Benzo(a)pyrene	3.1E-12	2.6E-08	1.8E-11	2.4E-08	3.3E-11	1.2E-09	4.9E-08	1.5E-10	1.6E-08	1.2E-12	3.6E-15
Benzo(b)fluoranthene	8.3E-13	4.7E-08	1.0E-12	4.2E-08	1.8E-12	1.3E-09	5.3E-08	1.6E-10	1.8E-08	2.1E-12	2.0E-16
Benzo(e)pyrene				3.4E-14	1.3E-12	1.0E-09	4.1E-08	1.3E-10	1.4E-08	1.7E-18	1.4E-16
Benzo(g,h,i)perylene				2.5E-14	1.0E-12	7.7E-10	3.2E-08	9.6E-11	1.1E-08	1.2E-18	1.1E-16
Benzo(k)fluoranthene	7.4E-15	3.5E-08	6.4E-13	3.2E-08	1.2E-12	1.2E-11	2.1E-10	1.5E-12	6.9E-11	1.6E-12	1.3E-16
Biphenyl				3.3E-15	1.4E-13	1.1E-07	4.7E-06	1.4E-08	1.6E-06	2.0E-15	1.8E-13

Table H-52 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	1.1E-12	2.7E-08	5.5E-11	2.5E-08	9.9E-11	5.1E-09	2.1E-07	6.4E-10	7.1E-08	1.2E-12	1.1E-14
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	6.7E-12	3.1E-13	1.2E-11	1.9E-10	7.6E-09	2.3E-11	2.5E-09	1.5E-17	1.3E-15
Fluoranthene	2.8E-13	6.7E-14	1.4E-12	6.1E-14	2.5E-12	7.5E-09	3.1E-07	9.4E-10	1.0E-07	3.0E-18	2.7E-16
Fluorene	6.1E-14					1.9E-08	7.9E-07	2.3E-09	2.6E-07		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.1E-08	1.8E-11	1.0E-08	3.3E-11	6.2E-10	2.5E-08	7.7E-11	8.5E-09	5.0E-13	3.6E-15
Napthalene	2.8E-14					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Perylene				1.3E-14	6.2E-13	4.6E-10	2.0E-08	5.8E-11	6.8E-09	6.5E-19	6.6E-17
Phenanthrene	2.9E-13					3.5E-08	1.5E-06	4.4E-09	4.8E-07		
Pyrene	2.0E-13	2.5E-13	5.1E-12	2.3E-13	9.3E-12	7.3E-09	3.0E-07	9.1E-10	1.0E-07	6.4E-15	5.8E-13
Particulate											
Particulate Total Suspended Particulate				3.0E-09	1.2E-07	2.3E-05	9.0E-04	2.9E-06	3.0E-04	1.5E-13	1.3E-11
PM<10				3.8E-09	1.6E-07	3.1E-05	1.2E-03	3.9E-06	4.0E-04	1.9E-13	1.7E-11
PM<2.5				3.2E-09	1.3E-07	2.6E-05	1.0E-03	3.3E-06	3.5E-04	1.6E-13	1.4E-11
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	1.3E-14	5.5E-16	2.2E-14	9.3E-11	3.8E-09	1.2E-11	1.3E-09	5.1E-17	4.5E-15
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.4E-15	6.3E-17	2.4E-15	1.3E-12	5.1E-11	1.6E-13	1.7E-11	3.2E-18	2.7E-16
Hexachlorobiphenyl	9.3E-16	3.4E-16	6.1E-15	2.9E-16	1.0E-14	5.3E-12	2.1E-10	6.7E-13	6.9E-11	1.5E-17	1.1E-15
Monochlorobiphenyl	4.3E-14	4.5E-15	9.0E-14	3.8E-15	1.5E-13	6.5E-10	2.7E-08	8.1E-11	8.9E-09	3.5E-16	3.1E-14
Nonachlorobiphenyl	2.9E-17	1.3E-17	2.1E-16	1.1E-17	3.5E-16	1.8E-13	6.4E-12	2.2E-14	2.1E-12	5.7E-19	3.9E-17
Octachlorobiphenyl	6.8E-17	2.4E-17	4.4E-16	2.0E-17	7.5E-16	3.9E-13	1.5E-11	4.9E-14	5.1E-12	1.0E-18	8.4E-17
Pentachlorobiphenyl	3.1E-15	1.2E-15	2.1E-14	1.0E-15	3.5E-14	1.8E-11	6.9E-10	2.3E-12	2.3E-10	5.2E-17	3.9E-15
Tetrachlorobiphenyl	1.8E-15	2.5E-16	4.2E-15	2.1E-16	7.1E-15	3.0E-11	1.1E-09	3.8E-12	3.8E-10	2.0E-17	1.5E-15
Trichlorobiphenyl	2.4E-15	3.0E-16	5.3E-15	2.5E-16	9.0E-15	3.8E-11	1.5E-09	4.8E-12	4.9E-10	2.3E-17	1.8E-15
Pesticides											

Table H-52 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chlordecone (Kepone)		1.3E-06		1.5E-06						7.3E-11	
DDE				2.1E-07						6.5E-09	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	8.7E-09	3.4E-11	2.9E-09		
1,2-dichlorobenzene	2.8E-18					1.1E-10	1.9E-09	1.4E-11	6.5E-10		
1,3-Butadiene						2.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	5.5E-09	2.0E-11	1.8E-09		
1,4-dichlorobenzene	9.2E-17					1.5E-09	6.8E-08	1.9E-10	2.3E-08		
2,4-Dimethylphenol	2.5E-15					2.4E-08	9.5E-07	3.0E-09	3.2E-07		
2-Chlorophenol	1.3E-16					4.7E-09	2.1E-07	5.9E-10	6.9E-08		
2-Methylphenol	5.3E-14					5.6E-08	2.3E-06	7.0E-09	7.8E-07		
2-Nitrophenol	3.2E-16					7.6E-09	3.1E-07	9.4E-10	1.0E-07		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.5E-10	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.8E-16	1.7E-14
4-Nitrophenol	6.5E-16					1.3E-08	4.8E-07	1.6E-09	1.6E-07		
Acetophenone	3.9E-15					1.2E-07	4.9E-06	1.5E-08	1.6E-06		
Benzoic acid	1.6E-14					5.4E-07	2.2E-05	6.7E-08	7.5E-06		
Benzyl alcohol	9.8E-18					4.5E-09	1.4E-07	5.6E-10	4.5E-08		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	1.2E-10	8.0E-12	2.9E-10	1.9E-07	7.4E-06	2.4E-08	2.5E-06	3.9E-16	3.1E-14
Butyl benzyl phthalate	1.8E-13	3.3E-15	6.6E-14	3.8E-15	1.6E-13	6.0E-09	2.5E-07	7.5E-10	8.3E-08	1.9E-19	1.7E-17
Carbazole				1.4E-14	2.6E-13	1.7E-10	3.0E-09	2.1E-11	1.0E-09	6.9E-19	2.8E-17
Dibenzofuran		1.4E-16	2.9E-15	5.7E-16	2.3E-14	9.5E-09	3.9E-07	1.2E-09	1.3E-07	2.4E-16	2.1E-14
Dimethyl phthalate	6.5E-17					3.3E-10	5.9E-09	4.2E-11	2.0E-09		
Di-n-butyl phthalate	1.7E-12	3.3E-15	6.7E-14	3.9E-15	1.6E-13	9.2E-09	3.8E-07	1.1E-09	1.3E-07	1.9E-19	1.7E-17
Di-n-octyl phthalate	1.3E-17	9.4E-15	8.7E-14	1.1E-14	2.1E-13	6.4E-10	1.1E-08	8.0E-11	3.8E-09	5.5E-19	2.2E-17

Table H-52 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	7.9E-07	5.5E-09	2.6E-07		
Isopropanol						3.4E-04					
Phenol	1.5E-13					3.0E-07	1.2E-05	3.8E-08	4.2E-06		
Pyridine	7.7E-15					2.9E-08	1.2E-06	3.6E-09	4.0E-07		
TRS											
Total Reduced Sulfur						2.9E-07	1.3E-05	3.6E-08	4.2E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	4.6E-09	1.7E-11	1.5E-09		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	5.0E-09	1.7E-11	1.7E-09		
1,1-Dichloroethene	6.0E-21					2.6E-11	4.6E-10	3.2E-12	1.5E-10		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	2.0E-08	6.7E-11	6.6E-09		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	1.9E-09	1.4E-11	6.4E-10		
1,2,4-Trimethylbenzene						6.2E-09	2.0E-07	7.8E-10	6.6E-08		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.2E-09	8.6E-12	4.1E-10		
1,2-Dichloroethane	1.2E-17					2.8E-09	1.0E-07	1.0E-06	3.5E-08		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.7E-07	7.3E-10	5.8E-08		
1,3-Dichloropropane						6.7E-11	1.2E-09	8.4E-12	4.0E-10		
2-Butanone	2.4E-15					3.3E-08	1.3E-06	4.1E-09	4.4E-07		
2-Chlorotoluene						1.5E-09	6.1E-08	1.8E-10	2.0E-08		
2-Hexanone						6.8E-09	2.5E-07	8.4E-10	8.2E-08		
Benzene	2.0E-15					8.4E-05	3.4E-05	9.7E-06	1.1E-05		
Bromobenzene						3.7E-08	6.6E-07	4.7E-09	2.2E-07		
Bromochloromethane						8.8E-11	1.6E-09	1.1E-11	5.2E-10		
Bromodichloromethane	3.1E-19					9.5E-11	1.7E-09	1.2E-11	5.7E-10		

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Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	1.1E-07	4.8E-10	3.8E-08		
Carbon disulfide	1.3E-18					3.3E-09	9.8E-08	4.2E-10	3.3E-08		
Carbon tetrachloride	1.3E-19					1.5E-04	3.9E-09	1.5E-05	1.3E-09		
Chlorobenzene	4.7E-17					4.8E-09	1.7E-07	6.0E-10	5.7E-08		
Chlorodibromomethane	1.8E-17					2.4E-09	4.2E-08	3.0E-10	1.4E-08		
Chloroethane	3.7E-18					9.1E-09	3.2E-07	1.1E-09	1.1E-07		
Chloroform	2.8E-18					2.2E-05	3.8E-08	2.4E-06	1.3E-08		
Chloromethane	9.8E-18					3.1E-08	9.4E-07	3.9E-09	3.1E-07		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	7.1E-08	5.0E-10	2.4E-08		
cis-1,3-Dichloropropene						2.4E-11	4.3E-10	3.0E-12	1.4E-10		
Dibromomethane	4.2E-19					2.0E-10	3.6E-09	2.5E-11	1.2E-09		
Dichlorodifluoromethane	4.7E-21					2.5E-10	4.4E-09	3.1E-11	1.5E-09		
Ethylbenzene	1.5E-15					2.7E-05	7.4E-06	2.4E-08	2.5E-06		
Isopropylbenzene	2.0E-18					1.6E-08	5.4E-07	2.0E-09	1.8E-07		
m&p-Xylene	2.4E-16					3.6E-08	1.2E-06	4.6E-09	4.1E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	6.4E-09	4.5E-11	2.1E-09		
Methylene chloride	2.6E-17					1.8E-08	6.6E-07	2.3E-09	2.2E-07		
n-Butylbenzene						7.8E-09	2.3E-07	9.7E-10	7.7E-08		
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07		
o-Xylene	2.8E-16					2.3E-08	7.6E-07	2.9E-09	2.5E-07		
p-Chlorotoluene						5.5E-10	1.7E-08	6.9E-11	5.6E-09		
p-Isopropyltoluene						3.8E-09	9.2E-08	4.8E-10	3.1E-08		
sec-Butylbenzene						1.4E-09	4.3E-08	1.8E-10	1.4E-08		
Styrene	9.4E-15					5.1E-07	1.9E-05	6.4E-08	6.2E-06		

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Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						4.6E-08	8.1E-07	5.7E-09	2.7E-07		
Tetrachloroethene	6.6E-19					1.2E-10	4.2E-09	1.5E-11	1.4E-09		
Toluene	1.6E-15					3.2E-07	1.2E-05	3.9E-08	4.1E-06		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	1.5E-06	1.1E-08	5.0E-07		
trans-1,3-Dichloropropene						4.2E-11	7.5E-10	5.3E-12	2.5E-10		
Trichloroethene	6.8E-21					7.3E-12	1.3E-10	9.1E-13	4.3E-11		
Trichlorofluoromethane	1.0E-20					8.7E-11	1.6E-09	1.1E-11	5.2E-10		
Vinyl chloride	4.8E-19					5.0E-09	1.2E-07	6.2E-10	4.0E-08		

Table H-53 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			3.9E-04	4.9E-05	
Aldehydes					
Acetaldehyde			6.8E-04	8.5E-05	
Formaldehyde			2.6E-04	3.2E-05	
Propionaldehyde		7.5E-16	7.5E-05	9.4E-06	5.6E-12
CO					
Carbon monoxide			2.2E-02	2.8E-03	
CO2					
Carbon dioxide			6.5E-04	8.2E-05	
Criteria					
Sulfur Dioxide			1.5E-04	1.9E-05	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	3.2E-16	1.3E-15	4.6E-10	5.8E-11	6.1E-17
1,2,3,4,6,7,8-HpCDF	3.2E-16	1.2E-15	4.6E-10	5.8E-11	6.1E-17
1,2,3,4,7,8,9-HpCDF	3.9E-17	1.5E-16	6.1E-11	7.6E-12	7.5E-18
1,2,3,4,7,8-HxCDD	3.8E-17	1.5E-16	5.6E-11	7.1E-12	7.3E-18
1,2,3,4,7,8-HxCDF	3.0E-16	1.2E-15	4.6E-10	5.7E-11	5.8E-17
1,2,3,6,7,8-HxCDD	7.7E-17	3.0E-16	1.2E-10	1.5E-11	1.5E-17
1,2,3,6,7,8-HxCDF	9.9E-17	3.9E-16	1.5E-10	1.9E-11	1.9E-17
1,2,3,7,8,9-HxCDD	1.2E-16	4.8E-16	1.8E-10	2.3E-11	2.3E-17
1,2,3,7,8,9-HxCDF	7.2E-18	2.8E-17	1.2E-11	1.4E-12	1.4E-18

Table H-53 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	4.3E-17	1.7E-16	7.3E-11	9.1E-12	8.4E-18
1,2,3,7,8-PeCDF	5.1E-17	2.0E-16	1.0E-10	1.3E-11	9.9E-18
2,3,4,6,7,8-HxCDF	1.5E-16	5.8E-16	2.3E-10	2.8E-11	2.9E-17
2,3,4,7,8-PeCDF	1.2E-16	4.8E-16	2.3E-10	2.9E-11	2.4E-17
2,3,7,8-TCDD	5.6E-18	2.2E-17	2.2E-11	2.7E-12	7.6E-16
2,3,7,8-TCDF	1.7E-17	6.6E-17	1.1E-10	1.4E-11	3.2E-18
OCDD	2.1E-16	8.2E-16	3.0E-10	3.8E-11	4.0E-17
OCDF	7.8E-17	3.1E-16	1.1E-10	1.4E-11	1.5E-17
HCN					
Hydrogen cyanide			8.3E-05	1.0E-05	
Metals					
Antimony			2.7E-06	3.4E-07	
Arsenic	8.4E-19	2.0E-18	2.7E-07	3.4E-08	1.6E-19
Barium		4.3E-10	3.8E-05	4.7E-06	2.1E-11
Beryllium		3.3E-16	1.8E-08	2.3E-09	1.6E-17
Cadmium		2.7E-16	3.4E-07	4.3E-08	1.3E-17
Chromium		1.8E-11	3.0E-06	3.8E-07	9.0E-13
Cobalt		3.3E-11	1.4E-06	1.7E-07	1.6E-12
Copper		6.3E-11	7.8E-06	9.7E-07	3.1E-12
Lead		3.1E-14	2.5E-06	3.1E-07	1.5E-15
Manganese		2.6E-13	2.4E-06	3.0E-07	1.3E-14
Mercury (+2)		5.4E-15	1.1E-08	1.3E-09	2.7E-16

Table H-53 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Mercury, elemental			4.5E-11	5.6E-12	
Methyl Mercury		3.4E-16			1.7E-17
Nickel		1.3E-15	1.5E-06	1.9E-07	6.5E-17
Phosphorus		2.3E-15	1.1E-05	1.3E-06	2.2E-11
Selenium		1.3E-17	7.9E-08	9.9E-09	6.6E-19
Silver		2.0E-13	4.7E-08	5.9E-09	9.7E-15
Titanium		3.0E-15	3.0E-08	3.8E-09	1.5E-16
Zinc		4.8E-14	4.6E-05	5.7E-06	2.3E-15
NOx					
NOx (Oxides of Nitrogen)			6.6E-04	8.2E-05	
PAHs					
1-Methylnaphthalene	1.1E-16	1.0E-16	1.9E-05	2.4E-06	1.2E-13
1-Methylphenanthrene		7.0E-14	2.3E-06	2.9E-07	3.5E-15
2,3,5-Trimethylnaphthalene		3.5E-14	1.2E-06	1.5E-07	1.7E-15
2,6-Dimethylnaphthalene		9.3E-14	3.0E-06	3.8E-07	4.5E-15
2-Methylnaphthalene	1.1E-16	1.0E-16	1.8E-05	2.3E-06	1.2E-13
Acenaphthylene		3.0E-13	1.1E-05	1.4E-06	1.5E-14
Acenaphthene			2.0E-06	2.5E-07	
Anthracene			3.6E-06	4.5E-07	
Benzo(a)anthracene	8.8E-13	8.0E-13	1.8E-06	2.3E-07	1.2E-11
Benzo(a)pyrene	3.7E-13	3.4E-13	6.8E-07	8.5E-08	1.7E-14
Benzo(b)fluoranthene	1.9E-14	1.8E-14	7.3E-07	9.1E-08	8.6E-16

Table H-53 (Lifetime Average Daily Dose)

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Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(e)pyrene		1.5E-14	5.6E-07	7.0E-08	7.5E-16
Benzo(g,h,i)perylene		1.2E-14	4.4E-07	5.5E-08	5.8E-16
Benzo(k)fluoranthene	5.2E-15	4.8E-15	1.4E-09	1.8E-10	2.3E-16
Biphenyl		1.7E-15	6.5E-05	8.2E-06	9.7E-13
Chrysene	9.8E-13	8.9E-13	2.9E-06	3.7E-07	4.4E-14
Dibenze(a,h)anthracene	1.2E-13	1.1E-13	1.1E-07	1.3E-08	5.4E-15
Fluoranthene	2.9E-14	2.6E-14	4.3E-06	5.4E-07	1.3E-15
Fluorene			1.1E-05	1.4E-06	
Indeno(1,2,3-cd)pyrene	3.5E-13	3.2E-13	3.5E-07	4.4E-08	1.6E-14
Napthalene			8.6E-05	1.1E-05	
Perylene		7.5E-15	2.9E-07	3.6E-08	3.7E-16
Phenanthrene			2.0E-05	2.5E-06	
Pyrene	8.0E-14	7.2E-14	4.2E-06	5.3E-07	2.0E-12
Particulate					
Particulate Total Suspended Particulate		1.2E-09	1.2E-02	1.5E-03	5.6E-11
PM<10		1.5E-09	1.6E-02	2.0E-03	7.5E-11
PM<2.5		1.3E-09	1.4E-02	1.8E-03	6.4E-11
PCBs					
Dichlorobiphenyl	1.6E-16	1.4E-16	5.2E-08	6.6E-09	1.3E-14
Heptachlorobiphenyl	1.8E-17	1.5E-17	7.0E-10	8.8E-11	7.7E-16
Hexachlorobiphenyl	7.3E-17	6.1E-17	2.8E-09	3.5E-10	3.1E-15
Monochlorobiphenyl	1.1E-15	9.6E-16	3.7E-07	4.6E-08	8.9E-14

Table H-53 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Nonachlorobiphenyl	2.3E-18	1.9E-18	8.3E-11	1.0E-11	9.8E-17
Octachlorobiphenyl	5.3E-18	4.5E-18	2.1E-10	2.6E-11	2.3E-16
Pentachlorobiphenyl	2.4E-16	2.1E-16	9.2E-09	1.2E-09	1.0E-14
Tetrachlorobiphenyl	4.9E-17	4.2E-17	1.5E-08	1.9E-09	3.9E-15
Trichlorobiphenyl	6.4E-17	5.4E-17	2.0E-08	2.5E-09	5.0E-15
SVOCs					
1,2,4-trichlorobenzene			1.1E-07	1.3E-08	
1,2-dichlorobenzene			1.4E-08	1.7E-09	
1,3-dichlorobenzene			7.0E-08	8.8E-09	
1,4-dichlorobenzene			9.7E-07	1.2E-07	
2,4-Dimethylphenol			1.3E-05	1.6E-06	
2-Chlorophenol			2.9E-06	3.6E-07	
2-Methylphenol			3.3E-05	4.1E-06	
2-Nitrophenol			4.3E-06	5.4E-07	
3-Methylphenol & 4-Methylphenol		1.8E-12	5.8E-05	7.3E-06	8.8E-14
4-Nitrophenol			6.5E-06	8.2E-07	
Acetophenone			6.7E-05	8.4E-06	
Benzoic acid			3.1E-04	3.9E-05	
Benzyl alcohol			1.6E-06	2.0E-07	
bis(2-Ethylhexyl) phthalate	2.7E-12	3.2E-12	1.0E-04	1.3E-05	1.5E-13
Butyl benzyl phthalate	1.6E-15	1.8E-15	3.4E-06	4.3E-07	9.0E-17
Carbazole		1.6E-15	2.0E-08	2.6E-09	7.9E-17

Table H-53 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
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Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibenzofuran	6.6E-17	2.6E-16	5.4E-06	6.8E-07	1.1E-13
Dimethyl phthalate			4.2E-08	5.3E-09	
Di-n-butyl phthalate	1.6E-15	1.8E-15	5.3E-06	6.6E-07	9.0E-17
Di-n-octyl phthalate	1.1E-15	1.3E-15	8.1E-08	1.0E-08	6.3E-17
Hexachlorobutadiene			5.6E-06	7.0E-07	
Phenol			1.7E-04	2.2E-05	
Pyridine			1.6E-05	2.1E-06	
TRS					
Total Reduced Sulfur			1.8E-04	2.2E-05	
VOCs					
1,1,1,2-Tetrachloroethane			5.8E-08	7.3E-09	
1,1,1-Trichloroethane			6.7E-08	8.3E-09	
1,1-Dichloroethene			3.3E-09	4.1E-10	
1,2,3-Trichlorobenzene			2.6E-07	3.3E-08	
1,2,3-Trichloropropane			1.4E-08	1.7E-09	
1,2,4-Trimethylbenzene			2.4E-06	3.0E-07	
1,2-Dibromoethane			8.8E-09	1.1E-09	
1,2-Dichloroethane			1.4E-06	1.7E-07	
1,3,5-Trimethylbenzene			2.1E-06	2.6E-07	
1,3-Dichloropropane			8.5E-09	1.1E-09	
2-Butanone			1.8E-05	2.2E-06	
2-Chlorotoluene			8.4E-07	1.0E-07	

Table H-53 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Hexanone			3.2E-06	4.0E-07	
Benzene			4.6E-04	5.8E-05	
Bromobenzene			4.7E-06	5.9E-07	
Bromochloromethane			1.1E-08	1.4E-09	
Bromodichloromethane			1.2E-08	1.5E-09	
Bromomethane			1.4E-06	1.7E-07	
Carbon disulfide			1.1E-06	1.4E-07	
Carbon tetrachloride			2.8E-08	3.5E-09	
Chlorobenzene			2.2E-06	2.8E-07	
Chlorodibromomethane			3.0E-07	3.8E-08	
Chloroethane			4.1E-06	5.1E-07	
Chloroform			3.1E-07	3.9E-08	
Chloromethane			1.1E-05	1.4E-06	
cis-1,2-Dichloroethene			5.0E-07	6.3E-08	
cis-1,3-Dichloropropene			3.1E-09	3.9E-10	
Dibromomethane			2.6E-08	3.2E-09	
Dichlorodifluoromethane			3.2E-08	3.9E-09	
Ethylbenzene			9.9E-05	1.2E-05	
Isopropylbenzene			6.9E-06	8.6E-07	
m&p-Xylene			1.6E-05	2.0E-06	
Methyl Isobutyl Ketone (4-methyl-2-penta			4.5E-08	5.6E-09	
Methylene chloride			8.8E-06	1.1E-06	

Table H-53 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
n-Butylbenzene			2.7E-06	3.4E-07	
n-Propylbenzene			3.8E-06	4.8E-07	
o-Xylene			9.6E-06	1.2E-06	
p-Chlorotoluene			2.0E-07	2.5E-08	
p-Isopropyltoluene			9.3E-07	1.2E-07	
sec-Butylbenzene			5.2E-07	6.5E-08	
Styrene			2.5E-04	3.1E-05	
tert-Butylbenzene			5.8E-06	7.2E-07	
Tetrachloroethene			5.4E-08	6.8E-09	
Toluene			1.7E-04	2.1E-05	
trans-1,2-Dichloroethene			1.1E-05	1.3E-06	
trans-1,3-Dichloropropene			5.4E-09	6.7E-10	
Trichloroethene			9.2E-10	1.2E-10	
Trichlorofluoromethane			1.1E-08	1.4E-09	
Vinyl chloride			1.2E-06	1.5E-07	

Table H-54 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			2.7E-05	3.4E-06	
Aldehydes					
Acetaldehyde			4.7E-05	5.9E-06	
Formaldehyde			1.8E-05	2.2E-06	
Propionaldehyde		5.2E-14	5.3E-06	6.6E-07	3.9E-13
CO					
Carbon monoxide			1.6E-03	1.9E-04	
CO2					
Carbon dioxide			4.6E-05	5.7E-06	
Criteria					
Sulfur Dioxide			1.1E-05	1.3E-06	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	4.1E-14	1.6E-13	3.2E-11	4.0E-12	7.9E-18
1,2,3,4,6,7,8-HpCDF	4.1E-14	1.6E-13	3.2E-11	4.0E-12	7.9E-18
1,2,3,4,7,8,9-HpCDF	5.1E-15	2.0E-14	4.3E-12	5.3E-13	9.8E-19
1,2,3,4,7,8-HxCDD	4.9E-15	1.9E-14	3.9E-12	4.9E-13	9.4E-19
1,2,3,4,7,8-HxCDF	3.9E-14	1.5E-13	3.2E-11	4.0E-12	7.5E-18
1,2,3,6,7,8-HxCDD	1.0E-14	3.9E-14	8.3E-12	1.0E-12	1.9E-18
1,2,3,6,7,8-HxCDF	1.3E-14	5.1E-14	1.0E-11	1.3E-12	2.5E-18
1,2,3,7,8,9-HxCDD	1.6E-14	6.2E-14	1.3E-11	1.6E-12	3.0E-18
1,2,3,7,8,9-HxCDF	9.3E-16	3.7E-15	8.1E-13	1.0E-13	1.8E-19

Table H-54 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	5.6E-15	2.2E-14	5.1E-12	6.3E-13	1.1E-18
1,2,3,7,8-PeCDF	6.7E-15	2.6E-14	7.3E-12	9.1E-13	1.3E-18
2,3,4,6,7,8-HxCDF	1.9E-14	7.5E-14	1.6E-11	2.0E-12	3.7E-18
2,3,4,7,8-PeCDF	1.6E-14	6.3E-14	1.6E-11	2.0E-12	3.1E-18
2,3,7,8-TCDD	7.2E-16	2.8E-15	1.5E-12	1.9E-13	9.7E-17
2,3,7,8-TCDF	2.1E-15	8.5E-15	7.6E-12	9.5E-13	4.1E-19
OCDD	2.7E-14	1.1E-13	2.1E-11	2.6E-12	5.2E-18
OCDF	1.0E-14	4.0E-14	7.8E-12	9.7E-13	1.9E-18
HCN					
Hydrogen cyanide			5.8E-06	7.3E-07	
Metals					
Antimony			1.9E-07	2.4E-08	
Arsenic	5.9E-17	1.4E-16	1.9E-08	2.4E-09	1.1E-20
Barium		5.3E-08	2.7E-06	3.3E-07	2.6E-12
Beryllium		2.3E-14	1.3E-09	1.6E-10	1.1E-18
Cadmium		1.9E-14	2.4E-08	3.0E-09	9.3E-19
Chromium		2.0E-09	2.1E-07	2.7E-08	9.8E-14
Cobalt		4.0E-09	9.5E-08	1.2E-08	2.0E-13
Copper		7.6E-09	5.4E-07	6.8E-08	3.7E-13
Lead		2.2E-12	1.7E-07	2.1E-08	1.1E-16
Manganese		1.8E-11	1.7E-07	2.1E-08	9.0E-16
Mercury (+2)		7.6E-13	7.5E-10	9.4E-11	3.7E-17

Table H-54 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Mercury, elemental			3.1E-12	3.9E-13	
Methyl Mercury		4.8E-14			2.3E-18
Nickel		9.3E-14	1.1E-07	1.3E-08	4.5E-18
Phosphorus		1.6E-13	7.5E-07	9.4E-08	1.5E-12
Selenium		9.4E-16	5.5E-09	6.9E-10	4.6E-20
Silver		1.8E-11	3.3E-09	4.1E-10	8.8E-16
Titanium		2.1E-13	2.1E-09	2.7E-10	1.0E-17
Zinc		3.3E-12	3.2E-06	4.0E-07	1.6E-16
NOx					
NOx (Oxides of Nitrogen)			4.6E-05	5.8E-06	
PAHs					
1-Methylnaphthalene	8.0E-15	7.2E-15	1.3E-06	1.7E-07	8.2E-15
1-Methylphenanthrene		5.0E-12	1.6E-07	2.0E-08	2.4E-16
2,3,5-Trimethylnaphthalene		2.5E-12	8.2E-08	1.0E-08	1.2E-16
2,6-Dimethylnaphthalene		6.5E-12	2.1E-07	2.7E-08	3.2E-16
2-Methylnaphthalene	7.7E-15	7.0E-15	1.3E-06	1.6E-07	8.1E-15
Acenaphthylene		2.1E-11	7.8E-07	9.7E-08	1.0E-15
Acenaphthene			1.4E-07	1.8E-08	
Anthracene			2.5E-07	3.1E-08	
Benzo(a)anthracene	7.4E-11	6.7E-11	1.3E-07	1.6E-08	1.0E-12
Benzo(a)pyrene	3.0E-11	2.7E-11	4.8E-08	6.0E-09	1.3E-15
Benzo(b)fluoranthene	1.6E-12	1.5E-12	5.1E-08	6.3E-09	7.1E-17

Table H-54 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(e)pyrene		1.1E-12	3.9E-08	4.9E-09	5.3E-17
Benzo(g,h,i)perylene		8.3E-13	3.1E-08	3.9E-09	4.1E-17
Benzo(k)fluoranthene	5.6E-13	5.1E-13	1.0E-10	1.3E-11	2.5E-17
Biphenyl		1.2E-13	4.6E-06	5.7E-07	6.8E-14
Chrysene	8.9E-11	8.1E-11	2.1E-07	2.6E-08	4.0E-15
Dibenze(a,h)anthracene	1.1E-11	9.9E-12	7.4E-09	9.2E-10	4.9E-16
Fluoranthene	2.2E-12	2.0E-12	3.0E-07	3.8E-08	1.0E-16
Fluorene			7.7E-07	9.6E-08	
Indeno(1,2,3-cd)pyrene	3.0E-11	2.7E-11	2.5E-08	3.1E-09	1.3E-15
Napthalene			6.0E-06	7.5E-07	
Perylene		5.3E-13	2.0E-08	2.5E-09	2.6E-17
Phenanthrene			1.4E-06	1.8E-07	
Pyrene	8.4E-12	7.7E-12	3.0E-07	3.7E-08	2.1E-13
Particulate					
Particulate Total Suspended Particulate		8.1E-08	8.5E-04	1.1E-04	4.0E-12
PM<10		1.1E-07	1.1E-03	1.4E-04	5.3E-12
PM<2.5		9.2E-08	1.0E-03	1.3E-04	4.5E-12
PCBs					
Dichlorobiphenyl	2.1E-14	1.8E-14	3.7E-09	4.6E-10	1.6E-15
Heptachlorobiphenyl	2.3E-15	2.0E-15	4.9E-11	6.2E-12	9.9E-17
Hexachlorobiphenyl	9.4E-15	8.0E-15	2.0E-10	2.5E-11	4.0E-16
Monochlorobiphenyl	1.5E-13	1.2E-13	2.6E-08	3.2E-09	1.1E-14

Table H-54 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Nonachlorobiphenyl	3.0E-16	2.5E-16	5.8E-12	7.2E-13	1.3E-17
Octachlorobiphenyl	6.9E-16	5.8E-16	1.4E-11	1.8E-12	3.0E-17
Pentachlorobiphenyl	3.2E-14	2.7E-14	6.5E-10	8.1E-11	1.4E-15
Tetrachlorobiphenyl	6.3E-15	5.3E-15	1.1E-09	1.3E-10	5.0E-16
Trichlorobiphenyl	8.2E-15	6.9E-15	1.4E-09	1.7E-10	6.5E-16
SVOCs					
1,2,4-trichlorobenzene			7.5E-09	9.4E-10	
1,2-dichlorobenzene			9.7E-10	1.2E-10	
1,3-dichlorobenzene			4.9E-09	6.2E-10	
1,4-dichlorobenzene			6.8E-08	8.5E-09	
2,4-Dimethylphenol			9.1E-07	1.1E-07	
2-Chlorophenol			2.0E-07	2.5E-08	
2-Methylphenol			2.3E-06	2.9E-07	
2-Nitrophenol			3.0E-07	3.8E-08	
3-Methylphenol & 4-Methylphenol		1.3E-10	4.1E-06	5.1E-07	6.2E-15
4-Nitrophenol			4.6E-07	5.7E-08	
Acetophenone			4.7E-06	5.9E-07	
Benzoic acid			2.2E-05	2.7E-06	
Benzyl alcohol			1.1E-07	1.4E-08	
bis(2-Ethylhexyl) phthalate	1.9E-10	2.2E-10	7.0E-06	8.8E-07	1.1E-14
Butyl benzyl phthalate	1.1E-13	1.3E-13	2.4E-07	3.0E-08	6.3E-18
Carbazole		1.1E-13	1.4E-09	1.8E-10	5.6E-18

Table H-54 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibenzofuran	4.6E-15	1.8E-14	3.8E-07	4.8E-08	7.8E-15
Dimethyl phthalate			3.0E-09	3.7E-10	
Di-n-butyl phthalate	1.1E-13	1.3E-13	3.7E-07	4.6E-08	6.4E-18
Di-n-octyl phthalate	7.7E-14	9.0E-14	5.7E-09	7.1E-10	4.4E-18
Hexachlorobutadiene			3.9E-07	4.9E-08	
Phenol			1.2E-05	1.5E-06	
Pyridine			1.2E-06	1.4E-07	
TRS					
Total Reduced Sulfur			1.3E-05	1.6E-06	
VOCs					
1,1,1,2-Tetrachloroethane			4.1E-09	5.1E-10	
1,1,1-Trichloroethane			4.7E-09	5.8E-10	
1,1-Dichloroethene			2.3E-10	2.9E-11	
1,2,3-Trichlorobenzene			1.8E-08	2.3E-09	
1,2,3-Trichloropropane			9.6E-10	1.2E-10	
1,2,4-Trimethylbenzene			1.7E-07	2.1E-08	
1,2-Dibromoethane			6.1E-10	7.7E-11	
1,2-Dichloroethane			9.8E-08	1.2E-08	
1,3,5-Trimethylbenzene			1.4E-07	1.8E-08	
1,3-Dichloropropane			6.0E-10	7.4E-11	
2-Butanone			1.2E-06	1.6E-07	
2-Chlorotoluene			5.9E-08	7.3E-09	

Table H-54 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Hexanone			2.3E-07	2.8E-08	
Benzene			3.2E-05	4.0E-06	
Bromobenzene			3.3E-07	4.1E-08	
Bromochloromethane			7.8E-10	9.8E-11	
Bromodichloromethane			8.5E-10	1.1E-10	
Bromomethane			9.6E-08	1.2E-08	
Carbon disulfide			8.0E-08	1.0E-08	
Carbon tetrachloride			1.9E-09	2.4E-10	
Chlorobenzene			1.6E-07	2.0E-08	
Chlorodibromomethane			2.1E-08	2.6E-09	
Chloroethane			2.9E-07	3.6E-08	
Chloroform			2.2E-08	2.7E-09	
Chloromethane			7.9E-07	9.8E-08	
cis-1,2-Dichloroethene			3.5E-08	4.4E-09	
cis-1,3-Dichloropropene			2.2E-10	2.7E-11	
Dibromomethane			1.8E-09	2.3E-10	
Dichlorodifluoromethane			2.2E-09	2.8E-10	
Ethylbenzene			6.9E-06	8.6E-07	
Isopropylbenzene			4.8E-07	6.0E-08	
m&p-Xylene			1.1E-06	1.4E-07	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.2E-09	4.0E-10	
Methylene chloride			6.1E-07	7.7E-08	

Table H-54 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
n-Butylbenzene			1.9E-07	2.4E-08	
n-Propylbenzene			2.7E-07	3.4E-08	
o-Xylene			6.7E-07	8.4E-08	
p-Chlorotoluene			1.4E-08	1.7E-09	
p-Isopropyltoluene			6.5E-08	8.2E-09	
sec-Butylbenzene			3.6E-08	4.5E-09	
Styrene			1.7E-05	2.1E-06	
tert-Butylbenzene			4.1E-07	5.1E-08	
Tetrachloroethene			3.8E-09	4.8E-10	
Toluene			1.2E-05	1.5E-06	
trans-1,2-Dichloroethene			7.5E-07	9.4E-08	
trans-1,3-Dichloropropene			3.8E-10	4.7E-11	
Trichloroethene			6.4E-11	8.1E-12	
Trichlorofluoromethane			7.8E-10	9.7E-11	
Vinyl chloride			8.6E-08	1.1E-08	

Table H-55 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas						
Hydrogen Chloride				5.8E-04	1.9E-04	
Aldehydes						
Acetaldehyde	1.3E-15			1.0E-03	3.4E-04	
Formaldehyde	6.5E-15			4.0E-04	1.3E-04	
Propionaldehyde			1.0E-15	1.1E-04	3.7E-05	2.3E-11
CO						
Carbon monoxide				3.2E-02	1.1E-02	
CO2						
Carbon dioxide				9.8E-04	3.3E-04	
Criteria						
Sulfur Dioxide				2.4E-04	7.9E-05	
DIOXINS						
1,2,3,4,6,7,8-HpCDD	1.3E-20	2.0E-16	1.6E-15	6.6E-10	2.2E-10	2.3E-16
1,2,3,4,6,7,8-HpCDF	1.3E-20	2.0E-16	1.6E-15	6.6E-10	2.2E-10	2.3E-16
1,2,3,4,7,8,9-HpCDF	2.1E-21	2.4E-17	1.9E-16	8.6E-11	2.9E-11	2.8E-17
1,2,3,4,7,8-HxCDD	1.6E-20	2.4E-17	1.9E-16	8.0E-11	2.7E-11	2.7E-17
1,2,3,4,7,8-HxCDF	1.1E-19	1.9E-16	1.5E-15	6.5E-10	2.2E-10	2.2E-16
1,2,3,6,7,8-HxCDD	3.1E-20	4.8E-17	3.8E-16	1.7E-10	5.6E-11	5.6E-17
1,2,3,6,7,8-HxCDF	4.0E-20	6.2E-17	4.9E-16	2.1E-10	7.1E-11	7.2E-17
1,2,3,7,8,9-HxCDD	4.3E-20	7.6E-17	6.0E-16	2.6E-10	8.5E-11	8.8E-17
1,2,3,7,8,9-HxCDF	3.4E-21	4.4E-18	3.5E-17	1.6E-11	5.5E-12	5.2E-18

Table H-55 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	9.8E-20	2.7E-17	2.1E-16	1.0E-10	3.4E-11	3.1E-17
1,2,3,7,8-PeCDF	1.4E-19	3.2E-17	2.5E-16	1.5E-10	4.9E-11	3.7E-17
2,3,4,6,7,8-HxCDF	5.8E-20	9.3E-17	7.4E-16	3.2E-10	1.1E-10	1.1E-16
2,3,4,7,8-PeCDF	2.1E-19	7.6E-17	6.0E-16	3.3E-10	1.1E-10	8.8E-17
2,3,7,8-TCDD	3.4E-20	4.1E-18	3.2E-17	3.4E-11	1.1E-11	3.3E-15
2,3,7,8-TCDF	1.1E-19	1.0E-17	8.1E-17	1.5E-10	5.1E-11	1.2E-17
OCDD	1.7E-22	1.3E-16	1.1E-15	4.3E-10	1.4E-10	1.5E-16
OCDF	6.5E-23	5.0E-17	4.0E-16	1.6E-10	5.3E-11	5.8E-17
HCN						
Hydrogen cyanide				1.2E-04	4.0E-05	
Metals						
Antimony	2.2E-19			5.0E-06	1.7E-06	
Arsenic	1.2E-17	6.9E-19	3.3E-18	4.1E-07	1.4E-07	8.0E-19
Barium	2.6E-14		8.8E-10	6.6E-05	2.2E-05	1.3E-10
Beryllium	4.7E-19		5.6E-16	2.8E-08	9.4E-09	8.3E-17
Cadmium	1.2E-16		4.5E-16	5.1E-07	1.7E-07	6.6E-17
Chromium	3.1E-17		3.0E-11	4.5E-06	1.5E-06	4.4E-12
Cobalt			8.0E-11	3.5E-06	1.2E-06	1.2E-11
Copper			1.1E-10	1.2E-05	3.9E-06	1.6E-11
Lead	9.9E-20		5.5E-14	3.8E-06	1.3E-06	8.0E-15
Manganese			4.3E-13	3.7E-06	1.2E-06	6.4E-14
Mercury (+2)			7.6E-15	1.6E-08	5.4E-09	1.1E-15

Table H-55 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Mercury, elemental				6.7E-11	2.2E-11	
Methyl Mercury	9.3E-17		5.6E-16			8.3E-17
Nickel	4.7E-17		2.2E-15	2.3E-06	7.8E-07	3.3E-16
Phosphorus			4.0E-15	1.7E-05	5.6E-06	1.1E-10
Selenium	3.9E-18		2.2E-17	1.2E-07	4.0E-08	3.3E-18
Silver	2.7E-18		3.4E-13	7.3E-08	2.4E-08	5.1E-14
Titanium			4.6E-15	4.4E-08	1.5E-08	6.8E-16
Zinc	5.8E-14		9.3E-14	7.6E-05	2.5E-05	1.4E-14
NOx						
NOx (Oxides of Nitrogen)				1.0E-03	3.4E-04	
PAHs						
1-Methylnaphthalene		6.9E-17	1.3E-16	2.7E-05	8.9E-06	4.3E-13
1-Methylphenanthrene			8.6E-14	3.2E-06	1.1E-06	1.3E-14
2,3,5-Trimethylnaphthalene			4.2E-14	1.6E-06	5.4E-07	6.2E-15
2,6-Dimethylnaphthalene			1.1E-13	4.2E-06	1.4E-06	1.6E-14
2-Methylnaphthalene		6.7E-17	1.2E-16	2.6E-05	8.7E-06	4.2E-13
Acenaphthylene			3.6E-13	1.6E-05	5.2E-06	5.3E-14
Acenaphthene	4.8E-17			2.8E-06	9.4E-07	
Anthracene	6.1E-16			5.0E-06	1.7E-06	
Benzo(a)anthracene	8.8E-14	5.2E-13	9.5E-13	2.5E-06	8.4E-07	4.3E-11
Benzo(a)pyrene	4.4E-14	2.3E-13	4.1E-13	9.6E-07	3.2E-07	6.1E-14
Benzo(b)fluoranthene	1.2E-14	1.2E-14	2.2E-14	1.0E-06	3.4E-07	3.3E-15

Table H-55 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(e)pyrene			1.9E-14	8.0E-07	2.7E-07	2.8E-15
Benzo(g,h,i)perylene			1.5E-14	6.2E-07	2.1E-07	2.1E-15
Benzo(k)fluoranthene	8.8E-17	6.0E-15	1.1E-14	4.1E-09	1.4E-09	1.6E-15
Biphenyl			2.0E-15	9.1E-05	3.0E-05	3.5E-12
Chrysene	1.5E-14	6.0E-13	1.1E-12	4.1E-06	1.4E-06	1.6E-13
Dibenze(a,h)anthracene	2.1E-15	7.5E-14	1.4E-13	1.5E-07	5.0E-08	2.0E-14
Fluoranthene	4.0E-15	1.7E-14	3.2E-14	6.1E-06	2.0E-06	4.7E-15
Fluorene	8.7E-16			1.5E-05	5.1E-06	
Indeno(1,2,3-cd)pyrene	5.4E-15	2.2E-13	3.9E-13	4.9E-07	1.6E-07	5.8E-14
Napthalene	4.0E-16			1.2E-04	4.0E-05	
Perylene			8.8E-15	4.0E-07	1.3E-07	1.3E-15
Phenanthrene	4.2E-15			2.8E-05	9.4E-06	
Pyrene	2.9E-15	4.9E-14	8.8E-14	5.9E-06	2.0E-06	7.4E-12
Particulate						
Particulate Total Suspended Particulate			1.7E-09	1.8E-02	5.8E-03	2.6E-10
PM<10			2.3E-09	2.4E-02	7.8E-03	3.3E-10
PM<2.5			1.9E-09	2.0E-02	6.8E-03	2.8E-10
PCBs						
Dichlorobiphenyl	8.7E-17	1.0E-16	1.7E-16	7.4E-08	2.5E-08	4.7E-14
Heptachlorobiphenyl	3.3E-18	1.1E-17	1.9E-17	1.0E-09	3.3E-10	2.9E-15
Hexachlorobiphenyl	1.3E-17	4.7E-17	7.9E-17	4.0E-09	1.3E-09	1.2E-14
Monochlorobiphenyl	6.1E-16	7.0E-16	1.2E-15	5.2E-07	1.7E-07	3.3E-13

Table H-55 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Nonachlorobiphenyl	4.1E-19	1.6E-18	2.7E-18	1.2E-10	4.1E-11	4.1E-16
Octachlorobiphenyl	9.7E-19	3.4E-18	5.8E-18	3.0E-10	9.9E-11	8.8E-16
Pentachlorobiphenyl	4.4E-17	1.6E-16	2.7E-16	1.3E-08	4.5E-09	4.2E-14
Tetrachlorobiphenyl	2.6E-17	3.3E-17	5.5E-17	2.2E-08	7.3E-09	1.5E-14
Trichlorobiphenyl	3.4E-17	4.1E-17	7.0E-17	2.9E-08	9.6E-09	2.0E-14
SVOCs						
1,2,4-trichlorobenzene				1.7E-07	5.6E-08	
1,2-dichlorobenzene	3.9E-20			3.8E-08	1.3E-08	
1,3-dichlorobenzene	9.9E-20			1.1E-07	3.6E-08	
1,4-dichlorobenzene	1.3E-18			1.3E-06	4.4E-07	
2,4-Dimethylphenol	3.6E-17			1.8E-05	6.2E-06	
2-Chlorophenol	1.8E-18			4.0E-06	1.3E-06	
2-Methylphenol	7.5E-16			4.6E-05	1.5E-05	
2-Nitrophenol	4.6E-18			6.1E-06	2.0E-06	
3-Methylphenol & 4-Methylphenol			2.2E-12	8.2E-05	2.7E-05	3.2E-13
4-Nitrophenol	9.3E-18			9.4E-06	3.1E-06	
Acetophenone	5.6E-17			9.5E-05	3.2E-05	
Benzoic acid	2.3E-16			4.4E-04	1.5E-04	
Benzyl alcohol	1.4E-19			2.7E-06	8.8E-07	
bis(2-Ethylhexyl) phthalate	7.0E-15	1.7E-12	4.1E-12	1.4E-04	4.8E-05	6.0E-13
Butyl benzyl phthalate	2.5E-15	9.5E-16	2.2E-15	4.8E-06	1.6E-06	3.3E-16
Carbazole			3.7E-15	5.9E-08	2.0E-08	5.4E-16

Table H-55 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibenzofuran		4.1E-17	3.2E-16	7.7E-06	2.6E-06	4.1E-13
Dimethyl phthalate	9.2E-19			1.2E-07	3.9E-08	
Di-n-butyl phthalate	2.4E-14	9.5E-16	2.3E-15	7.4E-06	2.5E-06	3.3E-16
Di-n-octyl phthalate	1.8E-19	1.2E-15	2.9E-15	2.2E-07	7.5E-08	4.3E-16
Hexachlorobutadiene	9.6E-17			1.5E-05	5.1E-06	
Phenol	2.1E-15			2.4E-04	8.1E-05	
Pyridine	1.1E-16			2.3E-05	7.7E-06	
TRS						
Total Reduced Sulfur				2.5E-04	8.2E-05	
VOCs						
1,1,1,2-Tetrachloroethane	3.8E-20			8.9E-08	3.0E-08	
1,1,1-Trichloroethane	2.5E-21			9.7E-08	3.2E-08	
1,1-Dichloroethene	8.5E-23			9.0E-09	3.0E-09	
1,2,3-Trichlorobenzene	2.7E-18			3.9E-07	1.3E-07	
1,2,3-Trichloropropane	1.5E-20			3.8E-08	1.3E-08	
1,2,4-Trimethylbenzene				3.9E-06	1.3E-06	
1,2-Dibromoethane	5.3E-21			2.4E-08	8.0E-09	
1,2-Dichloroethane	1.7E-19			2.0E-06	6.8E-07	
1,3,5-Trimethylbenzene	8.6E-19			3.4E-06	1.1E-06	
1,3-Dichloropropane				2.3E-08	7.8E-09	
2-Butanone	3.5E-17			2.6E-05	8.5E-06	
2-Chlorotoluene				1.2E-06	3.9E-07	

Table H-55 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Hexanone				4.8E-06	1.6E-06	
Benzene	2.8E-17			6.6E-04	2.2E-04	
Bromobenzene				1.3E-05	4.3E-06	
Bromochloromethane				3.1E-08	1.0E-08	
Bromodichloromethane	4.5E-21			3.3E-08	1.1E-08	
Bromomethane	1.9E-20			2.2E-06	7.4E-07	
Carbon disulfide	1.8E-20			1.9E-06	6.4E-07	
Carbon tetrachloride	1.9E-21			7.6E-08	2.5E-08	
Chlorobenzene	6.7E-19			3.3E-06	1.1E-06	
Chlorodibromomethane	2.6E-19			8.2E-07	2.7E-07	
Chloroethane	5.3E-20			6.2E-06	2.1E-06	
Chloroform	4.0E-20			7.4E-07	2.5E-07	
Chloromethane	1.4E-19			1.8E-05	6.1E-06	
cis-1,2-Dichloroethene	5.4E-20			1.4E-06	4.6E-07	
cis-1,3-Dichloropropene				8.5E-09	2.8E-09	
Dibromomethane	6.0E-21			7.1E-08	2.4E-08	
Dichlorodifluoromethane	6.7E-23			8.6E-08	2.9E-08	
Ethylbenzene	2.1E-17			1.4E-04	4.8E-05	
Isopropylbenzene	2.8E-20			1.1E-05	3.5E-06	
m&p-Xylene	3.4E-18			2.4E-05	8.0E-06	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	3.4E-20			1.2E-07	4.1E-08	
Methylene chloride	3.7E-19			1.3E-05	4.3E-06	

Table H-55 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
n-Butylbenzene				4.5E-06	1.5E-06	
n-Propylbenzene				6.0E-06	2.0E-06	
o-Xylene	4.0E-18			1.5E-05	5.0E-06	
p-Chlorotoluene				3.3E-07	1.1E-07	
p-Isopropyltoluene				1.8E-06	6.0E-07	
sec-Butylbenzene				8.4E-07	2.8E-07	
Styrene	1.3E-16			3.6E-04	1.2E-04	
tert-Butylbenzene				1.6E-05	5.3E-06	
Tetrachloroethene	9.4E-21			8.2E-08	2.7E-08	
Toluene	2.2E-17			2.4E-04	8.0E-05	
trans-1,2-Dichloroethene	8.4E-19			2.9E-05	9.8E-06	
trans-1,3-Dichloropropene				1.5E-08	4.9E-09	
Trichloroethene	9.7E-23			2.5E-09	8.4E-10	
Trichlorofluoromethane	1.5E-22			3.0E-08	1.0E-08	
Vinyl chloride	6.9E-21			2.3E-06	7.8E-07	

Table H-56 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas						
Hydrogen Chloride				4.1E-05	1.4E-05	
Aldehydes						
Acetaldehyde	9.2E-14			7.1E-05	2.4E-05	
Formaldehyde	4.5E-13			2.8E-05	9.2E-06	
Propionaldehyde			7.2E-14	7.8E-06	2.6E-06	1.6E-12
CO						
Carbon monoxide				2.3E-03	7.6E-04	
CO2						
Carbon dioxide				6.8E-05	2.3E-05	
Criteria						
Sulfur Dioxide				1.7E-05	5.6E-06	
DIOXINS						
1,2,3,4,6,7,8-HpCDD	1.3E-18	2.6E-14	2.1E-13	4.6E-11	1.5E-11	3.0E-17
1,2,3,4,6,7,8-HpCDF	1.3E-18	2.6E-14	2.1E-13	4.6E-11	1.5E-11	3.0E-17
1,2,3,4,7,8,9-HpCDF	1.9E-19	3.1E-15	2.5E-14	6.0E-12	2.0E-12	3.7E-18
1,2,3,4,7,8-HxCDD	1.5E-18	3.0E-15	2.4E-14	5.6E-12	1.9E-12	3.5E-18
1,2,3,4,7,8-HxCDF	1.0E-17	2.4E-14	1.9E-13	4.6E-11	1.5E-11	2.8E-17
1,2,3,6,7,8-HxCDD	2.8E-18	6.2E-15	4.9E-14	1.2E-11	3.9E-12	7.2E-18
1,2,3,6,7,8-HxCDF	3.8E-18	8.0E-15	6.3E-14	1.5E-11	5.0E-12	9.3E-18
1,2,3,7,8,9-HxCDD	4.1E-18	9.8E-15	7.7E-14	1.8E-11	6.0E-12	1.1E-17
1,2,3,7,8,9-HxCDF	3.0E-19	5.8E-16	4.5E-15	1.1E-12	3.8E-13	6.7E-19

Table H-56 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	7.6E-18	3.5E-15	2.8E-14	7.2E-12	2.4E-12	4.1E-18
1,2,3,7,8-PeCDF	1.1E-17	4.1E-15	3.3E-14	1.0E-11	3.4E-12	4.8E-18
2,3,4,6,7,8-HxCDF	5.4E-18	1.2E-14	9.5E-14	2.3E-11	7.6E-12	1.4E-17
2,3,4,7,8-PeCDF	1.7E-17	9.9E-15	7.8E-14	2.3E-11	7.7E-12	1.1E-17
2,3,7,8-TCDD	2.5E-18	5.2E-16	4.1E-15	2.4E-12	7.9E-13	4.2E-16
2,3,7,8-TCDF	8.0E-18	1.3E-15	1.0E-14	1.1E-11	3.6E-12	1.5E-18
OCDD	1.8E-20	1.7E-14	1.4E-13	3.0E-11	1.0E-11	2.0E-17
OCDF	6.7E-21	6.5E-15	5.1E-14	1.1E-11	3.7E-12	7.5E-18
HCN						
Hydrogen cyanide				8.4E-06	2.8E-06	
Metals						
Antimony	1.6E-17			3.5E-07	1.2E-07	
Arsenic	8.1E-16	4.8E-17	2.3E-16	2.9E-08	9.5E-09	5.6E-20
Barium	2.3E-12		1.1E-07	4.6E-06	1.5E-06	1.6E-11
Beryllium	3.3E-17		3.9E-14	2.0E-09	6.6E-10	5.8E-18
Cadmium	8.3E-15		3.1E-14	3.6E-08	1.2E-08	4.6E-18
Chromium	2.6E-15		3.2E-09	3.2E-07	1.1E-07	4.8E-13
Cobalt			1.0E-08	2.4E-07	8.1E-08	1.5E-12
Copper			1.3E-08	8.3E-07	2.8E-07	1.9E-12
Lead	6.9E-18		3.8E-12	2.7E-07	8.9E-08	5.6E-16
Manganese			3.1E-11	2.6E-07	8.6E-08	4.5E-15
Mercury (+2)			1.1E-12	1.1E-09	3.8E-10	1.6E-16

Table H-56 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Mercury, elemental				4.7E-12	1.6E-12	
Methyl Mercury	8.7E-15		7.9E-14			1.2E-17
Nickel	3.3E-15		1.6E-13	1.6E-07	5.4E-08	2.3E-17
Phosphorus			2.8E-13	1.2E-06	3.9E-07	8.0E-12
Selenium	2.8E-16		1.6E-15	8.3E-09	2.8E-09	2.3E-19
Silver	2.1E-16		3.1E-11	5.1E-09	1.7E-09	4.6E-15
Titanium			3.2E-13	3.1E-09	1.0E-09	4.8E-17
Zinc	4.1E-12		6.5E-12	5.4E-06	1.8E-06	9.6E-16
NOx						
NOx (Oxides of Nitrogen)				7.1E-05	2.4E-05	
PAHs						
1-Methylnaphthalene		4.9E-15	8.9E-15	1.9E-06	6.2E-07	3.0E-14
1-Methylphenanthrene			6.0E-12	2.3E-07	7.5E-08	8.9E-16
2,3,5-Trimethylnaphthalene			3.0E-12	1.1E-07	3.8E-08	4.4E-16
2,6-Dimethylnaphthalene			7.9E-12	3.0E-07	9.9E-08	1.2E-15
2-Methylnaphthalene		4.7E-15	8.6E-15	1.8E-06	6.1E-07	3.0E-14
Acenaphthylene			2.5E-11	1.1E-06	3.6E-07	3.7E-15
Acenaphthene	3.4E-15			2.0E-07	6.6E-08	
Anthracene	4.3E-14			3.5E-07	1.2E-07	
Benzo(a)anthracene	6.2E-12	4.4E-11	8.0E-11	1.8E-07	5.9E-08	3.6E-12
Benzo(a)pyrene	3.1E-12	1.8E-11	3.3E-11	6.7E-08	2.2E-08	4.9E-15
Benzo(b)fluoranthene	8.3E-13	1.0E-12	1.8E-12	7.2E-08	2.4E-08	2.7E-16

Table H-56 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(e)pyrene			1.3E-12	5.6E-08	1.9E-08	2.0E-16
Benzo(g,h,i)perylene			1.0E-12	4.3E-08	1.4E-08	1.5E-16
Benzo(k)fluoranthene	7.4E-15	6.4E-13	1.2E-12	2.8E-10	9.5E-11	1.7E-16
Biphenyl			1.4E-13	6.4E-06	2.1E-06	2.5E-13
Chrysene	1.1E-12	5.5E-11	9.9E-11	2.9E-07	9.6E-08	1.5E-14
Dibenze(a,h)anthracene	1.6E-13	6.7E-12	1.2E-11	1.0E-08	3.5E-09	1.8E-15
Fluoranthene	2.8E-13	1.4E-12	2.5E-12	4.2E-07	1.4E-07	3.7E-16
Fluorene	6.1E-14			1.1E-06	3.6E-07	
Indeno(1,2,3-cd)pyrene	4.0E-13	1.8E-11	3.3E-11	3.5E-08	1.2E-08	4.9E-15
Napthalene	2.8E-14			8.4E-06	2.8E-06	
Perylene			6.2E-13	2.8E-08	9.2E-09	9.1E-17
Phenanthrene	2.9E-13			2.0E-06	6.6E-07	
Pyrene	2.0E-13	5.1E-12	9.3E-12	4.1E-07	1.4E-07	7.9E-13
Particulate						
Particulate Total Suspended Particulate			1.2E-07	1.2E-03	4.1E-04	1.8E-11
PM<10			1.6E-07	1.6E-03	5.5E-04	2.3E-11
PM<2.5			1.3E-07	1.4E-03	4.8E-04	2.0E-11
PCBs						
Dichlorobiphenyl	6.1E-15	1.3E-14	2.2E-14	5.2E-09	1.7E-09	6.1E-15
Heptachlorobiphenyl	2.3E-16	1.4E-15	2.4E-15	7.0E-11	2.3E-11	3.7E-16
Hexachlorobiphenyl	9.3E-16	6.1E-15	1.0E-14	2.8E-10	9.4E-11	1.6E-15
Monochlorobiphenyl	4.3E-14	9.0E-14	1.5E-13	3.6E-08	1.2E-08	4.3E-14

Table H-56 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Nonachlorobiphenyl	2.9E-17	2.1E-16	3.5E-16	8.7E-12	2.9E-12	5.3E-17
Octachlorobiphenyl	6.8E-17	4.4E-16	7.5E-16	2.1E-11	6.9E-12	1.1E-16
Pentachlorobiphenyl	3.1E-15	2.1E-14	3.5E-14	9.4E-10	3.1E-10	5.4E-15
Tetrachlorobiphenyl	1.8E-15	4.2E-15	7.1E-15	1.5E-09	5.1E-10	2.0E-15
Trichlorobiphenyl	2.4E-15	5.3E-15	9.0E-15	2.0E-09	6.7E-10	2.5E-15
SVOCs						
1,2,4-trichlorobenzene				1.2E-08	3.9E-09	
1,2-dichlorobenzene	2.8E-18			2.6E-09	8.8E-10	
1,3-dichlorobenzene	6.9E-18			7.5E-09	2.5E-09	
1,4-dichlorobenzene	9.2E-17			9.3E-08	3.1E-08	
2,4-Dimethylphenol	2.5E-15			1.3E-06	4.3E-07	
2-Chlorophenol	1.3E-16			2.8E-07	9.4E-08	
2-Methylphenol	5.3E-14			3.2E-06	1.1E-06	
2-Nitrophenol	3.2E-16			4.3E-07	1.4E-07	
3-Methylphenol & 4-Methylphenol			1.5E-10	5.7E-06	1.9E-06	2.3E-14
4-Nitrophenol	6.5E-16			6.6E-07	2.2E-07	
Acetophenone	3.9E-15			6.6E-06	2.2E-06	
Benzoic acid	1.6E-14			3.1E-05	1.0E-05	
Benzyl alcohol	9.8E-18			1.9E-07	6.2E-08	
bis(2-Ethylhexyl) phthalate	4.9E-13	1.2E-10	2.9E-10	1.0E-05	3.4E-06	4.2E-14
Butyl benzyl phthalate	1.8E-13	6.6E-14	1.6E-13	3.4E-07	1.1E-07	2.3E-17
Carbazole			2.6E-13	4.1E-09	1.4E-09	3.8E-17

Table H-56 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibenzofuran		2.9E-15	2.3E-14	5.4E-07	1.8E-07	2.9E-14
Dimethyl phthalate	6.5E-17			8.1E-09	2.7E-09	
Di-n-butyl phthalate	1.7E-12	6.7E-14	1.6E-13	5.2E-07	1.7E-07	2.3E-17
Di-n-octyl phthalate	1.3E-17	8.7E-14	2.1E-13	1.6E-08	5.2E-09	3.0E-17
Hexachlorobutadiene	6.7E-15			1.1E-06	3.6E-07	
Phenol	1.5E-13			1.7E-05	5.7E-06	
Pyridine	7.7E-15			1.6E-06	5.4E-07	
TRS						
Total Reduced Sulfur				1.7E-05	5.8E-06	
VOCs						
1,1,1,2-Tetrachloroethane	2.7E-18			6.2E-09	2.1E-09	
1,1,1-Trichloroethane	1.8E-19			6.8E-09	2.3E-09	
1,1-Dichloroethene	6.0E-21			6.3E-10	2.1E-10	
1,2,3-Trichlorobenzene	1.9E-16			2.7E-08	9.0E-09	
1,2,3-Trichloropropane	1.1E-18			2.6E-09	8.8E-10	
1,2,4-Trimethylbenzene				2.7E-07	9.0E-08	
1,2-Dibromoethane	3.7E-19			1.7E-09	5.6E-10	
1,2-Dichloroethane	1.2E-17			1.4E-07	4.8E-08	
1,3,5-Trimethylbenzene	6.0E-17			2.4E-07	7.9E-08	
1,3-Dichloropropane				1.6E-09	5.4E-10	
2-Butanone	2.4E-15			1.8E-06	6.0E-07	
2-Chlorotoluene				8.3E-08	2.8E-08	

Table H-56 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Hexanone				3.3E-07	1.1E-07	
Benzene	2.0E-15			4.6E-05	1.5E-05	
Bromobenzene				9.1E-07	3.0E-07	
Bromochloromethane				2.1E-09	7.1E-10	
Bromodichloromethane	3.1E-19			2.3E-09	7.7E-10	
Bromomethane	1.3E-18			1.6E-07	5.2E-08	
Carbon disulfide	1.3E-18			1.3E-07	4.4E-08	
Carbon tetrachloride	1.3E-19			5.3E-09	1.8E-09	
Chlorobenzene	4.7E-17			2.3E-07	7.8E-08	
Chlorodibromomethane	1.8E-17			5.8E-08	1.9E-08	
Chloroethane	3.7E-18			4.3E-07	1.4E-07	
Chloroform	2.8E-18			5.2E-08	1.7E-08	
Chloromethane	9.8E-18			1.3E-06	4.3E-07	
cis-1,2-Dichloroethene	3.8E-18			9.7E-08	3.2E-08	
cis-1,3-Dichloropropene				5.9E-10	2.0E-10	
Dibromomethane	4.2E-19			5.0E-09	1.7E-09	
Dichlorodifluoromethane	4.7E-21			6.0E-09	2.0E-09	
Ethylbenzene	1.5E-15			1.0E-05	3.4E-06	
Isopropylbenzene	2.0E-18			7.4E-07	2.5E-07	
m&p-Xylene	2.4E-16			1.7E-06	5.6E-07	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	2.4E-18			8.7E-09	2.9E-09	
Methylene chloride	2.6E-17			9.0E-07	3.0E-07	

Table H-56 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
n-Butylbenzene				3.2E-07	1.1E-07	
n-Propylbenzene				4.2E-07	1.4E-07	
o-Xylene	2.8E-16			1.0E-06	3.5E-07	
p-Chlorotoluene				2.3E-08	7.6E-09	
p-Isopropyltoluene				1.3E-07	4.2E-08	
sec-Butylbenzene				5.9E-08	2.0E-08	
Styrene	9.4E-15			2.5E-05	8.5E-06	
tert-Butylbenzene				1.1E-06	3.7E-07	
Tetrachloroethene	6.6E-19			5.8E-09	1.9E-09	
Toluene	1.6E-15			1.7E-05	5.6E-06	
trans-1,2-Dichloroethene	5.9E-17			2.1E-06	6.9E-07	
trans-1,3-Dichloropropene				1.0E-09	3.4E-10	
Trichloroethene	6.8E-21			1.8E-10	5.9E-11	
Trichlorofluoromethane	1.0E-20			2.1E-09	7.1E-10	
Vinyl chloride	4.8E-19			1.6E-07	5.5E-08	

Table H-57 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			3.0E-04	3.7E-05	
Aldehydes					
Acetaldehyde			5.2E-04	6.5E-05	
Formaldehyde			2.0E+00	2.7E-05	
Propionaldehyde		5.5E-10	5.7E-05	7.1E-06	4.1E-06
CO					
Carbon monoxide			1.6E-02	2.0E-03	
CO2					
Carbon dioxide			5.0E-04	6.3E-05	
Criteria					
Sulfur Dioxide			1.4E-04	1.7E-05	
DIOXINS					
1,2,3,4,6,7,8-HpCDD			3.0E-10	3.8E-11	
1,2,3,4,6,7,8-HpCDF			3.1E-10	3.8E-11	
1,2,3,4,7,8,9-HpCDF			3.9E-11	4.8E-12	
1,2,3,4,7,8-HxCDD			3.6E-11	4.5E-12	
1,2,3,4,7,8-HxCDF			3.0E-10	3.7E-11	
1,2,3,6,7,8-HxCDD			7.6E-11	9.6E-12	
1,2,3,6,7,8-HxCDF			9.6E-11	1.2E-11	
1,2,3,7,8,9-HxCDD			1.2E-10	1.4E-11	
1,2,3,7,8,9-HxCDF			7.4E-12	9.2E-13	

Table H-57 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD			4.6E-11	5.8E-12	
1,2,3,7,8-PeCDF			6.6E-11	8.2E-12	
2,3,4,6,7,8-HxCDF			1.5E-10	1.9E-11	
2,3,4,7,8-PeCDF			1.5E-10	1.8E-11	
2,3,7,8-TCDD			1.9E-11	2.3E-12	
2,3,7,8-TCDF			6.8E-11	8.5E-12	
OCDD			2.0E-10	2.5E-11	
OCDF			7.5E-11	9.4E-12	
DNT					
2,4-Dinitrotoluene	1.4E-07	1.7E-07			8.3E-09
2,6-Dinitrotoluene	2.3E-07	2.7E-07			1.3E-08
HCN					
Hydrogen cyanide			5.7E-05	7.1E-06	
Metals					
Aluminum		2.8E-03			1.4E-04
Antimony		1.1E-07	3.7E-06	4.7E-07	5.3E-09
Arsenic	2.1E-07	5.0E-07	2.1E-07	2.7E-08	4.1E-08
Barium			4.5E-05	5.6E-06	
Beryllium		4.6E-13	1.5E-08	1.9E-09	2.2E-14
Cadmium		7.8E-12	2.7E-07	3.4E-08	3.8E-13
Chromium			2.3E-06	2.9E-07	
Cobalt		6.9E-06	3.5E-06	4.4E-07	3.4E-07

Table H-57 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Copper			6.3E-06	7.9E-07	
Iron		6.1E-03			3.0E-04
Lead		3.7E-05	2.1E-06	2.7E-07	1.8E-06
Manganese		5.7E-11	1.9E-06	2.4E-07	2.8E-12
Mercury (+2)			8.4E-09	1.1E-09	
Mercury, elemental		5.4E-09	3.5E-11	4.4E-12	1.0E-05
Nickel		1.4E-04	1.2E-06	1.5E-07	7.0E-06
Phosphorus		3.0E-10	9.4E-06	1.2E-06	2.9E-06
Selenium		1.8E-12	6.2E-08	7.8E-09	8.9E-14
Silver		1.3E-13	4.1E-08	5.1E-09	6.3E-15
Thallium (Soluble Salts)		3.8E-08			1.9E-09
Titanium		5.7E-13	2.2E-08	2.7E-09	2.8E-14
Zinc		1.7E-09	4.9E-05	6.1E-06	8.4E-11
NOx					
NOx (Oxides of Nitrogen)			5.6E-04	7.0E-05	
PAHs					
1-Methylnaphthalene	9.7E-11	8.8E-11	1.2E-05	1.5E-06	1.0E-07
1-Methylphenanthrene		1.0E-11	1.4E-06	1.8E-07	5.1E-13
2,3,5-Trimethylnaphthalene		4.9E-12	7.0E-07	8.7E-08	2.4E-13
2,6-Dimethylnaphthalene		1.3E-11	1.8E-06	2.3E-07	6.5E-13
2-Methylnaphthalene	9.4E-11	8.5E-11	1.1E-05	1.4E-06	9.8E-08
Acenaphthylene		4.9E-11	6.7E-06	8.4E-07	2.4E-12

Table H-57 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acenaphthene			1.2E-06	1.5E-07	
Anthracene			2.2E-06	2.7E-07	
Benzo(a)anthracene	5.6E-08	5.0E-08	1.1E-06	1.3E-07	7.6E-07
Benzo(a)pyrene	9.4E-08	8.6E-08	4.2E-07	5.3E-08	4.2E-09
Benzo(b)fluoranthene	2.0E-07	1.8E-07	4.7E-07	5.9E-08	9.0E-09
Benzo(e)pyrene		2.8E-12	3.6E-07	4.5E-08	1.4E-13
Benzo(g,h,i)perylene		2.1E-12	2.7E-07	3.4E-08	1.0E-13
Benzo(k)fluoranthene	1.3E-08	1.2E-08	4.2E-09	5.2E-10	5.8E-10
Biphenyl		2.9E-10	4.0E-05	5.0E-06	1.7E-07
Chrysene	8.1E-08	7.3E-08	1.8E-06	2.3E-07	3.6E-09
Dibenze(a,h)anthracene	3.5E-09	3.2E-09	6.6E-08	8.3E-09	1.6E-10
Fluoranthene	1.8E-13	1.6E-13	2.7E-06	3.3E-07	8.0E-15
Fluorene			6.7E-06	8.4E-07	
Indeno(1,2,3-cd)pyrene	5.0E-08	4.6E-08	2.2E-07	2.7E-08	2.2E-09
Napthalene			5.3E-05	6.6E-06	
Perylene		1.1E-12	1.6E-07	2.1E-08	5.3E-14
Phenanthrene			1.3E-05	1.6E-06	
Pyrene			2.6E-06	3.3E-07	
Particulate					
Particulate Total Suspended Particulate		2.1E-07	8.4E-03	1.0E-03	1.0E-08
PM<10		2.7E-07	1.1E-02	1.4E-03	1.3E-08
PM<2.5		2.3E-07	9.4E-03	1.2E-03	1.1E-08

Table H-57 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
PCBs					
Dichlorobiphenyl			3.3E-08	4.1E-09	
Heptachlorobiphenyl			4.5E-10	5.7E-11	
Hexachlorobiphenyl			1.9E-09	2.4E-10	
Monochlorobiphenyl			2.3E-07	2.9E-08	
Nonachlorobiphenyl			6.4E-11	8.0E-12	
Octachlorobiphenyl			1.4E-10	1.7E-11	
Pentachlorobiphenyl			6.5E-09	8.1E-10	
Tetrachlorobiphenyl			1.1E-08	1.3E-09	
Trichlorobiphenyl			1.4E-08	1.7E-09	
Pesticides					
DDE		1.8E-08			5.8E-07
SVOCs					
1,2,4-trichlorobenzene			9.6E-08	1.2E-08	
1,2-dichlorobenzene			3.9E-08	4.9E-09	
1,3-Butadiene			1.1E-02		
1,3-dichlorobenzene			5.8E-08	7.2E-09	
1,4-dichlorobenzene			5.4E-07	6.8E-08	
1,4-Dioxane			2.6E-02		
2,4-Dimethylphenol			8.5E-06	1.1E-06	
2-Chlorophenol			1.7E-06	2.1E-07	
2-Methylphenol			2.0E-05	2.5E-06	

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ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Nitrophenol			2.7E-06	3.4E-07	
3-Methylphenol & 4-Methylphenol		2.6E-10	3.6E-05	4.5E-06	1.3E-11
4-Nitrophenol			4.5E-06	5.6E-07	
Acetophenone			4.2E-05	5.3E-06	
Benzoic acid			1.9E-04	2.4E-05	
Benzyl alcohol			1.6E-06	2.0E-07	
bis(2-Ethylhexyl) phthalate	4.2E-10	5.0E-10	6.8E-05	8.5E-06	2.5E-11
Butyl benzyl phthalate	6.7E-13	7.9E-13	2.1E-06	2.7E-07	3.9E-14
Carbazole		1.0E-12	6.0E-08	7.5E-09	4.9E-14
Dibenzofuran	6.6E-12	2.6E-11	3.4E-06	4.3E-07	1.1E-08
Dimethyl phthalate			1.2E-07	1.5E-08	
Di-n-butyl phthalate	2.1E-13	2.4E-13	3.3E-06	4.1E-07	1.2E-14
Di-n-octyl phthalate	4.9E-13	5.7E-13	2.3E-07	2.9E-08	2.8E-14
Hexachlorobutadiene			1.6E-05	2.0E-06	
Isopropanol			2.9E-01		
Phenol			1.1E-04	1.3E-05	
Pyridine			1.0E-05	1.3E-06	
TRS					
Total Reduced Sulfur			1.0E-04	1.3E-05	
VOCs					
1,1,1,2-Tetrachloroethane			4.8E-08	6.0E-09	
1,1,1-Trichloroethane			4.7E-08	5.9E-09	

Table H-57 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,1-Dichloroethene			9.3E-09	1.2E-09	
1,2,3-Trichlorobenzene			1.9E-07	2.4E-08	
1,2,3-Trichloropropane			3.9E-08	4.8E-09	
1,2,4-Trimethylbenzene			2.2E-06	2.8E-07	
1,2-Dibromoethane			2.5E-08	3.1E-09	
1,2-Dichloroethane			1.2E-02	3.6E-04	
1,3,5-Trimethylbenzene			2.1E-06	2.6E-07	
1,3-Dichloropropane			2.4E-08	3.0E-09	
2-Butanone			1.2E-05	1.5E-06	
2-Chlorotoluene			5.3E-07	6.6E-08	
2-Hexanone			2.4E-06	3.0E-07	
Benzene			3.0E-02	3.5E-03	
Bromobenzene			1.3E-05	1.7E-06	
Bromochloromethane			3.1E-08	3.9E-09	
Bromodichloromethane			3.4E-08	4.3E-09	
Bromomethane			1.4E-06	1.7E-07	
Carbon disulfide			1.2E-06	1.5E-07	
Carbon tetrachloride			5.3E-02	5.5E-03	
Chlorobenzene			1.7E-06	2.1E-07	
Chlorodibromomethane			8.5E-07	1.1E-07	
Chloroethane			3.3E-06	4.1E-07	
Chloroform			9.0E-03	8.6E-04	

Table H-57 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Chloromethane			1.1E-05	1.4E-06	
cis-1,2-Dichloroethene			1.4E-06	1.8E-07	
cis-1,3-Dichloropropene			8.7E-09	1.1E-09	
Dibromomethane			7.3E-08	9.1E-09	
Dichlorodifluoromethane			8.9E-08	1.1E-08	
Ethylbenzene			3.4E-02	8.7E-06	
Isopropylbenzene			5.6E-06	7.0E-07	
m&p-Xylene			1.3E-05	1.6E-06	
Methyl Isobutyl Ketone (4-methyl-2-penta			1.3E-07	1.6E-08	
Methylene chloride			6.4E-06	8.1E-07	
n-Butylbenzene			2.8E-06	3.5E-07	
n-Propylbenzene			3.3E-06	4.2E-07	
o-Xylene			8.2E-06	1.0E-06	
p-Chlorotoluene			2.0E-07	2.5E-08	
p-Isopropyltoluene			1.4E-06	1.7E-07	
sec-Butylbenzene			5.1E-07	6.4E-08	
Styrene			1.8E-04	2.3E-05	
tert-Butylbenzene			1.6E-05	2.0E-06	
Tetrachloroethene			4.3E-08	5.4E-09	
Toluene			1.1E-04	1.4E-05	
trans-1,2-Dichloroethene			3.0E-05	3.8E-06	
trans-1,3-Dichloropropene			1.5E-08	1.9E-09	

Table H-57 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Trichloroethene			1.6E-03	3.2E-10	
Trichlorofluoromethane			3.1E-08	3.9E-09	
Vinyl chloride			1.8E-06	2.2E-07	

Table H-58 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			8.4E-07	1.0E-07	
Aldehydes					
Acetaldehyde			1.4E-06	1.8E-07	
Formaldehyde			5.7E-03	7.7E-08	
Propionaldehyde		2.2E-15	1.6E-07	2.0E-08	1.7E-14
CO					
Carbon monoxide			4.5E-05	5.6E-06	
CO2					
Carbon dioxide			1.4E-06	1.8E-07	
Criteria					
Sulfur Dioxide			3.8E-07	4.7E-08	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	1.4E-15	5.5E-15	8.5E-13	1.1E-13	2.7E-19
1,2,3,4,6,7,8-HpCDF	1.4E-15	5.5E-15	8.6E-13	1.1E-13	2.7E-19
1,2,3,4,7,8,9-HpCDF	1.6E-16	6.4E-16	1.1E-13	1.4E-14	3.1E-20
1,2,3,4,7,8-HxCDD	1.6E-16	6.2E-16	1.0E-13	1.3E-14	3.1E-20
1,2,3,4,7,8-HxCDF	1.3E-15	4.9E-15	8.3E-13	1.0E-13	2.4E-19
1,2,3,6,7,8-HxCDD	3.2E-16	1.3E-15	2.1E-13	2.7E-14	6.2E-20
1,2,3,6,7,8-HxCDF	4.1E-16	1.6E-15	2.7E-13	3.4E-14	7.9E-20
1,2,3,7,8,9-HxCDD	5.1E-16	2.0E-15	3.2E-13	4.1E-14	9.8E-20
1,2,3,7,8,9-HxCDF	2.9E-17	1.2E-16	2.1E-14	2.6E-15	5.7E-21

Table H-58 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	1.8E-16	7.0E-16	1.3E-13	1.6E-14	3.5E-20
1,2,3,7,8-PeCDF	2.1E-16	8.3E-16	1.8E-13	2.3E-14	4.0E-20
2,3,4,6,7,8-HxCDF	6.4E-16	2.5E-15	4.2E-13	5.2E-14	1.2E-19
2,3,4,7,8-PeCDF	5.0E-16	2.0E-15	4.1E-13	5.2E-14	9.7E-20
2,3,7,8-TCDD	3.6E-17	1.4E-16	5.2E-14	6.5E-15	4.9E-18
2,3,7,8-TCDF	6.6E-17	2.6E-16	1.9E-13	2.4E-14	1.3E-20
OCDD	9.4E-16	3.7E-15	5.6E-13	7.0E-14	1.8E-19
OCDF	3.6E-16	1.4E-15	2.1E-13	2.6E-14	7.0E-20
DNT					
2,4-Dinitrotoluene	4.0E-07	4.7E-07			2.3E-11
2,6-Dinitrotoluene	6.4E-07	7.6E-07			3.7E-11
HCN					
Hydrogen cyanide			1.6E-07	2.0E-08	
Metals					
Aluminum		7.9E-03			3.9E-07
Antimony		3.0E-07	1.0E-08	1.3E-09	1.5E-11
Arsenic	6.0E-07	1.4E-06	5.9E-10	7.4E-11	1.2E-10
Barium		3.1E-09	1.3E-07	1.6E-08	1.5E-13
Beryllium		1.0E-15	4.3E-11	5.4E-12	5.1E-20
Cadmium		8.2E-16	7.6E-10	9.5E-11	4.0E-20
Chromium		8.3E-11	6.5E-09	8.1E-10	4.1E-15
Cobalt		1.9E-05	9.8E-09	1.2E-09	9.5E-10

Table H-58 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Copper		3.4E-10	1.8E-08	2.2E-09	1.6E-14
Iron		1.7E-02			8.3E-07
Lead		1.0E-04	6.0E-09	7.5E-10	5.0E-09
Manganese		8.0E-13	5.5E-09	6.8E-10	3.9E-17
Mercury (+2)		3.4E-14	2.4E-11	2.9E-12	1.7E-18
Mercury, elemental		1.5E-08	9.8E-14	1.2E-14	2.9E-08
Methyl Mercury		2.0E-15			1.0E-19
Nickel		4.0E-04	3.5E-09	4.3E-10	2.0E-08
Phosphorus		7.5E-15	2.6E-08	3.3E-09	7.2E-14
Selenium		4.0E-17	1.7E-10	2.2E-11	2.0E-21
Silver		8.4E-13	1.1E-10	1.4E-11	4.1E-17
Thallium (Soluble Salts)		1.1E-07			5.2E-12
Titanium		8.0E-15	6.1E-11	7.6E-12	3.9E-19
Zinc		1.8E-13	1.4E-07	1.7E-08	9.0E-18
NOx					
NOx (Oxides of Nitrogen)			1.6E-06	2.0E-07	
PAHs					
1-Methylnaphthalene	2.4E-16	2.2E-16	3.3E-08	4.1E-09	2.5E-16
1-Methylphenanthrene		1.5E-13	3.9E-09	4.9E-10	7.1E-18
2,3,5-Trimethylnaphthalene		6.8E-14	1.9E-09	2.4E-10	3.3E-18
2,6-Dimethylnaphthalene		1.9E-13	5.1E-09	6.4E-10	9.1E-18
2-Methylnaphthalene	2.3E-16	2.1E-16	3.2E-08	4.0E-09	2.4E-16

Table H-58 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acenaphthylene		6.0E-13	1.9E-08	2.4E-09	2.9E-17
Acenaphthene			3.5E-09	4.3E-10	
Anthracene			6.1E-09	7.6E-10	
Benzo(a)anthracene	1.6E-07	1.4E-07	3.0E-09	3.7E-10	2.1E-09
Benzo(a)pyrene	2.6E-07	2.4E-07	1.2E-09	1.5E-10	1.2E-11
Benzo(b)fluoranthene	5.7E-07	5.1E-07	1.3E-09	1.6E-10	2.5E-11
Benzo(e)pyrene		3.4E-14	1.0E-09	1.3E-10	1.7E-18
Benzo(g,h,i)perylene		2.5E-14	7.7E-10	9.6E-11	1.2E-18
Benzo(k)fluoranthene	3.6E-08	3.3E-08	1.2E-11	1.5E-12	1.6E-12
Biphenyl		3.3E-15	1.1E-07	1.4E-08	2.0E-15
Chrysene	2.3E-07	2.1E-07	5.1E-09	6.4E-10	1.0E-11
Dibenze(a,h)anthracene	9.9E-09	9.0E-09	1.9E-10	2.3E-11	4.4E-13
Fluoranthene	6.7E-14	6.1E-14	7.5E-09	9.4E-10	3.0E-18
Fluorene			1.9E-08	2.3E-09	
Indeno(1,2,3-cd)pyrene	1.4E-07	1.3E-07	6.2E-10	7.7E-11	6.3E-12
Napthalene			1.5E-07	1.9E-08	
Perylene		1.3E-14	4.6E-10	5.8E-11	6.5E-19
Phenanthrene			3.5E-08	4.4E-09	
Pyrene	2.5E-13	2.3E-13	7.3E-09	9.1E-10	6.4E-15
Particulate					
Particulate Total Suspended Particulate		3.0E-09	2.3E-05	2.9E-06	1.5E-13
PM<10		3.8E-09	3.1E-05	3.9E-06	1.9E-13

Table H-58 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
PM<2.5		3.2E-09	2.6E-05	3.3E-06	1.6E-13
PCBs					
Dichlorobiphenyl	6.5E-16	5.5E-16	9.3E-11	1.2E-11	5.1E-17
Heptachlorobiphenyl	7.5E-17	6.3E-17	1.3E-12	1.6E-13	3.2E-18
Hexachlorobiphenyl	3.4E-16	2.9E-16	5.3E-12	6.7E-13	1.5E-17
Monochlorobiphenyl	4.5E-15	3.8E-15	6.5E-10	8.1E-11	3.5E-16
Nonachlorobiphenyl	1.3E-17	1.1E-17	1.8E-13	2.2E-14	5.7E-19
Octachlorobiphenyl	2.4E-17	2.0E-17	3.9E-13	4.9E-14	1.0E-18
Pentachlorobiphenyl	1.2E-15	1.0E-15	1.8E-11	2.3E-12	5.2E-17
Tetrachlorobiphenyl	2.5E-16	2.1E-16	3.0E-11	3.8E-12	2.0E-17
Trichlorobiphenyl	3.0E-16	2.5E-16	3.8E-11	4.8E-12	2.3E-17
Pesticides					
DDE		5.1E-08			1.6E-09
SVOCs					
1,2,4-trichlorobenzene			2.7E-10	3.4E-11	
1,2-dichlorobenzene			1.1E-10	1.4E-11	
1,3-Butadiene			3.2E-05		
1,3-dichlorobenzene			1.6E-10	2.0E-11	
1,4-dichlorobenzene			1.5E-09	1.9E-10	
1,4-Dioxane			7.3E-05		
2,4-Dimethylphenol			2.4E-08	3.0E-09	
2-Chlorophenol			4.7E-09	5.9E-10	

Table H-58 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Methylphenol			5.6E-08	7.0E-09	
2-Nitrophenol			7.6E-09	9.4E-10	
3-Methylphenol & 4-Methylphenol		3.7E-12	1.0E-07	1.3E-08	1.8E-16
4-Nitrophenol			1.3E-08	1.6E-09	
Acetophenone			1.2E-07	1.5E-08	
Benzoic acid			5.4E-07	6.7E-08	
Benzyl alcohol			4.5E-09	5.6E-10	
bis(2-Ethylhexyl) phthalate	6.7E-12	8.0E-12	1.9E-07	2.4E-08	3.9E-16
Butyl benzyl phthalate	3.3E-15	3.8E-15	6.0E-09	7.5E-10	1.9E-19
Carbazole		1.4E-14	1.7E-10	2.1E-11	6.9E-19
Dibenzofuran	1.4E-16	5.7E-16	9.5E-09	1.2E-09	2.4E-16
Dimethyl phthalate			3.3E-10	4.2E-11	
Di-n-butyl phthalate	3.3E-15	3.9E-15	9.2E-09	1.1E-09	1.9E-19
Di-n-octyl phthalate	9.4E-15	1.1E-14	6.4E-10	8.0E-11	5.5E-19
Hexachlorobutadiene			4.4E-08	5.5E-09	
Isopropanol			8.2E-04		
Phenol			3.0E-07	3.8E-08	
Pyridine			2.9E-08	3.6E-09	
TRS					
Total Reduced Sulfur			2.9E-07	3.6E-08	
VOCs					
1,1,1,2-Tetrachloroethane			1.3E-10	1.7E-11	

Table H-58 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,1,1-Trichloroethane			1.3E-10	1.7E-11	
1,1-Dichloroethene			2.6E-11	3.2E-12	
1,2,3-Trichlorobenzene			5.3E-10	6.7E-11	
1,2,3-Trichloropropane			1.1E-10	1.4E-11	
1,2,4-Trimethylbenzene			6.2E-09	7.8E-10	
1,2-Dibromoethane			6.9E-11	8.6E-12	
1,2-Dichloroethane			3.4E-05	1.0E-06	
1,3,5-Trimethylbenzene			5.9E-09	7.3E-10	
1,3-Dichloropropane			6.7E-11	8.4E-12	
2-Butanone			3.3E-08	4.1E-09	
2-Chlorotoluene			1.5E-09	1.8E-10	
2-Hexanone			6.8E-09	8.4E-10	
Benzene			8.4E-05	9.7E-06	
Bromobenzene			3.7E-08	4.7E-09	
Bromochloromethane			8.8E-11	1.1E-11	
Bromodichloromethane			9.5E-11	1.2E-11	
Bromomethane			3.8E-09	4.8E-10	
Carbon disulfide			3.3E-09	4.2E-10	
Carbon tetrachloride			1.5E-04	1.5E-05	
Chlorobenzene			4.8E-09	6.0E-10	
Chlorodibromomethane			2.4E-09	3.0E-10	
Chloroethane			9.1E-09	1.1E-09	

Table H-58 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Chloroform			2.5E-05	2.4E-06	
Chloromethane			3.1E-08	3.9E-09	
cis-1,2-Dichloroethene			4.0E-09	5.0E-10	
cis-1,3-Dichloropropene			2.4E-11	3.0E-12	
Dibromomethane			2.0E-10	2.5E-11	
Dichlorodifluoromethane			2.5E-10	3.1E-11	
Ethylbenzene			9.6E-05	2.4E-08	
Isopropylbenzene			1.6E-08	2.0E-09	
m&p-Xylene			3.6E-08	4.6E-09	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.6E-10	4.5E-11	
Methylene chloride			1.8E-08	2.3E-09	
n-Butylbenzene			7.8E-09	9.7E-10	
n-Propylbenzene			9.4E-09	1.2E-09	
o-Xylene			2.3E-08	2.9E-09	
p-Chlorotoluene			5.5E-10	6.9E-11	
p-Isopropyltoluene			3.8E-09	4.8E-10	
sec-Butylbenzene			1.4E-09	1.8E-10	
Styrene			5.1E-07	6.4E-08	
tert-Butylbenzene			4.6E-08	5.7E-09	
Tetrachloroethene			1.2E-10	1.5E-11	
Toluene			3.2E-07	3.9E-08	
trans-1,2-Dichloroethene			8.4E-08	1.1E-08	

Table H-58 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
trans-1,3-Dichloropropene			4.2E-11	5.3E-12	
Trichloroethene			4.6E-06	9.1E-13	
Trichlorofluoromethane			8.7E-11	1.1E-11	
Vinyl chloride			5.0E-09	6.2E-10	

Table H-59 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.0E-04	1.1E-02	3.7E-05	3.5E-03		
Aldehydes											
Acetaldehyde	3.3E-14					5.2E-04	1.9E-02	6.5E-05	6.2E-03		
Formaldehyde	1.6E-13					2.0E+00	7.3E-03	2.7E-05	2.4E-03		
Propionaldehyde				5.5E-10	1.7E-08	5.7E-05	2.1E-03	7.1E-06	6.9E-04	4.1E-06	2.9E-04
CO											
Carbon monoxide						1.6E-02	6.0E-01	2.0E-03	2.0E-01		
CO2											
Carbon dioxide						5.0E-04	1.8E-02	6.3E-05	6.0E-03		
Criteria											
Sulfur Dioxide						1.4E-04	4.4E-03	1.7E-05	1.5E-03		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.5E-19					3.0E-10	1.2E-08	3.8E-11	4.0E-09		
1,2,3,4,6,7,8-HpCDF	1.5E-19					3.1E-10	1.2E-08	3.8E-11	4.0E-09		
1,2,3,4,7,8,9-HpCDF	3.2E-20					3.9E-11	1.6E-09	4.8E-12	5.3E-10		
1,2,3,4,7,8-HxCDD	2.3E-19					3.6E-11	1.5E-09	4.5E-12	4.9E-10		
1,2,3,4,7,8-HxCDF	1.6E-18					3.0E-10	1.2E-08	3.7E-11	4.0E-09		
1,2,3,6,7,8-HxCDD	4.8E-19					7.6E-11	3.1E-09	9.6E-12	1.0E-09		
1,2,3,6,7,8-HxCDF	6.0E-19					9.6E-11	3.9E-09	1.2E-11	1.3E-09		
1,2,3,7,8,9-HxCDD	5.7E-19					1.2E-10	4.7E-09	1.4E-11	1.6E-09		
1,2,3,7,8,9-HxCDF	5.9E-20					7.4E-12	3.0E-10	9.2E-13	1.0E-10		
1,2,3,7,8-PeCDD	2.2E-18					4.6E-11	1.9E-09	5.8E-12	6.3E-10		
1,2,3,7,8-PeCDF	3.1E-18					6.6E-11	2.7E-09	8.2E-12	9.0E-10		

Table H-59 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	9.0E-19					1.5E-10	5.9E-09	1.9E-11	2.0E-09		
2,3,4,7,8-PeCDF	4.6E-18					1.5E-10	6.0E-09	1.8E-11	2.0E-09		
2,3,7,8-TCDD	8.0E-19					1.9E-11	6.2E-10	2.3E-12	2.1E-10		
2,3,7,8-TCDF	2.8E-18					6.8E-11	2.8E-09	8.5E-12	9.3E-10		
OCDD	1.9E-21					2.0E-10	7.9E-09	2.5E-11	2.6E-09		
OCDF	7.1E-22					7.5E-11	2.9E-09	9.4E-12	9.8E-10		
DNT											
2,4-Dinitrotoluene		1.4E-07		1.7E-07						8.3E-09	
2,6-Dinitrotoluene		2.3E-07		2.7E-07						1.3E-08	
HCN											
Hydrogen cyanide						5.7E-05	2.2E-03	7.1E-06	7.3E-04		
Metals											
Aluminum				2.8E-03						1.4E-04	
Antimony	5.6E-18			1.1E-07		3.7E-06	9.2E-05	4.7E-07	3.1E-05	5.3E-09	
Arsenic	7.3E-16	2.1E-07	3.0E-11	5.0E-07	1.4E-10	2.1E-07	7.5E-06	2.7E-08	2.5E-06	4.1E-08	2.5E-11
Barium	4.3E-13					4.5E-05	1.2E-03	5.6E-06	4.0E-04		
Beryllium	2.4E-17			4.6E-13	1.7E-11	1.5E-08	5.2E-07	1.9E-09	1.7E-07	2.2E-14	1.9E-12
Cadmium	6.6E-15			7.8E-12	3.0E-10	2.7E-07	9.4E-06	3.4E-08	3.1E-06	3.8E-13	3.2E-11
Chromium	5.2E-16					2.3E-06	8.3E-05	2.9E-07	2.8E-05		
Cobalt				6.9E-06		3.5E-06	6.4E-05	4.4E-07	2.1E-05	3.4E-07	
Copper						6.3E-06	2.2E-04	7.9E-07	7.2E-05		
Iron				6.1E-03						3.0E-04	
Lead	5.1E-18			3.7E-05	2.5E-09	2.1E-06	7.0E-05	2.7E-07	2.3E-05	1.8E-06	2.6E-10
Manganese				5.7E-11	2.2E-09	1.9E-06	6.7E-05	2.4E-07	2.2E-05	2.8E-12	2.4E-10

Table H-59 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)						8.4E-09	3.0E-07	1.1E-09	9.9E-08		
Mercury, elemental				5.4E-09		3.5E-11	1.2E-09	4.4E-12	4.1E-10	1.0E-05	
Methyl Mercury	1.5E-15										
Nickel	2.7E-15			1.4E-04	1.4E-09	1.2E-06	4.3E-05	1.5E-07	1.4E-05	7.0E-06	1.5E-10
Phosphorus				3.0E-10	1.1E-08	9.4E-06	3.1E-04	1.2E-06	1.0E-04	2.9E-06	2.3E-04
Selenium	4.6E-16			1.8E-12	7.0E-11	6.2E-08	2.2E-06	7.8E-09	7.3E-07	8.9E-14	7.5E-12
Silver	5.8E-17			1.3E-13	4.8E-12	4.1E-08	1.3E-06	5.1E-09	4.5E-07	6.3E-15	5.1E-13
Thallium (Soluble Salts)				3.8E-08						1.9E-09	
Titanium				5.7E-13	2.3E-11	2.2E-08	8.1E-07	2.7E-09	2.7E-07	2.8E-14	2.5E-12
Zinc	3.3E-12			1.7E-09	6.0E-08	4.9E-05	1.4E-03	6.1E-06	4.7E-04	8.4E-11	6.5E-09
NOx											
NOx (Oxides of Nitrogen)						5.6E-04	1.9E-02	7.0E-05	6.2E-03		
PAHs											
1-Methylnaphthalene		9.7E-11	2.0E-09	8.8E-11	3.6E-09	1.2E-05	4.9E-04	1.5E-06	1.6E-04	1.0E-07	9.0E-06
1-Methylphenanthrene				1.0E-11	4.3E-10	1.4E-06	5.9E-05	1.8E-07	2.0E-05	5.1E-13	4.6E-11
2,3,5-Trimethylnaphthalene				4.9E-12	2.1E-10	7.0E-07	3.0E-05	8.7E-08	1.0E-05	2.4E-13	2.3E-11
2,6-Dimethylnaphthalene				1.3E-11	5.6E-10	1.8E-06	7.8E-05	2.3E-07	2.6E-05	6.5E-13	6.1E-11
2-Methylnaphthalene		9.4E-11	1.9E-09	8.5E-11	3.5E-09	1.1E-05	4.8E-04	1.4E-06	1.6E-04	9.8E-08	8.8E-06
Acenaphthylene				4.9E-11	2.1E-09	6.7E-06	2.9E-04	8.4E-07	9.5E-05	2.4E-12	2.2E-10
Acenaphthene	1.2E-15					1.2E-06	5.2E-05	1.5E-07	1.7E-05		
Anthracene	1.5E-14					2.2E-06	9.2E-05	2.7E-07	3.1E-05		
Benzo(a)anthracene	2.3E-12	5.6E-08	5.2E-11	5.0E-08	9.5E-11	1.1E-06	4.6E-05	1.3E-07	1.5E-05	7.6E-07	3.2E-09
Benzo(a)pyrene	1.2E-12	9.4E-08	3.7E-11	8.6E-08	6.7E-11	4.2E-07	1.8E-05	5.3E-08	5.9E-06	4.2E-09	7.3E-12
Benzo(b)fluoranthene	3.0E-13	2.0E-07	1.5E-12	1.8E-07	2.8E-12	4.7E-07	1.9E-05	5.9E-08	6.3E-06	9.0E-09	3.0E-13

Table H-59 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				2.8E-12	1.1E-10	3.6E-07	1.5E-05	4.5E-08	4.9E-06	1.4E-13	1.2E-11
Benzo(g,h,i)perylene				2.1E-12	8.4E-11	2.7E-07	1.1E-05	3.4E-08	3.8E-06	1.0E-13	9.0E-12
Benzo(k)fluoranthene	1.4E-15	1.3E-08		1.2E-08		4.2E-09	7.4E-08	5.2E-10	2.5E-08	5.8E-10	
Biphenyl				2.9E-10	1.2E-08	4.0E-05	1.7E-03	5.0E-06	5.6E-04	1.7E-07	1.6E-05
Chrysene	3.6E-13	8.1E-08	4.3E-12	7.3E-08	7.9E-12	1.8E-06	7.6E-05	2.3E-07	2.5E-05	3.6E-09	8.5E-13
Dibenzo(a,h)anthracene	5.4E-14	3.5E-09	1.9E-12	3.2E-09	3.5E-12	6.6E-08	2.7E-06	8.3E-09	9.1E-07	1.6E-10	3.8E-13
Fluoranthene	1.0E-13	1.8E-13	3.7E-12	1.6E-13	6.7E-12	2.7E-06	1.1E-04	3.3E-07	3.7E-05	8.0E-15	7.2E-13
Fluorene	2.2E-14					6.7E-06	2.8E-04	8.4E-07	9.4E-05		
Indeno(1,2,3-cd)pyrene	2.4E-13	5.0E-08	1.9E-11	4.6E-08	3.4E-11	2.2E-07	9.1E-06	2.7E-08	3.0E-06	2.2E-09	3.7E-12
Napthalene	1.0E-14					5.3E-05	2.2E-03	6.6E-06	7.4E-04		
Perylene				1.1E-12	5.0E-11	1.6E-07	7.3E-06	2.1E-08	2.4E-06	5.3E-14	5.4E-12
Phenanthrene	1.0E-13					1.3E-05	5.2E-04	1.6E-06	1.7E-04		
Pyrene	7.2E-14					2.6E-06	1.1E-04	3.3E-07	3.6E-05		
Particulate											
Particulate Total Suspended Particulate				2.1E-07	8.7E-06	8.4E-03	3.2E-01	1.0E-03	1.1E-01	1.0E-08	9.4E-07
PM<10				2.7E-07	1.1E-05	1.1E-02	4.3E-01	1.4E-03	1.4E-01	1.3E-08	1.2E-06
PM<2.5				2.3E-07	9.6E-06	9.4E-03	3.7E-01	1.2E-03	1.2E-01	1.1E-08	1.0E-06
PCBs											
Dichlorobiphenyl	2.2E-15					3.3E-08	1.4E-06	4.1E-09	4.5E-07		
Heptachlorobiphenyl	8.1E-17					4.5E-10	1.8E-08	5.7E-11	6.1E-09		
Hexachlorobiphenyl	3.3E-16					1.9E-09	7.4E-08	2.4E-10	2.5E-08		
Monochlorobiphenyl	1.5E-14					2.3E-07	9.5E-06	2.9E-08	3.2E-06		
Nonachlorobiphenyl	1.0E-17					6.4E-11	2.3E-09	8.0E-12	7.6E-10		
Octachlorobiphenyl	2.4E-17					1.4E-10	5.4E-09	1.7E-11	1.8E-09		

Table H-59 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	1.1E-15					6.5E-09	2.5E-07	8.1E-10	8.2E-08		
Tetrachlorobiphenyl	6.5E-16					1.1E-08	4.0E-07	1.3E-09	1.3E-07		
Trichlorobiphenyl	8.4E-16					1.4E-08	5.3E-07	1.7E-09	1.8E-07		
Pesticides											
DDE				1.8E-08						5.8E-07	
SVOCs											
1,2,4-trichlorobenzene						9.6E-08	3.1E-06	1.2E-08	1.0E-06		
1,2-dichlorobenzene	9.8E-19					3.9E-08	6.9E-07	4.9E-09	2.3E-07		
1,3-Butadiene						1.1E-02					
1,3-dichlorobenzene	2.5E-18					5.8E-08	2.0E-06	7.2E-09	6.6E-07		
1,4-dichlorobenzene	3.3E-17					5.4E-07	2.4E-05	6.8E-08	8.1E-06		
1,4-Dioxane						2.6E-02					
2,4-Dimethylphenol	9.0E-16					8.5E-06	3.4E-04	1.1E-06	1.1E-04		
2-Chlorophenol	4.6E-17					1.7E-06	7.4E-05	2.1E-07	2.5E-05		
2-Methylphenol	1.9E-14					2.0E-05	8.4E-04	2.5E-06	2.8E-04		
2-Nitrophenol	1.1E-16					2.7E-06	1.1E-04	3.4E-07	3.7E-05		
3-Methylphenol & 4-Methylphenol				2.6E-10	1.1E-08	3.6E-05	1.5E-03	4.5E-06	5.0E-04	1.3E-11	1.2E-09
4-Nitrophenol	2.3E-16					4.5E-06	1.7E-04	5.6E-07	5.8E-05		
Acetophenone	1.4E-15					4.2E-05	1.7E-03	5.3E-06	5.8E-04		
Benzoic acid	5.7E-15					1.9E-04	8.0E-03	2.4E-05	2.7E-03		
Benzyl alcohol	3.5E-18					1.6E-06	4.9E-05	2.0E-07	1.6E-05		
bis(2-Ethylhexyl) phthalate	2.5E-13	4.2E-10	7.6E-09	5.0E-10	1.8E-08	6.8E-05	2.6E-03	8.5E-06	8.8E-04	2.5E-11	1.9E-09
Butyl benzyl phthalate	6.5E-14	6.7E-13	1.4E-11	7.9E-13	3.3E-11	2.1E-06	8.9E-05	2.7E-07	3.0E-05	3.9E-14	3.5E-12
Carbazole				1.0E-12	1.9E-11	6.0E-08	1.1E-06	7.5E-09	3.6E-07	4.9E-14	2.0E-12

Table H-59 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Dibenzofuran		6.6E-12	1.3E-10	2.6E-11	1.0E-09	3.4E-06	1.4E-04	4.3E-07	4.7E-05	1.1E-08	9.8E-07
Dimethyl phthalate	2.3E-17					1.2E-07	2.1E-06	1.5E-08	7.1E-07		
Di-n-butyl phthalate	6.0E-13	2.1E-13	4.2E-12	2.4E-13	1.0E-11	3.3E-06	1.4E-04	4.1E-07	4.5E-05	1.2E-14	1.1E-12
Di-n-octyl phthalate	6.6E-18	4.9E-13	4.5E-12	5.7E-13	1.1E-11	2.3E-07	4.1E-06	2.9E-08	1.4E-06	2.8E-14	1.1E-12
Hexachlorobutadiene	2.4E-15					1.6E-05	2.8E-04	2.0E-06	9.4E-05		
Isopropanol						2.9E-01					
Phenol	5.3E-14					1.1E-04	4.5E-03	1.3E-05	1.5E-03		
Pyridine	2.7E-15					1.0E-05	4.2E-04	1.3E-06	1.4E-04		
TRS											
Total Reduced Sulfur						1.0E-04	4.5E-03	1.3E-05	1.5E-03		
VOCs											
1,1,1,2-Tetrachloroethane	9.6E-19					4.8E-08	1.6E-06	6.0E-09	5.4E-07		
1,1,1-Trichloroethane	6.3E-20					4.7E-08	1.8E-06	5.9E-09	5.9E-07		
1,1-Dichloroethene	2.1E-21					9.3E-09	1.7E-07	1.2E-09	5.5E-08		
1,2,3-Trichlorobenzene	6.7E-17					1.9E-07	7.1E-06	2.4E-08	2.4E-06		
1,2,3-Trichloropropane	3.9E-19					3.9E-08	6.9E-07	4.8E-09	2.3E-07		
1,2,4-Trimethylbenzene						2.2E-06	7.1E-05	2.8E-07	2.4E-05		
1,2-Dibromoethane	1.3E-19					2.5E-08	4.4E-07	3.1E-09	1.5E-07		
1,2-Dichloroethane	4.2E-18					1.2E-02	3.7E-05	3.6E-04	1.2E-05		
1,3,5-Trimethylbenzene	2.2E-17					2.1E-06	6.2E-05	2.6E-07	2.1E-05		
1,3-Dichloropropane						2.4E-08	4.3E-07	3.0E-09	1.4E-07		
2-Butanone	8.7E-16					1.2E-05	4.7E-04	1.5E-06	1.6E-04		
2-Chlorotoluene						5.3E-07	2.2E-05	6.6E-08	7.2E-06		
2-Hexanone						2.4E-06	8.8E-05	3.0E-07	2.9E-05		

Table H-59 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Benzene	7.0E-16					3.0E-02	1.2E-02	3.5E-03	4.1E-03		
Bromobenzene						1.3E-05	2.4E-04	1.7E-06	7.9E-05		
Bromochloromethane						3.1E-08	5.6E-07	3.9E-09	1.9E-07		
Bromodichloromethane	1.1E-19					3.4E-08	6.1E-07	4.3E-09	2.0E-07		
Bromomethane	4.8E-19					1.4E-06	4.1E-05	1.7E-07	1.4E-05		
Carbon disulfide	4.5E-19					1.2E-06	3.5E-05	1.5E-07	1.2E-05		
Carbon tetrachloride	4.8E-20					5.3E-02	1.4E-06	5.5E-03	4.6E-07		
Chlorobenzene	1.7E-17					1.7E-06	6.1E-05	2.1E-07	2.0E-05		
Chlorodibromomethane	6.5E-18					8.5E-07	1.5E-05	1.1E-07	5.0E-06		
Chloroethane	1.3E-18					3.3E-06	1.1E-04	4.1E-07	3.8E-05		
Chloroform	1.0E-18					9.0E-03	1.4E-05	8.6E-04	4.5E-06		
Chloromethane	3.5E-18					1.1E-05	3.3E-04	1.4E-06	1.1E-04		
cis-1,2-Dichloroethene	1.4E-18					1.4E-06	2.5E-05	1.8E-07	8.4E-06		
cis-1,3-Dichloropropene						8.7E-09	1.6E-07	1.1E-09	5.2E-08		
Dibromomethane	1.5E-19					7.3E-08	1.3E-06	9.1E-09	4.3E-07		
Dichlorodifluoromethane	1.7E-21					8.9E-08	1.6E-06	1.1E-08	5.3E-07		
Ethylbenzene	5.3E-16					3.4E-02	2.6E-03	8.7E-06	8.8E-04		
Isopropylbenzene	7.0E-19					5.6E-06	1.9E-04	7.0E-07	6.4E-05		
m&p-Xylene	8.4E-17					1.3E-05	4.4E-04	1.6E-06	1.5E-04		
Methyl Isobutyl Ketone (4-methyl-2-per	8.6E-19					1.3E-07	2.3E-06	1.6E-08	7.6E-07		
Methylene chloride	9.3E-18					6.4E-06	2.4E-04	8.1E-07	7.9E-05		
n-Butylbenzene						2.8E-06	8.3E-05	3.5E-07	2.8E-05		
n-Propylbenzene						3.3E-06	1.1E-04	4.2E-07	3.7E-05		
o-Xylene	9.9E-17					8.2E-06	2.7E-04	1.0E-06	9.1E-05		

Table H-59 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
p-Chlorotoluene						2.0E-07	6.0E-06	2.5E-08	2.0E-06		
p-Isopropyltoluene						1.4E-06	3.3E-05	1.7E-07	1.1E-05		
sec-Butylbenzene						5.1E-07	1.5E-05	6.4E-08	5.1E-06		
Styrene	3.3E-15					1.8E-04	6.7E-03	2.3E-05	2.2E-03		
tert-Butylbenzene						1.6E-05	2.9E-04	2.0E-06	9.7E-05		
Tetrachloroethene	2.4E-19					4.3E-08	1.5E-06	5.4E-09	5.0E-07		
Toluene	5.6E-16					1.1E-04	4.4E-03	1.4E-05	1.5E-03		
trans-1,2-Dichloroethene	2.1E-17					3.0E-05	5.4E-04	3.8E-06	1.8E-04		
trans-1,3-Dichloropropene						1.5E-08	2.7E-07	1.9E-09	9.0E-08		
Trichloroethene	2.4E-21					1.6E-03	4.6E-08	3.2E-10	1.5E-08		
Trichlorofluoromethane	3.7E-21					3.1E-08	5.6E-07	3.9E-09	1.9E-07		
Vinyl chloride	1.7E-19					1.8E-06	4.3E-05	2.2E-07	1.4E-05		

Table H-60 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	3.0E-05	1.0E-07	9.9E-06		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	5.2E-05	1.8E-07	1.7E-05		
Formaldehyde	4.5E-13					5.7E-03	2.0E-05	7.7E-08	6.8E-06		
Propionaldehyde				2.2E-15	7.2E-14	1.6E-07	5.8E-06	2.0E-08	1.9E-06	1.7E-14	1.2E-12
CO											
Carbon monoxide						4.5E-05	1.7E-03	5.6E-06	5.6E-04		
CO2											
Carbon dioxide						1.4E-06	5.0E-05	1.8E-07	1.7E-05		
Criteria											
Sulfur Dioxide						3.8E-07	1.2E-05	4.7E-08	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	2.6E-14	5.5E-15	2.1E-13	8.5E-13	3.4E-11	1.1E-13	1.1E-11	2.7E-19	2.2E-17
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.6E-14	5.5E-15	2.1E-13	8.6E-13	3.4E-11	1.1E-13	1.1E-11	2.7E-19	2.2E-17
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	3.1E-15	6.4E-16	2.5E-14	1.1E-13	4.4E-12	1.4E-14	1.5E-12	3.1E-20	2.7E-18
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	3.0E-15	6.2E-16	2.4E-14	1.0E-13	4.1E-12	1.3E-14	1.4E-12	3.1E-20	2.6E-18
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	2.4E-14	4.9E-15	1.9E-13	8.3E-13	3.3E-11	1.0E-13	1.1E-11	2.4E-19	2.1E-17
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	6.2E-15	1.3E-15	4.9E-14	2.1E-13	8.7E-12	2.7E-14	2.9E-12	6.2E-20	5.3E-18
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	8.0E-15	1.6E-15	6.3E-14	2.7E-13	1.1E-11	3.4E-14	3.6E-12	7.9E-20	6.8E-18
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	9.8E-15	2.0E-15	7.7E-14	3.2E-13	1.3E-11	4.1E-14	4.4E-12	9.8E-20	8.3E-18
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	5.8E-16	1.2E-16	4.5E-15	2.1E-14	8.4E-13	2.6E-15	2.8E-13	5.7E-21	4.9E-19
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	3.5E-15	7.0E-16	2.8E-14	1.3E-13	5.3E-12	1.6E-14	1.8E-12	3.5E-20	3.0E-18
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	4.1E-15	8.3E-16	3.3E-14	1.8E-13	7.5E-12	2.3E-14	2.5E-12	4.0E-20	3.5E-18

Table H-60 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	1.2E-14	2.5E-15	9.5E-14	4.2E-13	1.7E-11	5.2E-14	5.6E-12	1.2E-19	1.0E-17
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	9.9E-15	2.0E-15	7.8E-14	4.1E-13	1.7E-11	5.2E-14	5.6E-12	9.7E-20	8.4E-18
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.2E-16	1.4E-16	4.1E-15	5.2E-14	1.7E-12	6.5E-15	5.8E-13	4.9E-18	3.1E-16
2,3,7,8-TCDF	8.0E-18	6.6E-17	1.3E-15	2.6E-16	1.0E-14	1.9E-13	7.8E-12	2.4E-14	2.6E-12	1.3E-20	1.1E-18
OCDD	1.8E-20	9.4E-16	1.7E-14	3.7E-15	1.4E-13	5.6E-13	2.2E-11	7.0E-14	7.4E-12	1.8E-19	1.5E-17
OCDF	6.7E-21	3.6E-16	6.5E-15	1.4E-15	5.1E-14	2.1E-13	8.2E-12	2.6E-14	2.7E-12	7.0E-20	5.5E-18
DNT											
2,4-Dinitrotoluene		4.0E-07		4.7E-07						2.3E-11	
2,6-Dinitrotoluene		6.4E-07		7.6E-07						3.7E-11	
HCN											
Hydrogen cyanide						1.6E-07	6.2E-06	2.0E-08	2.1E-06		
Metals											
Aluminum				7.9E-03						3.9E-07	
Antimony	1.6E-17			3.0E-07		1.0E-08	2.6E-07	1.3E-09	8.6E-08	1.5E-11	
Arsenic	8.1E-16	6.0E-07	4.8E-17	1.4E-06	2.3E-16	5.9E-10	2.1E-08	7.4E-11	7.0E-09	1.2E-10	4.1E-20
Barium	2.3E-12			3.1E-09	1.1E-07	1.3E-07	3.4E-06	1.6E-08	1.1E-06	1.5E-13	1.2E-11
Beryllium	3.3E-17			1.0E-15	3.9E-14	4.3E-11	1.5E-09	5.4E-12	4.8E-10	5.1E-20	4.3E-18
Cadmium	8.3E-15			8.2E-16	3.1E-14	7.6E-10	2.6E-08	9.5E-11	8.8E-09	4.0E-20	3.4E-18
Chromium	2.6E-15			8.3E-11	3.2E-09	6.5E-09	2.3E-07	8.1E-10	7.7E-08	4.1E-15	3.5E-13
Cobalt				1.9E-05	1.0E-08	9.8E-09	1.8E-07	1.2E-09	6.0E-08	9.5E-10	1.1E-12
Copper				3.4E-10	1.3E-08	1.8E-08	6.1E-07	2.2E-09	2.0E-07	1.6E-14	1.4E-12
Iron				1.7E-02						8.3E-07	
Lead	6.9E-18			1.0E-04	3.8E-12	6.0E-09	2.0E-07	7.5E-10	6.5E-08	5.0E-09	4.1E-16
Manganese				8.0E-13	3.1E-11	5.5E-09	1.9E-07	6.8E-10	6.3E-08	3.9E-17	3.3E-15

Table H-60 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				3.4E-14	1.1E-12	2.4E-11	8.3E-10	2.9E-12	2.8E-10	1.7E-18	1.1E-16
Mercury, elemental				1.5E-08		9.8E-14	3.5E-12	1.2E-14	1.2E-12	2.9E-08	
Methyl Mercury	8.7E-15			2.0E-15	7.9E-14					1.0E-19	8.5E-18
Nickel	3.3E-15			4.0E-04	1.6E-13	3.5E-09	1.2E-07	4.3E-10	4.0E-08	2.0E-08	1.7E-17
Phosphorus				7.5E-15	2.8E-13	2.6E-08	8.6E-07	3.3E-09	2.9E-07	7.2E-14	5.9E-12
Selenium	2.8E-16			4.0E-17	1.6E-15	1.7E-10	6.1E-09	2.2E-11	2.0E-09	2.0E-21	1.7E-19
Silver	2.1E-16			8.4E-13	3.1E-11	1.1E-10	3.7E-09	1.4E-11	1.2E-09	4.1E-17	3.4E-15
Thallium (Soluble Salts)				1.1E-07						5.2E-12	
Titanium				8.0E-15	3.2E-13	6.1E-11	2.3E-09	7.6E-12	7.6E-10	3.9E-19	3.5E-17
Zinc	4.1E-12			1.8E-13	6.5E-12	1.4E-07	3.9E-06	1.7E-08	1.3E-06	9.0E-18	7.0E-16
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	5.2E-05	2.0E-07	1.7E-05		
PAHs											
1-Methylnaphthalene		2.4E-16	4.9E-15	2.2E-16	8.9E-15	3.3E-08	1.4E-06	4.1E-09	4.6E-07	2.5E-16	2.2E-14
1-Methylphenanthrene				1.5E-13	6.0E-12	3.9E-09	1.7E-07	4.9E-10	5.5E-08	7.1E-18	6.5E-16
2,3,5-Trimethylnaphthalene				6.8E-14	3.0E-12	1.9E-09	8.4E-08	2.4E-10	2.8E-08	3.3E-18	3.2E-16
2,6-Dimethylnaphthalene				1.9E-13	7.9E-12	5.1E-09	2.2E-07	6.4E-10	7.3E-08	9.1E-18	8.5E-16
2-Methylnaphthalene		2.3E-16	4.7E-15	2.1E-16	8.6E-15	3.2E-08	1.3E-06	4.0E-09	4.4E-07	2.4E-16	2.2E-14
Acenaphthylene				6.0E-13	2.5E-11	1.9E-08	8.0E-07	2.4E-09	2.7E-07	2.9E-17	2.7E-15
Acenaphthene	3.4E-15					3.5E-09	1.4E-07	4.3E-10	4.8E-08		
Anthracene	4.3E-14					6.1E-09	2.6E-07	7.6E-10	8.6E-08		
Benzo(a)anthracene	6.2E-12	1.6E-07	4.4E-11	1.4E-07	8.0E-11	3.0E-09	1.3E-07	3.7E-10	4.3E-08	2.1E-09	2.7E-12
Benzo(a)pyrene	3.1E-12	2.6E-07	1.8E-11	2.4E-07	3.3E-11	1.2E-09	4.9E-08	1.5E-10	1.6E-08	1.2E-11	3.6E-15
Benzo(b)fluoranthene	8.3E-13	5.7E-07	1.0E-12	5.1E-07	1.8E-12	1.3E-09	5.3E-08	1.6E-10	1.8E-08	2.5E-11	2.0E-16

Table H-60 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				3.4E-14	1.3E-12	1.0E-09	4.1E-08	1.3E-10	1.4E-08	1.7E-18	1.4E-16
Benzo(g,h,i)perylene				2.5E-14	1.0E-12	7.7E-10	3.2E-08	9.6E-11	1.1E-08	1.2E-18	1.1E-16
Benzo(k)fluoranthene	7.4E-15	3.6E-08	6.4E-13	3.3E-08	1.2E-12	1.2E-11	2.1E-10	1.5E-12	6.9E-11	1.6E-12	1.3E-16
Biphenyl				3.3E-15	1.4E-13	1.1E-07	4.7E-06	1.4E-08	1.6E-06	2.0E-15	1.8E-13
Chrysene	1.1E-12	2.3E-07	5.5E-11	2.1E-07	9.9E-11	5.1E-09	2.1E-07	6.4E-10	7.1E-08	1.0E-11	1.1E-14
Dibenze(a,h)anthracene	1.6E-13	9.9E-09	6.7E-12	9.0E-09	1.2E-11	1.9E-10	7.6E-09	2.3E-11	2.5E-09	4.4E-13	1.3E-15
Fluoranthene	2.8E-13	6.7E-14	1.4E-12	6.1E-14	2.5E-12	7.5E-09	3.1E-07	9.4E-10	1.0E-07	3.0E-18	2.7E-16
Fluorene	6.1E-14					1.9E-08	7.9E-07	2.3E-09	2.6E-07		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.4E-07	1.8E-11	1.3E-07	3.3E-11	6.2E-10	2.5E-08	7.7E-11	8.5E-09	6.3E-12	3.6E-15
Napthalene	2.8E-14					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Perylene				1.3E-14	6.2E-13	4.6E-10	2.0E-08	5.8E-11	6.8E-09	6.5E-19	6.6E-17
Phenanthrene	2.9E-13					3.5E-08	1.5E-06	4.4E-09	4.8E-07		
Pyrene	2.0E-13	2.5E-13	5.1E-12	2.3E-13	9.3E-12	7.3E-09	3.0E-07	9.1E-10	1.0E-07	6.4E-15	5.8E-13
Particulate											
Particulate Total Suspended Particulate				3.0E-09	1.2E-07	2.3E-05	9.0E-04	2.9E-06	3.0E-04	1.5E-13	1.3E-11
PM<10				3.8E-09	1.6E-07	3.1E-05	1.2E-03	3.9E-06	4.0E-04	1.9E-13	1.7E-11
PM<2.5				3.2E-09	1.3E-07	2.6E-05	1.0E-03	3.3E-06	3.5E-04	1.6E-13	1.4E-11
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	1.3E-14	5.5E-16	2.2E-14	9.3E-11	3.8E-09	1.2E-11	1.3E-09	5.1E-17	4.5E-15
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.4E-15	6.3E-17	2.4E-15	1.3E-12	5.1E-11	1.6E-13	1.7E-11	3.2E-18	2.7E-16
Hexachlorobiphenyl	9.3E-16	3.4E-16	6.1E-15	2.9E-16	1.0E-14	5.3E-12	2.1E-10	6.7E-13	6.9E-11	1.5E-17	1.1E-15
Monochlorobiphenyl	4.3E-14	4.5E-15	9.0E-14	3.8E-15	1.5E-13	6.5E-10	2.7E-08	8.1E-11	8.9E-09	3.5E-16	3.1E-14
Nonachlorobiphenyl	2.9E-17	1.3E-17	2.1E-16	1.1E-17	3.5E-16	1.8E-13	6.4E-12	2.2E-14	2.1E-12	5.7E-19	3.9E-17
Octachlorobiphenyl	6.8E-17	2.4E-17	4.4E-16	2.0E-17	7.5E-16	3.9E-13	1.5E-11	4.9E-14	5.1E-12	1.0E-18	8.4E-17

Table H-60 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	3.1E-15	1.2E-15	2.1E-14	1.0E-15	3.5E-14	1.8E-11	6.9E-10	2.3E-12	2.3E-10	5.2E-17	3.9E-15
Tetrachlorobiphenyl	1.8E-15	2.5E-16	4.2E-15	2.1E-16	7.1E-15	3.0E-11	1.1E-09	3.8E-12	3.8E-10	2.0E-17	1.5E-15
Trichlorobiphenyl	2.4E-15	3.0E-16	5.3E-15	2.5E-16	9.0E-15	3.8E-11	1.5E-09	4.8E-12	4.9E-10	2.3E-17	1.8E-15
Pesticides											
DDE				5.1E-08						1.6E-09	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	8.7E-09	3.4E-11	2.9E-09		
1,2-dichlorobenzene	2.8E-18					1.1E-10	1.9E-09	1.4E-11	6.5E-10		
1,3-Butadiene						3.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	5.5E-09	2.0E-11	1.8E-09		
1,4-dichlorobenzene	9.2E-17					1.5E-09	6.8E-08	1.9E-10	2.3E-08		
1,4-Dioxane						7.3E-05					
2,4-Dimethylphenol	2.5E-15					2.4E-08	9.5E-07	3.0E-09	3.2E-07		
2-Chlorophenol	1.3E-16					4.7E-09	2.1E-07	5.9E-10	6.9E-08		
2-Methylphenol	5.3E-14					5.6E-08	2.3E-06	7.0E-09	7.8E-07		
2-Nitrophenol	3.2E-16					7.6E-09	3.1E-07	9.4E-10	1.0E-07		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.5E-10	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.8E-16	1.7E-14
4-Nitrophenol	6.5E-16					1.3E-08	4.8E-07	1.6E-09	1.6E-07		
Acetophenone	3.9E-15					1.2E-07	4.9E-06	1.5E-08	1.6E-06		
Benzoic acid	1.6E-14					5.4E-07	2.2E-05	6.7E-08	7.5E-06		
Benzyl alcohol	9.8E-18					4.5E-09	1.4E-07	5.6E-10	4.5E-08		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	1.2E-10	8.0E-12	2.9E-10	1.9E-07	7.4E-06	2.4E-08	2.5E-06	3.9E-16	3.1E-14
Butyl benzyl phthalate	1.8E-13	3.3E-15	6.6E-14	3.8E-15	1.6E-13	6.0E-09	2.5E-07	7.5E-10	8.3E-08	1.9E-19	1.7E-17
Carbazole				1.4E-14	2.6E-13	1.7E-10	3.0E-09	2.1E-11	1.0E-09	6.9E-19	2.8E-17

Table H-60 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Dibenzofuran		1.4E-16	2.9E-15	5.7E-16	2.3E-14	9.5E-09	3.9E-07	1.2E-09	1.3E-07	2.4E-16	2.1E-14
Dimethyl phthalate	6.5E-17					3.3E-10	5.9E-09	4.2E-11	2.0E-09		
Di-n-butyl phthalate	1.7E-12	3.3E-15	6.7E-14	3.9E-15	1.6E-13	9.2E-09	3.8E-07	1.1E-09	1.3E-07	1.9E-19	1.7E-17
Di-n-octyl phthalate	1.3E-17	9.4E-15	8.7E-14	1.1E-14	2.1E-13	6.4E-10	1.1E-08	8.0E-11	3.8E-09	5.5E-19	2.2E-17
Hexachlorobutadiene	6.7E-15					4.4E-08	7.9E-07	5.5E-09	2.6E-07		
Isopropanol						8.2E-04					
Phenol	1.5E-13					3.0E-07	1.2E-05	3.8E-08	4.2E-06		
Pyridine	7.7E-15					2.9E-08	1.2E-06	3.6E-09	4.0E-07		
TRS											
Total Reduced Sulfur						2.9E-07	1.3E-05	3.6E-08	4.2E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	4.6E-09	1.7E-11	1.5E-09		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	5.0E-09	1.7E-11	1.7E-09		
1,1-Dichloroethene	6.0E-21					2.6E-11	4.6E-10	3.2E-12	1.5E-10		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	2.0E-08	6.7E-11	6.6E-09		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	1.9E-09	1.4E-11	6.4E-10		
1,2,4-Trimethylbenzene						6.2E-09	2.0E-07	7.8E-10	6.6E-08		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.2E-09	8.6E-12	4.1E-10		
1,2-Dichloroethane	1.2E-17					3.4E-05	1.0E-07	1.0E-06	3.5E-08		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.7E-07	7.3E-10	5.8E-08		
1,3-Dichloropropane						6.7E-11	1.2E-09	8.4E-12	4.0E-10		
2-Butanone	2.4E-15					3.3E-08	1.3E-06	4.1E-09	4.4E-07		
2-Chlorotoluene						1.5E-09	6.1E-08	1.8E-10	2.0E-08		
2-Hexanone						6.8E-09	2.5E-07	8.4E-10	8.2E-08		

Table H-60 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Benzene	2.0E-15					8.4E-05	3.4E-05	9.7E-06	1.1E-05		
Bromobenzene						3.7E-08	6.6E-07	4.7E-09	2.2E-07		
Bromochloromethane						8.8E-11	1.6E-09	1.1E-11	5.2E-10		
Bromodichloromethane	3.1E-19					9.5E-11	1.7E-09	1.2E-11	5.7E-10		
Bromomethane	1.3E-18					3.8E-09	1.1E-07	4.8E-10	3.8E-08		
Carbon disulfide	1.3E-18					3.3E-09	9.8E-08	4.2E-10	3.3E-08		
Carbon tetrachloride	1.3E-19					1.5E-04	3.9E-09	1.5E-05	1.3E-09		
Chlorobenzene	4.7E-17					4.8E-09	1.7E-07	6.0E-10	5.7E-08		
Chlorodibromomethane	1.8E-17					2.4E-09	4.2E-08	3.0E-10	1.4E-08		
Chloroethane	3.7E-18					9.1E-09	3.2E-07	1.1E-09	1.1E-07		
Chloroform	2.8E-18					2.5E-05	3.8E-08	2.4E-06	1.3E-08		
Chloromethane	9.8E-18					3.1E-08	9.4E-07	3.9E-09	3.1E-07		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	7.1E-08	5.0E-10	2.4E-08		
cis-1,3-Dichloropropene						2.4E-11	4.3E-10	3.0E-12	1.4E-10		
Dibromomethane	4.2E-19					2.0E-10	3.6E-09	2.5E-11	1.2E-09		
Dichlorodifluoromethane	4.7E-21					2.5E-10	4.4E-09	3.1E-11	1.5E-09		
Ethylbenzene	1.5E-15					9.6E-05	7.4E-06	2.4E-08	2.5E-06		
Isopropylbenzene	2.0E-18					1.6E-08	5.4E-07	2.0E-09	1.8E-07		
m&p-Xylene	2.4E-16					3.6E-08	1.2E-06	4.6E-09	4.1E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	6.4E-09	4.5E-11	2.1E-09		
Methylene chloride	2.6E-17					1.8E-08	6.6E-07	2.3E-09	2.2E-07		
n-Butylbenzene						7.8E-09	2.3E-07	9.7E-10	7.7E-08		
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07		
o-Xylene	2.8E-16					2.3E-08	7.6E-07	2.9E-09	2.5E-07		

Table H-60 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
p-Chlorotoluene						5.5E-10	1.7E-08	6.9E-11	5.6E-09		
p-Isopropyltoluene						3.8E-09	9.2E-08	4.8E-10	3.1E-08		
sec-Butylbenzene						1.4E-09	4.3E-08	1.8E-10	1.4E-08		
Styrene	9.4E-15					5.1E-07	1.9E-05	6.4E-08	6.2E-06		
tert-Butylbenzene						4.6E-08	8.1E-07	5.7E-09	2.7E-07		
Tetrachloroethene	6.6E-19					1.2E-10	4.2E-09	1.5E-11	1.4E-09		
Toluene	1.6E-15					3.2E-07	1.2E-05	3.9E-08	4.1E-06		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	1.5E-06	1.1E-08	5.0E-07		
trans-1,3-Dichloropropene						4.2E-11	7.5E-10	5.3E-12	2.5E-10		
Trichloroethene	6.8E-21					4.6E-06	1.3E-10	9.1E-13	4.3E-11		
Trichlorofluoromethane	1.0E-20					8.7E-11	1.6E-09	1.1E-11	5.2E-10		
Vinyl chloride	4.8E-19					5.0E-09	1.2E-07	6.2E-10	4.0E-08		

Table H-61 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			3.0E-04	3.7E-05	
Aldehydes					
Acetaldehyde			5.2E-04	6.5E-05	
Formaldehyde			2.2E-04	2.7E-05	
Propionaldehyde		5.5E-10	5.7E-05	7.1E-06	4.1E-06
CO					
Carbon monoxide			1.6E-02	2.0E-03	
CO2					
Carbon dioxide			5.0E-04	6.3E-05	
Criteria					
Sulfur Dioxide			1.4E-04	1.7E-05	
DIOXINS					
1,2,3,4,6,7,8-HpCDD			3.0E-10	3.8E-11	
1,2,3,4,6,7,8-HpCDF			3.1E-10	3.8E-11	
1,2,3,4,7,8,9-HpCDF			3.9E-11	4.8E-12	
1,2,3,4,7,8-HxCDD			3.6E-11	4.5E-12	
1,2,3,4,7,8-HxCDF			3.0E-10	3.7E-11	
1,2,3,6,7,8-HxCDD			7.6E-11	9.6E-12	
1,2,3,6,7,8-HxCDF			9.6E-11	1.2E-11	
1,2,3,7,8,9-HxCDD			1.2E-10	1.4E-11	
1,2,3,7,8,9-HxCDF			7.4E-12	9.2E-13	

Table H-61 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD			4.6E-11	5.8E-12	
1,2,3,7,8-PeCDF			6.6E-11	8.2E-12	
2,3,4,6,7,8-HxCDF			1.5E-10	1.9E-11	
2,3,4,7,8-PeCDF			1.5E-10	1.8E-11	
2,3,7,8-TCDD			1.9E-11	2.3E-12	
2,3,7,8-TCDF			6.8E-11	8.5E-12	
OCDD			2.0E-10	2.5E-11	
OCDF			7.5E-11	9.4E-12	
HCN					
Hydrogen cyanide			5.7E-05	7.1E-06	
Metals					
Aluminum		3.4E-03			1.6E-04
Antimony		1.5E-07	3.7E-06	4.7E-07	7.5E-09
Arsenic	7.0E-08	1.7E-07	2.1E-07	2.7E-08	1.3E-08
Barium			4.5E-05	5.6E-06	
Beryllium		4.6E-13	1.5E-08	1.9E-09	2.2E-14
Cadmium		7.8E-12	2.7E-07	3.4E-08	3.8E-13
Chromium			2.3E-06	2.9E-07	
Cobalt		6.4E-06	3.5E-06	4.4E-07	3.1E-07
Copper			6.3E-06	7.9E-07	
Iron		6.1E-03			3.0E-04
Lead		3.1E-05	2.1E-06	2.7E-07	1.5E-06

Table H-61 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		5.7E-11	1.9E-06	2.4E-07	2.8E-12
Mercury (+2)			8.4E-09	1.1E-09	
Mercury, elemental		8.1E-09	3.5E-11	4.4E-12	1.6E-05
Nickel		1.4E-04	1.2E-06	1.5E-07	7.0E-06
Phosphorus		3.0E-10	9.4E-06	1.2E-06	2.9E-06
Selenium		1.8E-12	6.2E-08	7.8E-09	8.9E-14
Silver		1.3E-13	4.1E-08	5.1E-09	6.3E-15
Titanium		5.7E-13	2.2E-08	2.7E-09	2.8E-14
Zinc		1.7E-09	4.9E-05	6.1E-06	8.4E-11
NOx					
NOx (Oxides of Nitrogen)			5.6E-04	7.0E-05	
PAHs					
1-Methylnaphthalene	9.7E-11	8.8E-11	1.2E-05	1.5E-06	1.0E-07
1-Methylphenanthrene		1.0E-11	1.4E-06	1.8E-07	5.1E-13
2,3,5-Trimethylnaphthalene		4.9E-12	7.0E-07	8.7E-08	2.4E-13
2,6-Dimethylnaphthalene		1.3E-11	1.8E-06	2.3E-07	6.5E-13
2-Methylnaphthalene	9.4E-11	8.5E-11	1.1E-05	1.4E-06	9.8E-08
Acenaphthylene		4.9E-11	6.7E-06	8.4E-07	2.4E-12
Acenaphthene			1.2E-06	1.5E-07	
Anthracene			2.2E-06	2.7E-07	
Benzo(a)anthracene	3.2E-06	2.9E-06	1.1E-06	1.3E-07	4.4E-05
Benzo(a)pyrene	2.7E-06	2.4E-06	4.2E-07	5.3E-08	1.2E-07

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(b)fluoranthene	4.4E-06	4.0E-06	4.7E-07	5.9E-08	1.9E-07
Benzo(e)pyrene		2.8E-12	3.6E-07	4.5E-08	1.4E-13
Benzo(g,h,i)perylene		2.1E-12	2.7E-07	3.4E-08	1.0E-13
Benzo(k)fluoranthene	2.4E-06	2.1E-06	4.2E-09	5.2E-10	1.0E-07
Biphenyl		2.9E-10	4.0E-05	5.0E-06	1.7E-07
Chrysene	3.4E-06	3.1E-06	1.8E-06	2.3E-07	1.5E-07
Dibenze(a,h)anthracene	5.2E-07	4.7E-07	6.6E-08	8.3E-09	2.3E-08
Fluoranthene	1.8E-13	1.6E-13	2.7E-06	3.3E-07	8.0E-15
Fluorene			6.7E-06	8.4E-07	
Indeno(1,2,3-cd)pyrene	6.9E-07	6.3E-07	2.2E-07	2.7E-08	3.1E-08
Napthalene	6.7E-08	6.1E-08	5.3E-05	6.6E-06	8.8E-05
Perylene		1.1E-12	1.6E-07	2.1E-08	5.3E-14
Phenanthrene			1.3E-05	1.6E-06	
Pyrene			2.6E-06	3.3E-07	
Particulate					
Particulate Total Suspended Particulate		2.1E-07	8.4E-03	1.0E-03	1.0E-08
PM<10		2.7E-07	1.1E-02	1.4E-03	1.3E-08
PM<2.5		2.3E-07	9.4E-03	1.2E-03	1.1E-08
PCBs					
Dichlorobiphenyl			3.3E-08	4.1E-09	
Heptachlorobiphenyl			4.5E-10	5.7E-11	
Hexachlorobiphenyl			1.9E-09	2.4E-10	

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Monochlorobiphenyl			2.3E-07	2.9E-08	
Nonachlorobiphenyl			6.4E-11	8.0E-12	
Octachlorobiphenyl			1.4E-10	1.7E-11	
Pentachlorobiphenyl			6.5E-09	8.1E-10	
Tetrachlorobiphenyl			1.1E-08	1.3E-09	
Trichlorobiphenyl			1.4E-08	1.7E-09	
Pesticides					
DDE		2.3E-07			7.3E-06
Dieldrin	2.2E-08	2.6E-08			1.3E-09
SVOCs					
1,2,4-trichlorobenzene			9.6E-08	1.2E-08	
1,2-dichlorobenzene			3.9E-08	4.9E-09	
1,3-Butadiene			9.8E-03		
1,3-dichlorobenzene			5.8E-08	7.2E-09	
1,4-dichlorobenzene			5.4E-07	6.8E-08	
2,4-Dimethylphenol			8.5E-06	1.1E-06	
2-Chlorophenol			1.7E-06	2.1E-07	
2-Methylphenol			2.0E-05	2.5E-06	
2-Nitrophenol			2.7E-06	3.4E-07	
3-Methylphenol & 4-Methylphenol		2.6E-10	3.6E-05	4.5E-06	1.3E-11
4-Nitrophenol			4.5E-06	5.6E-07	
Acetophenone			4.2E-05	5.3E-06	

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzoic acid			1.9E-04	2.4E-05	
Benzyl alcohol			1.6E-06	2.0E-07	
bis(2-Ethylhexyl) phthalate	4.2E-10	5.0E-10	6.8E-05	8.5E-06	2.5E-11
Butyl benzyl phthalate	6.7E-13	7.9E-13	2.1E-06	2.7E-07	3.9E-14
Carbazole		1.0E-12	6.0E-08	7.5E-09	4.9E-14
Dibenzofuran	6.6E-12	2.6E-11	3.4E-06	4.3E-07	1.1E-08
Dimethyl phthalate			1.2E-07	1.5E-08	
Di-n-butyl phthalate	2.1E-13	2.4E-13	3.3E-06	4.1E-07	1.2E-14
Di-n-octyl phthalate	4.9E-13	5.7E-13	2.3E-07	2.9E-08	2.8E-14
Hexachlorobutadiene			1.6E-05	2.0E-06	
Isopropanol			1.1E+00		
Phenol			1.1E-04	1.3E-05	
Pyridine			1.0E-05	1.3E-06	
TRS					
Total Reduced Sulfur			1.0E-04	1.3E-05	
VOCs					
1,1,1,2-Tetrachloroethane			4.8E-08	6.0E-09	
1,1,1-Trichloroethane			4.7E-08	5.9E-09	
1,1-Dichloroethene			9.3E-09	1.2E-09	
1,2,3-Trichlorobenzene			1.9E-07	2.4E-08	
1,2,3-Trichloropropane			3.9E-08	4.8E-09	
1,2,4-Trimethylbenzene			2.2E-06	2.8E-07	

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2-Dibromoethane			2.5E-08	3.1E-09	
1,2-Dichloroethane			9.9E-07	3.6E-04	
1,3,5-Trimethylbenzene			2.1E-06	2.6E-07	
1,3-Dichloropropane			2.4E-08	3.0E-09	
2-Butanone			1.2E-05	1.5E-06	
2-Chlorotoluene			5.3E-07	6.6E-08	
2-Hexanone			2.4E-06	3.0E-07	
Benzene			3.9E-02	3.5E-03	
Bromobenzene			1.3E-05	1.7E-06	
Bromochloromethane			3.1E-08	3.9E-09	
Bromodichloromethane			3.4E-08	4.3E-09	
Bromomethane			1.4E-06	1.7E-07	
Carbon disulfide			1.2E-06	1.5E-07	
Carbon tetrachloride			5.0E-02	5.5E-03	
Chlorobenzene			1.7E-06	2.1E-07	
Chlorodibromomethane			8.5E-07	1.1E-07	
Chloroethane			3.3E-06	4.1E-07	
Chloroform			1.1E-02	8.6E-04	
Chloromethane			1.1E-05	1.4E-06	
cis-1,2-Dichloroethene			1.4E-06	1.8E-07	
cis-1,3-Dichloropropene			8.7E-09	1.1E-09	
Dibromomethane			7.3E-08	9.1E-09	

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dichlorodifluoromethane			8.9E-08	1.1E-08	
Ethylbenzene			1.9E-02	8.7E-06	
Isopropylbenzene			5.6E-06	7.0E-07	
m&p-Xylene			1.3E-05	1.6E-06	
Methyl Isobutyl Ketone (4-methyl-2-penta			1.3E-07	1.6E-08	
Methylene chloride			6.4E-06	8.1E-07	
n-Butylbenzene			2.8E-06	3.5E-07	
n-Propylbenzene			3.3E-06	4.2E-07	
o-Xylene			8.2E-06	1.0E-06	
p-Chlorotoluene			2.0E-07	2.5E-08	
p-Isopropyltoluene			1.4E-06	1.7E-07	
sec-Butylbenzene			5.1E-07	6.4E-08	
Styrene			1.8E-04	2.3E-05	
tert-Butylbenzene			1.6E-05	2.0E-06	
Tetrachloroethene			4.3E-08	5.4E-09	
Toluene			1.1E-04	1.4E-05	
trans-1,2-Dichloroethene			3.0E-05	3.8E-06	
trans-1,3-Dichloropropene			1.5E-08	1.9E-09	
Trichloroethene			1.3E-02	3.2E-10	
Trichlorofluoromethane			3.1E-08	3.9E-09	
Vinyl chloride			1.1E-03	2.2E-07	

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Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			8.4E-07	1.0E-07	
Aldehydes					
Acetaldehyde			1.4E-06	1.8E-07	
Formaldehyde			6.2E-07	7.7E-08	
Propionaldehyde		2.2E-15	1.6E-07	2.0E-08	1.7E-14
CO					
Carbon monoxide			4.5E-05	5.6E-06	
CO2					
Carbon dioxide			1.4E-06	1.8E-07	
Criteria					
Sulfur Dioxide			3.8E-07	4.7E-08	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	1.4E-15	5.5E-15	8.5E-13	1.1E-13	2.7E-19
1,2,3,4,6,7,8-HpCDF	1.4E-15	5.5E-15	8.6E-13	1.1E-13	2.7E-19
1,2,3,4,7,8,9-HpCDF	1.6E-16	6.4E-16	1.1E-13	1.4E-14	3.1E-20
1,2,3,4,7,8-HxCDD	1.6E-16	6.2E-16	1.0E-13	1.3E-14	3.1E-20
1,2,3,4,7,8-HxCDF	1.3E-15	4.9E-15	8.3E-13	1.0E-13	2.4E-19
1,2,3,6,7,8-HxCDD	3.2E-16	1.3E-15	2.1E-13	2.7E-14	6.2E-20
1,2,3,6,7,8-HxCDF	4.1E-16	1.6E-15	2.7E-13	3.4E-14	7.9E-20
1,2,3,7,8,9-HxCDD	5.1E-16	2.0E-15	3.2E-13	4.1E-14	9.8E-20
1,2,3,7,8,9-HxCDF	2.9E-17	1.2E-16	2.1E-14	2.6E-15	5.7E-21

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Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	1.8E-16	7.0E-16	1.3E-13	1.6E-14	3.5E-20
1,2,3,7,8-PeCDF	2.1E-16	8.3E-16	1.8E-13	2.3E-14	4.0E-20
2,3,4,6,7,8-HxCDF	6.4E-16	2.5E-15	4.2E-13	5.2E-14	1.2E-19
2,3,4,7,8-PeCDF	5.0E-16	2.0E-15	4.1E-13	5.2E-14	9.7E-20
2,3,7,8-TCDD	3.6E-17	1.4E-16	5.2E-14	6.5E-15	4.9E-18
2,3,7,8-TCDF	6.6E-17	2.6E-16	1.9E-13	2.4E-14	1.3E-20
OCDD	9.4E-16	3.7E-15	5.6E-13	7.0E-14	1.8E-19
OCDF	3.6E-16	1.4E-15	2.1E-13	2.6E-14	7.0E-20
HCN					
Hydrogen cyanide			1.6E-07	2.0E-08	
Metals					
Aluminum		9.4E-03			4.6E-07
Antimony		4.3E-07	1.0E-08	1.3E-09	2.1E-11
Arsenic	2.0E-07	4.6E-07	5.9E-10	7.4E-11	3.8E-11
Barium		3.1E-09	1.3E-07	1.6E-08	1.5E-13
Beryllium		1.0E-15	4.3E-11	5.4E-12	5.1E-20
Cadmium		8.2E-16	7.6E-10	9.5E-11	4.0E-20
Chromium		8.3E-11	6.5E-09	8.1E-10	4.1E-15
Cobalt		1.8E-05	9.8E-09	1.2E-09	8.8E-10
Copper		3.4E-10	1.8E-08	2.2E-09	1.6E-14
Iron		1.7E-02			8.4E-07
Lead		8.6E-05	6.0E-09	7.5E-10	4.2E-09

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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		8.0E-13	5.5E-09	6.8E-10	3.9E-17
Mercury (+2)		3.4E-14	2.4E-11	2.9E-12	1.7E-18
Mercury, elemental		2.3E-08	9.8E-14	1.2E-14	4.3E-08
Methyl Mercury		2.0E-15			1.0E-19
Nickel		4.0E-04	3.5E-09	4.3E-10	2.0E-08
Phosphorus		7.5E-15	2.6E-08	3.3E-09	7.2E-14
Selenium		4.0E-17	1.7E-10	2.2E-11	2.0E-21
Silver		8.4E-13	1.1E-10	1.4E-11	4.1E-17
Titanium		8.0E-15	6.1E-11	7.6E-12	3.9E-19
Zinc		1.8E-13	1.4E-07	1.7E-08	9.0E-18
NOx					
NOx (Oxides of Nitrogen)			1.6E-06	2.0E-07	
PAHs					
1-Methylnaphthalene	2.4E-16	2.2E-16	3.3E-08	4.1E-09	2.5E-16
1-Methylphenanthrene		1.5E-13	3.9E-09	4.9E-10	7.1E-18
2,3,5-Trimethylnaphthalene		6.8E-14	1.9E-09	2.4E-10	3.3E-18
2,6-Dimethylnaphthalene		1.9E-13	5.1E-09	6.4E-10	9.1E-18
2-Methylnaphthalene	2.3E-16	2.1E-16	3.2E-08	4.0E-09	2.4E-16
Acenaphthylene		6.0E-13	1.9E-08	2.4E-09	2.9E-17
Acenaphthene			3.5E-09	4.3E-10	
Anthracene			6.1E-09	7.6E-10	
Benzo(a)anthracene	9.0E-06	8.1E-06	3.0E-09	3.7E-10	1.2E-07

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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)pyrene	7.5E-06	6.8E-06	1.2E-09	1.5E-10	3.4E-10
Benzo(b)fluoranthene	1.2E-05	1.1E-05	1.3E-09	1.6E-10	5.5E-10
Benzo(e)pyrene		3.4E-14	1.0E-09	1.3E-10	1.7E-18
Benzo(g,h,i)perylene		2.5E-14	7.7E-10	9.6E-11	1.2E-18
Benzo(k)fluoranthene	6.6E-06	6.0E-06	1.2E-11	1.5E-12	2.9E-10
Biphenyl		3.3E-15	1.1E-07	1.4E-08	2.0E-15
Chrysene	9.4E-06	8.6E-06	5.1E-09	6.4E-10	4.2E-10
Dibenze(a,h)anthracene	1.5E-06	1.3E-06	1.9E-10	2.3E-11	6.5E-11
Fluoranthene	6.7E-14	6.1E-14	7.5E-09	9.4E-10	3.0E-18
Fluorene			1.9E-08	2.3E-09	
Indeno(1,2,3-cd)pyrene	1.9E-06	1.8E-06	6.2E-10	7.7E-11	8.6E-11
Napthalene	1.9E-07	1.7E-07	1.5E-07	1.9E-08	2.5E-07
Perylene		1.3E-14	4.6E-10	5.8E-11	6.5E-19
Phenanthrene			3.5E-08	4.4E-09	
Pyrene	2.5E-13	2.3E-13	7.3E-09	9.1E-10	6.4E-15
Particulate					
Particulate Total Suspended Particulate		3.0E-09	2.3E-05	2.9E-06	1.5E-13
PM<10		3.8E-09	3.1E-05	3.9E-06	1.9E-13
PM<2.5		3.2E-09	2.6E-05	3.3E-06	1.6E-13
PCBs					
Dichlorobiphenyl	6.5E-16	5.5E-16	9.3E-11	1.2E-11	5.1E-17
Heptachlorobiphenyl	7.5E-17	6.3E-17	1.3E-12	1.6E-13	3.2E-18

Table H-62 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Hexachlorobiphenyl	3.4E-16	2.9E-16	5.3E-12	6.7E-13	1.5E-17
Monochlorobiphenyl	4.5E-15	3.8E-15	6.5E-10	8.1E-11	3.5E-16
Nonachlorobiphenyl	1.3E-17	1.1E-17	1.8E-13	2.2E-14	5.7E-19
Octachlorobiphenyl	2.4E-17	2.0E-17	3.9E-13	4.9E-14	1.0E-18
Pentachlorobiphenyl	1.2E-15	1.0E-15	1.8E-11	2.3E-12	5.2E-17
Tetrachlorobiphenyl	2.5E-16	2.1E-16	3.0E-11	3.8E-12	2.0E-17
Trichlorobiphenyl	3.0E-16	2.5E-16	3.8E-11	4.8E-12	2.3E-17
Pesticides					
DDE		6.4E-07			2.0E-08
Dieldrin	6.2E-08	7.3E-08			3.6E-12
SVOCs					
1,2,4-trichlorobenzene			2.7E-10	3.4E-11	
1,2-dichlorobenzene			1.1E-10	1.4E-11	
1,3-Butadiene			2.7E-05		
1,3-dichlorobenzene			1.6E-10	2.0E-11	
1,4-dichlorobenzene			1.5E-09	1.9E-10	
2,4-Dimethylphenol			2.4E-08	3.0E-09	
2-Chlorophenol			4.7E-09	5.9E-10	
2-Methylphenol			5.6E-08	7.0E-09	
2-Nitrophenol			7.6E-09	9.4E-10	
3-Methylphenol & 4-Methylphenol		3.7E-12	1.0E-07	1.3E-08	1.8E-16
4-Nitrophenol			1.3E-08	1.6E-09	

Table H-62 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			1.2E-07	1.5E-08	
Benzoic acid			5.4E-07	6.7E-08	
Benzyl alcohol			4.5E-09	5.6E-10	
bis(2-Ethylhexyl) phthalate	6.7E-12	8.0E-12	1.9E-07	2.4E-08	3.9E-16
Butyl benzyl phthalate	3.3E-15	3.8E-15	6.0E-09	7.5E-10	1.9E-19
Carbazole		1.4E-14	1.7E-10	2.1E-11	6.9E-19
Dibenzofuran	1.4E-16	5.7E-16	9.5E-09	1.2E-09	2.4E-16
Dimethyl phthalate			3.3E-10	4.2E-11	
Di-n-butyl phthalate	3.3E-15	3.9E-15	9.2E-09	1.1E-09	1.9E-19
Di-n-octyl phthalate	9.4E-15	1.1E-14	6.4E-10	8.0E-11	5.5E-19
Hexachlorobutadiene			4.4E-08	5.5E-09	
Isopropanol			3.2E-03		
Phenol			3.0E-07	3.8E-08	
Pyridine			2.9E-08	3.6E-09	
TRS					
Total Reduced Sulfur			2.9E-07	3.6E-08	
VOCs					
1,1,1,2-Tetrachloroethane			1.3E-10	1.7E-11	
1,1,1-Trichloroethane			1.3E-10	1.7E-11	
1,1-Dichloroethene			2.6E-11	3.2E-12	
1,2,3-Trichlorobenzene			5.3E-10	6.7E-11	
1,2,3-Trichloropropane			1.1E-10	1.4E-11	

Table H-62 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			6.2E-09	7.8E-10	
1,2-Dibromoethane			6.9E-11	8.6E-12	
1,2-Dichloroethane			2.8E-09	1.0E-06	
1,3,5-Trimethylbenzene			5.9E-09	7.3E-10	
1,3-Dichloropropane			6.7E-11	8.4E-12	
2-Butanone			3.3E-08	4.1E-09	
2-Chlorotoluene			1.5E-09	1.8E-10	
2-Hexanone			6.8E-09	8.4E-10	
Benzene			1.1E-04	9.7E-06	
Bromobenzene			3.7E-08	4.7E-09	
Bromochloromethane			8.8E-11	1.1E-11	
Bromodichloromethane			9.5E-11	1.2E-11	
Bromomethane			3.8E-09	4.8E-10	
Carbon disulfide			3.3E-09	4.2E-10	
Carbon tetrachloride			1.4E-04	1.5E-05	
Chlorobenzene			4.8E-09	6.0E-10	
Chlorodibromomethane			2.4E-09	3.0E-10	
Chloroethane			9.1E-09	1.1E-09	
Chloroform			3.2E-05	2.4E-06	
Chloromethane			3.1E-08	3.9E-09	
cis-1,2-Dichloroethene			4.0E-09	5.0E-10	
cis-1,3-Dichloropropene			2.4E-11	3.0E-12	

Table H-62 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			2.0E-10	2.5E-11	
Dichlorodifluoromethane			2.5E-10	3.1E-11	
Ethylbenzene			5.3E-05	2.4E-08	
Isopropylbenzene			1.6E-08	2.0E-09	
m&p-Xylene			3.6E-08	4.6E-09	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.6E-10	4.5E-11	
Methylene chloride			1.8E-08	2.3E-09	
n-Butylbenzene			7.8E-09	9.7E-10	
n-Propylbenzene			9.4E-09	1.2E-09	
o-Xylene			2.3E-08	2.9E-09	
p-Chlorotoluene			5.5E-10	6.9E-11	
p-Isopropyltoluene			3.8E-09	4.8E-10	
sec-Butylbenzene			1.4E-09	1.8E-10	
Styrene			5.1E-07	6.4E-08	
tert-Butylbenzene			4.6E-08	5.7E-09	
Tetrachloroethene			1.2E-10	1.5E-11	
Toluene			3.2E-07	3.9E-08	
trans-1,2-Dichloroethene			8.4E-08	1.1E-08	
trans-1,3-Dichloropropene			4.2E-11	5.3E-12	
Trichloroethene			3.7E-05	9.1E-13	
Trichlorofluoromethane			8.7E-11	1.1E-11	
Vinyl chloride			3.0E-06	6.2E-10	

Table H-63 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.0E-04	1.1E-02	3.7E-05	3.5E-03		
Aldehydes											
Acetaldehyde	3.3E-14					5.2E-04	1.9E-02	6.5E-05	6.2E-03		
Formaldehyde	1.6E-13					2.2E-04	7.3E-03	2.7E-05	2.4E-03		
Propionaldehyde				5.5E-10	1.7E-08	5.7E-05	2.1E-03	7.1E-06	6.9E-04	4.1E-06	2.9E-04
CO											
Carbon monoxide						1.6E-02	6.0E-01	2.0E-03	2.0E-01		
CO2											
Carbon dioxide						5.0E-04	1.8E-02	6.3E-05	6.0E-03		
Criteria											
Sulfur Dioxide						1.4E-04	4.4E-03	1.7E-05	1.5E-03		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.5E-19					3.0E-10	1.2E-08	3.8E-11	4.0E-09		
1,2,3,4,6,7,8-HpCDF	1.5E-19					3.1E-10	1.2E-08	3.8E-11	4.0E-09		
1,2,3,4,7,8,9-HpCDF	3.2E-20					3.9E-11	1.6E-09	4.8E-12	5.3E-10		
1,2,3,4,7,8-HxCDD	2.3E-19					3.6E-11	1.5E-09	4.5E-12	4.9E-10		
1,2,3,4,7,8-HxCDF	1.6E-18					3.0E-10	1.2E-08	3.7E-11	4.0E-09		
1,2,3,6,7,8-HxCDD	4.8E-19					7.6E-11	3.1E-09	9.6E-12	1.0E-09		
1,2,3,6,7,8-HxCDF	6.0E-19					9.6E-11	3.9E-09	1.2E-11	1.3E-09		
1,2,3,7,8,9-HxCDD	5.7E-19					1.2E-10	4.7E-09	1.4E-11	1.6E-09		
1,2,3,7,8,9-HxCDF	5.9E-20					7.4E-12	3.0E-10	9.2E-13	1.0E-10		
1,2,3,7,8-PeCDD	2.2E-18					4.6E-11	1.9E-09	5.8E-12	6.3E-10		
1,2,3,7,8-PeCDF	3.1E-18					6.6E-11	2.7E-09	8.2E-12	9.0E-10		

Table H-63 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	9.0E-19					1.5E-10	5.9E-09	1.9E-11	2.0E-09		
2,3,4,7,8-PeCDF	4.6E-18					1.5E-10	6.0E-09	1.8E-11	2.0E-09		
2,3,7,8-TCDD	8.0E-19					1.9E-11	6.2E-10	2.3E-12	2.1E-10		
2,3,7,8-TCDF	2.8E-18					6.8E-11	2.8E-09	8.5E-12	9.3E-10		
OCDD	1.9E-21					2.0E-10	7.9E-09	2.5E-11	2.6E-09		
OCDF	7.1E-22					7.5E-11	2.9E-09	9.4E-12	9.8E-10		
HCN											
Hydrogen cyanide						5.7E-05	2.2E-03	7.1E-06	7.3E-04		
Metals											
Aluminum				3.4E-03						1.6E-04	
Antimony	5.6E-18			1.5E-07		3.7E-06	9.2E-05	4.7E-07	3.1E-05	7.5E-09	
Arsenic	7.3E-16	7.0E-08	3.0E-11	1.7E-07	1.4E-10	2.1E-07	7.5E-06	2.7E-08	2.5E-06	1.3E-08	2.5E-11
Barium	4.3E-13					4.5E-05	1.2E-03	5.6E-06	4.0E-04		
Beryllium	2.4E-17			4.6E-13	1.7E-11	1.5E-08	5.2E-07	1.9E-09	1.7E-07	2.2E-14	1.9E-12
Cadmium	6.6E-15			7.8E-12	3.0E-10	2.7E-07	9.4E-06	3.4E-08	3.1E-06	3.8E-13	3.2E-11
Chromium	5.2E-16					2.3E-06	8.3E-05	2.9E-07	2.8E-05		
Cobalt				6.4E-06		3.5E-06	6.4E-05	4.4E-07	2.1E-05	3.1E-07	
Copper						6.3E-06	2.2E-04	7.9E-07	7.2E-05		
Iron				6.1E-03						3.0E-04	
Lead	5.1E-18			3.1E-05	2.5E-09	2.1E-06	7.0E-05	2.7E-07	2.3E-05	1.5E-06	2.6E-10
Manganese				5.7E-11	2.2E-09	1.9E-06	6.7E-05	2.4E-07	2.2E-05	2.8E-12	2.4E-10
Mercury (+2)						8.4E-09	3.0E-07	1.1E-09	9.9E-08		
Mercury, elemental				8.1E-09		3.5E-11	1.2E-09	4.4E-12	4.1E-10	1.6E-05	
Methyl Mercury	1.5E-15										

Table H-63 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	2.7E-15			1.4E-04	1.4E-09	1.2E-06	4.3E-05	1.5E-07	1.4E-05	7.0E-06	1.5E-10
Phosphorus				3.0E-10	1.1E-08	9.4E-06	3.1E-04	1.2E-06	1.0E-04	2.9E-06	2.3E-04
Selenium	4.6E-16			1.8E-12	7.0E-11	6.2E-08	2.2E-06	7.8E-09	7.3E-07	8.9E-14	7.5E-12
Silver	5.8E-17			1.3E-13	4.8E-12	4.1E-08	1.3E-06	5.1E-09	4.5E-07	6.3E-15	5.1E-13
Titanium				5.7E-13	2.3E-11	2.2E-08	8.1E-07	2.7E-09	2.7E-07	2.8E-14	2.5E-12
Zinc	3.3E-12			1.7E-09	6.0E-08	4.9E-05	1.4E-03	6.1E-06	4.7E-04	8.4E-11	6.5E-09
NOx											
NOx (Oxides of Nitrogen)						5.6E-04	1.9E-02	7.0E-05	6.2E-03		
PAHs											
1-Methylnaphthalene		9.7E-11	2.0E-09	8.8E-11	3.6E-09	1.2E-05	4.9E-04	1.5E-06	1.6E-04	1.0E-07	9.0E-06
1-Methylphenanthrene				1.0E-11	4.3E-10	1.4E-06	5.9E-05	1.8E-07	2.0E-05	5.1E-13	4.6E-11
2,3,5-Trimethylnaphthalene				4.9E-12	2.1E-10	7.0E-07	3.0E-05	8.7E-08	1.0E-05	2.4E-13	2.3E-11
2,6-Dimethylnaphthalene				1.3E-11	5.6E-10	1.8E-06	7.8E-05	2.3E-07	2.6E-05	6.5E-13	6.1E-11
2-Methylnaphthalene		9.4E-11	1.9E-09	8.5E-11	3.5E-09	1.1E-05	4.8E-04	1.4E-06	1.6E-04	9.8E-08	8.8E-06
Acenaphthylene				4.9E-11	2.1E-09	6.7E-06	2.9E-04	8.4E-07	9.5E-05	2.4E-12	2.2E-10
Acenaphthene	1.2E-15					1.2E-06	5.2E-05	1.5E-07	1.7E-05		
Anthracene	1.5E-14					2.2E-06	9.2E-05	2.7E-07	3.1E-05		
Benzo(a)anthracene	2.3E-12	3.2E-06	5.2E-11	2.9E-06	9.5E-11	1.1E-06	4.6E-05	1.3E-07	1.5E-05	4.4E-05	3.2E-09
Benzo(a)pyrene	1.2E-12	2.7E-06	3.7E-11	2.4E-06	6.7E-11	4.2E-07	1.8E-05	5.3E-08	5.9E-06	1.2E-07	7.3E-12
Benzo(b)fluoranthene	3.0E-13	4.4E-06	1.5E-12	4.0E-06	2.8E-12	4.7E-07	1.9E-05	5.9E-08	6.3E-06	1.9E-07	3.0E-13
Benzo(e)pyrene				2.8E-12	1.1E-10	3.6E-07	1.5E-05	4.5E-08	4.9E-06	1.4E-13	1.2E-11
Benzo(g,h,i)perylene				2.1E-12	8.4E-11	2.7E-07	1.1E-05	3.4E-08	3.8E-06	1.0E-13	9.0E-12
Benzo(k)fluoranthene	1.4E-15	2.4E-06		2.1E-06		4.2E-09	7.4E-08	5.2E-10	2.5E-08	1.0E-07	
Biphenyl				2.9E-10	1.2E-08	4.0E-05	1.7E-03	5.0E-06	5.6E-04	1.7E-07	1.6E-05

Table H-63 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	3.6E-13	3.4E-06	4.3E-12	3.1E-06	7.9E-12	1.8E-06	7.6E-05	2.3E-07	2.5E-05	1.5E-07	8.5E-13
Dibenze(a,h)anthracene	5.4E-14	5.2E-07	1.9E-12	4.7E-07	3.5E-12	6.6E-08	2.7E-06	8.3E-09	9.1E-07	2.3E-08	3.8E-13
Fluoranthene	1.0E-13	1.8E-13	3.7E-12	1.6E-13	6.7E-12	2.7E-06	1.1E-04	3.3E-07	3.7E-05	8.0E-15	7.2E-13
Fluorene	2.2E-14					6.7E-06	2.8E-04	8.4E-07	9.4E-05		
Indeno(1,2,3-cd)pyrene	2.4E-13	6.9E-07	1.9E-11	6.3E-07	3.4E-11	2.2E-07	9.1E-06	2.7E-08	3.0E-06	3.1E-08	3.7E-12
Napthalene	1.0E-14	6.7E-08		6.1E-08		5.3E-05	2.2E-03	6.6E-06	7.4E-04	8.8E-05	
Perylene				1.1E-12	5.0E-11	1.6E-07	7.3E-06	2.1E-08	2.4E-06	5.3E-14	5.4E-12
Phenanthrene	1.0E-13					1.3E-05	5.2E-04	1.6E-06	1.7E-04		
Pyrene	7.2E-14					2.6E-06	1.1E-04	3.3E-07	3.6E-05		
Particulate											
Particulate Total Suspended Particulate				2.1E-07	8.7E-06	8.4E-03	3.2E-01	1.0E-03	1.1E-01	1.0E-08	9.4E-07
PM<10				2.7E-07	1.1E-05	1.1E-02	4.3E-01	1.4E-03	1.4E-01	1.3E-08	1.2E-06
PM<2.5				2.3E-07	9.6E-06	9.4E-03	3.7E-01	1.2E-03	1.2E-01	1.1E-08	1.0E-06
PCBs											
Dichlorobiphenyl	2.2E-15					3.3E-08	1.4E-06	4.1E-09	4.5E-07		
Heptachlorobiphenyl	8.1E-17					4.5E-10	1.8E-08	5.7E-11	6.1E-09		
Hexachlorobiphenyl	3.3E-16					1.9E-09	7.4E-08	2.4E-10	2.5E-08		
Monochlorobiphenyl	1.5E-14					2.3E-07	9.5E-06	2.9E-08	3.2E-06		
Nonachlorobiphenyl	1.0E-17					6.4E-11	2.3E-09	8.0E-12	7.6E-10		
Octachlorobiphenyl	2.4E-17					1.4E-10	5.4E-09	1.7E-11	1.8E-09		
Pentachlorobiphenyl	1.1E-15					6.5E-09	2.5E-07	8.1E-10	8.2E-08		
Tetrachlorobiphenyl	6.5E-16					1.1E-08	4.0E-07	1.3E-09	1.3E-07		
Trichlorobiphenyl	8.4E-16					1.4E-08	5.3E-07	1.7E-09	1.8E-07		
Pesticides											

Table H-63 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
DDE				2.3E-07						7.3E-06	
Dieldrin		2.2E-08		2.6E-08						1.3E-09	
SVOCs											
1,2,4-trichlorobenzene						9.6E-08	3.1E-06	1.2E-08	1.0E-06		
1,2-dichlorobenzene	9.8E-19					3.9E-08	6.9E-07	4.9E-09	2.3E-07		
1,3-Butadiene						9.8E-03					
1,3-dichlorobenzene	2.5E-18					5.8E-08	2.0E-06	7.2E-09	6.6E-07		
1,4-dichlorobenzene	3.3E-17					5.4E-07	2.4E-05	6.8E-08	8.1E-06		
2,4-Dimethylphenol	9.0E-16					8.5E-06	3.4E-04	1.1E-06	1.1E-04		
2-Chlorophenol	4.6E-17					1.7E-06	7.4E-05	2.1E-07	2.5E-05		
2-Methylphenol	1.9E-14					2.0E-05	8.4E-04	2.5E-06	2.8E-04		
2-Nitrophenol	1.1E-16					2.7E-06	1.1E-04	3.4E-07	3.7E-05		
3-Methylphenol & 4-Methylphenol				2.6E-10	1.1E-08	3.6E-05	1.5E-03	4.5E-06	5.0E-04	1.3E-11	1.2E-09
4-Nitrophenol	2.3E-16					4.5E-06	1.7E-04	5.6E-07	5.8E-05		
Acetophenone	1.4E-15					4.2E-05	1.7E-03	5.3E-06	5.8E-04		
Benzoic acid	5.7E-15					1.9E-04	8.0E-03	2.4E-05	2.7E-03		
Benzyl alcohol	3.5E-18					1.6E-06	4.9E-05	2.0E-07	1.6E-05		
bis(2-Ethylhexyl) phthalate	2.5E-13	4.2E-10	7.6E-09	5.0E-10	1.8E-08	6.8E-05	2.6E-03	8.5E-06	8.8E-04	2.5E-11	1.9E-09
Butyl benzyl phthalate	6.5E-14	6.7E-13	1.4E-11	7.9E-13	3.3E-11	2.1E-06	8.9E-05	2.7E-07	3.0E-05	3.9E-14	3.5E-12
Carbazole				1.0E-12	1.9E-11	6.0E-08	1.1E-06	7.5E-09	3.6E-07	4.9E-14	2.0E-12
Dibenzofuran		6.6E-12	1.3E-10	2.6E-11	1.0E-09	3.4E-06	1.4E-04	4.3E-07	4.7E-05	1.1E-08	9.8E-07
Dimethyl phthalate	2.3E-17					1.2E-07	2.1E-06	1.5E-08	7.1E-07		
Di-n-butyl phthalate	6.0E-13	2.1E-13	4.2E-12	2.4E-13	1.0E-11	3.3E-06	1.4E-04	4.1E-07	4.5E-05	1.2E-14	1.1E-12
Di-n-octyl phthalate	6.6E-18	4.9E-13	4.5E-12	5.7E-13	1.1E-11	2.3E-07	4.1E-06	2.9E-08	1.4E-06	2.8E-14	1.1E-12

Table H-63 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	2.4E-15					1.6E-05	2.8E-04	2.0E-06	9.4E-05		
Isopropanol						1.1E+00					
Phenol	5.3E-14					1.1E-04	4.5E-03	1.3E-05	1.5E-03		
Pyridine	2.7E-15					1.0E-05	4.2E-04	1.3E-06	1.4E-04		
TRS											
Total Reduced Sulfur						1.0E-04	4.5E-03	1.3E-05	1.5E-03		
VOCs											
1,1,1,2-Tetrachloroethane	9.6E-19					4.8E-08	1.6E-06	6.0E-09	5.4E-07		
1,1,1-Trichloroethane	6.3E-20					4.7E-08	1.8E-06	5.9E-09	5.9E-07		
1,1-Dichloroethene	2.1E-21					9.3E-09	1.7E-07	1.2E-09	5.5E-08		
1,2,3-Trichlorobenzene	6.7E-17					1.9E-07	7.1E-06	2.4E-08	2.4E-06		
1,2,3-Trichloropropane	3.9E-19					3.9E-08	6.9E-07	4.8E-09	2.3E-07		
1,2,4-Trimethylbenzene						2.2E-06	7.1E-05	2.8E-07	2.4E-05		
1,2-Dibromoethane	1.3E-19					2.5E-08	4.4E-07	3.1E-09	1.5E-07		
1,2-Dichloroethane	4.2E-18					9.9E-07	3.7E-05	3.6E-04	1.2E-05		
1,3,5-Trimethylbenzene	2.2E-17					2.1E-06	6.2E-05	2.6E-07	2.1E-05		
1,3-Dichloropropane						2.4E-08	4.3E-07	3.0E-09	1.4E-07		
2-Butanone	8.7E-16					1.2E-05	4.7E-04	1.5E-06	1.6E-04		
2-Chlorotoluene						5.3E-07	2.2E-05	6.6E-08	7.2E-06		
2-Hexanone						2.4E-06	8.8E-05	3.0E-07	2.9E-05		
Benzene	7.0E-16					3.9E-02	1.2E-02	3.5E-03	4.1E-03		
Bromobenzene						1.3E-05	2.4E-04	1.7E-06	7.9E-05		
Bromochloromethane						3.1E-08	5.6E-07	3.9E-09	1.9E-07		
Bromodichloromethane	1.1E-19					3.4E-08	6.1E-07	4.3E-09	2.0E-07		

Table H-63 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromomethane	4.8E-19					1.4E-06	4.1E-05	1.7E-07	1.4E-05		
Carbon disulfide	4.5E-19					1.2E-06	3.5E-05	1.5E-07	1.2E-05		
Carbon tetrachloride	4.8E-20					5.0E-02	1.4E-06	5.5E-03	4.6E-07		
Chlorobenzene	1.7E-17					1.7E-06	6.1E-05	2.1E-07	2.0E-05		
Chlorodibromomethane	6.5E-18					8.5E-07	1.5E-05	1.1E-07	5.0E-06		
Chloroethane	1.3E-18					3.3E-06	1.1E-04	4.1E-07	3.8E-05		
Chloroform	1.0E-18					1.1E-02	1.4E-05	8.6E-04	4.5E-06		
Chloromethane	3.5E-18					1.1E-05	3.3E-04	1.4E-06	1.1E-04		
cis-1,2-Dichloroethene	1.4E-18					1.4E-06	2.5E-05	1.8E-07	8.4E-06		
cis-1,3-Dichloropropene						8.7E-09	1.6E-07	1.1E-09	5.2E-08		
Dibromomethane	1.5E-19					7.3E-08	1.3E-06	9.1E-09	4.3E-07		
Dichlorodifluoromethane	1.7E-21					8.9E-08	1.6E-06	1.1E-08	5.3E-07		
Ethylbenzene	5.3E-16					1.9E-02	2.6E-03	8.7E-06	8.8E-04		
Isopropylbenzene	7.0E-19					5.6E-06	1.9E-04	7.0E-07	6.4E-05		
m&p-Xylene	8.4E-17					1.3E-05	4.4E-04	1.6E-06	1.5E-04		
Methyl Isobutyl Ketone (4-methyl-2-per	8.6E-19					1.3E-07	2.3E-06	1.6E-08	7.6E-07		
Methylene chloride	9.3E-18					6.4E-06	2.4E-04	8.1E-07	7.9E-05		
n-Butylbenzene						2.8E-06	8.3E-05	3.5E-07	2.8E-05		
n-Propylbenzene						3.3E-06	1.1E-04	4.2E-07	3.7E-05		
o-Xylene	9.9E-17					8.2E-06	2.7E-04	1.0E-06	9.1E-05		
p-Chlorotoluene						2.0E-07	6.0E-06	2.5E-08	2.0E-06		
p-Isopropyltoluene						1.4E-06	3.3E-05	1.7E-07	1.1E-05		
sec-Butylbenzene						5.1E-07	1.5E-05	6.4E-08	5.1E-06		
Styrene	3.3E-15					1.8E-04	6.7E-03	2.3E-05	2.2E-03		

Table H-63 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
tert-Butylbenzene						1.6E-05	2.9E-04	2.0E-06	9.7E-05		
Tetrachloroethene	2.4E-19					4.3E-08	1.5E-06	5.4E-09	5.0E-07		
Toluene	5.6E-16					1.1E-04	4.4E-03	1.4E-05	1.5E-03		
trans-1,2-Dichloroethene	2.1E-17					3.0E-05	5.4E-04	3.8E-06	1.8E-04		
trans-1,3-Dichloropropene						1.5E-08	2.7E-07	1.9E-09	9.0E-08		
Trichloroethene	2.4E-21					1.3E-02	4.6E-08	3.2E-10	1.5E-08		
Trichlorofluoromethane	3.7E-21					3.1E-08	5.6E-07	3.9E-09	1.9E-07		
Vinyl chloride	1.7E-19					1.1E-03	4.3E-05	2.2E-07	1.4E-05		

Table H-64 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	3.0E-05	1.0E-07	9.9E-06		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	5.2E-05	1.8E-07	1.7E-05		
Formaldehyde	4.5E-13					6.2E-07	2.0E-05	7.7E-08	6.8E-06		
Propionaldehyde				2.2E-15	7.2E-14	1.6E-07	5.8E-06	2.0E-08	1.9E-06	1.7E-14	1.2E-12
CO											
Carbon monoxide						4.5E-05	1.7E-03	5.6E-06	5.6E-04		
CO2											
Carbon dioxide						1.4E-06	5.0E-05	1.8E-07	1.7E-05		
Criteria											
Sulfur Dioxide						3.8E-07	1.2E-05	4.7E-08	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	2.6E-14	5.5E-15	2.1E-13	8.5E-13	3.4E-11	1.1E-13	1.1E-11	2.7E-19	2.2E-17
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.6E-14	5.5E-15	2.1E-13	8.6E-13	3.4E-11	1.1E-13	1.1E-11	2.7E-19	2.2E-17
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	3.1E-15	6.4E-16	2.5E-14	1.1E-13	4.4E-12	1.4E-14	1.5E-12	3.1E-20	2.7E-18
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	3.0E-15	6.2E-16	2.4E-14	1.0E-13	4.1E-12	1.3E-14	1.4E-12	3.1E-20	2.6E-18
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	2.4E-14	4.9E-15	1.9E-13	8.3E-13	3.3E-11	1.0E-13	1.1E-11	2.4E-19	2.1E-17
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	6.2E-15	1.3E-15	4.9E-14	2.1E-13	8.7E-12	2.7E-14	2.9E-12	6.2E-20	5.3E-18
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	8.0E-15	1.6E-15	6.3E-14	2.7E-13	1.1E-11	3.4E-14	3.6E-12	7.9E-20	6.8E-18
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	9.8E-15	2.0E-15	7.7E-14	3.2E-13	1.3E-11	4.1E-14	4.4E-12	9.8E-20	8.3E-18
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	5.8E-16	1.2E-16	4.5E-15	2.1E-14	8.4E-13	2.6E-15	2.8E-13	5.7E-21	4.9E-19
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	3.5E-15	7.0E-16	2.8E-14	1.3E-13	5.3E-12	1.6E-14	1.8E-12	3.5E-20	3.0E-18
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	4.1E-15	8.3E-16	3.3E-14	1.8E-13	7.5E-12	2.3E-14	2.5E-12	4.0E-20	3.5E-18

Table H-64 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	1.2E-14	2.5E-15	9.5E-14	4.2E-13	1.7E-11	5.2E-14	5.6E-12	1.2E-19	1.0E-17
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	9.9E-15	2.0E-15	7.8E-14	4.1E-13	1.7E-11	5.2E-14	5.6E-12	9.7E-20	8.4E-18
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.2E-16	1.4E-16	4.1E-15	5.2E-14	1.7E-12	6.5E-15	5.8E-13	4.9E-18	3.1E-16
2,3,7,8-TCDF	8.0E-18	6.6E-17	1.3E-15	2.6E-16	1.0E-14	1.9E-13	7.8E-12	2.4E-14	2.6E-12	1.3E-20	1.1E-18
OCDD	1.8E-20	9.4E-16	1.7E-14	3.7E-15	1.4E-13	5.6E-13	2.2E-11	7.0E-14	7.4E-12	1.8E-19	1.5E-17
OCDF	6.7E-21	3.6E-16	6.5E-15	1.4E-15	5.1E-14	2.1E-13	8.2E-12	2.6E-14	2.7E-12	7.0E-20	5.5E-18
HCN											
Hydrogen cyanide						1.6E-07	6.2E-06	2.0E-08	2.1E-06		
Metals											
Aluminum				9.4E-03						4.6E-07	
Antimony	1.6E-17			4.3E-07		1.0E-08	2.6E-07	1.3E-09	8.6E-08	2.1E-11	
Arsenic	8.1E-16	2.0E-07	4.8E-17	4.6E-07	2.3E-16	5.9E-10	2.1E-08	7.4E-11	7.0E-09	3.8E-11	4.1E-20
Barium	2.3E-12			3.1E-09	1.1E-07	1.3E-07	3.4E-06	1.6E-08	1.1E-06	1.5E-13	1.2E-11
Beryllium	3.3E-17			1.0E-15	3.9E-14	4.3E-11	1.5E-09	5.4E-12	4.8E-10	5.1E-20	4.3E-18
Cadmium	8.3E-15			8.2E-16	3.1E-14	7.6E-10	2.6E-08	9.5E-11	8.8E-09	4.0E-20	3.4E-18
Chromium	2.6E-15			8.3E-11	3.2E-09	6.5E-09	2.3E-07	8.1E-10	7.7E-08	4.1E-15	3.5E-13
Cobalt				1.8E-05	1.0E-08	9.8E-09	1.8E-07	1.2E-09	6.0E-08	8.8E-10	1.1E-12
Copper				3.4E-10	1.3E-08	1.8E-08	6.1E-07	2.2E-09	2.0E-07	1.6E-14	1.4E-12
Iron				1.7E-02						8.4E-07	
Lead	6.9E-18			8.6E-05	3.8E-12	6.0E-09	2.0E-07	7.5E-10	6.5E-08	4.2E-09	4.1E-16
Manganese				8.0E-13	3.1E-11	5.5E-09	1.9E-07	6.8E-10	6.3E-08	3.9E-17	3.3E-15
Mercury (+2)				3.4E-14	1.1E-12	2.4E-11	8.3E-10	2.9E-12	2.8E-10	1.7E-18	1.1E-16
Mercury, elemental				2.3E-08		9.8E-14	3.5E-12	1.2E-14	1.2E-12	4.3E-08	
Methyl Mercury	8.7E-15			2.0E-15	7.9E-14					1.0E-19	8.5E-18

Table H-64 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			4.0E-04	1.6E-13	3.5E-09	1.2E-07	4.3E-10	4.0E-08	2.0E-08	1.7E-17
Phosphorus				7.5E-15	2.8E-13	2.6E-08	8.6E-07	3.3E-09	2.9E-07	7.2E-14	5.9E-12
Selenium	2.8E-16			4.0E-17	1.6E-15	1.7E-10	6.1E-09	2.2E-11	2.0E-09	2.0E-21	1.7E-19
Silver	2.1E-16			8.4E-13	3.1E-11	1.1E-10	3.7E-09	1.4E-11	1.2E-09	4.1E-17	3.4E-15
Titanium				8.0E-15	3.2E-13	6.1E-11	2.3E-09	7.6E-12	7.6E-10	3.9E-19	3.5E-17
Zinc	4.1E-12			1.8E-13	6.5E-12	1.4E-07	3.9E-06	1.7E-08	1.3E-06	9.0E-18	7.0E-16
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	5.2E-05	2.0E-07	1.7E-05		
PAHs											
1-Methylnaphthalene		2.4E-16	4.9E-15	2.2E-16	8.9E-15	3.3E-08	1.4E-06	4.1E-09	4.6E-07	2.5E-16	2.2E-14
1-Methylphenanthrene				1.5E-13	6.0E-12	3.9E-09	1.7E-07	4.9E-10	5.5E-08	7.1E-18	6.5E-16
2,3,5-Trimethylnaphthalene				6.8E-14	3.0E-12	1.9E-09	8.4E-08	2.4E-10	2.8E-08	3.3E-18	3.2E-16
2,6-Dimethylnaphthalene				1.9E-13	7.9E-12	5.1E-09	2.2E-07	6.4E-10	7.3E-08	9.1E-18	8.5E-16
2-Methylnaphthalene		2.3E-16	4.7E-15	2.1E-16	8.6E-15	3.2E-08	1.3E-06	4.0E-09	4.4E-07	2.4E-16	2.2E-14
Acenaphthylene				6.0E-13	2.5E-11	1.9E-08	8.0E-07	2.4E-09	2.7E-07	2.9E-17	2.7E-15
Acenaphthene	3.4E-15					3.5E-09	1.4E-07	4.3E-10	4.8E-08		
Anthracene	4.3E-14					6.1E-09	2.6E-07	7.6E-10	8.6E-08		
Benzo(a)anthracene	6.2E-12	9.0E-06	4.4E-11	8.1E-06	8.0E-11	3.0E-09	1.3E-07	3.7E-10	4.3E-08	1.2E-07	2.7E-12
Benzo(a)pyrene	3.1E-12	7.5E-06	1.8E-11	6.8E-06	3.3E-11	1.2E-09	4.9E-08	1.5E-10	1.6E-08	3.4E-10	3.6E-15
Benzo(b)fluoranthene	8.3E-13	1.2E-05	1.0E-12	1.1E-05	1.8E-12	1.3E-09	5.3E-08	1.6E-10	1.8E-08	5.5E-10	2.0E-16
Benzo(e)pyrene				3.4E-14	1.3E-12	1.0E-09	4.1E-08	1.3E-10	1.4E-08	1.7E-18	1.4E-16
Benzo(g,h,i)perylene				2.5E-14	1.0E-12	7.7E-10	3.2E-08	9.6E-11	1.1E-08	1.2E-18	1.1E-16
Benzo(k)fluoranthene	7.4E-15	6.6E-06	6.4E-13	6.0E-06	1.2E-12	1.2E-11	2.1E-10	1.5E-12	6.9E-11	2.9E-10	1.3E-16
Biphenyl				3.3E-15	1.4E-13	1.1E-07	4.7E-06	1.4E-08	1.6E-06	2.0E-15	1.8E-13

Table H-64 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	1.1E-12	9.4E-06	5.5E-11	8.6E-06	9.9E-11	5.1E-09	2.1E-07	6.4E-10	7.1E-08	4.2E-10	1.1E-14
Dibenze(a,h)anthracene	1.6E-13	1.5E-06	6.7E-12	1.3E-06	1.2E-11	1.9E-10	7.6E-09	2.3E-11	2.5E-09	6.5E-11	1.3E-15
Fluoranthene	2.8E-13	6.7E-14	1.4E-12	6.1E-14	2.5E-12	7.5E-09	3.1E-07	9.4E-10	1.0E-07	3.0E-18	2.7E-16
Fluorene	6.1E-14					1.9E-08	7.9E-07	2.3E-09	2.6E-07		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.9E-06	1.8E-11	1.8E-06	3.3E-11	6.2E-10	2.5E-08	7.7E-11	8.5E-09	8.6E-11	3.6E-15
Napthalene	2.8E-14	1.9E-07		1.7E-07		1.5E-07	6.2E-06	1.9E-08	2.1E-06	2.5E-07	
Perylene				1.3E-14	6.2E-13	4.6E-10	2.0E-08	5.8E-11	6.8E-09	6.5E-19	6.6E-17
Phenanthrene	2.9E-13					3.5E-08	1.5E-06	4.4E-09	4.8E-07		
Pyrene	2.0E-13	2.5E-13	5.1E-12	2.3E-13	9.3E-12	7.3E-09	3.0E-07	9.1E-10	1.0E-07	6.4E-15	5.8E-13
Particulate											
Particulate Total Suspended Particulate				3.0E-09	1.2E-07	2.3E-05	9.0E-04	2.9E-06	3.0E-04	1.5E-13	1.3E-11
PM<10				3.8E-09	1.6E-07	3.1E-05	1.2E-03	3.9E-06	4.0E-04	1.9E-13	1.7E-11
PM<2.5				3.2E-09	1.3E-07	2.6E-05	1.0E-03	3.3E-06	3.5E-04	1.6E-13	1.4E-11
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	1.3E-14	5.5E-16	2.2E-14	9.3E-11	3.8E-09	1.2E-11	1.3E-09	5.1E-17	4.5E-15
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.4E-15	6.3E-17	2.4E-15	1.3E-12	5.1E-11	1.6E-13	1.7E-11	3.2E-18	2.7E-16
Hexachlorobiphenyl	9.3E-16	3.4E-16	6.1E-15	2.9E-16	1.0E-14	5.3E-12	2.1E-10	6.7E-13	6.9E-11	1.5E-17	1.1E-15
Monochlorobiphenyl	4.3E-14	4.5E-15	9.0E-14	3.8E-15	1.5E-13	6.5E-10	2.7E-08	8.1E-11	8.9E-09	3.5E-16	3.1E-14
Nonachlorobiphenyl	2.9E-17	1.3E-17	2.1E-16	1.1E-17	3.5E-16	1.8E-13	6.4E-12	2.2E-14	2.1E-12	5.7E-19	3.9E-17
Octachlorobiphenyl	6.8E-17	2.4E-17	4.4E-16	2.0E-17	7.5E-16	3.9E-13	1.5E-11	4.9E-14	5.1E-12	1.0E-18	8.4E-17
Pentachlorobiphenyl	3.1E-15	1.2E-15	2.1E-14	1.0E-15	3.5E-14	1.8E-11	6.9E-10	2.3E-12	2.3E-10	5.2E-17	3.9E-15
Tetrachlorobiphenyl	1.8E-15	2.5E-16	4.2E-15	2.1E-16	7.1E-15	3.0E-11	1.1E-09	3.8E-12	3.8E-10	2.0E-17	1.5E-15
Trichlorobiphenyl	2.4E-15	3.0E-16	5.3E-15	2.5E-16	9.0E-15	3.8E-11	1.5E-09	4.8E-12	4.9E-10	2.3E-17	1.8E-15
Pesticides											

Table H-64 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
DDE				6.4E-07						2.0E-08	
Dieldrin		6.2E-08		7.3E-08						3.6E-12	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	8.7E-09	3.4E-11	2.9E-09		
1,2-dichlorobenzene	2.8E-18					1.1E-10	1.9E-09	1.4E-11	6.5E-10		
1,3-Butadiene						2.7E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	5.5E-09	2.0E-11	1.8E-09		
1,4-dichlorobenzene	9.2E-17					1.5E-09	6.8E-08	1.9E-10	2.3E-08		
2,4-Dimethylphenol	2.5E-15					2.4E-08	9.5E-07	3.0E-09	3.2E-07		
2-Chlorophenol	1.3E-16					4.7E-09	2.1E-07	5.9E-10	6.9E-08		
2-Methylphenol	5.3E-14					5.6E-08	2.3E-06	7.0E-09	7.8E-07		
2-Nitrophenol	3.2E-16					7.6E-09	3.1E-07	9.4E-10	1.0E-07		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.5E-10	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.8E-16	1.7E-14
4-Nitrophenol	6.5E-16					1.3E-08	4.8E-07	1.6E-09	1.6E-07		
Acetophenone	3.9E-15					1.2E-07	4.9E-06	1.5E-08	1.6E-06		
Benzoic acid	1.6E-14					5.4E-07	2.2E-05	6.7E-08	7.5E-06		
Benzyl alcohol	9.8E-18					4.5E-09	1.4E-07	5.6E-10	4.5E-08		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	1.2E-10	8.0E-12	2.9E-10	1.9E-07	7.4E-06	2.4E-08	2.5E-06	3.9E-16	3.1E-14
Butyl benzyl phthalate	1.8E-13	3.3E-15	6.6E-14	3.8E-15	1.6E-13	6.0E-09	2.5E-07	7.5E-10	8.3E-08	1.9E-19	1.7E-17
Carbazole				1.4E-14	2.6E-13	1.7E-10	3.0E-09	2.1E-11	1.0E-09	6.9E-19	2.8E-17
Dibenzofuran		1.4E-16	2.9E-15	5.7E-16	2.3E-14	9.5E-09	3.9E-07	1.2E-09	1.3E-07	2.4E-16	2.1E-14
Dimethyl phthalate	6.5E-17					3.3E-10	5.9E-09	4.2E-11	2.0E-09		
Di-n-butyl phthalate	1.7E-12	3.3E-15	6.7E-14	3.9E-15	1.6E-13	9.2E-09	3.8E-07	1.1E-09	1.3E-07	1.9E-19	1.7E-17
Di-n-octyl phthalate	1.3E-17	9.4E-15	8.7E-14	1.1E-14	2.1E-13	6.4E-10	1.1E-08	8.0E-11	3.8E-09	5.5E-19	2.2E-17

Table H-64 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	7.9E-07	5.5E-09	2.6E-07		
Isopropanol						3.2E-03					
Phenol	1.5E-13					3.0E-07	1.2E-05	3.8E-08	4.2E-06		
Pyridine	7.7E-15					2.9E-08	1.2E-06	3.6E-09	4.0E-07		
TRS											
Total Reduced Sulfur						2.9E-07	1.3E-05	3.6E-08	4.2E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	4.6E-09	1.7E-11	1.5E-09		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	5.0E-09	1.7E-11	1.7E-09		
1,1-Dichloroethene	6.0E-21					2.6E-11	4.6E-10	3.2E-12	1.5E-10		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	2.0E-08	6.7E-11	6.6E-09		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	1.9E-09	1.4E-11	6.4E-10		
1,2,4-Trimethylbenzene						6.2E-09	2.0E-07	7.8E-10	6.6E-08		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.2E-09	8.6E-12	4.1E-10		
1,2-Dichloroethane	1.2E-17					2.8E-09	1.0E-07	1.0E-06	3.5E-08		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.7E-07	7.3E-10	5.8E-08		
1,3-Dichloropropane						6.7E-11	1.2E-09	8.4E-12	4.0E-10		
2-Butanone	2.4E-15					3.3E-08	1.3E-06	4.1E-09	4.4E-07		
2-Chlorotoluene						1.5E-09	6.1E-08	1.8E-10	2.0E-08		
2-Hexanone						6.8E-09	2.5E-07	8.4E-10	8.2E-08		
Benzene	2.0E-15					1.1E-04	3.4E-05	9.7E-06	1.1E-05		
Bromobenzene						3.7E-08	6.6E-07	4.7E-09	2.2E-07		
Bromochloromethane						8.8E-11	1.6E-09	1.1E-11	5.2E-10		
Bromodichloromethane	3.1E-19					9.5E-11	1.7E-09	1.2E-11	5.7E-10		

Table H-64 (Average Daily Dose)

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Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	1.1E-07	4.8E-10	3.8E-08		
Carbon disulfide	1.3E-18					3.3E-09	9.8E-08	4.2E-10	3.3E-08		
Carbon tetrachloride	1.3E-19					1.4E-04	3.9E-09	1.5E-05	1.3E-09		
Chlorobenzene	4.7E-17					4.8E-09	1.7E-07	6.0E-10	5.7E-08		
Chlorodibromomethane	1.8E-17					2.4E-09	4.2E-08	3.0E-10	1.4E-08		
Chloroethane	3.7E-18					9.1E-09	3.2E-07	1.1E-09	1.1E-07		
Chloroform	2.8E-18					3.2E-05	3.8E-08	2.4E-06	1.3E-08		
Chloromethane	9.8E-18					3.1E-08	9.4E-07	3.9E-09	3.1E-07		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	7.1E-08	5.0E-10	2.4E-08		
cis-1,3-Dichloropropene						2.4E-11	4.3E-10	3.0E-12	1.4E-10		
Dibromomethane	4.2E-19					2.0E-10	3.6E-09	2.5E-11	1.2E-09		
Dichlorodifluoromethane	4.7E-21					2.5E-10	4.4E-09	3.1E-11	1.5E-09		
Ethylbenzene	1.5E-15					5.3E-05	7.4E-06	2.4E-08	2.5E-06		
Isopropylbenzene	2.0E-18					1.6E-08	5.4E-07	2.0E-09	1.8E-07		
m&p-Xylene	2.4E-16					3.6E-08	1.2E-06	4.6E-09	4.1E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	6.4E-09	4.5E-11	2.1E-09		
Methylene chloride	2.6E-17					1.8E-08	6.6E-07	2.3E-09	2.2E-07		
n-Butylbenzene						7.8E-09	2.3E-07	9.7E-10	7.7E-08		
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07		
o-Xylene	2.8E-16					2.3E-08	7.6E-07	2.9E-09	2.5E-07		
p-Chlorotoluene						5.5E-10	1.7E-08	6.9E-11	5.6E-09		
p-Isopropyltoluene						3.8E-09	9.2E-08	4.8E-10	3.1E-08		
sec-Butylbenzene						1.4E-09	4.3E-08	1.8E-10	1.4E-08		
Styrene	9.4E-15					5.1E-07	1.9E-05	6.4E-08	6.2E-06		

Table H-64 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)
tert-Butylbenzene						4.6E-08	8.1E-07	5.7E-09	2.7E-07			
Tetrachloroethene	6.6E-19					1.2E-10	4.2E-09	1.5E-11	1.4E-09			
Toluene	1.6E-15					3.2E-07	1.2E-05	3.9E-08	4.1E-06			
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	1.5E-06	1.1E-08	5.0E-07			
trans-1,3-Dichloropropene						4.2E-11	7.5E-10	5.3E-12	2.5E-10			
Trichloroethene	6.8E-21					3.7E-05	1.3E-10	9.1E-13	4.3E-11			
Trichlorofluoromethane	1.0E-20					8.7E-11	1.6E-09	1.1E-11	5.2E-10			
Vinyl chloride	4.8E-19					3.0E-06	1.2E-07	6.2E-10	4.0E-08			

Table H-65 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			3.0E-04	3.7E-05	
Aldehydes					
Acetaldehyde			5.2E-04	6.5E-05	
Formaldehyde			2.2E-04	2.7E-05	
Propionaldehyde		5.5E-10	5.7E-05	7.1E-06	4.1E-06
CO					
Carbon monoxide			1.6E-02	2.0E-03	
CO2					
Carbon dioxide			5.0E-04	6.3E-05	
Criteria					
Sulfur Dioxide			1.4E-04	1.7E-05	
DIOXINS					
1,2,3,4,6,7,8-HpCDD			3.0E-10	3.8E-11	
1,2,3,4,6,7,8-HpCDF			3.1E-10	3.8E-11	
1,2,3,4,7,8,9-HpCDF			3.9E-11	4.8E-12	
1,2,3,4,7,8-HxCDD			3.6E-11	4.5E-12	
1,2,3,4,7,8-HxCDF			3.0E-10	3.7E-11	
1,2,3,6,7,8-HxCDD			7.6E-11	9.6E-12	
1,2,3,6,7,8-HxCDF			9.6E-11	1.2E-11	
1,2,3,7,8,9-HxCDD			1.2E-10	1.4E-11	
1,2,3,7,8,9-HxCDF			7.4E-12	9.2E-13	

Table H-65 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD			4.6E-11	5.8E-12	
1,2,3,7,8-PeCDF			6.6E-11	8.2E-12	
2,3,4,6,7,8-HxCDF			1.5E-10	1.9E-11	
2,3,4,7,8-PeCDF			1.5E-10	1.8E-11	
2,3,7,8-TCDD			1.9E-11	2.3E-12	
2,3,7,8-TCDF			6.8E-11	8.5E-12	
OCDD			2.0E-10	2.5E-11	
OCDF			7.5E-11	9.4E-12	
HCN					
Hydrogen cyanide			5.7E-05	7.1E-06	
Metals					
Aluminum		3.9E-03			1.9E-04
Antimony		9.1E-08	3.7E-06	4.7E-07	4.5E-09
Arsenic	2.1E-07	5.0E-07	2.1E-07	2.7E-08	4.1E-08
Barium			4.5E-05	5.6E-06	
Beryllium		4.6E-13	1.5E-08	1.9E-09	2.2E-14
Cadmium		7.8E-12	2.7E-07	3.4E-08	3.8E-13
Chromium			2.3E-06	2.9E-07	
Cobalt		1.1E-05	3.5E-06	4.4E-07	5.5E-07
Copper			6.3E-06	7.9E-07	
Iron		9.1E-03			4.4E-04
Lead		3.2E-05	2.1E-06	2.7E-07	1.6E-06

Table H-65 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		5.7E-11	1.9E-06	2.4E-07	2.8E-12
Mercury (+2)			8.4E-09	1.1E-09	
Mercury, elemental		3.5E-07	3.5E-11	4.4E-12	6.8E-04
Nickel		2.1E-04	1.2E-06	1.5E-07	1.0E-05
Phosphorus		3.0E-10	9.4E-06	1.2E-06	2.9E-06
Selenium		1.8E-12	6.2E-08	7.8E-09	8.9E-14
Silver		1.3E-13	4.1E-08	5.1E-09	6.3E-15
Thallium (Soluble Salts)		9.6E-08			4.7E-09
Titanium		5.7E-13	2.2E-08	2.7E-09	2.8E-14
Zinc		1.7E-09	4.9E-05	6.1E-06	8.4E-11
NOx					
NOx (Oxides of Nitrogen)			5.6E-04	7.0E-05	
PAHs					
1-Methylnaphthalene	9.7E-11	8.8E-11	1.2E-05	1.5E-06	1.0E-07
1-Methylphenanthrene		1.0E-11	1.4E-06	1.8E-07	5.1E-13
2,3,5-Trimethylnaphthalene		4.9E-12	7.0E-07	8.7E-08	2.4E-13
2,6-Dimethylnaphthalene		1.3E-11	1.8E-06	2.3E-07	6.5E-13
2-Methylnaphthalene	9.4E-11	8.5E-11	1.1E-05	1.4E-06	9.8E-08
Acenaphthylene		4.9E-11	6.7E-06	8.4E-07	2.4E-12
Acenaphthene			1.2E-06	1.5E-07	
Anthracene			2.2E-06	2.7E-07	
Benzo(a)anthracene	3.2E-08	2.9E-08	1.1E-06	1.3E-07	4.4E-07

Table H-65 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)pyrene	3.0E-08	2.7E-08	4.2E-07	5.3E-08	1.3E-09
Benzo(b)fluoranthene	4.7E-08	4.3E-08	4.7E-07	5.9E-08	2.1E-09
Benzo(e)pyrene		2.8E-12	3.6E-07	4.5E-08	1.4E-13
Benzo(g,h,i)perylene		2.1E-12	2.7E-07	3.4E-08	1.0E-13
Benzo(k)fluoranthene	2.5E-08	2.3E-08	4.2E-09	5.2E-10	1.1E-09
Biphenyl		2.9E-10	4.0E-05	5.0E-06	1.7E-07
Chrysene	4.0E-08	3.7E-08	1.8E-06	2.3E-07	1.8E-09
Dibenze(a,h)anthracene	7.1E-09	6.4E-09	6.6E-08	8.3E-09	3.1E-10
Fluoranthene	1.8E-13	1.6E-13	2.7E-06	3.3E-07	8.0E-15
Fluorene			6.7E-06	8.4E-07	
Indeno(1,2,3-cd)pyrene	2.0E-08	1.8E-08	2.2E-07	2.7E-08	9.0E-10
Napthalene			5.3E-05	6.6E-06	
Perylene		1.1E-12	1.6E-07	2.1E-08	5.3E-14
Phenanthrene			1.3E-05	1.6E-06	
Pyrene			2.6E-06	3.3E-07	
Particulate					
Particulate Total Suspended Particulate		2.1E-07	8.4E-03	1.0E-03	1.0E-08
PM<10		2.7E-07	1.1E-02	1.4E-03	1.3E-08
PM<2.5		2.3E-07	9.4E-03	1.2E-03	1.1E-08
PCBs					
Dichlorobiphenyl			3.3E-08	4.1E-09	
Heptachlorobiphenyl			4.5E-10	5.7E-11	

Table H-65 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Hexachlorobiphenyl			1.9E-09	2.4E-10	
Monochlorobiphenyl			2.3E-07	2.9E-08	
Nonachlorobiphenyl			6.4E-11	8.0E-12	
Octachlorobiphenyl			1.4E-10	1.7E-11	
Pentachlorobiphenyl			6.5E-09	8.1E-10	
Tetrachlorobiphenyl			1.1E-08	1.3E-09	
Trichlorobiphenyl			1.4E-08	1.7E-09	
Pesticides					
DDE		3.2E-08			1.0E-06
Dieldrin	1.7E-10	2.0E-10			9.7E-12
SVOCs					
1,2,4-trichlorobenzene			9.6E-08	1.2E-08	
1,2-dichlorobenzene			3.9E-08	4.9E-09	
1,3-dichlorobenzene			5.8E-08	7.2E-09	
1,4-dichlorobenzene			5.4E-07	6.8E-08	
1,4-Dioxane			4.6E-02		
2,4-Dimethylphenol			8.5E-06	1.1E-06	
2-Chlorophenol			1.7E-06	2.1E-07	
2-Methylphenol			2.0E-05	2.5E-06	
2-Nitrophenol			2.7E-06	3.4E-07	
3-Methylphenol & 4-Methylphenol		2.6E-10	3.6E-05	4.5E-06	1.3E-11
4-Nitrophenol			4.5E-06	5.6E-07	

Table H-65 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			4.2E-05	5.3E-06	
Benzoic acid			1.9E-04	2.4E-05	
Benzyl alcohol			1.6E-06	2.0E-07	
bis(2-Ethylhexyl) phthalate	4.2E-10	5.0E-10	6.8E-05	8.5E-06	2.5E-11
Butyl benzyl phthalate	6.7E-13	7.9E-13	2.1E-06	2.7E-07	3.9E-14
Carbazole		1.0E-12	6.0E-08	7.5E-09	4.9E-14
Dibenzofuran	6.6E-12	2.6E-11	3.4E-06	4.3E-07	1.1E-08
Dimethyl phthalate			1.2E-07	1.5E-08	
Di-n-butyl phthalate	2.1E-13	2.4E-13	3.3E-06	4.1E-07	1.2E-14
Di-n-octyl phthalate	4.9E-13	5.7E-13	2.3E-07	2.9E-08	2.8E-14
Hexachlorobutadiene			1.6E-05	2.0E-06	
Isopropanol			7.3E-01		
Phenol			1.1E-04	1.3E-05	
Pyridine			1.0E-05	1.3E-06	
TRS					
Total Reduced Sulfur			1.0E-04	1.3E-05	
VOCs					
1,1,1,2-Tetrachloroethane			4.8E-08	6.0E-09	
1,1,1-Trichloroethane			4.7E-08	5.9E-09	
1,1-Dichloroethene			9.3E-09	1.2E-09	
1,2,3-Trichlorobenzene			1.9E-07	2.4E-08	
1,2,3-Trichloropropane			3.9E-08	4.8E-09	

Table H-65 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			2.2E-06	2.8E-07	
1,2-Dibromoethane			2.5E-08	3.1E-09	
1,2-Dichloroethane			9.9E-07	3.6E-04	
1,3,5-Trimethylbenzene			2.1E-06	2.6E-07	
1,3-Dichloropropane			2.4E-08	3.0E-09	
2-Butanone			1.2E-05	1.5E-06	
2-Chlorotoluene			5.3E-07	6.6E-08	
2-Hexanone			2.4E-06	3.0E-07	
Benzene			2.3E-02	3.5E-03	
Bromobenzene			1.3E-05	1.7E-06	
Bromochloromethane			3.1E-08	3.9E-09	
Bromodichloromethane			3.4E-08	4.3E-09	
Bromomethane			1.4E-06	1.7E-07	
Carbon disulfide			1.2E-06	1.5E-07	
Carbon tetrachloride			4.6E-02	5.5E-03	
Chlorobenzene			1.7E-06	2.1E-07	
Chlorodibromomethane			8.5E-07	1.1E-07	
Chloroethane			3.3E-06	4.1E-07	
Chloroform			1.5E-02	8.6E-04	
Chloromethane			1.1E-05	1.4E-06	
cis-1,2-Dichloroethene			1.4E-06	1.8E-07	
cis-1,3-Dichloropropene			8.7E-09	1.1E-09	

Table H-65 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			7.3E-08	9.1E-09	
Dichlorodifluoromethane			8.9E-08	1.1E-08	
Ethylbenzene			1.3E-02	8.7E-06	
Isopropylbenzene			5.6E-06	7.0E-07	
m&p-Xylene			1.3E-05	1.6E-06	
Methyl Isobutyl Ketone (4-methyl-2-penta			1.3E-07	1.6E-08	
Methylene chloride			6.4E-06	8.1E-07	
n-Butylbenzene			2.8E-06	3.5E-07	
n-Propylbenzene			3.3E-06	4.2E-07	
o-Xylene			8.2E-06	1.0E-06	
p-Chlorotoluene			2.0E-07	2.5E-08	
p-Isopropyltoluene			1.4E-06	1.7E-07	
sec-Butylbenzene			5.1E-07	6.4E-08	
Styrene			1.8E-04	2.3E-05	
tert-Butylbenzene			1.6E-05	2.0E-06	
Tetrachloroethene			4.3E-08	5.4E-09	
Toluene			1.1E-04	1.4E-05	
trans-1,2-Dichloroethene			3.0E-05	3.8E-06	
trans-1,3-Dichloropropene			1.5E-08	1.9E-09	
Trichloroethene			3.6E-03	3.2E-10	
Trichlorofluoromethane			3.1E-08	3.9E-09	
Vinyl chloride			5.0E-03	2.2E-07	

Table H-66 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			8.4E-07	1.0E-07	
Aldehydes					
Acetaldehyde			1.4E-06	1.8E-07	
Formaldehyde			6.2E-07	7.7E-08	
Propionaldehyde		2.2E-15	1.6E-07	2.0E-08	1.7E-14
CO					
Carbon monoxide			4.5E-05	5.6E-06	
CO2					
Carbon dioxide			1.4E-06	1.8E-07	
Criteria					
Sulfur Dioxide			3.8E-07	4.7E-08	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	1.4E-15	5.5E-15	8.5E-13	1.1E-13	2.7E-19
1,2,3,4,6,7,8-HpCDF	1.4E-15	5.5E-15	8.6E-13	1.1E-13	2.7E-19
1,2,3,4,7,8,9-HpCDF	1.6E-16	6.4E-16	1.1E-13	1.4E-14	3.1E-20
1,2,3,4,7,8-HxCDD	1.6E-16	6.2E-16	1.0E-13	1.3E-14	3.1E-20
1,2,3,4,7,8-HxCDF	1.3E-15	4.9E-15	8.3E-13	1.0E-13	2.4E-19
1,2,3,6,7,8-HxCDD	3.2E-16	1.3E-15	2.1E-13	2.7E-14	6.2E-20
1,2,3,6,7,8-HxCDF	4.1E-16	1.6E-15	2.7E-13	3.4E-14	7.9E-20
1,2,3,7,8,9-HxCDD	5.1E-16	2.0E-15	3.2E-13	4.1E-14	9.8E-20
1,2,3,7,8,9-HxCDF	2.9E-17	1.2E-16	2.1E-14	2.6E-15	5.7E-21

Table H-66 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	1.8E-16	7.0E-16	1.3E-13	1.6E-14	3.5E-20
1,2,3,7,8-PeCDF	2.1E-16	8.3E-16	1.8E-13	2.3E-14	4.0E-20
2,3,4,6,7,8-HxCDF	6.4E-16	2.5E-15	4.2E-13	5.2E-14	1.2E-19
2,3,4,7,8-PeCDF	5.0E-16	2.0E-15	4.1E-13	5.2E-14	9.7E-20
2,3,7,8-TCDD	3.6E-17	1.4E-16	5.2E-14	6.5E-15	4.9E-18
2,3,7,8-TCDF	6.6E-17	2.6E-16	1.9E-13	2.4E-14	1.3E-20
OCDD	9.4E-16	3.7E-15	5.6E-13	7.0E-14	1.8E-19
OCDF	3.6E-16	1.4E-15	2.1E-13	2.6E-14	7.0E-20
HCN					
Hydrogen cyanide			1.6E-07	2.0E-08	
Metals					
Aluminum		1.1E-02			5.3E-07
Antimony		2.6E-07	1.0E-08	1.3E-09	1.3E-11
Arsenic	6.0E-07	1.4E-06	5.9E-10	7.4E-11	1.2E-10
Barium		3.1E-09	1.3E-07	1.6E-08	1.5E-13
Beryllium		1.0E-15	4.3E-11	5.4E-12	5.1E-20
Cadmium		8.2E-16	7.6E-10	9.5E-11	4.0E-20
Chromium		8.3E-11	6.5E-09	8.1E-10	4.1E-15
Cobalt		3.1E-05	9.8E-09	1.2E-09	1.5E-09
Copper		3.4E-10	1.8E-08	2.2E-09	1.6E-14
Iron		2.5E-02			1.2E-06
Lead		9.0E-05	6.0E-09	7.5E-10	4.4E-09

Table H-66 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		8.0E-13	5.5E-09	6.8E-10	3.9E-17
Mercury (+2)		3.4E-14	2.4E-11	2.9E-12	1.7E-18
Mercury, elemental		9.8E-07	9.8E-14	1.2E-14	1.9E-06
Methyl Mercury		2.0E-15			1.0E-19
Nickel		5.8E-04	3.5E-09	4.3E-10	2.9E-08
Phosphorus		7.5E-15	2.6E-08	3.3E-09	7.2E-14
Selenium		4.0E-17	1.7E-10	2.2E-11	2.0E-21
Silver		8.4E-13	1.1E-10	1.4E-11	4.1E-17
Thallium (Soluble Salts)		2.7E-07			1.3E-11
Titanium		8.0E-15	6.1E-11	7.6E-12	3.9E-19
Zinc		1.8E-13	1.4E-07	1.7E-08	9.0E-18
NOx					
NOx (Oxides of Nitrogen)			1.6E-06	2.0E-07	
PAHs					
1-Methylnaphthalene	2.4E-16	2.2E-16	3.3E-08	4.1E-09	2.5E-16
1-Methylphenanthrene		1.5E-13	3.9E-09	4.9E-10	7.1E-18
2,3,5-Trimethylnaphthalene		6.8E-14	1.9E-09	2.4E-10	3.3E-18
2,6-Dimethylnaphthalene		1.9E-13	5.1E-09	6.4E-10	9.1E-18
2-Methylnaphthalene	2.3E-16	2.1E-16	3.2E-08	4.0E-09	2.4E-16
Acenaphthylene		6.0E-13	1.9E-08	2.4E-09	2.9E-17
Acenaphthene			3.5E-09	4.3E-10	
Anthracene			6.1E-09	7.6E-10	

Table H-66 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)anthracene	9.0E-08	8.1E-08	3.0E-09	3.7E-10	1.2E-09
Benzo(a)pyrene	8.5E-08	7.7E-08	1.2E-09	1.5E-10	3.8E-12
Benzo(b)fluoranthene	1.3E-07	1.2E-07	1.3E-09	1.6E-10	5.9E-12
Benzo(e)pyrene		3.4E-14	1.0E-09	1.3E-10	1.7E-18
Benzo(g,h,i)perylene		2.5E-14	7.7E-10	9.6E-11	1.2E-18
Benzo(k)fluoranthene	7.1E-08	6.4E-08	1.2E-11	1.5E-12	3.1E-12
Biphenyl		3.3E-15	1.1E-07	1.4E-08	2.0E-15
Chrysene	1.1E-07	1.0E-07	5.1E-09	6.4E-10	5.0E-12
Dibenzo(a,h)anthracene	2.0E-08	1.8E-08	1.9E-10	2.3E-11	8.8E-13
Fluoranthene	6.7E-14	6.1E-14	7.5E-09	9.4E-10	3.0E-18
Fluorene			1.9E-08	2.3E-09	
Indeno(1,2,3-cd)pyrene	5.7E-08	5.1E-08	6.2E-10	7.7E-11	2.5E-12
Napthalene			1.5E-07	1.9E-08	
Perylene		1.3E-14	4.6E-10	5.8E-11	6.5E-19
Phenanthrene			3.5E-08	4.4E-09	
Pyrene	2.5E-13	2.3E-13	7.3E-09	9.1E-10	6.4E-15
Particulate					
Particulate Total Suspended Particulate		3.0E-09	2.3E-05	2.9E-06	1.5E-13
PM<10		3.8E-09	3.1E-05	3.9E-06	1.9E-13
PM<2.5		3.2E-09	2.6E-05	3.3E-06	1.6E-13
PCBs					
Dichlorobiphenyl	6.5E-16	5.5E-16	9.3E-11	1.2E-11	5.1E-17

Table H-66 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Heptachlorobiphenyl	7.5E-17	6.3E-17	1.3E-12	1.6E-13	3.2E-18
Hexachlorobiphenyl	3.4E-16	2.9E-16	5.3E-12	6.7E-13	1.5E-17
Monochlorobiphenyl	4.5E-15	3.8E-15	6.5E-10	8.1E-11	3.5E-16
Nonachlorobiphenyl	1.3E-17	1.1E-17	1.8E-13	2.2E-14	5.7E-19
Octachlorobiphenyl	2.4E-17	2.0E-17	3.9E-13	4.9E-14	1.0E-18
Pentachlorobiphenyl	1.2E-15	1.0E-15	1.8E-11	2.3E-12	5.2E-17
Tetrachlorobiphenyl	2.5E-16	2.1E-16	3.0E-11	3.8E-12	2.0E-17
Trichlorobiphenyl	3.0E-16	2.5E-16	3.8E-11	4.8E-12	2.3E-17
Pesticides					
DDE		9.0E-08			2.9E-09
Dieldrin	4.7E-10	5.6E-10			2.7E-14
SVOCs					
1,2,4-trichlorobenzene			2.7E-10	3.4E-11	
1,2-dichlorobenzene			1.1E-10	1.4E-11	
1,3-dichlorobenzene			1.6E-10	2.0E-11	
1,4-dichlorobenzene			1.5E-09	1.9E-10	
1,4-Dioxane			1.3E-04		
2,4-Dimethylphenol			2.4E-08	3.0E-09	
2-Chlorophenol			4.7E-09	5.9E-10	
2-Methylphenol			5.6E-08	7.0E-09	
2-Nitrophenol			7.6E-09	9.4E-10	
3-Methylphenol & 4-Methylphenol		3.7E-12	1.0E-07	1.3E-08	1.8E-16

Table H-66 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
4-Nitrophenol			1.3E-08	1.6E-09	
Acetophenone			1.2E-07	1.5E-08	
Benzoic acid			5.4E-07	6.7E-08	
Benzyl alcohol			4.5E-09	5.6E-10	
bis(2-Ethylhexyl) phthalate	6.7E-12	8.0E-12	1.9E-07	2.4E-08	3.9E-16
Butyl benzyl phthalate	3.3E-15	3.8E-15	6.0E-09	7.5E-10	1.9E-19
Carbazole		1.4E-14	1.7E-10	2.1E-11	6.9E-19
Dibenzofuran	1.4E-16	5.7E-16	9.5E-09	1.2E-09	2.4E-16
Dimethyl phthalate			3.3E-10	4.2E-11	
Di-n-butyl phthalate	3.3E-15	3.9E-15	9.2E-09	1.1E-09	1.9E-19
Di-n-octyl phthalate	9.4E-15	1.1E-14	6.4E-10	8.0E-11	5.5E-19
Hexachlorobutadiene			4.4E-08	5.5E-09	
Isopropanol			2.0E-03		
Phenol			3.0E-07	3.8E-08	
Pyridine			2.9E-08	3.6E-09	
TRS					
Total Reduced Sulfur			2.9E-07	3.6E-08	
VOCs					
1,1,1,2-Tetrachloroethane			1.3E-10	1.7E-11	
1,1,1-Trichloroethane			1.3E-10	1.7E-11	
1,1-Dichloroethene			2.6E-11	3.2E-12	
1,2,3-Trichlorobenzene			5.3E-10	6.7E-11	

Table H-66 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3-Trichloropropane			1.1E-10	1.4E-11	
1,2,4-Trimethylbenzene			6.2E-09	7.8E-10	
1,2-Dibromoethane			6.9E-11	8.6E-12	
1,2-Dichloroethane			2.8E-09	1.0E-06	
1,3,5-Trimethylbenzene			5.9E-09	7.3E-10	
1,3-Dichloropropane			6.7E-11	8.4E-12	
2-Butanone			3.3E-08	4.1E-09	
2-Chlorotoluene			1.5E-09	1.8E-10	
2-Hexanone			6.8E-09	8.4E-10	
Benzene			6.4E-05	9.7E-06	
Bromobenzene			3.7E-08	4.7E-09	
Bromochloromethane			8.8E-11	1.1E-11	
Bromodichloromethane			9.5E-11	1.2E-11	
Bromomethane			3.8E-09	4.8E-10	
Carbon disulfide			3.3E-09	4.2E-10	
Carbon tetrachloride			1.3E-04	1.5E-05	
Chlorobenzene			4.8E-09	6.0E-10	
Chlorodibromomethane			2.4E-09	3.0E-10	
Chloroethane			9.1E-09	1.1E-09	
Chloroform			4.3E-05	2.4E-06	
Chloromethane			3.1E-08	3.9E-09	
cis-1,2-Dichloroethene			4.0E-09	5.0E-10	

Table H-66 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
cis-1,3-Dichloropropene			2.4E-11	3.0E-12	
Dibromomethane			2.0E-10	2.5E-11	
Dichlorodifluoromethane			2.5E-10	3.1E-11	
Ethylbenzene			3.7E-05	2.4E-08	
Isopropylbenzene			1.6E-08	2.0E-09	
m&p-Xylene			3.6E-08	4.6E-09	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.6E-10	4.5E-11	
Methylene chloride			1.8E-08	2.3E-09	
n-Butylbenzene			7.8E-09	9.7E-10	
n-Propylbenzene			9.4E-09	1.2E-09	
o-Xylene			2.3E-08	2.9E-09	
p-Chlorotoluene			5.5E-10	6.9E-11	
p-Isopropyltoluene			3.8E-09	4.8E-10	
sec-Butylbenzene			1.4E-09	1.8E-10	
Styrene			5.1E-07	6.4E-08	
tert-Butylbenzene			4.6E-08	5.7E-09	
Tetrachloroethene			1.2E-10	1.5E-11	
Toluene			3.2E-07	3.9E-08	
trans-1,2-Dichloroethene			8.4E-08	1.1E-08	
trans-1,3-Dichloropropene			4.2E-11	5.3E-12	
Trichloroethene			1.0E-05	9.1E-13	
Trichlorofluoromethane			8.7E-11	1.1E-11	

Table H-66 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Vinyl chloride			1.4E-05	6.2E-10	

Table H-67 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.0E-04	1.1E-02	3.7E-05	3.5E-03		
Aldehydes											
Acetaldehyde	3.3E-14					5.2E-04	1.9E-02	6.5E-05	6.2E-03		
Formaldehyde	1.6E-13					2.2E-04	7.3E-03	2.7E-05	2.4E-03		
Propionaldehyde				5.5E-10	1.7E-08	5.7E-05	2.1E-03	7.1E-06	6.9E-04	4.1E-06	2.9E-04
CO											
Carbon monoxide						1.6E-02	6.0E-01	2.0E-03	2.0E-01		
CO2											
Carbon dioxide						5.0E-04	1.8E-02	6.3E-05	6.0E-03		
Criteria											
Sulfur Dioxide						1.4E-04	4.4E-03	1.7E-05	1.5E-03		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.5E-19					3.0E-10	1.2E-08	3.8E-11	4.0E-09		
1,2,3,4,6,7,8-HpCDF	1.5E-19					3.1E-10	1.2E-08	3.8E-11	4.0E-09		
1,2,3,4,7,8,9-HpCDF	3.2E-20					3.9E-11	1.6E-09	4.8E-12	5.3E-10		
1,2,3,4,7,8-HxCDD	2.3E-19					3.6E-11	1.5E-09	4.5E-12	4.9E-10		
1,2,3,4,7,8-HxCDF	1.6E-18					3.0E-10	1.2E-08	3.7E-11	4.0E-09		
1,2,3,6,7,8-HxCDD	4.8E-19					7.6E-11	3.1E-09	9.6E-12	1.0E-09		
1,2,3,6,7,8-HxCDF	6.0E-19					9.6E-11	3.9E-09	1.2E-11	1.3E-09		
1,2,3,7,8,9-HxCDD	5.7E-19					1.2E-10	4.7E-09	1.4E-11	1.6E-09		
1,2,3,7,8,9-HxCDF	5.9E-20					7.4E-12	3.0E-10	9.2E-13	1.0E-10		
1,2,3,7,8-PeCDD	2.2E-18					4.6E-11	1.9E-09	5.8E-12	6.3E-10		
1,2,3,7,8-PeCDF	3.1E-18					6.6E-11	2.7E-09	8.2E-12	9.0E-10		

Table H-67 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	9.0E-19					1.5E-10	5.9E-09	1.9E-11	2.0E-09		
2,3,4,7,8-PeCDF	4.6E-18					1.5E-10	6.0E-09	1.8E-11	2.0E-09		
2,3,7,8-TCDD	8.0E-19					1.9E-11	6.2E-10	2.3E-12	2.1E-10		
2,3,7,8-TCDF	2.8E-18					6.8E-11	2.8E-09	8.5E-12	9.3E-10		
OCDD	1.9E-21					2.0E-10	7.9E-09	2.5E-11	2.6E-09		
OCDF	7.1E-22					7.5E-11	2.9E-09	9.4E-12	9.8E-10		
HCN											
Hydrogen cyanide						5.7E-05	2.2E-03	7.1E-06	7.3E-04		
Metals											
Aluminum				3.9E-03						1.9E-04	
Antimony	5.6E-18			9.1E-08		3.7E-06	9.2E-05	4.7E-07	3.1E-05	4.5E-09	
Arsenic	7.3E-16	2.1E-07	3.0E-11	5.0E-07	1.4E-10	2.1E-07	7.5E-06	2.7E-08	2.5E-06	4.1E-08	2.5E-11
Barium	4.3E-13					4.5E-05	1.2E-03	5.6E-06	4.0E-04		
Beryllium	2.4E-17			4.6E-13	1.7E-11	1.5E-08	5.2E-07	1.9E-09	1.7E-07	2.2E-14	1.9E-12
Cadmium	6.6E-15			7.8E-12	3.0E-10	2.7E-07	9.4E-06	3.4E-08	3.1E-06	3.8E-13	3.2E-11
Chromium	5.2E-16					2.3E-06	8.3E-05	2.9E-07	2.8E-05		
Cobalt				1.1E-05		3.5E-06	6.4E-05	4.4E-07	2.1E-05	5.5E-07	
Copper						6.3E-06	2.2E-04	7.9E-07	7.2E-05		
Iron				9.1E-03						4.4E-04	
Lead	5.1E-18			3.2E-05	2.5E-09	2.1E-06	7.0E-05	2.7E-07	2.3E-05	1.6E-06	2.6E-10
Manganese				5.7E-11	2.2E-09	1.9E-06	6.7E-05	2.4E-07	2.2E-05	2.8E-12	2.4E-10
Mercury (+2)						8.4E-09	3.0E-07	1.1E-09	9.9E-08		
Mercury, elemental				3.5E-07		3.5E-11	1.2E-09	4.4E-12	4.1E-10	6.8E-04	
Methyl Mercury	1.5E-15										

Table H-67 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	2.7E-15			2.1E-04	1.4E-09	1.2E-06	4.3E-05	1.5E-07	1.4E-05	1.0E-05	1.5E-10
Phosphorus				3.0E-10	1.1E-08	9.4E-06	3.1E-04	1.2E-06	1.0E-04	2.9E-06	2.3E-04
Selenium	4.6E-16			1.8E-12	7.0E-11	6.2E-08	2.2E-06	7.8E-09	7.3E-07	8.9E-14	7.5E-12
Silver	5.8E-17			1.3E-13	4.8E-12	4.1E-08	1.3E-06	5.1E-09	4.5E-07	6.3E-15	5.1E-13
Thallium (Soluble Salts)				9.6E-08						4.7E-09	
Titanium				5.7E-13	2.3E-11	2.2E-08	8.1E-07	2.7E-09	2.7E-07	2.8E-14	2.5E-12
Zinc	3.3E-12			1.7E-09	6.0E-08	4.9E-05	1.4E-03	6.1E-06	4.7E-04	8.4E-11	6.5E-09
NOx											
NOx (Oxides of Nitrogen)						5.6E-04	1.9E-02	7.0E-05	6.2E-03		
PAHs											
1-Methylnaphthalene		9.7E-11	2.0E-09	8.8E-11	3.6E-09	1.2E-05	4.9E-04	1.5E-06	1.6E-04	1.0E-07	9.0E-06
1-Methylphenanthrene				1.0E-11	4.3E-10	1.4E-06	5.9E-05	1.8E-07	2.0E-05	5.1E-13	4.6E-11
2,3,5-Trimethylnaphthalene				4.9E-12	2.1E-10	7.0E-07	3.0E-05	8.7E-08	1.0E-05	2.4E-13	2.3E-11
2,6-Dimethylnaphthalene				1.3E-11	5.6E-10	1.8E-06	7.8E-05	2.3E-07	2.6E-05	6.5E-13	6.1E-11
2-Methylnaphthalene		9.4E-11	1.9E-09	8.5E-11	3.5E-09	1.1E-05	4.8E-04	1.4E-06	1.6E-04	9.8E-08	8.8E-06
Acenaphthylene				4.9E-11	2.1E-09	6.7E-06	2.9E-04	8.4E-07	9.5E-05	2.4E-12	2.2E-10
Acenaphthene	1.2E-15					1.2E-06	5.2E-05	1.5E-07	1.7E-05		
Anthracene	1.5E-14					2.2E-06	9.2E-05	2.7E-07	3.1E-05		
Benzo(a)anthracene	2.3E-12	3.2E-08	5.2E-11	2.9E-08	9.5E-11	1.1E-06	4.6E-05	1.3E-07	1.5E-05	4.4E-07	3.2E-09
Benzo(a)pyrene	1.2E-12	3.0E-08	3.7E-11	2.7E-08	6.7E-11	4.2E-07	1.8E-05	5.3E-08	5.9E-06	1.3E-09	7.3E-12
Benzo(b)fluoranthene	3.0E-13	4.7E-08	1.5E-12	4.3E-08	2.8E-12	4.7E-07	1.9E-05	5.9E-08	6.3E-06	2.1E-09	3.0E-13
Benzo(e)pyrene				2.8E-12	1.1E-10	3.6E-07	1.5E-05	4.5E-08	4.9E-06	1.4E-13	1.2E-11
Benzo(g,h,i)perylene				2.1E-12	8.4E-11	2.7E-07	1.1E-05	3.4E-08	3.8E-06	1.0E-13	9.0E-12
Benzo(k)fluoranthene	1.4E-15	2.5E-08		2.3E-08		4.2E-09	7.4E-08	5.2E-10	2.5E-08	1.1E-09	

Table H-67 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				2.9E-10	1.2E-08	4.0E-05	1.7E-03	5.0E-06	5.6E-04	1.7E-07	1.6E-05
Chrysene	3.6E-13	4.0E-08	4.3E-12	3.7E-08	7.9E-12	1.8E-06	7.6E-05	2.3E-07	2.5E-05	1.8E-09	8.5E-13
Dibenze(a,h)anthracene	5.4E-14	7.1E-09	1.9E-12	6.4E-09	3.5E-12	6.6E-08	2.7E-06	8.3E-09	9.1E-07	3.1E-10	3.8E-13
Fluoranthene	1.0E-13	1.8E-13	3.7E-12	1.6E-13	6.7E-12	2.7E-06	1.1E-04	3.3E-07	3.7E-05	8.0E-15	7.2E-13
Fluorene	2.2E-14					6.7E-06	2.8E-04	8.4E-07	9.4E-05		
Indeno(1,2,3-cd)pyrene	2.4E-13	2.0E-08	1.9E-11	1.8E-08	3.4E-11	2.2E-07	9.1E-06	2.7E-08	3.0E-06	9.0E-10	3.7E-12
Napthalene	1.0E-14					5.3E-05	2.2E-03	6.6E-06	7.4E-04		
Perylene				1.1E-12	5.0E-11	1.6E-07	7.3E-06	2.1E-08	2.4E-06	5.3E-14	5.4E-12
Phenanthrene	1.0E-13					1.3E-05	5.2E-04	1.6E-06	1.7E-04		
Pyrene	7.2E-14					2.6E-06	1.1E-04	3.3E-07	3.6E-05		
Particulate											
Particulate Total Suspended Particulate				2.1E-07	8.7E-06	8.4E-03	3.2E-01	1.0E-03	1.1E-01	1.0E-08	9.4E-07
PM<10				2.7E-07	1.1E-05	1.1E-02	4.3E-01	1.4E-03	1.4E-01	1.3E-08	1.2E-06
PM<2.5				2.3E-07	9.6E-06	9.4E-03	3.7E-01	1.2E-03	1.2E-01	1.1E-08	1.0E-06
PCBs											
Dichlorobiphenyl	2.2E-15					3.3E-08	1.4E-06	4.1E-09	4.5E-07		
Heptachlorobiphenyl	8.1E-17					4.5E-10	1.8E-08	5.7E-11	6.1E-09		
Hexachlorobiphenyl	3.3E-16					1.9E-09	7.4E-08	2.4E-10	2.5E-08		
Monochlorobiphenyl	1.5E-14					2.3E-07	9.5E-06	2.9E-08	3.2E-06		
Nonachlorobiphenyl	1.0E-17					6.4E-11	2.3E-09	8.0E-12	7.6E-10		
Octachlorobiphenyl	2.4E-17					1.4E-10	5.4E-09	1.7E-11	1.8E-09		
Pentachlorobiphenyl	1.1E-15					6.5E-09	2.5E-07	8.1E-10	8.2E-08		
Tetrachlorobiphenyl	6.5E-16					1.1E-08	4.0E-07	1.3E-09	1.3E-07		
Trichlorobiphenyl	8.4E-16					1.4E-08	5.3E-07	1.7E-09	1.8E-07		

Table H-67 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				3.2E-08						1.0E-06	
Dieldrin		1.7E-10		2.0E-10						9.7E-12	
SVOCs											
1,2,4-trichlorobenzene						9.6E-08	3.1E-06	1.2E-08	1.0E-06		
1,2-dichlorobenzene	9.8E-19					3.9E-08	6.9E-07	4.9E-09	2.3E-07		
1,3-dichlorobenzene	2.5E-18					5.8E-08	2.0E-06	7.2E-09	6.6E-07		
1,4-dichlorobenzene	3.3E-17					5.4E-07	2.4E-05	6.8E-08	8.1E-06		
1,4-Dioxane						4.6E-02					
2,4-Dimethylphenol	9.0E-16					8.5E-06	3.4E-04	1.1E-06	1.1E-04		
2-Chlorophenol	4.6E-17					1.7E-06	7.4E-05	2.1E-07	2.5E-05		
2-Methylphenol	1.9E-14					2.0E-05	8.4E-04	2.5E-06	2.8E-04		
2-Nitrophenol	1.1E-16					2.7E-06	1.1E-04	3.4E-07	3.7E-05		
3-Methylphenol & 4-Methylphenol				2.6E-10	1.1E-08	3.6E-05	1.5E-03	4.5E-06	5.0E-04	1.3E-11	1.2E-09
4-Nitrophenol	2.3E-16					4.5E-06	1.7E-04	5.6E-07	5.8E-05		
Acetophenone	1.4E-15					4.2E-05	1.7E-03	5.3E-06	5.8E-04		
Benzoic acid	5.7E-15					1.9E-04	8.0E-03	2.4E-05	2.7E-03		
Benzyl alcohol	3.5E-18					1.6E-06	4.9E-05	2.0E-07	1.6E-05		
bis(2-Ethylhexyl) phthalate	2.5E-13	4.2E-10	7.6E-09	5.0E-10	1.8E-08	6.8E-05	2.6E-03	8.5E-06	8.8E-04	2.5E-11	1.9E-09
Butyl benzyl phthalate	6.5E-14	6.7E-13	1.4E-11	7.9E-13	3.3E-11	2.1E-06	8.9E-05	2.7E-07	3.0E-05	3.9E-14	3.5E-12
Carbazole				1.0E-12	1.9E-11	6.0E-08	1.1E-06	7.5E-09	3.6E-07	4.9E-14	2.0E-12
Dibenzofuran		6.6E-12	1.3E-10	2.6E-11	1.0E-09	3.4E-06	1.4E-04	4.3E-07	4.7E-05	1.1E-08	9.8E-07
Dimethyl phthalate	2.3E-17					1.2E-07	2.1E-06	1.5E-08	7.1E-07		
Di-n-butyl phthalate	6.0E-13	2.1E-13	4.2E-12	2.4E-13	1.0E-11	3.3E-06	1.4E-04	4.1E-07	4.5E-05	1.2E-14	1.1E-12

Table H-67 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	6.6E-18	4.9E-13	4.5E-12	5.7E-13	1.1E-11	2.3E-07	4.1E-06	2.9E-08	1.4E-06	2.8E-14	1.1E-12
Hexachlorobutadiene	2.4E-15					1.6E-05	2.8E-04	2.0E-06	9.4E-05		
Isopropanol						7.3E-01					
Phenol	5.3E-14					1.1E-04	4.5E-03	1.3E-05	1.5E-03		
Pyridine	2.7E-15					1.0E-05	4.2E-04	1.3E-06	1.4E-04		
TRS											
Total Reduced Sulfur						1.0E-04	4.5E-03	1.3E-05	1.5E-03		
VOCs											
1,1,1,2-Tetrachloroethane	9.6E-19					4.8E-08	1.6E-06	6.0E-09	5.4E-07		
1,1,1-Trichloroethane	6.3E-20					4.7E-08	1.8E-06	5.9E-09	5.9E-07		
1,1-Dichloroethene	2.1E-21					9.3E-09	1.7E-07	1.2E-09	5.5E-08		
1,2,3-Trichlorobenzene	6.7E-17					1.9E-07	7.1E-06	2.4E-08	2.4E-06		
1,2,3-Trichloropropane	3.9E-19					3.9E-08	6.9E-07	4.8E-09	2.3E-07		
1,2,4-Trimethylbenzene						2.2E-06	7.1E-05	2.8E-07	2.4E-05		
1,2-Dibromoethane	1.3E-19					2.5E-08	4.4E-07	3.1E-09	1.5E-07		
1,2-Dichloroethane	4.2E-18					9.9E-07	3.7E-05	3.6E-04	1.2E-05		
1,3,5-Trimethylbenzene	2.2E-17					2.1E-06	6.2E-05	2.6E-07	2.1E-05		
1,3-Dichloropropane						2.4E-08	4.3E-07	3.0E-09	1.4E-07		
2-Butanone	8.7E-16					1.2E-05	4.7E-04	1.5E-06	1.6E-04		
2-Chlorotoluene						5.3E-07	2.2E-05	6.6E-08	7.2E-06		
2-Hexanone						2.4E-06	8.8E-05	3.0E-07	2.9E-05		
Benzene	7.0E-16					2.3E-02	1.2E-02	3.5E-03	4.1E-03		
Bromobenzene						1.3E-05	2.4E-04	1.7E-06	7.9E-05		
Bromochloromethane						3.1E-08	5.6E-07	3.9E-09	1.9E-07		

Table H-67 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	1.1E-19					3.4E-08	6.1E-07	4.3E-09	2.0E-07		
Bromomethane	4.8E-19					1.4E-06	4.1E-05	1.7E-07	1.4E-05		
Carbon disulfide	4.5E-19					1.2E-06	3.5E-05	1.5E-07	1.2E-05		
Carbon tetrachloride	4.8E-20					4.6E-02	1.4E-06	5.5E-03	4.6E-07		
Chlorobenzene	1.7E-17					1.7E-06	6.1E-05	2.1E-07	2.0E-05		
Chlorodibromomethane	6.5E-18					8.5E-07	1.5E-05	1.1E-07	5.0E-06		
Chloroethane	1.3E-18					3.3E-06	1.1E-04	4.1E-07	3.8E-05		
Chloroform	1.0E-18					1.5E-02	1.4E-05	8.6E-04	4.5E-06		
Chloromethane	3.5E-18					1.1E-05	3.3E-04	1.4E-06	1.1E-04		
cis-1,2-Dichloroethene	1.4E-18					1.4E-06	2.5E-05	1.8E-07	8.4E-06		
cis-1,3-Dichloropropene						8.7E-09	1.6E-07	1.1E-09	5.2E-08		
Dibromomethane	1.5E-19					7.3E-08	1.3E-06	9.1E-09	4.3E-07		
Dichlorodifluoromethane	1.7E-21					8.9E-08	1.6E-06	1.1E-08	5.3E-07		
Ethylbenzene	5.3E-16					1.3E-02	2.6E-03	8.7E-06	8.8E-04		
Isopropylbenzene	7.0E-19					5.6E-06	1.9E-04	7.0E-07	6.4E-05		
m&p-Xylene	8.4E-17					1.3E-05	4.4E-04	1.6E-06	1.5E-04		
Methyl Isobutyl Ketone (4-methyl-2-per	8.6E-19					1.3E-07	2.3E-06	1.6E-08	7.6E-07		
Methylene chloride	9.3E-18					6.4E-06	2.4E-04	8.1E-07	7.9E-05		
n-Butylbenzene						2.8E-06	8.3E-05	3.5E-07	2.8E-05		
n-Propylbenzene						3.3E-06	1.1E-04	4.2E-07	3.7E-05		
o-Xylene	9.9E-17					8.2E-06	2.7E-04	1.0E-06	9.1E-05		
p-Chlorotoluene						2.0E-07	6.0E-06	2.5E-08	2.0E-06		
p-Isopropyltoluene						1.4E-06	3.3E-05	1.7E-07	1.1E-05		
sec-Butylbenzene						5.1E-07	1.5E-05	6.4E-08	5.1E-06		

Table H-67 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Styrene	3.3E-15					1.8E-04	6.7E-03	2.3E-05	2.2E-03		
tert-Butylbenzene						1.6E-05	2.9E-04	2.0E-06	9.7E-05		
Tetrachloroethene	2.4E-19					4.3E-08	1.5E-06	5.4E-09	5.0E-07		
Toluene	5.6E-16					1.1E-04	4.4E-03	1.4E-05	1.5E-03		
trans-1,2-Dichloroethene	2.1E-17					3.0E-05	5.4E-04	3.8E-06	1.8E-04		
trans-1,3-Dichloropropene						1.5E-08	2.7E-07	1.9E-09	9.0E-08		
Trichloroethene	2.4E-21					3.6E-03	4.6E-08	3.2E-10	1.5E-08		
Trichlorofluoromethane	3.7E-21					3.1E-08	5.6E-07	3.9E-09	1.9E-07		
Vinyl chloride	1.7E-19					5.0E-03	4.3E-05	2.2E-07	1.4E-05		

Table H-68 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	3.0E-05	1.0E-07	9.9E-06		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	5.2E-05	1.8E-07	1.7E-05		
Formaldehyde	4.5E-13					6.2E-07	2.0E-05	7.7E-08	6.8E-06		
Propionaldehyde				2.2E-15	7.2E-14	1.6E-07	5.8E-06	2.0E-08	1.9E-06	1.7E-14	1.2E-12
CO											
Carbon monoxide						4.5E-05	1.7E-03	5.6E-06	5.6E-04		
CO2											
Carbon dioxide						1.4E-06	5.0E-05	1.8E-07	1.7E-05		
Criteria											
Sulfur Dioxide						3.8E-07	1.2E-05	4.7E-08	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	2.6E-14	5.5E-15	2.1E-13	8.5E-13	3.4E-11	1.1E-13	1.1E-11	2.7E-19	2.2E-17
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.6E-14	5.5E-15	2.1E-13	8.6E-13	3.4E-11	1.1E-13	1.1E-11	2.7E-19	2.2E-17
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	3.1E-15	6.4E-16	2.5E-14	1.1E-13	4.4E-12	1.4E-14	1.5E-12	3.1E-20	2.7E-18
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	3.0E-15	6.2E-16	2.4E-14	1.0E-13	4.1E-12	1.3E-14	1.4E-12	3.1E-20	2.6E-18
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	2.4E-14	4.9E-15	1.9E-13	8.3E-13	3.3E-11	1.0E-13	1.1E-11	2.4E-19	2.1E-17
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	6.2E-15	1.3E-15	4.9E-14	2.1E-13	8.7E-12	2.7E-14	2.9E-12	6.2E-20	5.3E-18
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	8.0E-15	1.6E-15	6.3E-14	2.7E-13	1.1E-11	3.4E-14	3.6E-12	7.9E-20	6.8E-18
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	9.8E-15	2.0E-15	7.7E-14	3.2E-13	1.3E-11	4.1E-14	4.4E-12	9.8E-20	8.3E-18
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	5.8E-16	1.2E-16	4.5E-15	2.1E-14	8.4E-13	2.6E-15	2.8E-13	5.7E-21	4.9E-19
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	3.5E-15	7.0E-16	2.8E-14	1.3E-13	5.3E-12	1.6E-14	1.8E-12	3.5E-20	3.0E-18
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	4.1E-15	8.3E-16	3.3E-14	1.8E-13	7.5E-12	2.3E-14	2.5E-12	4.0E-20	3.5E-18

Table H-68 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	1.2E-14	2.5E-15	9.5E-14	4.2E-13	1.7E-11	5.2E-14	5.6E-12	1.2E-19	1.0E-17
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	9.9E-15	2.0E-15	7.8E-14	4.1E-13	1.7E-11	5.2E-14	5.6E-12	9.7E-20	8.4E-18
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.2E-16	1.4E-16	4.1E-15	5.2E-14	1.7E-12	6.5E-15	5.8E-13	4.9E-18	3.1E-16
2,3,7,8-TCDF	8.0E-18	6.6E-17	1.3E-15	2.6E-16	1.0E-14	1.9E-13	7.8E-12	2.4E-14	2.6E-12	1.3E-20	1.1E-18
OCDD	1.8E-20	9.4E-16	1.7E-14	3.7E-15	1.4E-13	5.6E-13	2.2E-11	7.0E-14	7.4E-12	1.8E-19	1.5E-17
OCDF	6.7E-21	3.6E-16	6.5E-15	1.4E-15	5.1E-14	2.1E-13	8.2E-12	2.6E-14	2.7E-12	7.0E-20	5.5E-18
HCN											
Hydrogen cyanide						1.6E-07	6.2E-06	2.0E-08	2.1E-06		
Metals											
Aluminum				1.1E-02						5.3E-07	
Antimony	1.6E-17			2.6E-07		1.0E-08	2.6E-07	1.3E-09	8.6E-08	1.3E-11	
Arsenic	8.1E-16	6.0E-07	4.8E-17	1.4E-06	2.3E-16	5.9E-10	2.1E-08	7.4E-11	7.0E-09	1.2E-10	4.1E-20
Barium	2.3E-12			3.1E-09	1.1E-07	1.3E-07	3.4E-06	1.6E-08	1.1E-06	1.5E-13	1.2E-11
Beryllium	3.3E-17			1.0E-15	3.9E-14	4.3E-11	1.5E-09	5.4E-12	4.8E-10	5.1E-20	4.3E-18
Cadmium	8.3E-15			8.2E-16	3.1E-14	7.6E-10	2.6E-08	9.5E-11	8.8E-09	4.0E-20	3.4E-18
Chromium	2.6E-15			8.3E-11	3.2E-09	6.5E-09	2.3E-07	8.1E-10	7.7E-08	4.1E-15	3.5E-13
Cobalt				3.1E-05	1.0E-08	9.8E-09	1.8E-07	1.2E-09	6.0E-08	1.5E-09	1.1E-12
Copper				3.4E-10	1.3E-08	1.8E-08	6.1E-07	2.2E-09	2.0E-07	1.6E-14	1.4E-12
Iron				2.5E-02						1.2E-06	
Lead	6.9E-18			9.0E-05	3.8E-12	6.0E-09	2.0E-07	7.5E-10	6.5E-08	4.4E-09	4.1E-16
Manganese				8.0E-13	3.1E-11	5.5E-09	1.9E-07	6.8E-10	6.3E-08	3.9E-17	3.3E-15
Mercury (+2)				3.4E-14	1.1E-12	2.4E-11	8.3E-10	2.9E-12	2.8E-10	1.7E-18	1.1E-16
Mercury, elemental				9.8E-07		9.8E-14	3.5E-12	1.2E-14	1.2E-12	1.9E-06	
Methyl Mercury	8.7E-15			2.0E-15	7.9E-14					1.0E-19	8.5E-18

Table H-68 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.8E-04	1.6E-13	3.5E-09	1.2E-07	4.3E-10	4.0E-08	2.9E-08	1.7E-17
Phosphorus				7.5E-15	2.8E-13	2.6E-08	8.6E-07	3.3E-09	2.9E-07	7.2E-14	5.9E-12
Selenium	2.8E-16			4.0E-17	1.6E-15	1.7E-10	6.1E-09	2.2E-11	2.0E-09	2.0E-21	1.7E-19
Silver	2.1E-16			8.4E-13	3.1E-11	1.1E-10	3.7E-09	1.4E-11	1.2E-09	4.1E-17	3.4E-15
Thallium (Soluble Salts)				2.7E-07						1.3E-11	
Titanium				8.0E-15	3.2E-13	6.1E-11	2.3E-09	7.6E-12	7.6E-10	3.9E-19	3.5E-17
Zinc	4.1E-12			1.8E-13	6.5E-12	1.4E-07	3.9E-06	1.7E-08	1.3E-06	9.0E-18	7.0E-16
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	5.2E-05	2.0E-07	1.7E-05		
PAHs											
1-Methylnaphthalene		2.4E-16	4.9E-15	2.2E-16	8.9E-15	3.3E-08	1.4E-06	4.1E-09	4.6E-07	2.5E-16	2.2E-14
1-Methylphenanthrene				1.5E-13	6.0E-12	3.9E-09	1.7E-07	4.9E-10	5.5E-08	7.1E-18	6.5E-16
2,3,5-Trimethylnaphthalene				6.8E-14	3.0E-12	1.9E-09	8.4E-08	2.4E-10	2.8E-08	3.3E-18	3.2E-16
2,6-Dimethylnaphthalene				1.9E-13	7.9E-12	5.1E-09	2.2E-07	6.4E-10	7.3E-08	9.1E-18	8.5E-16
2-Methylnaphthalene		2.3E-16	4.7E-15	2.1E-16	8.6E-15	3.2E-08	1.3E-06	4.0E-09	4.4E-07	2.4E-16	2.2E-14
Acenaphthylene				6.0E-13	2.5E-11	1.9E-08	8.0E-07	2.4E-09	2.7E-07	2.9E-17	2.7E-15
Acenaphthene	3.4E-15					3.5E-09	1.4E-07	4.3E-10	4.8E-08		
Anthracene	4.3E-14					6.1E-09	2.6E-07	7.6E-10	8.6E-08		
Benzo(a)anthracene	6.2E-12	9.0E-08	4.4E-11	8.1E-08	8.0E-11	3.0E-09	1.3E-07	3.7E-10	4.3E-08	1.2E-09	2.7E-12
Benzo(a)pyrene	3.1E-12	8.5E-08	1.8E-11	7.7E-08	3.3E-11	1.2E-09	4.9E-08	1.5E-10	1.6E-08	3.8E-12	3.6E-15
Benzo(b)fluoranthene	8.3E-13	1.3E-07	1.0E-12	1.2E-07	1.8E-12	1.3E-09	5.3E-08	1.6E-10	1.8E-08	5.9E-12	2.0E-16
Benzo(e)pyrene				3.4E-14	1.3E-12	1.0E-09	4.1E-08	1.3E-10	1.4E-08	1.7E-18	1.4E-16
Benzo(g,h,i)perylene				2.5E-14	1.0E-12	7.7E-10	3.2E-08	9.6E-11	1.1E-08	1.2E-18	1.1E-16
Benzo(k)fluoranthene	7.4E-15	7.1E-08	6.4E-13	6.4E-08	1.2E-12	1.2E-11	2.1E-10	1.5E-12	6.9E-11	3.1E-12	1.3E-16

Table H-68 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	1.4E-13	1.1E-07	4.7E-06	1.4E-08	1.6E-06	2.0E-15	1.8E-13
Chrysene	1.1E-12	1.1E-07	5.5E-11	1.0E-07	9.9E-11	5.1E-09	2.1E-07	6.4E-10	7.1E-08	5.0E-12	1.1E-14
Dibenze(a,h)anthracene	1.6E-13	2.0E-08	6.7E-12	1.8E-08	1.2E-11	1.9E-10	7.6E-09	2.3E-11	2.5E-09	8.8E-13	1.3E-15
Fluoranthene	2.8E-13	6.7E-14	1.4E-12	6.1E-14	2.5E-12	7.5E-09	3.1E-07	9.4E-10	1.0E-07	3.0E-18	2.7E-16
Fluorene	6.1E-14					1.9E-08	7.9E-07	2.3E-09	2.6E-07		
Indeno(1,2,3-cd)pyrene	4.0E-13	5.7E-08	1.8E-11	5.1E-08	3.3E-11	6.2E-10	2.5E-08	7.7E-11	8.5E-09	2.5E-12	3.6E-15
Napthalene	2.8E-14					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Perylene				1.3E-14	6.2E-13	4.6E-10	2.0E-08	5.8E-11	6.8E-09	6.5E-19	6.6E-17
Phenanthrene	2.9E-13					3.5E-08	1.5E-06	4.4E-09	4.8E-07		
Pyrene	2.0E-13	2.5E-13	5.1E-12	2.3E-13	9.3E-12	7.3E-09	3.0E-07	9.1E-10	1.0E-07	6.4E-15	5.8E-13
Particulate											
Particulate Total Suspended Particulate				3.0E-09	1.2E-07	2.3E-05	9.0E-04	2.9E-06	3.0E-04	1.5E-13	1.3E-11
PM<10				3.8E-09	1.6E-07	3.1E-05	1.2E-03	3.9E-06	4.0E-04	1.9E-13	1.7E-11
PM<2.5				3.2E-09	1.3E-07	2.6E-05	1.0E-03	3.3E-06	3.5E-04	1.6E-13	1.4E-11
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	1.3E-14	5.5E-16	2.2E-14	9.3E-11	3.8E-09	1.2E-11	1.3E-09	5.1E-17	4.5E-15
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.4E-15	6.3E-17	2.4E-15	1.3E-12	5.1E-11	1.6E-13	1.7E-11	3.2E-18	2.7E-16
Hexachlorobiphenyl	9.3E-16	3.4E-16	6.1E-15	2.9E-16	1.0E-14	5.3E-12	2.1E-10	6.7E-13	6.9E-11	1.5E-17	1.1E-15
Monochlorobiphenyl	4.3E-14	4.5E-15	9.0E-14	3.8E-15	1.5E-13	6.5E-10	2.7E-08	8.1E-11	8.9E-09	3.5E-16	3.1E-14
Nonachlorobiphenyl	2.9E-17	1.3E-17	2.1E-16	1.1E-17	3.5E-16	1.8E-13	6.4E-12	2.2E-14	2.1E-12	5.7E-19	3.9E-17
Octachlorobiphenyl	6.8E-17	2.4E-17	4.4E-16	2.0E-17	7.5E-16	3.9E-13	1.5E-11	4.9E-14	5.1E-12	1.0E-18	8.4E-17
Pentachlorobiphenyl	3.1E-15	1.2E-15	2.1E-14	1.0E-15	3.5E-14	1.8E-11	6.9E-10	2.3E-12	2.3E-10	5.2E-17	3.9E-15
Tetrachlorobiphenyl	1.8E-15	2.5E-16	4.2E-15	2.1E-16	7.1E-15	3.0E-11	1.1E-09	3.8E-12	3.8E-10	2.0E-17	1.5E-15
Trichlorobiphenyl	2.4E-15	3.0E-16	5.3E-15	2.5E-16	9.0E-15	3.8E-11	1.5E-09	4.8E-12	4.9E-10	2.3E-17	1.8E-15

Table H-68 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				9.0E-08						2.9E-09	
Dieldrin		4.7E-10		5.6E-10						2.7E-14	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	8.7E-09	3.4E-11	2.9E-09		
1,2-dichlorobenzene	2.8E-18					1.1E-10	1.9E-09	1.4E-11	6.5E-10		
1,3-dichlorobenzene	6.9E-18					1.6E-10	5.5E-09	2.0E-11	1.8E-09		
1,4-dichlorobenzene	9.2E-17					1.5E-09	6.8E-08	1.9E-10	2.3E-08		
1,4-Dioxane						1.3E-04					
2,4-Dimethylphenol	2.5E-15					2.4E-08	9.5E-07	3.0E-09	3.2E-07		
2-Chlorophenol	1.3E-16					4.7E-09	2.1E-07	5.9E-10	6.9E-08		
2-Methylphenol	5.3E-14					5.6E-08	2.3E-06	7.0E-09	7.8E-07		
2-Nitrophenol	3.2E-16					7.6E-09	3.1E-07	9.4E-10	1.0E-07		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.5E-10	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.8E-16	1.7E-14
4-Nitrophenol	6.5E-16					1.3E-08	4.8E-07	1.6E-09	1.6E-07		
Acetophenone	3.9E-15					1.2E-07	4.9E-06	1.5E-08	1.6E-06		
Benzoic acid	1.6E-14					5.4E-07	2.2E-05	6.7E-08	7.5E-06		
Benzyl alcohol	9.8E-18					4.5E-09	1.4E-07	5.6E-10	4.5E-08		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	1.2E-10	8.0E-12	2.9E-10	1.9E-07	7.4E-06	2.4E-08	2.5E-06	3.9E-16	3.1E-14
Butyl benzyl phthalate	1.8E-13	3.3E-15	6.6E-14	3.8E-15	1.6E-13	6.0E-09	2.5E-07	7.5E-10	8.3E-08	1.9E-19	1.7E-17
Carbazole				1.4E-14	2.6E-13	1.7E-10	3.0E-09	2.1E-11	1.0E-09	6.9E-19	2.8E-17
Dibenzofuran		1.4E-16	2.9E-15	5.7E-16	2.3E-14	9.5E-09	3.9E-07	1.2E-09	1.3E-07	2.4E-16	2.1E-14
Dimethyl phthalate	6.5E-17					3.3E-10	5.9E-09	4.2E-11	2.0E-09		
Di-n-butyl phthalate	1.7E-12	3.3E-15	6.7E-14	3.9E-15	1.6E-13	9.2E-09	3.8E-07	1.1E-09	1.3E-07	1.9E-19	1.7E-17

Table H-68 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	8.7E-14	1.1E-14	2.1E-13	6.4E-10	1.1E-08	8.0E-11	3.8E-09	5.5E-19	2.2E-17
Hexachlorobutadiene	6.7E-15					4.4E-08	7.9E-07	5.5E-09	2.6E-07		
Isopropanol						2.0E-03					
Phenol	1.5E-13					3.0E-07	1.2E-05	3.8E-08	4.2E-06		
Pyridine	7.7E-15					2.9E-08	1.2E-06	3.6E-09	4.0E-07		
TRS											
Total Reduced Sulfur						2.9E-07	1.3E-05	3.6E-08	4.2E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	4.6E-09	1.7E-11	1.5E-09		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	5.0E-09	1.7E-11	1.7E-09		
1,1-Dichloroethene	6.0E-21					2.6E-11	4.6E-10	3.2E-12	1.5E-10		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	2.0E-08	6.7E-11	6.6E-09		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	1.9E-09	1.4E-11	6.4E-10		
1,2,4-Trimethylbenzene						6.2E-09	2.0E-07	7.8E-10	6.6E-08		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.2E-09	8.6E-12	4.1E-10		
1,2-Dichloroethane	1.2E-17					2.8E-09	1.0E-07	1.0E-06	3.5E-08		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.7E-07	7.3E-10	5.8E-08		
1,3-Dichloropropane						6.7E-11	1.2E-09	8.4E-12	4.0E-10		
2-Butanone	2.4E-15					3.3E-08	1.3E-06	4.1E-09	4.4E-07		
2-Chlorotoluene						1.5E-09	6.1E-08	1.8E-10	2.0E-08		
2-Hexanone						6.8E-09	2.5E-07	8.4E-10	8.2E-08		
Benzene	2.0E-15					6.4E-05	3.4E-05	9.7E-06	1.1E-05		
Bromobenzene						3.7E-08	6.6E-07	4.7E-09	2.2E-07		
Bromochloromethane						8.8E-11	1.6E-09	1.1E-11	5.2E-10		

Table H-68 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	3.1E-19					9.5E-11	1.7E-09	1.2E-11	5.7E-10		
Bromomethane	1.3E-18					3.8E-09	1.1E-07	4.8E-10	3.8E-08		
Carbon disulfide	1.3E-18					3.3E-09	9.8E-08	4.2E-10	3.3E-08		
Carbon tetrachloride	1.3E-19					1.3E-04	3.9E-09	1.5E-05	1.3E-09		
Chlorobenzene	4.7E-17					4.8E-09	1.7E-07	6.0E-10	5.7E-08		
Chlorodibromomethane	1.8E-17					2.4E-09	4.2E-08	3.0E-10	1.4E-08		
Chloroethane	3.7E-18					9.1E-09	3.2E-07	1.1E-09	1.1E-07		
Chloroform	2.8E-18					4.3E-05	3.8E-08	2.4E-06	1.3E-08		
Chloromethane	9.8E-18					3.1E-08	9.4E-07	3.9E-09	3.1E-07		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	7.1E-08	5.0E-10	2.4E-08		
cis-1,3-Dichloropropene						2.4E-11	4.3E-10	3.0E-12	1.4E-10		
Dibromomethane	4.2E-19					2.0E-10	3.6E-09	2.5E-11	1.2E-09		
Dichlorodifluoromethane	4.7E-21					2.5E-10	4.4E-09	3.1E-11	1.5E-09		
Ethylbenzene	1.5E-15					3.7E-05	7.4E-06	2.4E-08	2.5E-06		
Isopropylbenzene	2.0E-18					1.6E-08	5.4E-07	2.0E-09	1.8E-07		
m&p-Xylene	2.4E-16					3.6E-08	1.2E-06	4.6E-09	4.1E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	6.4E-09	4.5E-11	2.1E-09		
Methylene chloride	2.6E-17					1.8E-08	6.6E-07	2.3E-09	2.2E-07		
n-Butylbenzene						7.8E-09	2.3E-07	9.7E-10	7.7E-08		
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07		
o-Xylene	2.8E-16					2.3E-08	7.6E-07	2.9E-09	2.5E-07		
p-Chlorotoluene						5.5E-10	1.7E-08	6.9E-11	5.6E-09		
p-Isopropyltoluene						3.8E-09	9.2E-08	4.8E-10	3.1E-08		
sec-Butylbenzene						1.4E-09	4.3E-08	1.8E-10	1.4E-08		

Table H-68 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Styrene	9.4E-15					5.1E-07	1.9E-05	6.4E-08	6.2E-06		
tert-Butylbenzene						4.6E-08	8.1E-07	5.7E-09	2.7E-07		
Tetrachloroethene	6.6E-19					1.2E-10	4.2E-09	1.5E-11	1.4E-09		
Toluene	1.6E-15					3.2E-07	1.2E-05	3.9E-08	4.1E-06		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	1.5E-06	1.1E-08	5.0E-07		
trans-1,3-Dichloropropene						4.2E-11	7.5E-10	5.3E-12	2.5E-10		
Trichloroethene	6.8E-21					1.0E-05	1.3E-10	9.1E-13	4.3E-11		
Trichlorofluoromethane	1.0E-20					8.7E-11	1.6E-09	1.1E-11	5.2E-10		
Vinyl chloride	4.8E-19					1.4E-05	1.2E-07	6.2E-10	4.0E-08		

Table H-69 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			3.0E-04	3.7E-05	
Aldehydes					
Acetaldehyde			5.2E-04	6.5E-05	
Formaldehyde			1.7E+00	2.7E-05	
Propionaldehyde		5.5E-10	5.7E-05	7.1E-06	4.1E-06
CO					
Carbon monoxide			1.6E-02	2.0E-03	
CO2					
Carbon dioxide			5.0E-04	6.3E-05	
Criteria					
Sulfur Dioxide			1.4E-04	1.7E-05	
DIOXINS					
1,2,3,4,6,7,8-HpCDD			3.0E-10	3.8E-11	
1,2,3,4,6,7,8-HpCDF			3.1E-10	3.8E-11	
1,2,3,4,7,8,9-HpCDF			3.9E-11	4.8E-12	
1,2,3,4,7,8-HxCDD			3.6E-11	4.5E-12	
1,2,3,4,7,8-HxCDF			3.0E-10	3.7E-11	
1,2,3,6,7,8-HxCDD			7.6E-11	9.6E-12	
1,2,3,6,7,8-HxCDF			9.6E-11	1.2E-11	
1,2,3,7,8,9-HxCDD			1.2E-10	1.4E-11	
1,2,3,7,8,9-HxCDF			7.4E-12	9.2E-13	

Table H-69 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD			4.6E-11	5.8E-12	
1,2,3,7,8-PeCDF			6.6E-11	8.2E-12	
2,3,4,6,7,8-HxCDF			1.5E-10	1.9E-11	
2,3,4,7,8-PeCDF			1.5E-10	1.8E-11	
2,3,7,8-TCDD			1.9E-11	2.3E-12	
2,3,7,8-TCDF			6.8E-11	8.5E-12	
OCDD			2.0E-10	2.5E-11	
OCDF			7.5E-11	9.4E-12	
HCN					
Hydrogen cyanide			5.7E-05	7.1E-06	
Metals					
Aluminum		4.1E-03			2.0E-04
Antimony		2.8E-07	3.7E-06	4.7E-07	1.3E-08
Arsenic	9.7E-07	2.3E-06	2.1E-07	2.7E-08	1.9E-07
Barium			4.5E-05	5.6E-06	
Beryllium		4.6E-13	1.5E-08	1.9E-09	2.2E-14
Cadmium		7.8E-12	2.7E-07	3.4E-08	3.8E-13
Chromium			2.3E-06	2.9E-07	
Cobalt		1.2E-05	3.5E-06	4.4E-07	5.7E-07
Copper			6.3E-06	7.9E-07	
Iron		9.8E-03			4.8E-04
Lead		4.0E-05	2.1E-06	2.7E-07	1.9E-06

Table H-69 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		5.7E-11	1.9E-06	2.4E-07	2.8E-12
Mercury (+2)			8.4E-09	1.1E-09	
Mercury, elemental		9.6E-09	3.5E-11	4.4E-12	1.9E-05
Nickel		2.0E-04	1.2E-06	1.5E-07	9.7E-06
Phosphorus		3.0E-10	9.4E-06	1.2E-06	2.9E-06
Selenium		1.8E-12	6.2E-08	7.8E-09	8.9E-14
Silver		1.3E-13	4.1E-08	5.1E-09	6.3E-15
Thallium (Soluble Salts)		2.9E-08			1.4E-09
Titanium		5.7E-13	2.2E-08	2.7E-09	2.8E-14
Zinc		1.7E-09	4.9E-05	6.1E-06	8.4E-11
NOx					
NOx (Oxides of Nitrogen)			5.6E-04	7.0E-05	
PAHs					
1-Methylnaphthalene	9.7E-11	8.8E-11	1.2E-05	1.5E-06	1.0E-07
1-Methylphenanthrene		1.0E-11	1.4E-06	1.8E-07	5.1E-13
2,3,5-Trimethylnaphthalene		4.9E-12	7.0E-07	8.7E-08	2.4E-13
2,6-Dimethylnaphthalene		1.3E-11	1.8E-06	2.3E-07	6.5E-13
2-Methylnaphthalene	9.4E-11	8.5E-11	1.1E-05	1.4E-06	9.8E-08
Acenaphthylene		4.9E-11	6.7E-06	8.4E-07	2.4E-12
Acenaphthene			1.2E-06	1.5E-07	
Anthracene			2.2E-06	2.7E-07	
Benzo(a)anthracene	5.9E-08	5.4E-08	1.1E-06	1.3E-07	8.1E-07

Table H-69 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)pyrene	6.1E-08	5.5E-08	4.2E-07	5.3E-08	2.7E-09
Benzo(b)fluoranthene	1.1E-07	9.8E-08	4.7E-07	5.9E-08	4.8E-09
Benzo(e)pyrene		2.8E-12	3.6E-07	4.5E-08	1.4E-13
Benzo(g,h,i)perylene		2.1E-12	2.7E-07	3.4E-08	1.0E-13
Benzo(k)fluoranthene	4.4E-08	4.0E-08	4.2E-09	5.2E-10	1.9E-09
Biphenyl		2.9E-10	4.0E-05	5.0E-06	1.7E-07
Chrysene	8.4E-08	7.6E-08	1.8E-06	2.3E-07	3.7E-09
Dibenze(a,h)anthracene	9.8E-14	8.9E-14	6.6E-08	8.3E-09	4.3E-15
Fluoranthene	1.8E-13	1.6E-13	2.7E-06	3.3E-07	8.0E-15
Fluorene			6.7E-06	8.4E-07	
Indeno(1,2,3-cd)pyrene	3.4E-08	3.1E-08	2.2E-07	2.7E-08	1.5E-09
Napthalene			5.3E-05	6.6E-06	
Perylene		1.1E-12	1.6E-07	2.1E-08	5.3E-14
Phenanthrene			1.3E-05	1.6E-06	
Pyrene			2.6E-06	3.3E-07	
Particulate					
Particulate Total Suspended Particulate		2.1E-07	8.4E-03	1.0E-03	1.0E-08
PM<10		2.7E-07	1.1E-02	1.4E-03	1.3E-08
PM<2.5		2.3E-07	9.4E-03	1.2E-03	1.1E-08
PCBs					
Dichlorobiphenyl			3.3E-08	4.1E-09	
Heptachlorobiphenyl			4.5E-10	5.7E-11	

Table H-69 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Hexachlorobiphenyl			1.9E-09	2.4E-10	
Monochlorobiphenyl			2.3E-07	2.9E-08	
Nonachlorobiphenyl			6.4E-11	8.0E-12	
Octachlorobiphenyl			1.4E-10	1.7E-11	
Pentachlorobiphenyl			6.5E-09	8.1E-10	
Tetrachlorobiphenyl			1.1E-08	1.3E-09	
Trichlorobiphenyl			1.4E-08	1.7E-09	
Pesticides					
DDE		2.4E-06			7.8E-05
Dieldrin	9.6E-09	1.1E-08			5.5E-10
SVOCs					
1,2,4-trichlorobenzene			9.6E-08	1.2E-08	
1,2-dichlorobenzene			3.9E-08	4.9E-09	
1,3-dichlorobenzene			5.8E-08	7.2E-09	
1,4-dichlorobenzene			5.4E-07	6.8E-08	
2,4-Dimethylphenol			8.5E-06	1.1E-06	
2-Chlorophenol			1.7E-06	2.1E-07	
2-Methylphenol			2.0E-05	2.5E-06	
2-Nitrophenol			2.7E-06	3.4E-07	
3-Methylphenol & 4-Methylphenol		2.6E-10	3.6E-05	4.5E-06	1.3E-11
4-Nitrophenol			4.5E-06	5.6E-07	
Acetophenone			4.2E-05	5.3E-06	

Table H-69 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzoic acid			1.9E-04	2.4E-05	
Benzyl alcohol			1.6E-06	2.0E-07	
bis(2-Ethylhexyl) phthalate	4.2E-10	5.0E-10	6.8E-05	8.5E-06	2.5E-11
Butyl benzyl phthalate	6.7E-13	7.9E-13	2.1E-06	2.7E-07	3.9E-14
Carbazole		1.0E-12	6.0E-08	7.5E-09	4.9E-14
Dibenzofuran	6.6E-12	2.6E-11	3.4E-06	4.3E-07	1.1E-08
Dimethyl phthalate			1.2E-07	1.5E-08	
Di-n-butyl phthalate	2.1E-13	2.4E-13	3.3E-06	4.1E-07	1.2E-14
Di-n-octyl phthalate	4.9E-13	5.7E-13	2.3E-07	2.9E-08	2.8E-14
Hexachlorobutadiene			1.6E-05	2.0E-06	
Isopropanol			2.1E+00		
Phenol			1.1E-04	1.3E-05	
Pyridine			1.0E-05	1.3E-06	
TRS					
Total Reduced Sulfur			1.0E-04	1.3E-05	
VOCs					
1,1,1,2-Tetrachloroethane			4.8E-08	6.0E-09	
1,1,1-Trichloroethane			4.7E-08	5.9E-09	
1,1-Dichloroethene			9.3E-09	1.2E-09	
1,2,3-Trichlorobenzene			1.9E-07	2.4E-08	
1,2,3-Trichloropropane			3.9E-08	4.8E-09	
1,2,4-Trimethylbenzene			2.2E-06	2.8E-07	

Table H-69 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2-Dibromoethane			2.5E-08	3.1E-09	
1,2-Dichloroethane			8.2E-03	3.6E-04	
1,3,5-Trimethylbenzene			2.1E-06	2.6E-07	
1,3-Dichloropropane			2.4E-08	3.0E-09	
2-Butanone			1.2E-05	1.5E-06	
2-Chlorotoluene			5.3E-07	6.6E-08	
2-Hexanone			2.4E-06	3.0E-07	
Benzene			2.9E-01	3.5E-03	
Bromobenzene			1.3E-05	1.7E-06	
Bromochloromethane			3.1E-08	3.9E-09	
Bromodichloromethane			3.4E-08	4.3E-09	
Bromomethane			1.4E-06	1.7E-07	
Carbon disulfide			1.2E-06	1.5E-07	
Carbon tetrachloride			5.5E-02	5.5E-03	
Chlorobenzene			1.7E-06	2.1E-07	
Chlorodibromomethane			8.5E-07	1.1E-07	
Chloroethane			3.3E-06	4.1E-07	
Chloroform			1.3E-02	8.6E-04	
Chloromethane			1.1E-05	1.4E-06	
cis-1,2-Dichloroethene			1.4E-06	1.8E-07	
cis-1,3-Dichloropropene			8.7E-09	1.1E-09	
Dibromomethane			7.3E-08	9.1E-09	

Table H-69 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dichlorodifluoromethane			8.9E-08	1.1E-08	
Ethylbenzene			7.7E-02	8.7E-06	
Isopropylbenzene			5.6E-06	7.0E-07	
m&p-Xylene			1.3E-05	1.6E-06	
Methyl Isobutyl Ketone (4-methyl-2-penta			1.3E-07	1.6E-08	
Methylene chloride			6.4E-06	8.1E-07	
n-Butylbenzene			2.8E-06	3.5E-07	
n-Propylbenzene			3.3E-06	4.2E-07	
o-Xylene			8.2E-06	1.0E-06	
p-Chlorotoluene			2.0E-07	2.5E-08	
p-Isopropyltoluene			1.4E-06	1.7E-07	
sec-Butylbenzene			5.1E-07	6.4E-08	
Styrene			1.8E-04	2.3E-05	
tert-Butylbenzene			1.6E-05	2.0E-06	
Tetrachloroethene			4.3E-08	5.4E-09	
Toluene			1.1E-04	1.4E-05	
trans-1,2-Dichloroethene			3.0E-05	3.8E-06	
trans-1,3-Dichloropropene			1.5E-08	1.9E-09	
Trichloroethene			1.8E-03	3.2E-10	
Trichlorofluoromethane			3.1E-08	3.9E-09	
Vinyl chloride			1.8E-06	2.2E-07	

Table H-70 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			8.4E-07	1.0E-07	
Aldehydes					
Acetaldehyde			1.4E-06	1.8E-07	
Formaldehyde			4.8E-03	7.7E-08	
Propionaldehyde		2.2E-15	1.6E-07	2.0E-08	1.7E-14
CO					
Carbon monoxide			4.5E-05	5.6E-06	
CO2					
Carbon dioxide			1.4E-06	1.8E-07	
Criteria					
Sulfur Dioxide			3.8E-07	4.7E-08	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	1.4E-15	5.5E-15	8.5E-13	1.1E-13	2.7E-19
1,2,3,4,6,7,8-HpCDF	1.4E-15	5.5E-15	8.6E-13	1.1E-13	2.7E-19
1,2,3,4,7,8,9-HpCDF	1.6E-16	6.4E-16	1.1E-13	1.4E-14	3.1E-20
1,2,3,4,7,8-HxCDD	1.6E-16	6.2E-16	1.0E-13	1.3E-14	3.1E-20
1,2,3,4,7,8-HxCDF	1.3E-15	4.9E-15	8.3E-13	1.0E-13	2.4E-19
1,2,3,6,7,8-HxCDD	3.2E-16	1.3E-15	2.1E-13	2.7E-14	6.2E-20
1,2,3,6,7,8-HxCDF	4.1E-16	1.6E-15	2.7E-13	3.4E-14	7.9E-20
1,2,3,7,8,9-HxCDD	5.1E-16	2.0E-15	3.2E-13	4.1E-14	9.8E-20
1,2,3,7,8,9-HxCDF	2.9E-17	1.2E-16	2.1E-14	2.6E-15	5.7E-21

Table H-70 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	1.8E-16	7.0E-16	1.3E-13	1.6E-14	3.5E-20
1,2,3,7,8-PeCDF	2.1E-16	8.3E-16	1.8E-13	2.3E-14	4.0E-20
2,3,4,6,7,8-HxCDF	6.4E-16	2.5E-15	4.2E-13	5.2E-14	1.2E-19
2,3,4,7,8-PeCDF	5.0E-16	2.0E-15	4.1E-13	5.2E-14	9.7E-20
2,3,7,8-TCDD	3.6E-17	1.4E-16	5.2E-14	6.5E-15	4.9E-18
2,3,7,8-TCDF	6.6E-17	2.6E-16	1.9E-13	2.4E-14	1.3E-20
OCDD	9.4E-16	3.7E-15	5.6E-13	7.0E-14	1.8E-19
OCDF	3.6E-16	1.4E-15	2.1E-13	2.6E-14	7.0E-20
HCN					
Hydrogen cyanide			1.6E-07	2.0E-08	
Metals					
Aluminum		1.2E-02			5.7E-07
Antimony		7.7E-07	1.0E-08	1.3E-09	3.8E-11
Arsenic	2.7E-06	6.4E-06	5.9E-10	7.4E-11	5.2E-10
Barium		3.1E-09	1.3E-07	1.6E-08	1.5E-13
Beryllium		1.0E-15	4.3E-11	5.4E-12	5.1E-20
Cadmium		8.2E-16	7.6E-10	9.5E-11	4.0E-20
Chromium		8.3E-11	6.5E-09	8.1E-10	4.1E-15
Cobalt		3.3E-05	9.8E-09	1.2E-09	1.6E-09
Copper		3.4E-10	1.8E-08	2.2E-09	1.6E-14
Iron		2.7E-02			1.3E-06
Lead		1.1E-04	6.0E-09	7.5E-10	5.5E-09

Table H-70 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		8.0E-13	5.5E-09	6.8E-10	3.9E-17
Mercury (+2)		3.4E-14	2.4E-11	2.9E-12	1.7E-18
Mercury, elemental		2.7E-08	9.8E-14	1.2E-14	5.2E-08
Methyl Mercury		2.0E-15			1.0E-19
Nickel		5.6E-04	3.5E-09	4.3E-10	2.7E-08
Phosphorus		7.5E-15	2.6E-08	3.3E-09	7.2E-14
Selenium		4.0E-17	1.7E-10	2.2E-11	2.0E-21
Silver		8.4E-13	1.1E-10	1.4E-11	4.1E-17
Thallium (Soluble Salts)		8.1E-08			4.0E-12
Titanium		8.0E-15	6.1E-11	7.6E-12	3.9E-19
Zinc		1.8E-13	1.4E-07	1.7E-08	9.0E-18
NOx					
NOx (Oxides of Nitrogen)			1.6E-06	2.0E-07	
PAHs					
1-Methylnaphthalene	2.4E-16	2.2E-16	3.3E-08	4.1E-09	2.5E-16
1-Methylphenanthrene		1.5E-13	3.9E-09	4.9E-10	7.1E-18
2,3,5-Trimethylnaphthalene		6.8E-14	1.9E-09	2.4E-10	3.3E-18
2,6-Dimethylnaphthalene		1.9E-13	5.1E-09	6.4E-10	9.1E-18
2-Methylnaphthalene	2.3E-16	2.1E-16	3.2E-08	4.0E-09	2.4E-16
Acenaphthylene		6.0E-13	1.9E-08	2.4E-09	2.9E-17
Acenaphthene			3.5E-09	4.3E-10	
Anthracene			6.1E-09	7.6E-10	

Table H-70 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)anthracene	1.6E-07	1.5E-07	3.0E-09	3.7E-10	2.3E-09
Benzo(a)pyrene	1.7E-07	1.5E-07	1.2E-09	1.5E-10	7.6E-12
Benzo(b)fluoranthene	3.0E-07	2.7E-07	1.3E-09	1.6E-10	1.3E-11
Benzo(e)pyrene		3.4E-14	1.0E-09	1.3E-10	1.7E-18
Benzo(g,h,i)perylene		2.5E-14	7.7E-10	9.6E-11	1.2E-18
Benzo(k)fluoranthene	1.2E-07	1.1E-07	1.2E-11	1.5E-12	5.5E-12
Biphenyl		3.3E-15	1.1E-07	1.4E-08	2.0E-15
Chrysene	2.4E-07	2.1E-07	5.1E-09	6.4E-10	1.0E-11
Dibenzo(a,h)anthracene	3.4E-13	3.1E-13	1.9E-10	2.3E-11	1.5E-17
Fluoranthene	6.7E-14	6.1E-14	7.5E-09	9.4E-10	3.0E-18
Fluorene			1.9E-08	2.3E-09	
Indeno(1,2,3-cd)pyrene	9.4E-08	8.6E-08	6.2E-10	7.7E-11	4.2E-12
Napthalene			1.5E-07	1.9E-08	
Perylene		1.3E-14	4.6E-10	5.8E-11	6.5E-19
Phenanthrene			3.5E-08	4.4E-09	
Pyrene	2.5E-13	2.3E-13	7.3E-09	9.1E-10	6.4E-15
Particulate					
Particulate Total Suspended Particulate		3.0E-09	2.3E-05	2.9E-06	1.5E-13
PM<10		3.8E-09	3.1E-05	3.9E-06	1.9E-13
PM<2.5		3.2E-09	2.6E-05	3.3E-06	1.6E-13
PCBs					
Dichlorobiphenyl	6.5E-16	5.5E-16	9.3E-11	1.2E-11	5.1E-17

Table H-70 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Heptachlorobiphenyl	7.5E-17	6.3E-17	1.3E-12	1.6E-13	3.2E-18
Hexachlorobiphenyl	3.4E-16	2.9E-16	5.3E-12	6.7E-13	1.5E-17
Monochlorobiphenyl	4.5E-15	3.8E-15	6.5E-10	8.1E-11	3.5E-16
Nonachlorobiphenyl	1.3E-17	1.1E-17	1.8E-13	2.2E-14	5.7E-19
Octachlorobiphenyl	2.4E-17	2.0E-17	3.9E-13	4.9E-14	1.0E-18
Pentachlorobiphenyl	1.2E-15	1.0E-15	1.8E-11	2.3E-12	5.2E-17
Tetrachlorobiphenyl	2.5E-16	2.1E-16	3.0E-11	3.8E-12	2.0E-17
Trichlorobiphenyl	3.0E-16	2.5E-16	3.8E-11	4.8E-12	2.3E-17
Pesticides					
DDE		6.8E-06			2.2E-07
Dieldrin	2.7E-08	3.2E-08			1.6E-12
SVOCs					
1,2,4-trichlorobenzene			2.7E-10	3.4E-11	
1,2-dichlorobenzene			1.1E-10	1.4E-11	
1,3-dichlorobenzene			1.6E-10	2.0E-11	
1,4-dichlorobenzene			1.5E-09	1.9E-10	
2,4-Dimethylphenol			2.4E-08	3.0E-09	
2-Chlorophenol			4.7E-09	5.9E-10	
2-Methylphenol			5.6E-08	7.0E-09	
2-Nitrophenol			7.6E-09	9.4E-10	
3-Methylphenol & 4-Methylphenol		3.7E-12	1.0E-07	1.3E-08	1.8E-16
4-Nitrophenol			1.3E-08	1.6E-09	

Table H-70 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			1.2E-07	1.5E-08	
Benzoic acid			5.4E-07	6.7E-08	
Benzyl alcohol			4.5E-09	5.6E-10	
bis(2-Ethylhexyl) phthalate	6.7E-12	8.0E-12	1.9E-07	2.4E-08	3.9E-16
Butyl benzyl phthalate	3.3E-15	3.8E-15	6.0E-09	7.5E-10	1.9E-19
Carbazole		1.4E-14	1.7E-10	2.1E-11	6.9E-19
Dibenzofuran	1.4E-16	5.7E-16	9.5E-09	1.2E-09	2.4E-16
Dimethyl phthalate			3.3E-10	4.2E-11	
Di-n-butyl phthalate	3.3E-15	3.9E-15	9.2E-09	1.1E-09	1.9E-19
Di-n-octyl phthalate	9.4E-15	1.1E-14	6.4E-10	8.0E-11	5.5E-19
Hexachlorobutadiene			4.4E-08	5.5E-09	
Isopropanol			5.9E-03		
Phenol			3.0E-07	3.8E-08	
Pyridine			2.9E-08	3.6E-09	
TRS					
Total Reduced Sulfur			2.9E-07	3.6E-08	
VOCs					
1,1,1,2-Tetrachloroethane			1.3E-10	1.7E-11	
1,1,1-Trichloroethane			1.3E-10	1.7E-11	
1,1-Dichloroethene			2.6E-11	3.2E-12	
1,2,3-Trichlorobenzene			5.3E-10	6.7E-11	
1,2,3-Trichloropropane			1.1E-10	1.4E-11	

Table H-70 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			6.2E-09	7.8E-10	
1,2-Dibromoethane			6.9E-11	8.6E-12	
1,2-Dichloroethane			2.3E-05	1.0E-06	
1,3,5-Trimethylbenzene			5.9E-09	7.3E-10	
1,3-Dichloropropane			6.7E-11	8.4E-12	
2-Butanone			3.3E-08	4.1E-09	
2-Chlorotoluene			1.5E-09	1.8E-10	
2-Hexanone			6.8E-09	8.4E-10	
Benzene			8.2E-04	9.7E-06	
Bromobenzene			3.7E-08	4.7E-09	
Bromochloromethane			8.8E-11	1.1E-11	
Bromodichloromethane			9.5E-11	1.2E-11	
Bromomethane			3.8E-09	4.8E-10	
Carbon disulfide			3.3E-09	4.2E-10	
Carbon tetrachloride			1.6E-04	1.5E-05	
Chlorobenzene			4.8E-09	6.0E-10	
Chlorodibromomethane			2.4E-09	3.0E-10	
Chloroethane			9.1E-09	1.1E-09	
Chloroform			3.7E-05	2.4E-06	
Chloromethane			3.1E-08	3.9E-09	
cis-1,2-Dichloroethene			4.0E-09	5.0E-10	
cis-1,3-Dichloropropene			2.4E-11	3.0E-12	

Table H-70 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			2.0E-10	2.5E-11	
Dichlorodifluoromethane			2.5E-10	3.1E-11	
Ethylbenzene			2.1E-04	2.4E-08	
Isopropylbenzene			1.6E-08	2.0E-09	
m&p-Xylene			3.6E-08	4.6E-09	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.6E-10	4.5E-11	
Methylene chloride			1.8E-08	2.3E-09	
n-Butylbenzene			7.8E-09	9.7E-10	
n-Propylbenzene			9.4E-09	1.2E-09	
o-Xylene			2.3E-08	2.9E-09	
p-Chlorotoluene			5.5E-10	6.9E-11	
p-Isopropyltoluene			3.8E-09	4.8E-10	
sec-Butylbenzene			1.4E-09	1.8E-10	
Styrene			5.1E-07	6.4E-08	
tert-Butylbenzene			4.6E-08	5.7E-09	
Tetrachloroethene			1.2E-10	1.5E-11	
Toluene			3.2E-07	3.9E-08	
trans-1,2-Dichloroethene			8.4E-08	1.1E-08	
trans-1,3-Dichloropropene			4.2E-11	5.3E-12	
Trichloroethene			5.0E-06	9.1E-13	
Trichlorofluoromethane			8.7E-11	1.1E-11	
Vinyl chloride			5.0E-09	6.2E-10	

Table H-71 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.0E-04	1.1E-02	3.7E-05	3.5E-03		
Aldehydes											
Acetaldehyde	3.3E-14					5.2E-04	1.9E-02	6.5E-05	6.2E-03		
Formaldehyde	1.6E-13					1.7E+00	7.3E-03	2.7E-05	2.4E-03		
Propionaldehyde				5.5E-10	1.7E-08	5.7E-05	2.1E-03	7.1E-06	6.9E-04	4.1E-06	2.9E-04
CO											
Carbon monoxide						1.6E-02	6.0E-01	2.0E-03	2.0E-01		
CO2											
Carbon dioxide						5.0E-04	1.8E-02	6.3E-05	6.0E-03		
Criteria											
Sulfur Dioxide						1.4E-04	4.4E-03	1.7E-05	1.5E-03		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.5E-19					3.0E-10	1.2E-08	3.8E-11	4.0E-09		
1,2,3,4,6,7,8-HpCDF	1.5E-19					3.1E-10	1.2E-08	3.8E-11	4.0E-09		
1,2,3,4,7,8,9-HpCDF	3.2E-20					3.9E-11	1.6E-09	4.8E-12	5.3E-10		
1,2,3,4,7,8-HxCDD	2.3E-19					3.6E-11	1.5E-09	4.5E-12	4.9E-10		
1,2,3,4,7,8-HxCDF	1.6E-18					3.0E-10	1.2E-08	3.7E-11	4.0E-09		
1,2,3,6,7,8-HxCDD	4.8E-19					7.6E-11	3.1E-09	9.6E-12	1.0E-09		
1,2,3,6,7,8-HxCDF	6.0E-19					9.6E-11	3.9E-09	1.2E-11	1.3E-09		
1,2,3,7,8,9-HxCDD	5.7E-19					1.2E-10	4.7E-09	1.4E-11	1.6E-09		
1,2,3,7,8,9-HxCDF	5.9E-20					7.4E-12	3.0E-10	9.2E-13	1.0E-10		
1,2,3,7,8-PeCDD	2.2E-18					4.6E-11	1.9E-09	5.8E-12	6.3E-10		
1,2,3,7,8-PeCDF	3.1E-18					6.6E-11	2.7E-09	8.2E-12	9.0E-10		

Table H-71 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	9.0E-19					1.5E-10	5.9E-09	1.9E-11	2.0E-09		
2,3,4,7,8-PeCDF	4.6E-18					1.5E-10	6.0E-09	1.8E-11	2.0E-09		
2,3,7,8-TCDD	8.0E-19					1.9E-11	6.2E-10	2.3E-12	2.1E-10		
2,3,7,8-TCDF	2.8E-18					6.8E-11	2.8E-09	8.5E-12	9.3E-10		
OCDD	1.9E-21					2.0E-10	7.9E-09	2.5E-11	2.6E-09		
OCDF	7.1E-22					7.5E-11	2.9E-09	9.4E-12	9.8E-10		
HCN											
Hydrogen cyanide						5.7E-05	2.2E-03	7.1E-06	7.3E-04		
Metals											
Aluminum				4.1E-03						2.0E-04	
Antimony	5.6E-18			2.8E-07		3.7E-06	9.2E-05	4.7E-07	3.1E-05	1.3E-08	
Arsenic	7.3E-16	9.7E-07	3.0E-11	2.3E-06	1.4E-10	2.1E-07	7.5E-06	2.7E-08	2.5E-06	1.9E-07	2.5E-11
Barium	4.3E-13					4.5E-05	1.2E-03	5.6E-06	4.0E-04		
Beryllium	2.4E-17			4.6E-13	1.7E-11	1.5E-08	5.2E-07	1.9E-09	1.7E-07	2.2E-14	1.9E-12
Cadmium	6.6E-15			7.8E-12	3.0E-10	2.7E-07	9.4E-06	3.4E-08	3.1E-06	3.8E-13	3.2E-11
Chromium	5.2E-16					2.3E-06	8.3E-05	2.9E-07	2.8E-05		
Cobalt				1.2E-05		3.5E-06	6.4E-05	4.4E-07	2.1E-05	5.7E-07	
Copper						6.3E-06	2.2E-04	7.9E-07	7.2E-05		
Iron				9.8E-03						4.8E-04	
Lead	5.1E-18			4.0E-05	2.5E-09	2.1E-06	7.0E-05	2.7E-07	2.3E-05	1.9E-06	2.6E-10
Manganese				5.7E-11	2.2E-09	1.9E-06	6.7E-05	2.4E-07	2.2E-05	2.8E-12	2.4E-10
Mercury (+2)						8.4E-09	3.0E-07	1.1E-09	9.9E-08		
Mercury, elemental				9.6E-09		3.5E-11	1.2E-09	4.4E-12	4.1E-10	1.9E-05	
Methyl Mercury	1.5E-15										

Table H-71 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	2.7E-15			2.0E-04	1.4E-09	1.2E-06	4.3E-05	1.5E-07	1.4E-05	9.7E-06	1.5E-10
Phosphorus				3.0E-10	1.1E-08	9.4E-06	3.1E-04	1.2E-06	1.0E-04	2.9E-06	2.3E-04
Selenium	4.6E-16			1.8E-12	7.0E-11	6.2E-08	2.2E-06	7.8E-09	7.3E-07	8.9E-14	7.5E-12
Silver	5.8E-17			1.3E-13	4.8E-12	4.1E-08	1.3E-06	5.1E-09	4.5E-07	6.3E-15	5.1E-13
Thallium (Soluble Salts)				2.9E-08						1.4E-09	
Titanium				5.7E-13	2.3E-11	2.2E-08	8.1E-07	2.7E-09	2.7E-07	2.8E-14	2.5E-12
Zinc	3.3E-12			1.7E-09	6.0E-08	4.9E-05	1.4E-03	6.1E-06	4.7E-04	8.4E-11	6.5E-09
NOx											
NOx (Oxides of Nitrogen)						5.6E-04	1.9E-02	7.0E-05	6.2E-03		
PAHs											
1-Methylnaphthalene		9.7E-11	2.0E-09	8.8E-11	3.6E-09	1.2E-05	4.9E-04	1.5E-06	1.6E-04	1.0E-07	9.0E-06
1-Methylphenanthrene				1.0E-11	4.3E-10	1.4E-06	5.9E-05	1.8E-07	2.0E-05	5.1E-13	4.6E-11
2,3,5-Trimethylnaphthalene				4.9E-12	2.1E-10	7.0E-07	3.0E-05	8.7E-08	1.0E-05	2.4E-13	2.3E-11
2,6-Dimethylnaphthalene				1.3E-11	5.6E-10	1.8E-06	7.8E-05	2.3E-07	2.6E-05	6.5E-13	6.1E-11
2-Methylnaphthalene		9.4E-11	1.9E-09	8.5E-11	3.5E-09	1.1E-05	4.8E-04	1.4E-06	1.6E-04	9.8E-08	8.8E-06
Acenaphthylene				4.9E-11	2.1E-09	6.7E-06	2.9E-04	8.4E-07	9.5E-05	2.4E-12	2.2E-10
Acenaphthene	1.2E-15					1.2E-06	5.2E-05	1.5E-07	1.7E-05		
Anthracene	1.5E-14					2.2E-06	9.2E-05	2.7E-07	3.1E-05		
Benzo(a)anthracene	2.3E-12	5.9E-08	5.2E-11	5.4E-08	9.5E-11	1.1E-06	4.6E-05	1.3E-07	1.5E-05	8.1E-07	3.2E-09
Benzo(a)pyrene	1.2E-12	6.1E-08	3.7E-11	5.5E-08	6.7E-11	4.2E-07	1.8E-05	5.3E-08	5.9E-06	2.7E-09	7.3E-12
Benzo(b)fluoranthene	3.0E-13	1.1E-07	1.5E-12	9.8E-08	2.8E-12	4.7E-07	1.9E-05	5.9E-08	6.3E-06	4.8E-09	3.0E-13
Benzo(e)pyrene				2.8E-12	1.1E-10	3.6E-07	1.5E-05	4.5E-08	4.9E-06	1.4E-13	1.2E-11
Benzo(g,h,i)perylene				2.1E-12	8.4E-11	2.7E-07	1.1E-05	3.4E-08	3.8E-06	1.0E-13	9.0E-12
Benzo(k)fluoranthene	1.4E-15	4.4E-08		4.0E-08		4.2E-09	7.4E-08	5.2E-10	2.5E-08	1.9E-09	

Table H-71 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				2.9E-10	1.2E-08	4.0E-05	1.7E-03	5.0E-06	5.6E-04	1.7E-07	1.6E-05
Chrysene	3.6E-13	8.4E-08	4.3E-12	7.6E-08	7.9E-12	1.8E-06	7.6E-05	2.3E-07	2.5E-05	3.7E-09	8.5E-13
Dibenze(a,h)anthracene	5.4E-14	9.8E-14	1.9E-12	8.9E-14	3.5E-12	6.6E-08	2.7E-06	8.3E-09	9.1E-07	4.3E-15	3.8E-13
Fluoranthene	1.0E-13	1.8E-13	3.7E-12	1.6E-13	6.7E-12	2.7E-06	1.1E-04	3.3E-07	3.7E-05	8.0E-15	7.2E-13
Fluorene	2.2E-14					6.7E-06	2.8E-04	8.4E-07	9.4E-05		
Indeno(1,2,3-cd)pyrene	2.4E-13	3.4E-08	1.9E-11	3.1E-08	3.4E-11	2.2E-07	9.1E-06	2.7E-08	3.0E-06	1.5E-09	3.7E-12
Napthalene	1.0E-14					5.3E-05	2.2E-03	6.6E-06	7.4E-04		
Perylene				1.1E-12	5.0E-11	1.6E-07	7.3E-06	2.1E-08	2.4E-06	5.3E-14	5.4E-12
Phenanthrene	1.0E-13					1.3E-05	5.2E-04	1.6E-06	1.7E-04		
Pyrene	7.2E-14					2.6E-06	1.1E-04	3.3E-07	3.6E-05		
Particulate											
Particulate Total Suspended Particulate				2.1E-07	8.7E-06	8.4E-03	3.2E-01	1.0E-03	1.1E-01	1.0E-08	9.4E-07
PM<10				2.7E-07	1.1E-05	1.1E-02	4.3E-01	1.4E-03	1.4E-01	1.3E-08	1.2E-06
PM<2.5				2.3E-07	9.6E-06	9.4E-03	3.7E-01	1.2E-03	1.2E-01	1.1E-08	1.0E-06
PCBs											
Dichlorobiphenyl	2.2E-15					3.3E-08	1.4E-06	4.1E-09	4.5E-07		
Heptachlorobiphenyl	8.1E-17					4.5E-10	1.8E-08	5.7E-11	6.1E-09		
Hexachlorobiphenyl	3.3E-16					1.9E-09	7.4E-08	2.4E-10	2.5E-08		
Monochlorobiphenyl	1.5E-14					2.3E-07	9.5E-06	2.9E-08	3.2E-06		
Nonachlorobiphenyl	1.0E-17					6.4E-11	2.3E-09	8.0E-12	7.6E-10		
Octachlorobiphenyl	2.4E-17					1.4E-10	5.4E-09	1.7E-11	1.8E-09		
Pentachlorobiphenyl	1.1E-15					6.5E-09	2.5E-07	8.1E-10	8.2E-08		
Tetrachlorobiphenyl	6.5E-16					1.1E-08	4.0E-07	1.3E-09	1.3E-07		
Trichlorobiphenyl	8.4E-16					1.4E-08	5.3E-07	1.7E-09	1.8E-07		

Table H-71 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				2.4E-06						7.8E-05	
Dieldrin		9.6E-09		1.1E-08						5.5E-10	
SVOCs											
1,2,4-trichlorobenzene						9.6E-08	3.1E-06	1.2E-08	1.0E-06		
1,2-dichlorobenzene	9.8E-19					3.9E-08	6.9E-07	4.9E-09	2.3E-07		
1,3-dichlorobenzene	2.5E-18					5.8E-08	2.0E-06	7.2E-09	6.6E-07		
1,4-dichlorobenzene	3.3E-17					5.4E-07	2.4E-05	6.8E-08	8.1E-06		
2,4-Dimethylphenol	9.0E-16					8.5E-06	3.4E-04	1.1E-06	1.1E-04		
2-Chlorophenol	4.6E-17					1.7E-06	7.4E-05	2.1E-07	2.5E-05		
2-Methylphenol	1.9E-14					2.0E-05	8.4E-04	2.5E-06	2.8E-04		
2-Nitrophenol	1.1E-16					2.7E-06	1.1E-04	3.4E-07	3.7E-05		
3-Methylphenol & 4-Methylphenol				2.6E-10	1.1E-08	3.6E-05	1.5E-03	4.5E-06	5.0E-04	1.3E-11	1.2E-09
4-Nitrophenol	2.3E-16					4.5E-06	1.7E-04	5.6E-07	5.8E-05		
Acetophenone	1.4E-15					4.2E-05	1.7E-03	5.3E-06	5.8E-04		
Benzoic acid	5.7E-15					1.9E-04	8.0E-03	2.4E-05	2.7E-03		
Benzyl alcohol	3.5E-18					1.6E-06	4.9E-05	2.0E-07	1.6E-05		
bis(2-Ethylhexyl) phthalate	2.5E-13	4.2E-10	7.6E-09	5.0E-10	1.8E-08	6.8E-05	2.6E-03	8.5E-06	8.8E-04	2.5E-11	1.9E-09
Butyl benzyl phthalate	6.5E-14	6.7E-13	1.4E-11	7.9E-13	3.3E-11	2.1E-06	8.9E-05	2.7E-07	3.0E-05	3.9E-14	3.5E-12
Carbazole				1.0E-12	1.9E-11	6.0E-08	1.1E-06	7.5E-09	3.6E-07	4.9E-14	2.0E-12
Dibenzofuran		6.6E-12	1.3E-10	2.6E-11	1.0E-09	3.4E-06	1.4E-04	4.3E-07	4.7E-05	1.1E-08	9.8E-07
Dimethyl phthalate	2.3E-17					1.2E-07	2.1E-06	1.5E-08	7.1E-07		
Di-n-butyl phthalate	6.0E-13	2.1E-13	4.2E-12	2.4E-13	1.0E-11	3.3E-06	1.4E-04	4.1E-07	4.5E-05	1.2E-14	1.1E-12
Di-n-octyl phthalate	6.6E-18	4.9E-13	4.5E-12	5.7E-13	1.1E-11	2.3E-07	4.1E-06	2.9E-08	1.4E-06	2.8E-14	1.1E-12

Table H-71 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	2.4E-15					1.6E-05	2.8E-04	2.0E-06	9.4E-05		
Isopropanol						2.1E+00					
Phenol	5.3E-14					1.1E-04	4.5E-03	1.3E-05	1.5E-03		
Pyridine	2.7E-15					1.0E-05	4.2E-04	1.3E-06	1.4E-04		
TRS											
Total Reduced Sulfur						1.0E-04	4.5E-03	1.3E-05	1.5E-03		
VOCs											
1,1,1,2-Tetrachloroethane	9.6E-19					4.8E-08	1.6E-06	6.0E-09	5.4E-07		
1,1,1-Trichloroethane	6.3E-20					4.7E-08	1.8E-06	5.9E-09	5.9E-07		
1,1-Dichloroethene	2.1E-21					9.3E-09	1.7E-07	1.2E-09	5.5E-08		
1,2,3-Trichlorobenzene	6.7E-17					1.9E-07	7.1E-06	2.4E-08	2.4E-06		
1,2,3-Trichloropropane	3.9E-19					3.9E-08	6.9E-07	4.8E-09	2.3E-07		
1,2,4-Trimethylbenzene						2.2E-06	7.1E-05	2.8E-07	2.4E-05		
1,2-Dibromoethane	1.3E-19					2.5E-08	4.4E-07	3.1E-09	1.5E-07		
1,2-Dichloroethane	4.2E-18					8.2E-03	3.7E-05	3.6E-04	1.2E-05		
1,3,5-Trimethylbenzene	2.2E-17					2.1E-06	6.2E-05	2.6E-07	2.1E-05		
1,3-Dichloropropane						2.4E-08	4.3E-07	3.0E-09	1.4E-07		
2-Butanone	8.7E-16					1.2E-05	4.7E-04	1.5E-06	1.6E-04		
2-Chlorotoluene						5.3E-07	2.2E-05	6.6E-08	7.2E-06		
2-Hexanone						2.4E-06	8.8E-05	3.0E-07	2.9E-05		
Benzene	7.0E-16					2.9E-01	1.2E-02	3.5E-03	4.1E-03		
Bromobenzene						1.3E-05	2.4E-04	1.7E-06	7.9E-05		
Bromochloromethane						3.1E-08	5.6E-07	3.9E-09	1.9E-07		
Bromodichloromethane	1.1E-19					3.4E-08	6.1E-07	4.3E-09	2.0E-07		

Table H-71 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromomethane	4.8E-19					1.4E-06	4.1E-05	1.7E-07	1.4E-05		
Carbon disulfide	4.5E-19					1.2E-06	3.5E-05	1.5E-07	1.2E-05		
Carbon tetrachloride	4.8E-20					5.5E-02	1.4E-06	5.5E-03	4.6E-07		
Chlorobenzene	1.7E-17					1.7E-06	6.1E-05	2.1E-07	2.0E-05		
Chlorodibromomethane	6.5E-18					8.5E-07	1.5E-05	1.1E-07	5.0E-06		
Chloroethane	1.3E-18					3.3E-06	1.1E-04	4.1E-07	3.8E-05		
Chloroform	1.0E-18					1.3E-02	1.4E-05	8.6E-04	4.5E-06		
Chloromethane	3.5E-18					1.1E-05	3.3E-04	1.4E-06	1.1E-04		
cis-1,2-Dichloroethene	1.4E-18					1.4E-06	2.5E-05	1.8E-07	8.4E-06		
cis-1,3-Dichloropropene						8.7E-09	1.6E-07	1.1E-09	5.2E-08		
Dibromomethane	1.5E-19					7.3E-08	1.3E-06	9.1E-09	4.3E-07		
Dichlorodifluoromethane	1.7E-21					8.9E-08	1.6E-06	1.1E-08	5.3E-07		
Ethylbenzene	5.3E-16					7.7E-02	2.6E-03	8.7E-06	8.8E-04		
Isopropylbenzene	7.0E-19					5.6E-06	1.9E-04	7.0E-07	6.4E-05		
m&p-Xylene	8.4E-17					1.3E-05	4.4E-04	1.6E-06	1.5E-04		
Methyl Isobutyl Ketone (4-methyl-2-per	8.6E-19					1.3E-07	2.3E-06	1.6E-08	7.6E-07		
Methylene chloride	9.3E-18					6.4E-06	2.4E-04	8.1E-07	7.9E-05		
n-Butylbenzene						2.8E-06	8.3E-05	3.5E-07	2.8E-05		
n-Propylbenzene						3.3E-06	1.1E-04	4.2E-07	3.7E-05		
o-Xylene	9.9E-17					8.2E-06	2.7E-04	1.0E-06	9.1E-05		
p-Chlorotoluene						2.0E-07	6.0E-06	2.5E-08	2.0E-06		
p-Isopropyltoluene						1.4E-06	3.3E-05	1.7E-07	1.1E-05		
sec-Butylbenzene						5.1E-07	1.5E-05	6.4E-08	5.1E-06		
Styrene	3.3E-15					1.8E-04	6.7E-03	2.3E-05	2.2E-03		

Table H-71 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						1.6E-05	2.9E-04	2.0E-06	9.7E-05		
Tetrachloroethene	2.4E-19					4.3E-08	1.5E-06	5.4E-09	5.0E-07		
Toluene	5.6E-16					1.1E-04	4.4E-03	1.4E-05	1.5E-03		
trans-1,2-Dichloroethene	2.1E-17					3.0E-05	5.4E-04	3.8E-06	1.8E-04		
trans-1,3-Dichloropropene						1.5E-08	2.7E-07	1.9E-09	9.0E-08		
Trichloroethene	2.4E-21					1.8E-03	4.6E-08	3.2E-10	1.5E-08		
Trichlorofluoromethane	3.7E-21					3.1E-08	5.6E-07	3.9E-09	1.9E-07		
Vinyl chloride	1.7E-19					1.8E-06	4.3E-05	2.2E-07	1.4E-05		

Table H-72 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	3.0E-05	1.0E-07	9.9E-06		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	5.2E-05	1.8E-07	1.7E-05		
Formaldehyde	4.5E-13					4.8E-03	2.0E-05	7.7E-08	6.8E-06		
Propionaldehyde				2.2E-15	7.2E-14	1.6E-07	5.8E-06	2.0E-08	1.9E-06	1.7E-14	1.2E-12
CO											
Carbon monoxide						4.5E-05	1.7E-03	5.6E-06	5.6E-04		
CO2											
Carbon dioxide						1.4E-06	5.0E-05	1.8E-07	1.7E-05		
Criteria											
Sulfur Dioxide						3.8E-07	1.2E-05	4.7E-08	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	2.6E-14	5.5E-15	2.1E-13	8.5E-13	3.4E-11	1.1E-13	1.1E-11	2.7E-19	2.2E-17
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.6E-14	5.5E-15	2.1E-13	8.6E-13	3.4E-11	1.1E-13	1.1E-11	2.7E-19	2.2E-17
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	3.1E-15	6.4E-16	2.5E-14	1.1E-13	4.4E-12	1.4E-14	1.5E-12	3.1E-20	2.7E-18
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	3.0E-15	6.2E-16	2.4E-14	1.0E-13	4.1E-12	1.3E-14	1.4E-12	3.1E-20	2.6E-18
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	2.4E-14	4.9E-15	1.9E-13	8.3E-13	3.3E-11	1.0E-13	1.1E-11	2.4E-19	2.1E-17
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	6.2E-15	1.3E-15	4.9E-14	2.1E-13	8.7E-12	2.7E-14	2.9E-12	6.2E-20	5.3E-18
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	8.0E-15	1.6E-15	6.3E-14	2.7E-13	1.1E-11	3.4E-14	3.6E-12	7.9E-20	6.8E-18
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	9.8E-15	2.0E-15	7.7E-14	3.2E-13	1.3E-11	4.1E-14	4.4E-12	9.8E-20	8.3E-18
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	5.8E-16	1.2E-16	4.5E-15	2.1E-14	8.4E-13	2.6E-15	2.8E-13	5.7E-21	4.9E-19
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	3.5E-15	7.0E-16	2.8E-14	1.3E-13	5.3E-12	1.6E-14	1.8E-12	3.5E-20	3.0E-18
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	4.1E-15	8.3E-16	3.3E-14	1.8E-13	7.5E-12	2.3E-14	2.5E-12	4.0E-20	3.5E-18

Table H-72 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	1.2E-14	2.5E-15	9.5E-14	4.2E-13	1.7E-11	5.2E-14	5.6E-12	1.2E-19	1.0E-17
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	9.9E-15	2.0E-15	7.8E-14	4.1E-13	1.7E-11	5.2E-14	5.6E-12	9.7E-20	8.4E-18
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.2E-16	1.4E-16	4.1E-15	5.2E-14	1.7E-12	6.5E-15	5.8E-13	4.9E-18	3.1E-16
2,3,7,8-TCDF	8.0E-18	6.6E-17	1.3E-15	2.6E-16	1.0E-14	1.9E-13	7.8E-12	2.4E-14	2.6E-12	1.3E-20	1.1E-18
OCDD	1.8E-20	9.4E-16	1.7E-14	3.7E-15	1.4E-13	5.6E-13	2.2E-11	7.0E-14	7.4E-12	1.8E-19	1.5E-17
OCDF	6.7E-21	3.6E-16	6.5E-15	1.4E-15	5.1E-14	2.1E-13	8.2E-12	2.6E-14	2.7E-12	7.0E-20	5.5E-18
HCN											
Hydrogen cyanide						1.6E-07	6.2E-06	2.0E-08	2.1E-06		
Metals											
Aluminum				1.2E-02						5.7E-07	
Antimony	1.6E-17			7.7E-07		1.0E-08	2.6E-07	1.3E-09	8.6E-08	3.8E-11	
Arsenic	8.1E-16	2.7E-06	4.8E-17	6.4E-06	2.3E-16	5.9E-10	2.1E-08	7.4E-11	7.0E-09	5.2E-10	4.1E-20
Barium	2.3E-12			3.1E-09	1.1E-07	1.3E-07	3.4E-06	1.6E-08	1.1E-06	1.5E-13	1.2E-11
Beryllium	3.3E-17			1.0E-15	3.9E-14	4.3E-11	1.5E-09	5.4E-12	4.8E-10	5.1E-20	4.3E-18
Cadmium	8.3E-15			8.2E-16	3.1E-14	7.6E-10	2.6E-08	9.5E-11	8.8E-09	4.0E-20	3.4E-18
Chromium	2.6E-15			8.3E-11	3.2E-09	6.5E-09	2.3E-07	8.1E-10	7.7E-08	4.1E-15	3.5E-13
Cobalt				3.3E-05	1.0E-08	9.8E-09	1.8E-07	1.2E-09	6.0E-08	1.6E-09	1.1E-12
Copper				3.4E-10	1.3E-08	1.8E-08	6.1E-07	2.2E-09	2.0E-07	1.6E-14	1.4E-12
Iron				2.7E-02						1.3E-06	
Lead	6.9E-18			1.1E-04	3.8E-12	6.0E-09	2.0E-07	7.5E-10	6.5E-08	5.5E-09	4.1E-16
Manganese				8.0E-13	3.1E-11	5.5E-09	1.9E-07	6.8E-10	6.3E-08	3.9E-17	3.3E-15
Mercury (+2)				3.4E-14	1.1E-12	2.4E-11	8.3E-10	2.9E-12	2.8E-10	1.7E-18	1.1E-16
Mercury, elemental				2.7E-08		9.8E-14	3.5E-12	1.2E-14	1.2E-12	5.2E-08	
Methyl Mercury	8.7E-15			2.0E-15	7.9E-14					1.0E-19	8.5E-18

Table H-72 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	1.6E-13	3.5E-09	1.2E-07	4.3E-10	4.0E-08	2.7E-08	1.7E-17
Phosphorus				7.5E-15	2.8E-13	2.6E-08	8.6E-07	3.3E-09	2.9E-07	7.2E-14	5.9E-12
Selenium	2.8E-16			4.0E-17	1.6E-15	1.7E-10	6.1E-09	2.2E-11	2.0E-09	2.0E-21	1.7E-19
Silver	2.1E-16			8.4E-13	3.1E-11	1.1E-10	3.7E-09	1.4E-11	1.2E-09	4.1E-17	3.4E-15
Thallium (Soluble Salts)				8.1E-08						4.0E-12	
Titanium				8.0E-15	3.2E-13	6.1E-11	2.3E-09	7.6E-12	7.6E-10	3.9E-19	3.5E-17
Zinc	4.1E-12			1.8E-13	6.5E-12	1.4E-07	3.9E-06	1.7E-08	1.3E-06	9.0E-18	7.0E-16
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	5.2E-05	2.0E-07	1.7E-05		
PAHs											
1-Methylnaphthalene		2.4E-16	4.9E-15	2.2E-16	8.9E-15	3.3E-08	1.4E-06	4.1E-09	4.6E-07	2.5E-16	2.2E-14
1-Methylphenanthrene				1.5E-13	6.0E-12	3.9E-09	1.7E-07	4.9E-10	5.5E-08	7.1E-18	6.5E-16
2,3,5-Trimethylnaphthalene				6.8E-14	3.0E-12	1.9E-09	8.4E-08	2.4E-10	2.8E-08	3.3E-18	3.2E-16
2,6-Dimethylnaphthalene				1.9E-13	7.9E-12	5.1E-09	2.2E-07	6.4E-10	7.3E-08	9.1E-18	8.5E-16
2-Methylnaphthalene		2.3E-16	4.7E-15	2.1E-16	8.6E-15	3.2E-08	1.3E-06	4.0E-09	4.4E-07	2.4E-16	2.2E-14
Acenaphthylene				6.0E-13	2.5E-11	1.9E-08	8.0E-07	2.4E-09	2.7E-07	2.9E-17	2.7E-15
Acenaphthene	3.4E-15					3.5E-09	1.4E-07	4.3E-10	4.8E-08		
Anthracene	4.3E-14					6.1E-09	2.6E-07	7.6E-10	8.6E-08		
Benzo(a)anthracene	6.2E-12	1.6E-07	4.4E-11	1.5E-07	8.0E-11	3.0E-09	1.3E-07	3.7E-10	4.3E-08	2.3E-09	2.7E-12
Benzo(a)pyrene	3.1E-12	1.7E-07	1.8E-11	1.5E-07	3.3E-11	1.2E-09	4.9E-08	1.5E-10	1.6E-08	7.6E-12	3.6E-15
Benzo(b)fluoranthene	8.3E-13	3.0E-07	1.0E-12	2.7E-07	1.8E-12	1.3E-09	5.3E-08	1.6E-10	1.8E-08	1.3E-11	2.0E-16
Benzo(e)pyrene				3.4E-14	1.3E-12	1.0E-09	4.1E-08	1.3E-10	1.4E-08	1.7E-18	1.4E-16
Benzo(g,h,i)perylene				2.5E-14	1.0E-12	7.7E-10	3.2E-08	9.6E-11	1.1E-08	1.2E-18	1.1E-16
Benzo(k)fluoranthene	7.4E-15	1.2E-07	6.4E-13	1.1E-07	1.2E-12	1.2E-11	2.1E-10	1.5E-12	6.9E-11	5.5E-12	1.3E-16

Table H-72 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	1.4E-13	1.1E-07	4.7E-06	1.4E-08	1.6E-06	2.0E-15	1.8E-13
Chrysene	1.1E-12	2.4E-07	5.5E-11	2.1E-07	9.9E-11	5.1E-09	2.1E-07	6.4E-10	7.1E-08	1.0E-11	1.1E-14
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	6.7E-12	3.1E-13	1.2E-11	1.9E-10	7.6E-09	2.3E-11	2.5E-09	1.5E-17	1.3E-15
Fluoranthene	2.8E-13	6.7E-14	1.4E-12	6.1E-14	2.5E-12	7.5E-09	3.1E-07	9.4E-10	1.0E-07	3.0E-18	2.7E-16
Fluorene	6.1E-14					1.9E-08	7.9E-07	2.3E-09	2.6E-07		
Indeno(1,2,3-cd)pyrene	4.0E-13	9.4E-08	1.8E-11	8.6E-08	3.3E-11	6.2E-10	2.5E-08	7.7E-11	8.5E-09	4.2E-12	3.6E-15
Napthalene	2.8E-14					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Perylene				1.3E-14	6.2E-13	4.6E-10	2.0E-08	5.8E-11	6.8E-09	6.5E-19	6.6E-17
Phenanthrene	2.9E-13					3.5E-08	1.5E-06	4.4E-09	4.8E-07		
Pyrene	2.0E-13	2.5E-13	5.1E-12	2.3E-13	9.3E-12	7.3E-09	3.0E-07	9.1E-10	1.0E-07	6.4E-15	5.8E-13
Particulate											
Particulate Total Suspended Particulate				3.0E-09	1.2E-07	2.3E-05	9.0E-04	2.9E-06	3.0E-04	1.5E-13	1.3E-11
PM<10				3.8E-09	1.6E-07	3.1E-05	1.2E-03	3.9E-06	4.0E-04	1.9E-13	1.7E-11
PM<2.5				3.2E-09	1.3E-07	2.6E-05	1.0E-03	3.3E-06	3.5E-04	1.6E-13	1.4E-11
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	1.3E-14	5.5E-16	2.2E-14	9.3E-11	3.8E-09	1.2E-11	1.3E-09	5.1E-17	4.5E-15
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.4E-15	6.3E-17	2.4E-15	1.3E-12	5.1E-11	1.6E-13	1.7E-11	3.2E-18	2.7E-16
Hexachlorobiphenyl	9.3E-16	3.4E-16	6.1E-15	2.9E-16	1.0E-14	5.3E-12	2.1E-10	6.7E-13	6.9E-11	1.5E-17	1.1E-15
Monochlorobiphenyl	4.3E-14	4.5E-15	9.0E-14	3.8E-15	1.5E-13	6.5E-10	2.7E-08	8.1E-11	8.9E-09	3.5E-16	3.1E-14
Nonachlorobiphenyl	2.9E-17	1.3E-17	2.1E-16	1.1E-17	3.5E-16	1.8E-13	6.4E-12	2.2E-14	2.1E-12	5.7E-19	3.9E-17
Octachlorobiphenyl	6.8E-17	2.4E-17	4.4E-16	2.0E-17	7.5E-16	3.9E-13	1.5E-11	4.9E-14	5.1E-12	1.0E-18	8.4E-17
Pentachlorobiphenyl	3.1E-15	1.2E-15	2.1E-14	1.0E-15	3.5E-14	1.8E-11	6.9E-10	2.3E-12	2.3E-10	5.2E-17	3.9E-15
Tetrachlorobiphenyl	1.8E-15	2.5E-16	4.2E-15	2.1E-16	7.1E-15	3.0E-11	1.1E-09	3.8E-12	3.8E-10	2.0E-17	1.5E-15
Trichlorobiphenyl	2.4E-15	3.0E-16	5.3E-15	2.5E-16	9.0E-15	3.8E-11	1.5E-09	4.8E-12	4.9E-10	2.3E-17	1.8E-15

Table H-72 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				6.8E-06						2.2E-07	
Dieldrin		2.7E-08		3.2E-08						1.6E-12	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	8.7E-09	3.4E-11	2.9E-09		
1,2-dichlorobenzene	2.8E-18					1.1E-10	1.9E-09	1.4E-11	6.5E-10		
1,3-dichlorobenzene	6.9E-18					1.6E-10	5.5E-09	2.0E-11	1.8E-09		
1,4-dichlorobenzene	9.2E-17					1.5E-09	6.8E-08	1.9E-10	2.3E-08		
2,4-Dimethylphenol	2.5E-15					2.4E-08	9.5E-07	3.0E-09	3.2E-07		
2-Chlorophenol	1.3E-16					4.7E-09	2.1E-07	5.9E-10	6.9E-08		
2-Methylphenol	5.3E-14					5.6E-08	2.3E-06	7.0E-09	7.8E-07		
2-Nitrophenol	3.2E-16					7.6E-09	3.1E-07	9.4E-10	1.0E-07		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.5E-10	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.8E-16	1.7E-14
4-Nitrophenol	6.5E-16					1.3E-08	4.8E-07	1.6E-09	1.6E-07		
Acetophenone	3.9E-15					1.2E-07	4.9E-06	1.5E-08	1.6E-06		
Benzoic acid	1.6E-14					5.4E-07	2.2E-05	6.7E-08	7.5E-06		
Benzyl alcohol	9.8E-18					4.5E-09	1.4E-07	5.6E-10	4.5E-08		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	1.2E-10	8.0E-12	2.9E-10	1.9E-07	7.4E-06	2.4E-08	2.5E-06	3.9E-16	3.1E-14
Butyl benzyl phthalate	1.8E-13	3.3E-15	6.6E-14	3.8E-15	1.6E-13	6.0E-09	2.5E-07	7.5E-10	8.3E-08	1.9E-19	1.7E-17
Carbazole				1.4E-14	2.6E-13	1.7E-10	3.0E-09	2.1E-11	1.0E-09	6.9E-19	2.8E-17
Dibenzofuran		1.4E-16	2.9E-15	5.7E-16	2.3E-14	9.5E-09	3.9E-07	1.2E-09	1.3E-07	2.4E-16	2.1E-14
Dimethyl phthalate	6.5E-17					3.3E-10	5.9E-09	4.2E-11	2.0E-09		
Di-n-butyl phthalate	1.7E-12	3.3E-15	6.7E-14	3.9E-15	1.6E-13	9.2E-09	3.8E-07	1.1E-09	1.3E-07	1.9E-19	1.7E-17
Di-n-octyl phthalate	1.3E-17	9.4E-15	8.7E-14	1.1E-14	2.1E-13	6.4E-10	1.1E-08	8.0E-11	3.8E-09	5.5E-19	2.2E-17

Table H-72 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	7.9E-07	5.5E-09	2.6E-07		
Isopropanol						5.9E-03					
Phenol	1.5E-13					3.0E-07	1.2E-05	3.8E-08	4.2E-06		
Pyridine	7.7E-15					2.9E-08	1.2E-06	3.6E-09	4.0E-07		
TRS											
Total Reduced Sulfur						2.9E-07	1.3E-05	3.6E-08	4.2E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	4.6E-09	1.7E-11	1.5E-09		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	5.0E-09	1.7E-11	1.7E-09		
1,1-Dichloroethene	6.0E-21					2.6E-11	4.6E-10	3.2E-12	1.5E-10		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	2.0E-08	6.7E-11	6.6E-09		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	1.9E-09	1.4E-11	6.4E-10		
1,2,4-Trimethylbenzene						6.2E-09	2.0E-07	7.8E-10	6.6E-08		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.2E-09	8.6E-12	4.1E-10		
1,2-Dichloroethane	1.2E-17					2.3E-05	1.0E-07	1.0E-06	3.5E-08		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.7E-07	7.3E-10	5.8E-08		
1,3-Dichloropropane						6.7E-11	1.2E-09	8.4E-12	4.0E-10		
2-Butanone	2.4E-15					3.3E-08	1.3E-06	4.1E-09	4.4E-07		
2-Chlorotoluene						1.5E-09	6.1E-08	1.8E-10	2.0E-08		
2-Hexanone						6.8E-09	2.5E-07	8.4E-10	8.2E-08		
Benzene	2.0E-15					8.2E-04	3.4E-05	9.7E-06	1.1E-05		
Bromobenzene						3.7E-08	6.6E-07	4.7E-09	2.2E-07		
Bromochloromethane						8.8E-11	1.6E-09	1.1E-11	5.2E-10		
Bromodichloromethane	3.1E-19					9.5E-11	1.7E-09	1.2E-11	5.7E-10		

Table H-72 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	1.1E-07	4.8E-10	3.8E-08		
Carbon disulfide	1.3E-18					3.3E-09	9.8E-08	4.2E-10	3.3E-08		
Carbon tetrachloride	1.3E-19					1.6E-04	3.9E-09	1.5E-05	1.3E-09		
Chlorobenzene	4.7E-17					4.8E-09	1.7E-07	6.0E-10	5.7E-08		
Chlorodibromomethane	1.8E-17					2.4E-09	4.2E-08	3.0E-10	1.4E-08		
Chloroethane	3.7E-18					9.1E-09	3.2E-07	1.1E-09	1.1E-07		
Chloroform	2.8E-18					3.7E-05	3.8E-08	2.4E-06	1.3E-08		
Chloromethane	9.8E-18					3.1E-08	9.4E-07	3.9E-09	3.1E-07		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	7.1E-08	5.0E-10	2.4E-08		
cis-1,3-Dichloropropene						2.4E-11	4.3E-10	3.0E-12	1.4E-10		
Dibromomethane	4.2E-19					2.0E-10	3.6E-09	2.5E-11	1.2E-09		
Dichlorodifluoromethane	4.7E-21					2.5E-10	4.4E-09	3.1E-11	1.5E-09		
Ethylbenzene	1.5E-15					2.1E-04	7.4E-06	2.4E-08	2.5E-06		
Isopropylbenzene	2.0E-18					1.6E-08	5.4E-07	2.0E-09	1.8E-07		
m&p-Xylene	2.4E-16					3.6E-08	1.2E-06	4.6E-09	4.1E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	6.4E-09	4.5E-11	2.1E-09		
Methylene chloride	2.6E-17					1.8E-08	6.6E-07	2.3E-09	2.2E-07		
n-Butylbenzene						7.8E-09	2.3E-07	9.7E-10	7.7E-08		
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07		
o-Xylene	2.8E-16					2.3E-08	7.6E-07	2.9E-09	2.5E-07		
p-Chlorotoluene						5.5E-10	1.7E-08	6.9E-11	5.6E-09		
p-Isopropyltoluene						3.8E-09	9.2E-08	4.8E-10	3.1E-08		
sec-Butylbenzene						1.4E-09	4.3E-08	1.8E-10	1.4E-08		
Styrene	9.4E-15					5.1E-07	1.9E-05	6.4E-08	6.2E-06		

Table H-72 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						4.6E-08	8.1E-07	5.7E-09	2.7E-07		
Tetrachloroethene	6.6E-19					1.2E-10	4.2E-09	1.5E-11	1.4E-09		
Toluene	1.6E-15					3.2E-07	1.2E-05	3.9E-08	4.1E-06		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	1.5E-06	1.1E-08	5.0E-07		
trans-1,3-Dichloropropene						4.2E-11	7.5E-10	5.3E-12	2.5E-10		
Trichloroethene	6.8E-21					5.0E-06	1.3E-10	9.1E-13	4.3E-11		
Trichlorofluoromethane	1.0E-20					8.7E-11	1.6E-09	1.1E-11	5.2E-10		
Vinyl chloride	4.8E-19					5.0E-09	1.2E-07	6.2E-10	4.0E-08		

Table H-73 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			3.0E-04	3.7E-05	
Aldehydes					
Acetaldehyde			5.2E-04	6.5E-05	
Formaldehyde			1.1E+00	2.7E-05	
Propionaldehyde		5.5E-10	5.7E-05	7.1E-06	4.1E-06
CO					
Carbon monoxide			1.6E-02	2.0E-03	
CO2					
Carbon dioxide			5.0E-04	6.3E-05	
Criteria					
Sulfur Dioxide			1.4E-04	1.7E-05	
DIOXINS					
1,2,3,4,6,7,8-HpCDD			3.0E-10	3.8E-11	
1,2,3,4,6,7,8-HpCDF			3.1E-10	3.8E-11	
1,2,3,4,7,8,9-HpCDF			3.9E-11	4.8E-12	
1,2,3,4,7,8-HxCDD			3.6E-11	4.5E-12	
1,2,3,4,7,8-HxCDF			3.0E-10	3.7E-11	
1,2,3,6,7,8-HxCDD			7.6E-11	9.6E-12	
1,2,3,6,7,8-HxCDF			9.6E-11	1.2E-11	
1,2,3,7,8,9-HxCDD			1.2E-10	1.4E-11	
1,2,3,7,8,9-HxCDF			7.4E-12	9.2E-13	

Table H-73 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD			4.6E-11	5.8E-12	
1,2,3,7,8-PeCDF			6.6E-11	8.2E-12	
2,3,4,6,7,8-HxCDF			1.5E-10	1.9E-11	
2,3,4,7,8-PeCDF			1.5E-10	1.8E-11	
2,3,7,8-TCDD			1.9E-11	2.3E-12	
2,3,7,8-TCDF			6.8E-11	8.5E-12	
OCDD			2.0E-10	2.5E-11	
OCDF			7.5E-11	9.4E-12	
HCN					
Hydrogen cyanide			5.7E-05	7.1E-06	
Metals					
Aluminum		3.6E-03			1.8E-04
Antimony		1.3E-07	3.7E-06	4.7E-07	6.6E-09
Arsenic	1.3E-07	3.0E-07	2.1E-07	2.7E-08	2.5E-08
Barium			4.5E-05	5.6E-06	
Beryllium		4.6E-13	1.5E-08	1.9E-09	2.2E-14
Cadmium		7.8E-12	2.7E-07	3.4E-08	3.8E-13
Chromium			2.3E-06	2.9E-07	
Cobalt		9.4E-06	3.5E-06	4.4E-07	4.6E-07
Copper			6.3E-06	7.9E-07	
Iron		8.1E-03			4.0E-04
Lead		3.8E-05	2.1E-06	2.7E-07	1.9E-06

Table H-73 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		5.7E-11	1.9E-06	2.4E-07	2.8E-12
Mercury (+2)			8.4E-09	1.1E-09	
Mercury, elemental		6.1E-07	3.5E-11	4.4E-12	1.2E-03
Nickel		2.0E-04	1.2E-06	1.5E-07	9.7E-06
Phosphorus		3.0E-10	9.4E-06	1.2E-06	2.9E-06
Selenium		1.8E-12	6.2E-08	7.8E-09	8.9E-14
Silver		1.3E-13	4.1E-08	5.1E-09	6.3E-15
Titanium		5.7E-13	2.2E-08	2.7E-09	2.8E-14
Zinc		1.7E-09	4.9E-05	6.1E-06	8.4E-11
NOx					
NOx (Oxides of Nitrogen)			5.6E-04	7.0E-05	
PAHs					
1-Methylnaphthalene	9.7E-11	8.8E-11	1.2E-05	1.5E-06	1.0E-07
1-Methylphenanthrene		1.0E-11	1.4E-06	1.8E-07	5.1E-13
2,3,5-Trimethylnaphthalene		4.9E-12	7.0E-07	8.7E-08	2.4E-13
2,6-Dimethylnaphthalene		1.3E-11	1.8E-06	2.3E-07	6.5E-13
2-Methylnaphthalene	9.4E-11	8.5E-11	1.1E-05	1.4E-06	9.8E-08
Acenaphthylene		4.9E-11	6.7E-06	8.4E-07	2.4E-12
Acenaphthene			1.2E-06	1.5E-07	
Anthracene			2.2E-06	2.7E-07	
Benzo(a)anthracene	7.9E-09	7.2E-09	1.1E-06	1.3E-07	1.1E-07
Benzo(a)pyrene	9.3E-09	8.4E-09	4.2E-07	5.3E-08	4.1E-10

Table H-73 (Lifetime Average Daily Dose)

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Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(b)fluoranthene	1.7E-08	1.5E-08	4.7E-07	5.9E-08	7.4E-10
Benzo(e)pyrene		2.8E-12	3.6E-07	4.5E-08	1.4E-13
Benzo(g,h,i)perylene		2.1E-12	2.7E-07	3.4E-08	1.0E-13
Benzo(k)fluoranthene	1.3E-08	1.1E-08	4.2E-09	5.2E-10	5.6E-10
Biphenyl		2.9E-10	4.0E-05	5.0E-06	1.7E-07
Chrysene	9.8E-09	8.9E-09	1.8E-06	2.3E-07	4.3E-10
Dibenze(a,h)anthracene	9.8E-14	8.9E-14	6.6E-08	8.3E-09	4.3E-15
Fluoranthene	1.8E-13	1.6E-13	2.7E-06	3.3E-07	8.0E-15
Fluorene			6.7E-06	8.4E-07	
Indeno(1,2,3-cd)pyrene	4.0E-09	3.7E-09	2.2E-07	2.7E-08	1.8E-10
Napthalene			5.3E-05	6.6E-06	
Perylene		1.1E-12	1.6E-07	2.1E-08	5.3E-14
Phenanthrene			1.3E-05	1.6E-06	
Pyrene			2.6E-06	3.3E-07	
Particulate					
Particulate Total Suspended Particulate		2.1E-07	8.4E-03	1.0E-03	1.0E-08
PM<10		2.7E-07	1.1E-02	1.4E-03	1.3E-08
PM<2.5		2.3E-07	9.4E-03	1.2E-03	1.1E-08
PCBs					
Dichlorobiphenyl			3.3E-08	4.1E-09	
Heptachlorobiphenyl			4.5E-10	5.7E-11	
Hexachlorobiphenyl			1.9E-09	2.4E-10	

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Monochlorobiphenyl			2.3E-07	2.9E-08	
Nonachlorobiphenyl			6.4E-11	8.0E-12	
Octachlorobiphenyl			1.4E-10	1.7E-11	
Pentachlorobiphenyl			6.5E-09	8.1E-10	
Tetrachlorobiphenyl			1.1E-08	1.3E-09	
Trichlorobiphenyl			1.4E-08	1.7E-09	
Pesticides					
Chlordecone (Kepone)	4.5E-07	5.4E-07			2.6E-08
DDE		7.3E-08			2.3E-06
SVOCs					
1,2,4-trichlorobenzene			9.6E-08	1.2E-08	
1,2-dichlorobenzene			3.9E-08	4.9E-09	
1,3-Butadiene			7.7E-03		
1,3-dichlorobenzene			5.8E-08	7.2E-09	
1,4-dichlorobenzene			5.4E-07	6.8E-08	
2,4-Dimethylphenol			8.5E-06	1.1E-06	
2-Chlorophenol			1.7E-06	2.1E-07	
2-Methylphenol			2.0E-05	2.5E-06	
2-Nitrophenol			2.7E-06	3.4E-07	
3-Methylphenol & 4-Methylphenol		2.6E-10	3.6E-05	4.5E-06	1.3E-11
4-Nitrophenol			4.5E-06	5.6E-07	
Acetophenone			4.2E-05	5.3E-06	

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Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzoic acid			1.9E-04	2.4E-05	
Benzyl alcohol			1.6E-06	2.0E-07	
bis(2-Ethylhexyl) phthalate	4.2E-10	5.0E-10	6.8E-05	8.5E-06	2.5E-11
Butyl benzyl phthalate	6.7E-13	7.9E-13	2.1E-06	2.7E-07	3.9E-14
Carbazole		1.0E-12	6.0E-08	7.5E-09	4.9E-14
Dibenzofuran	6.6E-12	2.6E-11	3.4E-06	4.3E-07	1.1E-08
Dimethyl phthalate			1.2E-07	1.5E-08	
Di-n-butyl phthalate	2.1E-13	2.4E-13	3.3E-06	4.1E-07	1.2E-14
Di-n-octyl phthalate	4.9E-13	5.7E-13	2.3E-07	2.9E-08	2.8E-14
Hexachlorobutadiene			1.6E-05	2.0E-06	
Isopropanol			1.2E-01		
Phenol			1.1E-04	1.3E-05	
Pyridine			1.0E-05	1.3E-06	
TRS					
Total Reduced Sulfur			1.0E-04	1.3E-05	
VOCs					
1,1,1,2-Tetrachloroethane			4.8E-08	6.0E-09	
1,1,1-Trichloroethane			4.7E-08	5.9E-09	
1,1-Dichloroethene			9.3E-09	1.2E-09	
1,2,3-Trichlorobenzene			1.9E-07	2.4E-08	
1,2,3-Trichloropropane			3.9E-08	4.8E-09	
1,2,4-Trimethylbenzene			2.2E-06	2.8E-07	

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Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2-Dibromoethane			2.5E-08	3.1E-09	
1,2-Dichloroethane			9.9E-07	3.6E-04	
1,3,5-Trimethylbenzene			2.1E-06	2.6E-07	
1,3-Dichloropropane			2.4E-08	3.0E-09	
2-Butanone			1.2E-05	1.5E-06	
2-Chlorotoluene			5.3E-07	6.6E-08	
2-Hexanone			2.4E-06	3.0E-07	
Benzene			3.0E-02	3.5E-03	
Bromobenzene			1.3E-05	1.7E-06	
Bromochloromethane			3.1E-08	3.9E-09	
Bromodichloromethane			3.4E-08	4.3E-09	
Bromomethane			1.4E-06	1.7E-07	
Carbon disulfide			1.2E-06	1.5E-07	
Carbon tetrachloride			5.3E-02	5.5E-03	
Chlorobenzene			1.7E-06	2.1E-07	
Chlorodibromomethane			8.5E-07	1.1E-07	
Chloroethane			3.3E-06	4.1E-07	
Chloroform			7.7E-03	8.6E-04	
Chloromethane			1.1E-05	1.4E-06	
cis-1,2-Dichloroethene			1.4E-06	1.8E-07	
cis-1,3-Dichloropropene			8.7E-09	1.1E-09	
Dibromomethane			7.3E-08	9.1E-09	

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Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dichlorodifluoromethane			8.9E-08	1.1E-08	
Ethylbenzene			9.8E-03	8.7E-06	
Isopropylbenzene			5.6E-06	7.0E-07	
m&p-Xylene			1.3E-05	1.6E-06	
Methyl Isobutyl Ketone (4-methyl-2-penta			1.3E-07	1.6E-08	
Methylene chloride			6.4E-06	8.1E-07	
n-Butylbenzene			2.8E-06	3.5E-07	
n-Propylbenzene			3.3E-06	4.2E-07	
o-Xylene			8.2E-06	1.0E-06	
p-Chlorotoluene			2.0E-07	2.5E-08	
p-Isopropyltoluene			1.4E-06	1.7E-07	
sec-Butylbenzene			5.1E-07	6.4E-08	
Styrene			1.8E-04	2.3E-05	
tert-Butylbenzene			1.6E-05	2.0E-06	
Tetrachloroethene			4.3E-08	5.4E-09	
Toluene			1.1E-04	1.4E-05	
trans-1,2-Dichloroethene			3.0E-05	3.8E-06	
trans-1,3-Dichloropropene			1.5E-08	1.9E-09	
Trichloroethene			2.6E-09	3.2E-10	
Trichlorofluoromethane			3.1E-08	3.9E-09	
Vinyl chloride			1.8E-06	2.2E-07	

Table H-74 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			8.4E-07	1.0E-07	
Aldehydes					
Acetaldehyde			1.4E-06	1.8E-07	
Formaldehyde			3.2E-03	7.7E-08	
Propionaldehyde		2.2E-15	1.6E-07	2.0E-08	1.7E-14
CO					
Carbon monoxide			4.5E-05	5.6E-06	
CO2					
Carbon dioxide			1.4E-06	1.8E-07	
Criteria					
Sulfur Dioxide			3.8E-07	4.7E-08	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	1.4E-15	5.5E-15	8.5E-13	1.1E-13	2.7E-19
1,2,3,4,6,7,8-HpCDF	1.4E-15	5.5E-15	8.6E-13	1.1E-13	2.7E-19
1,2,3,4,7,8,9-HpCDF	1.6E-16	6.4E-16	1.1E-13	1.4E-14	3.1E-20
1,2,3,4,7,8-HxCDD	1.6E-16	6.2E-16	1.0E-13	1.3E-14	3.1E-20
1,2,3,4,7,8-HxCDF	1.3E-15	4.9E-15	8.3E-13	1.0E-13	2.4E-19
1,2,3,6,7,8-HxCDD	3.2E-16	1.3E-15	2.1E-13	2.7E-14	6.2E-20
1,2,3,6,7,8-HxCDF	4.1E-16	1.6E-15	2.7E-13	3.4E-14	7.9E-20
1,2,3,7,8,9-HxCDD	5.1E-16	2.0E-15	3.2E-13	4.1E-14	9.8E-20
1,2,3,7,8,9-HxCDF	2.9E-17	1.2E-16	2.1E-14	2.6E-15	5.7E-21

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Exposure Scenario	Camp Justice
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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	1.8E-16	7.0E-16	1.3E-13	1.6E-14	3.5E-20
1,2,3,7,8-PeCDF	2.1E-16	8.3E-16	1.8E-13	2.3E-14	4.0E-20
2,3,4,6,7,8-HxCDF	6.4E-16	2.5E-15	4.2E-13	5.2E-14	1.2E-19
2,3,4,7,8-PeCDF	5.0E-16	2.0E-15	4.1E-13	5.2E-14	9.7E-20
2,3,7,8-TCDD	3.6E-17	1.4E-16	5.2E-14	6.5E-15	4.9E-18
2,3,7,8-TCDF	6.6E-17	2.6E-16	1.9E-13	2.4E-14	1.3E-20
OCDD	9.4E-16	3.7E-15	5.6E-13	7.0E-14	1.8E-19
OCDF	3.6E-16	1.4E-15	2.1E-13	2.6E-14	7.0E-20
HCN					
Hydrogen cyanide			1.6E-07	2.0E-08	
Metals					
Aluminum		1.0E-02			5.0E-07
Antimony		3.8E-07	1.0E-08	1.3E-09	1.8E-11
Arsenic	3.6E-07	8.5E-07	5.9E-10	7.4E-11	6.9E-11
Barium		3.1E-09	1.3E-07	1.6E-08	1.5E-13
Beryllium		1.0E-15	4.3E-11	5.4E-12	5.1E-20
Cadmium		8.2E-16	7.6E-10	9.5E-11	4.0E-20
Chromium		8.3E-11	6.5E-09	8.1E-10	4.1E-15
Cobalt		2.6E-05	9.8E-09	1.2E-09	1.3E-09
Copper		3.4E-10	1.8E-08	2.2E-09	1.6E-14
Iron		2.3E-02			1.1E-06
Lead		1.1E-04	6.0E-09	7.5E-10	5.2E-09

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Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		8.0E-13	5.5E-09	6.8E-10	3.9E-17
Mercury (+2)		3.4E-14	2.4E-11	2.9E-12	1.7E-18
Mercury, elemental		1.7E-06	9.8E-14	1.2E-14	3.3E-06
Methyl Mercury		2.0E-15			1.0E-19
Nickel		5.6E-04	3.5E-09	4.3E-10	2.7E-08
Phosphorus		7.5E-15	2.6E-08	3.3E-09	7.2E-14
Selenium		4.0E-17	1.7E-10	2.2E-11	2.0E-21
Silver		8.4E-13	1.1E-10	1.4E-11	4.1E-17
Titanium		8.0E-15	6.1E-11	7.6E-12	3.9E-19
Zinc		1.8E-13	1.4E-07	1.7E-08	9.0E-18
NOx					
NOx (Oxides of Nitrogen)			1.6E-06	2.0E-07	
PAHs					
1-Methylnaphthalene	2.4E-16	2.2E-16	3.3E-08	4.1E-09	2.5E-16
1-Methylphenanthrene		1.5E-13	3.9E-09	4.9E-10	7.1E-18
2,3,5-Trimethylnaphthalene		6.8E-14	1.9E-09	2.4E-10	3.3E-18
2,6-Dimethylnaphthalene		1.9E-13	5.1E-09	6.4E-10	9.1E-18
2-Methylnaphthalene	2.3E-16	2.1E-16	3.2E-08	4.0E-09	2.4E-16
Acenaphthylene		6.0E-13	1.9E-08	2.4E-09	2.9E-17
Acenaphthene			3.5E-09	4.3E-10	
Anthracene			6.1E-09	7.6E-10	
Benzo(a)anthracene	2.2E-08	2.0E-08	3.0E-09	3.7E-10	3.0E-10

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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)pyrene	2.6E-08	2.4E-08	1.2E-09	1.5E-10	1.2E-12
Benzo(b)fluoranthene	4.7E-08	4.2E-08	1.3E-09	1.6E-10	2.1E-12
Benzo(e)pyrene		3.4E-14	1.0E-09	1.3E-10	1.7E-18
Benzo(g,h,i)perylene		2.5E-14	7.7E-10	9.6E-11	1.2E-18
Benzo(k)fluoranthene	3.5E-08	3.2E-08	1.2E-11	1.5E-12	1.6E-12
Biphenyl		3.3E-15	1.1E-07	1.4E-08	2.0E-15
Chrysene	2.7E-08	2.5E-08	5.1E-09	6.4E-10	1.2E-12
Dibenze(a,h)anthracene	3.4E-13	3.1E-13	1.9E-10	2.3E-11	1.5E-17
Fluoranthene	6.7E-14	6.1E-14	7.5E-09	9.4E-10	3.0E-18
Fluorene			1.9E-08	2.3E-09	
Indeno(1,2,3-cd)pyrene	1.1E-08	1.0E-08	6.2E-10	7.7E-11	5.0E-13
Napthalene			1.5E-07	1.9E-08	
Perylene		1.3E-14	4.6E-10	5.8E-11	6.5E-19
Phenanthrene			3.5E-08	4.4E-09	
Pyrene	2.5E-13	2.3E-13	7.3E-09	9.1E-10	6.4E-15
Particulate					
Particulate Total Suspended Particulate		3.0E-09	2.3E-05	2.9E-06	1.5E-13
PM<10		3.8E-09	3.1E-05	3.9E-06	1.9E-13
PM<2.5		3.2E-09	2.6E-05	3.3E-06	1.6E-13
PCBs					
Dichlorobiphenyl	6.5E-16	5.5E-16	9.3E-11	1.2E-11	5.1E-17
Heptachlorobiphenyl	7.5E-17	6.3E-17	1.3E-12	1.6E-13	3.2E-18

Table H-74 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Hexachlorobiphenyl	3.4E-16	2.9E-16	5.3E-12	6.7E-13	1.5E-17
Monochlorobiphenyl	4.5E-15	3.8E-15	6.5E-10	8.1E-11	3.5E-16
Nonachlorobiphenyl	1.3E-17	1.1E-17	1.8E-13	2.2E-14	5.7E-19
Octachlorobiphenyl	2.4E-17	2.0E-17	3.9E-13	4.9E-14	1.0E-18
Pentachlorobiphenyl	1.2E-15	1.0E-15	1.8E-11	2.3E-12	5.2E-17
Tetrachlorobiphenyl	2.5E-16	2.1E-16	3.0E-11	3.8E-12	2.0E-17
Trichlorobiphenyl	3.0E-16	2.5E-16	3.8E-11	4.8E-12	2.3E-17
Pesticides					
Chlordecone (Kepone)	1.3E-06	1.5E-06			7.3E-11
DDE		2.1E-07			6.5E-09
SVOCs					
1,2,4-trichlorobenzene			2.7E-10	3.4E-11	
1,2-dichlorobenzene			1.1E-10	1.4E-11	
1,3-Butadiene			2.2E-05		
1,3-dichlorobenzene			1.6E-10	2.0E-11	
1,4-dichlorobenzene			1.5E-09	1.9E-10	
2,4-Dimethylphenol			2.4E-08	3.0E-09	
2-Chlorophenol			4.7E-09	5.9E-10	
2-Methylphenol			5.6E-08	7.0E-09	
2-Nitrophenol			7.6E-09	9.4E-10	
3-Methylphenol & 4-Methylphenol		3.7E-12	1.0E-07	1.3E-08	1.8E-16
4-Nitrophenol			1.3E-08	1.6E-09	

Table H-74 (Average Daily Dose)

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Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			1.2E-07	1.5E-08	
Benzoic acid			5.4E-07	6.7E-08	
Benzyl alcohol			4.5E-09	5.6E-10	
bis(2-Ethylhexyl) phthalate	6.7E-12	8.0E-12	1.9E-07	2.4E-08	3.9E-16
Butyl benzyl phthalate	3.3E-15	3.8E-15	6.0E-09	7.5E-10	1.9E-19
Carbazole		1.4E-14	1.7E-10	2.1E-11	6.9E-19
Dibenzofuran	1.4E-16	5.7E-16	9.5E-09	1.2E-09	2.4E-16
Dimethyl phthalate			3.3E-10	4.2E-11	
Di-n-butyl phthalate	3.3E-15	3.9E-15	9.2E-09	1.1E-09	1.9E-19
Di-n-octyl phthalate	9.4E-15	1.1E-14	6.4E-10	8.0E-11	5.5E-19
Hexachlorobutadiene			4.4E-08	5.5E-09	
Isopropanol			3.4E-04		
Phenol			3.0E-07	3.8E-08	
Pyridine			2.9E-08	3.6E-09	
TRS					
Total Reduced Sulfur			2.9E-07	3.6E-08	
VOCs					
1,1,1,2-Tetrachloroethane			1.3E-10	1.7E-11	
1,1,1-Trichloroethane			1.3E-10	1.7E-11	
1,1-Dichloroethene			2.6E-11	3.2E-12	
1,2,3-Trichlorobenzene			5.3E-10	6.7E-11	
1,2,3-Trichloropropane			1.1E-10	1.4E-11	

Table H-74 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			6.2E-09	7.8E-10	
1,2-Dibromoethane			6.9E-11	8.6E-12	
1,2-Dichloroethane			2.8E-09	1.0E-06	
1,3,5-Trimethylbenzene			5.9E-09	7.3E-10	
1,3-Dichloropropane			6.7E-11	8.4E-12	
2-Butanone			3.3E-08	4.1E-09	
2-Chlorotoluene			1.5E-09	1.8E-10	
2-Hexanone			6.8E-09	8.4E-10	
Benzene			8.4E-05	9.7E-06	
Bromobenzene			3.7E-08	4.7E-09	
Bromochloromethane			8.8E-11	1.1E-11	
Bromodichloromethane			9.5E-11	1.2E-11	
Bromomethane			3.8E-09	4.8E-10	
Carbon disulfide			3.3E-09	4.2E-10	
Carbon tetrachloride			1.5E-04	1.5E-05	
Chlorobenzene			4.8E-09	6.0E-10	
Chlorodibromomethane			2.4E-09	3.0E-10	
Chloroethane			9.1E-09	1.1E-09	
Chloroform			2.2E-05	2.4E-06	
Chloromethane			3.1E-08	3.9E-09	
cis-1,2-Dichloroethene			4.0E-09	5.0E-10	
cis-1,3-Dichloropropene			2.4E-11	3.0E-12	

Table H-74 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			2.0E-10	2.5E-11	
Dichlorodifluoromethane			2.5E-10	3.1E-11	
Ethylbenzene			2.7E-05	2.4E-08	
Isopropylbenzene			1.6E-08	2.0E-09	
m&p-Xylene			3.6E-08	4.6E-09	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.6E-10	4.5E-11	
Methylene chloride			1.8E-08	2.3E-09	
n-Butylbenzene			7.8E-09	9.7E-10	
n-Propylbenzene			9.4E-09	1.2E-09	
o-Xylene			2.3E-08	2.9E-09	
p-Chlorotoluene			5.5E-10	6.9E-11	
p-Isopropyltoluene			3.8E-09	4.8E-10	
sec-Butylbenzene			1.4E-09	1.8E-10	
Styrene			5.1E-07	6.4E-08	
tert-Butylbenzene			4.6E-08	5.7E-09	
Tetrachloroethene			1.2E-10	1.5E-11	
Toluene			3.2E-07	3.9E-08	
trans-1,2-Dichloroethene			8.4E-08	1.1E-08	
trans-1,3-Dichloropropene			4.2E-11	5.3E-12	
Trichloroethene			7.3E-12	9.1E-13	
Trichlorofluoromethane			8.7E-11	1.1E-11	
Vinyl chloride			5.0E-09	6.2E-10	

Table H-75 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.0E-04	1.1E-02	3.7E-05	3.5E-03		
Aldehydes											
Acetaldehyde	3.3E-14					5.2E-04	1.9E-02	6.5E-05	6.2E-03		
Formaldehyde	1.6E-13					1.1E+00	7.3E-03	2.7E-05	2.4E-03		
Propionaldehyde				5.5E-10	1.7E-08	5.7E-05	2.1E-03	7.1E-06	6.9E-04	4.1E-06	2.9E-04
CO											
Carbon monoxide						1.6E-02	6.0E-01	2.0E-03	2.0E-01		
CO2											
Carbon dioxide						5.0E-04	1.8E-02	6.3E-05	6.0E-03		
Criteria											
Sulfur Dioxide						1.4E-04	4.4E-03	1.7E-05	1.5E-03		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.5E-19					3.0E-10	1.2E-08	3.8E-11	4.0E-09		
1,2,3,4,6,7,8-HpCDF	1.5E-19					3.1E-10	1.2E-08	3.8E-11	4.0E-09		
1,2,3,4,7,8,9-HpCDF	3.2E-20					3.9E-11	1.6E-09	4.8E-12	5.3E-10		
1,2,3,4,7,8-HxCDD	2.3E-19					3.6E-11	1.5E-09	4.5E-12	4.9E-10		
1,2,3,4,7,8-HxCDF	1.6E-18					3.0E-10	1.2E-08	3.7E-11	4.0E-09		
1,2,3,6,7,8-HxCDD	4.8E-19					7.6E-11	3.1E-09	9.6E-12	1.0E-09		
1,2,3,6,7,8-HxCDF	6.0E-19					9.6E-11	3.9E-09	1.2E-11	1.3E-09		
1,2,3,7,8,9-HxCDD	5.7E-19					1.2E-10	4.7E-09	1.4E-11	1.6E-09		
1,2,3,7,8,9-HxCDF	5.9E-20					7.4E-12	3.0E-10	9.2E-13	1.0E-10		
1,2,3,7,8-PeCDD	2.2E-18					4.6E-11	1.9E-09	5.8E-12	6.3E-10		
1,2,3,7,8-PeCDF	3.1E-18					6.6E-11	2.7E-09	8.2E-12	9.0E-10		

Table H-75 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	9.0E-19					1.5E-10	5.9E-09	1.9E-11	2.0E-09		
2,3,4,7,8-PeCDF	4.6E-18					1.5E-10	6.0E-09	1.8E-11	2.0E-09		
2,3,7,8-TCDD	8.0E-19					1.9E-11	6.2E-10	2.3E-12	2.1E-10		
2,3,7,8-TCDF	2.8E-18					6.8E-11	2.8E-09	8.5E-12	9.3E-10		
OCDD	1.9E-21					2.0E-10	7.9E-09	2.5E-11	2.6E-09		
OCDF	7.1E-22					7.5E-11	2.9E-09	9.4E-12	9.8E-10		
HCN											
Hydrogen cyanide						5.7E-05	2.2E-03	7.1E-06	7.3E-04		
Metals											
Aluminum				3.6E-03						1.8E-04	
Antimony	5.6E-18			1.3E-07		3.7E-06	9.2E-05	4.7E-07	3.1E-05	6.6E-09	
Arsenic	7.3E-16	1.3E-07	3.0E-11	3.0E-07	1.4E-10	2.1E-07	7.5E-06	2.7E-08	2.5E-06	2.5E-08	2.5E-11
Barium	4.3E-13					4.5E-05	1.2E-03	5.6E-06	4.0E-04		
Beryllium	2.4E-17			4.6E-13	1.7E-11	1.5E-08	5.2E-07	1.9E-09	1.7E-07	2.2E-14	1.9E-12
Cadmium	6.6E-15			7.8E-12	3.0E-10	2.7E-07	9.4E-06	3.4E-08	3.1E-06	3.8E-13	3.2E-11
Chromium	5.2E-16					2.3E-06	8.3E-05	2.9E-07	2.8E-05		
Cobalt				9.4E-06		3.5E-06	6.4E-05	4.4E-07	2.1E-05	4.6E-07	
Copper						6.3E-06	2.2E-04	7.9E-07	7.2E-05		
Iron				8.1E-03						4.0E-04	
Lead	5.1E-18			3.8E-05	2.5E-09	2.1E-06	7.0E-05	2.7E-07	2.3E-05	1.9E-06	2.6E-10
Manganese				5.7E-11	2.2E-09	1.9E-06	6.7E-05	2.4E-07	2.2E-05	2.8E-12	2.4E-10
Mercury (+2)						8.4E-09	3.0E-07	1.1E-09	9.9E-08		
Mercury, elemental				6.1E-07		3.5E-11	1.2E-09	4.4E-12	4.1E-10	1.2E-03	
Methyl Mercury	1.5E-15										

Table H-75 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	2.7E-15			2.0E-04	1.4E-09	1.2E-06	4.3E-05	1.5E-07	1.4E-05	9.7E-06	1.5E-10
Phosphorus				3.0E-10	1.1E-08	9.4E-06	3.1E-04	1.2E-06	1.0E-04	2.9E-06	2.3E-04
Selenium	4.6E-16			1.8E-12	7.0E-11	6.2E-08	2.2E-06	7.8E-09	7.3E-07	8.9E-14	7.5E-12
Silver	5.8E-17			1.3E-13	4.8E-12	4.1E-08	1.3E-06	5.1E-09	4.5E-07	6.3E-15	5.1E-13
Titanium				5.7E-13	2.3E-11	2.2E-08	8.1E-07	2.7E-09	2.7E-07	2.8E-14	2.5E-12
Zinc	3.3E-12			1.7E-09	6.0E-08	4.9E-05	1.4E-03	6.1E-06	4.7E-04	8.4E-11	6.5E-09
NOx											
NOx (Oxides of Nitrogen)						5.6E-04	1.9E-02	7.0E-05	6.2E-03		
PAHs											
1-Methylnaphthalene		9.7E-11	2.0E-09	8.8E-11	3.6E-09	1.2E-05	4.9E-04	1.5E-06	1.6E-04	1.0E-07	9.0E-06
1-Methylphenanthrene				1.0E-11	4.3E-10	1.4E-06	5.9E-05	1.8E-07	2.0E-05	5.1E-13	4.6E-11
2,3,5-Trimethylnaphthalene				4.9E-12	2.1E-10	7.0E-07	3.0E-05	8.7E-08	1.0E-05	2.4E-13	2.3E-11
2,6-Dimethylnaphthalene				1.3E-11	5.6E-10	1.8E-06	7.8E-05	2.3E-07	2.6E-05	6.5E-13	6.1E-11
2-Methylnaphthalene		9.4E-11	1.9E-09	8.5E-11	3.5E-09	1.1E-05	4.8E-04	1.4E-06	1.6E-04	9.8E-08	8.8E-06
Acenaphthylene				4.9E-11	2.1E-09	6.7E-06	2.9E-04	8.4E-07	9.5E-05	2.4E-12	2.2E-10
Acenaphthene	1.2E-15					1.2E-06	5.2E-05	1.5E-07	1.7E-05		
Anthracene	1.5E-14					2.2E-06	9.2E-05	2.7E-07	3.1E-05		
Benzo(a)anthracene	2.3E-12	7.9E-09	5.2E-11	7.2E-09	9.5E-11	1.1E-06	4.6E-05	1.3E-07	1.5E-05	1.1E-07	3.2E-09
Benzo(a)pyrene	1.2E-12	9.3E-09	3.7E-11	8.4E-09	6.7E-11	4.2E-07	1.8E-05	5.3E-08	5.9E-06	4.1E-10	7.3E-12
Benzo(b)fluoranthene	3.0E-13	1.7E-08	1.5E-12	1.5E-08	2.8E-12	4.7E-07	1.9E-05	5.9E-08	6.3E-06	7.4E-10	3.0E-13
Benzo(e)pyrene				2.8E-12	1.1E-10	3.6E-07	1.5E-05	4.5E-08	4.9E-06	1.4E-13	1.2E-11
Benzo(g,h,i)perylene				2.1E-12	8.4E-11	2.7E-07	1.1E-05	3.4E-08	3.8E-06	1.0E-13	9.0E-12
Benzo(k)fluoranthene	1.4E-15	1.3E-08		1.1E-08		4.2E-09	7.4E-08	5.2E-10	2.5E-08	5.6E-10	
Biphenyl				2.9E-10	1.2E-08	4.0E-05	1.7E-03	5.0E-06	5.6E-04	1.7E-07	1.6E-05

Table H-75 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	3.6E-13	9.8E-09	4.3E-12	8.9E-09	7.9E-12	1.8E-06	7.6E-05	2.3E-07	2.5E-05	4.3E-10	8.5E-13
Dibenze(a,h)anthracene	5.4E-14	9.8E-14	1.9E-12	8.9E-14	3.5E-12	6.6E-08	2.7E-06	8.3E-09	9.1E-07	4.3E-15	3.8E-13
Fluoranthene	1.0E-13	1.8E-13	3.7E-12	1.6E-13	6.7E-12	2.7E-06	1.1E-04	3.3E-07	3.7E-05	8.0E-15	7.2E-13
Fluorene	2.2E-14					6.7E-06	2.8E-04	8.4E-07	9.4E-05		
Indeno(1,2,3-cd)pyrene	2.4E-13	4.0E-09	1.9E-11	3.7E-09	3.4E-11	2.2E-07	9.1E-06	2.7E-08	3.0E-06	1.8E-10	3.7E-12
Napthalene	1.0E-14					5.3E-05	2.2E-03	6.6E-06	7.4E-04		
Perylene				1.1E-12	5.0E-11	1.6E-07	7.3E-06	2.1E-08	2.4E-06	5.3E-14	5.4E-12
Phenanthrene	1.0E-13					1.3E-05	5.2E-04	1.6E-06	1.7E-04		
Pyrene	7.2E-14					2.6E-06	1.1E-04	3.3E-07	3.6E-05		
Particulate											
Particulate Total Suspended Particulate				2.1E-07	8.7E-06	8.4E-03	3.2E-01	1.0E-03	1.1E-01	1.0E-08	9.4E-07
PM<10				2.7E-07	1.1E-05	1.1E-02	4.3E-01	1.4E-03	1.4E-01	1.3E-08	1.2E-06
PM<2.5				2.3E-07	9.6E-06	9.4E-03	3.7E-01	1.2E-03	1.2E-01	1.1E-08	1.0E-06
PCBs											
Dichlorobiphenyl	2.2E-15					3.3E-08	1.4E-06	4.1E-09	4.5E-07		
Heptachlorobiphenyl	8.1E-17					4.5E-10	1.8E-08	5.7E-11	6.1E-09		
Hexachlorobiphenyl	3.3E-16					1.9E-09	7.4E-08	2.4E-10	2.5E-08		
Monochlorobiphenyl	1.5E-14					2.3E-07	9.5E-06	2.9E-08	3.2E-06		
Nonachlorobiphenyl	1.0E-17					6.4E-11	2.3E-09	8.0E-12	7.6E-10		
Octachlorobiphenyl	2.4E-17					1.4E-10	5.4E-09	1.7E-11	1.8E-09		
Pentachlorobiphenyl	1.1E-15					6.5E-09	2.5E-07	8.1E-10	8.2E-08		
Tetrachlorobiphenyl	6.5E-16					1.1E-08	4.0E-07	1.3E-09	1.3E-07		
Trichlorobiphenyl	8.4E-16					1.4E-08	5.3E-07	1.7E-09	1.8E-07		
Pesticides											

Table H-75 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chlordecone (Kepone)		4.5E-07		5.4E-07						2.6E-08	
DDE				7.3E-08						2.3E-06	
SVOCs											
1,2,4-trichlorobenzene						9.6E-08	3.1E-06	1.2E-08	1.0E-06		
1,2-dichlorobenzene	9.8E-19					3.9E-08	6.9E-07	4.9E-09	2.3E-07		
1,3-Butadiene						7.7E-03					
1,3-dichlorobenzene	2.5E-18					5.8E-08	2.0E-06	7.2E-09	6.6E-07		
1,4-dichlorobenzene	3.3E-17					5.4E-07	2.4E-05	6.8E-08	8.1E-06		
2,4-Dimethylphenol	9.0E-16					8.5E-06	3.4E-04	1.1E-06	1.1E-04		
2-Chlorophenol	4.6E-17					1.7E-06	7.4E-05	2.1E-07	2.5E-05		
2-Methylphenol	1.9E-14					2.0E-05	8.4E-04	2.5E-06	2.8E-04		
2-Nitrophenol	1.1E-16					2.7E-06	1.1E-04	3.4E-07	3.7E-05		
3-Methylphenol & 4-Methylphenol				2.6E-10	1.1E-08	3.6E-05	1.5E-03	4.5E-06	5.0E-04	1.3E-11	1.2E-09
4-Nitrophenol	2.3E-16					4.5E-06	1.7E-04	5.6E-07	5.8E-05		
Acetophenone	1.4E-15					4.2E-05	1.7E-03	5.3E-06	5.8E-04		
Benzoic acid	5.7E-15					1.9E-04	8.0E-03	2.4E-05	2.7E-03		
Benzyl alcohol	3.5E-18					1.6E-06	4.9E-05	2.0E-07	1.6E-05		
bis(2-Ethylhexyl) phthalate	2.5E-13	4.2E-10	7.6E-09	5.0E-10	1.8E-08	6.8E-05	2.6E-03	8.5E-06	8.8E-04	2.5E-11	1.9E-09
Butyl benzyl phthalate	6.5E-14	6.7E-13	1.4E-11	7.9E-13	3.3E-11	2.1E-06	8.9E-05	2.7E-07	3.0E-05	3.9E-14	3.5E-12
Carbazole				1.0E-12	1.9E-11	6.0E-08	1.1E-06	7.5E-09	3.6E-07	4.9E-14	2.0E-12
Dibenzofuran		6.6E-12	1.3E-10	2.6E-11	1.0E-09	3.4E-06	1.4E-04	4.3E-07	4.7E-05	1.1E-08	9.8E-07
Dimethyl phthalate	2.3E-17					1.2E-07	2.1E-06	1.5E-08	7.1E-07		
Di-n-butyl phthalate	6.0E-13	2.1E-13	4.2E-12	2.4E-13	1.0E-11	3.3E-06	1.4E-04	4.1E-07	4.5E-05	1.2E-14	1.1E-12
Di-n-octyl phthalate	6.6E-18	4.9E-13	4.5E-12	5.7E-13	1.1E-11	2.3E-07	4.1E-06	2.9E-08	1.4E-06	2.8E-14	1.1E-12

Table H-75 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	2.4E-15					1.6E-05	2.8E-04	2.0E-06	9.4E-05		
Isopropanol						1.2E-01					
Phenol	5.3E-14					1.1E-04	4.5E-03	1.3E-05	1.5E-03		
Pyridine	2.7E-15					1.0E-05	4.2E-04	1.3E-06	1.4E-04		
TRS											
Total Reduced Sulfur						1.0E-04	4.5E-03	1.3E-05	1.5E-03		
VOCs											
1,1,1,2-Tetrachloroethane	9.6E-19					4.8E-08	1.6E-06	6.0E-09	5.4E-07		
1,1,1-Trichloroethane	6.3E-20					4.7E-08	1.8E-06	5.9E-09	5.9E-07		
1,1-Dichloroethene	2.1E-21					9.3E-09	1.7E-07	1.2E-09	5.5E-08		
1,2,3-Trichlorobenzene	6.7E-17					1.9E-07	7.1E-06	2.4E-08	2.4E-06		
1,2,3-Trichloropropane	3.9E-19					3.9E-08	6.9E-07	4.8E-09	2.3E-07		
1,2,4-Trimethylbenzene						2.2E-06	7.1E-05	2.8E-07	2.4E-05		
1,2-Dibromoethane	1.3E-19					2.5E-08	4.4E-07	3.1E-09	1.5E-07		
1,2-Dichloroethane	4.2E-18					9.9E-07	3.7E-05	3.6E-04	1.2E-05		
1,3,5-Trimethylbenzene	2.2E-17					2.1E-06	6.2E-05	2.6E-07	2.1E-05		
1,3-Dichloropropane						2.4E-08	4.3E-07	3.0E-09	1.4E-07		
2-Butanone	8.7E-16					1.2E-05	4.7E-04	1.5E-06	1.6E-04		
2-Chlorotoluene						5.3E-07	2.2E-05	6.6E-08	7.2E-06		
2-Hexanone						2.4E-06	8.8E-05	3.0E-07	2.9E-05		
Benzene	7.0E-16					3.0E-02	1.2E-02	3.5E-03	4.1E-03		
Bromobenzene						1.3E-05	2.4E-04	1.7E-06	7.9E-05		
Bromochloromethane						3.1E-08	5.6E-07	3.9E-09	1.9E-07		
Bromodichloromethane	1.1E-19					3.4E-08	6.1E-07	4.3E-09	2.0E-07		

Table H-75 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Bromomethane	4.8E-19					1.4E-06	4.1E-05	1.7E-07	1.4E-05		
Carbon disulfide	4.5E-19					1.2E-06	3.5E-05	1.5E-07	1.2E-05		
Carbon tetrachloride	4.8E-20					5.3E-02	1.4E-06	5.5E-03	4.6E-07		
Chlorobenzene	1.7E-17					1.7E-06	6.1E-05	2.1E-07	2.0E-05		
Chlorodibromomethane	6.5E-18					8.5E-07	1.5E-05	1.1E-07	5.0E-06		
Chloroethane	1.3E-18					3.3E-06	1.1E-04	4.1E-07	3.8E-05		
Chloroform	1.0E-18					7.7E-03	1.4E-05	8.6E-04	4.5E-06		
Chloromethane	3.5E-18					1.1E-05	3.3E-04	1.4E-06	1.1E-04		
cis-1,2-Dichloroethene	1.4E-18					1.4E-06	2.5E-05	1.8E-07	8.4E-06		
cis-1,3-Dichloropropene						8.7E-09	1.6E-07	1.1E-09	5.2E-08		
Dibromomethane	1.5E-19					7.3E-08	1.3E-06	9.1E-09	4.3E-07		
Dichlorodifluoromethane	1.7E-21					8.9E-08	1.6E-06	1.1E-08	5.3E-07		
Ethylbenzene	5.3E-16					9.8E-03	2.6E-03	8.7E-06	8.8E-04		
Isopropylbenzene	7.0E-19					5.6E-06	1.9E-04	7.0E-07	6.4E-05		
m&p-Xylene	8.4E-17					1.3E-05	4.4E-04	1.6E-06	1.5E-04		
Methyl Isobutyl Ketone (4-methyl-2-per	8.6E-19					1.3E-07	2.3E-06	1.6E-08	7.6E-07		
Methylene chloride	9.3E-18					6.4E-06	2.4E-04	8.1E-07	7.9E-05		
n-Butylbenzene						2.8E-06	8.3E-05	3.5E-07	2.8E-05		
n-Propylbenzene						3.3E-06	1.1E-04	4.2E-07	3.7E-05		
o-Xylene	9.9E-17					8.2E-06	2.7E-04	1.0E-06	9.1E-05		
p-Chlorotoluene						2.0E-07	6.0E-06	2.5E-08	2.0E-06		
p-Isopropyltoluene						1.4E-06	3.3E-05	1.7E-07	1.1E-05		
sec-Butylbenzene						5.1E-07	1.5E-05	6.4E-08	5.1E-06		
Styrene	3.3E-15					1.8E-04	6.7E-03	2.3E-05	2.2E-03		

Table H-75 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						1.6E-05	2.9E-04	2.0E-06	9.7E-05		
Tetrachloroethene	2.4E-19					4.3E-08	1.5E-06	5.4E-09	5.0E-07		
Toluene	5.6E-16					1.1E-04	4.4E-03	1.4E-05	1.5E-03		
trans-1,2-Dichloroethene	2.1E-17					3.0E-05	5.4E-04	3.8E-06	1.8E-04		
trans-1,3-Dichloropropene						1.5E-08	2.7E-07	1.9E-09	9.0E-08		
Trichloroethene	2.4E-21					2.6E-09	4.6E-08	3.2E-10	1.5E-08		
Trichlorofluoromethane	3.7E-21					3.1E-08	5.6E-07	3.9E-09	1.9E-07		
Vinyl chloride	1.7E-19					1.8E-06	4.3E-05	2.2E-07	1.4E-05		

Table H-76 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	3.0E-05	1.0E-07	9.9E-06		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	5.2E-05	1.8E-07	1.7E-05		
Formaldehyde	4.5E-13					3.2E-03	2.0E-05	7.7E-08	6.8E-06		
Propionaldehyde				2.2E-15	7.2E-14	1.6E-07	5.8E-06	2.0E-08	1.9E-06	1.7E-14	1.2E-12
CO											
Carbon monoxide						4.5E-05	1.7E-03	5.6E-06	5.6E-04		
CO2											
Carbon dioxide						1.4E-06	5.0E-05	1.8E-07	1.7E-05		
Criteria											
Sulfur Dioxide						3.8E-07	1.2E-05	4.7E-08	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	2.6E-14	5.5E-15	2.1E-13	8.5E-13	3.4E-11	1.1E-13	1.1E-11	2.7E-19	2.2E-17
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.6E-14	5.5E-15	2.1E-13	8.6E-13	3.4E-11	1.1E-13	1.1E-11	2.7E-19	2.2E-17
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	3.1E-15	6.4E-16	2.5E-14	1.1E-13	4.4E-12	1.4E-14	1.5E-12	3.1E-20	2.7E-18
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	3.0E-15	6.2E-16	2.4E-14	1.0E-13	4.1E-12	1.3E-14	1.4E-12	3.1E-20	2.6E-18
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	2.4E-14	4.9E-15	1.9E-13	8.3E-13	3.3E-11	1.0E-13	1.1E-11	2.4E-19	2.1E-17
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	6.2E-15	1.3E-15	4.9E-14	2.1E-13	8.7E-12	2.7E-14	2.9E-12	6.2E-20	5.3E-18
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	8.0E-15	1.6E-15	6.3E-14	2.7E-13	1.1E-11	3.4E-14	3.6E-12	7.9E-20	6.8E-18
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	9.8E-15	2.0E-15	7.7E-14	3.2E-13	1.3E-11	4.1E-14	4.4E-12	9.8E-20	8.3E-18
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	5.8E-16	1.2E-16	4.5E-15	2.1E-14	8.4E-13	2.6E-15	2.8E-13	5.7E-21	4.9E-19
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	3.5E-15	7.0E-16	2.8E-14	1.3E-13	5.3E-12	1.6E-14	1.8E-12	3.5E-20	3.0E-18
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	4.1E-15	8.3E-16	3.3E-14	1.8E-13	7.5E-12	2.3E-14	2.5E-12	4.0E-20	3.5E-18

Table H-76 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	1.2E-14	2.5E-15	9.5E-14	4.2E-13	1.7E-11	5.2E-14	5.6E-12	1.2E-19	1.0E-17
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	9.9E-15	2.0E-15	7.8E-14	4.1E-13	1.7E-11	5.2E-14	5.6E-12	9.7E-20	8.4E-18
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.2E-16	1.4E-16	4.1E-15	5.2E-14	1.7E-12	6.5E-15	5.8E-13	4.9E-18	3.1E-16
2,3,7,8-TCDF	8.0E-18	6.6E-17	1.3E-15	2.6E-16	1.0E-14	1.9E-13	7.8E-12	2.4E-14	2.6E-12	1.3E-20	1.1E-18
OCDD	1.8E-20	9.4E-16	1.7E-14	3.7E-15	1.4E-13	5.6E-13	2.2E-11	7.0E-14	7.4E-12	1.8E-19	1.5E-17
OCDF	6.7E-21	3.6E-16	6.5E-15	1.4E-15	5.1E-14	2.1E-13	8.2E-12	2.6E-14	2.7E-12	7.0E-20	5.5E-18
HCN											
Hydrogen cyanide						1.6E-07	6.2E-06	2.0E-08	2.1E-06		
Metals											
Aluminum				1.0E-02						5.0E-07	
Antimony	1.6E-17			3.8E-07		1.0E-08	2.6E-07	1.3E-09	8.6E-08	1.8E-11	
Arsenic	8.1E-16	3.6E-07	4.8E-17	8.5E-07	2.3E-16	5.9E-10	2.1E-08	7.4E-11	7.0E-09	6.9E-11	4.1E-20
Barium	2.3E-12			3.1E-09	1.1E-07	1.3E-07	3.4E-06	1.6E-08	1.1E-06	1.5E-13	1.2E-11
Beryllium	3.3E-17			1.0E-15	3.9E-14	4.3E-11	1.5E-09	5.4E-12	4.8E-10	5.1E-20	4.3E-18
Cadmium	8.3E-15			8.2E-16	3.1E-14	7.6E-10	2.6E-08	9.5E-11	8.8E-09	4.0E-20	3.4E-18
Chromium	2.6E-15			8.3E-11	3.2E-09	6.5E-09	2.3E-07	8.1E-10	7.7E-08	4.1E-15	3.5E-13
Cobalt				2.6E-05	1.0E-08	9.8E-09	1.8E-07	1.2E-09	6.0E-08	1.3E-09	1.1E-12
Copper				3.4E-10	1.3E-08	1.8E-08	6.1E-07	2.2E-09	2.0E-07	1.6E-14	1.4E-12
Iron				2.3E-02						1.1E-06	
Lead	6.9E-18			1.1E-04	3.8E-12	6.0E-09	2.0E-07	7.5E-10	6.5E-08	5.2E-09	4.1E-16
Manganese				8.0E-13	3.1E-11	5.5E-09	1.9E-07	6.8E-10	6.3E-08	3.9E-17	3.3E-15
Mercury (+2)				3.4E-14	1.1E-12	2.4E-11	8.3E-10	2.9E-12	2.8E-10	1.7E-18	1.1E-16
Mercury, elemental				1.7E-06		9.8E-14	3.5E-12	1.2E-14	1.2E-12	3.3E-06	
Methyl Mercury	8.7E-15			2.0E-15	7.9E-14					1.0E-19	8.5E-18

Table H-76 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	1.6E-13	3.5E-09	1.2E-07	4.3E-10	4.0E-08	2.7E-08	1.7E-17
Phosphorus				7.5E-15	2.8E-13	2.6E-08	8.6E-07	3.3E-09	2.9E-07	7.2E-14	5.9E-12
Selenium	2.8E-16			4.0E-17	1.6E-15	1.7E-10	6.1E-09	2.2E-11	2.0E-09	2.0E-21	1.7E-19
Silver	2.1E-16			8.4E-13	3.1E-11	1.1E-10	3.7E-09	1.4E-11	1.2E-09	4.1E-17	3.4E-15
Titanium				8.0E-15	3.2E-13	6.1E-11	2.3E-09	7.6E-12	7.6E-10	3.9E-19	3.5E-17
Zinc	4.1E-12			1.8E-13	6.5E-12	1.4E-07	3.9E-06	1.7E-08	1.3E-06	9.0E-18	7.0E-16
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	5.2E-05	2.0E-07	1.7E-05		
PAHs											
1-Methylnaphthalene		2.4E-16	4.9E-15	2.2E-16	8.9E-15	3.3E-08	1.4E-06	4.1E-09	4.6E-07	2.5E-16	2.2E-14
1-Methylphenanthrene				1.5E-13	6.0E-12	3.9E-09	1.7E-07	4.9E-10	5.5E-08	7.1E-18	6.5E-16
2,3,5-Trimethylnaphthalene				6.8E-14	3.0E-12	1.9E-09	8.4E-08	2.4E-10	2.8E-08	3.3E-18	3.2E-16
2,6-Dimethylnaphthalene				1.9E-13	7.9E-12	5.1E-09	2.2E-07	6.4E-10	7.3E-08	9.1E-18	8.5E-16
2-Methylnaphthalene		2.3E-16	4.7E-15	2.1E-16	8.6E-15	3.2E-08	1.3E-06	4.0E-09	4.4E-07	2.4E-16	2.2E-14
Acenaphthylene				6.0E-13	2.5E-11	1.9E-08	8.0E-07	2.4E-09	2.7E-07	2.9E-17	2.7E-15
Acenaphthene	3.4E-15					3.5E-09	1.4E-07	4.3E-10	4.8E-08		
Anthracene	4.3E-14					6.1E-09	2.6E-07	7.6E-10	8.6E-08		
Benzo(a)anthracene	6.2E-12	2.2E-08	4.4E-11	2.0E-08	8.0E-11	3.0E-09	1.3E-07	3.7E-10	4.3E-08	3.0E-10	2.7E-12
Benzo(a)pyrene	3.1E-12	2.6E-08	1.8E-11	2.4E-08	3.3E-11	1.2E-09	4.9E-08	1.5E-10	1.6E-08	1.2E-12	3.6E-15
Benzo(b)fluoranthene	8.3E-13	4.7E-08	1.0E-12	4.2E-08	1.8E-12	1.3E-09	5.3E-08	1.6E-10	1.8E-08	2.1E-12	2.0E-16
Benzo(e)pyrene				3.4E-14	1.3E-12	1.0E-09	4.1E-08	1.3E-10	1.4E-08	1.7E-18	1.4E-16
Benzo(g,h,i)perylene				2.5E-14	1.0E-12	7.7E-10	3.2E-08	9.6E-11	1.1E-08	1.2E-18	1.1E-16
Benzo(k)fluoranthene	7.4E-15	3.5E-08	6.4E-13	3.2E-08	1.2E-12	1.2E-11	2.1E-10	1.5E-12	6.9E-11	1.6E-12	1.3E-16
Biphenyl				3.3E-15	1.4E-13	1.1E-07	4.7E-06	1.4E-08	1.6E-06	2.0E-15	1.8E-13

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Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	1.1E-12	2.7E-08	5.5E-11	2.5E-08	9.9E-11	5.1E-09	2.1E-07	6.4E-10	7.1E-08	1.2E-12	1.1E-14
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	6.7E-12	3.1E-13	1.2E-11	1.9E-10	7.6E-09	2.3E-11	2.5E-09	1.5E-17	1.3E-15
Fluoranthene	2.8E-13	6.7E-14	1.4E-12	6.1E-14	2.5E-12	7.5E-09	3.1E-07	9.4E-10	1.0E-07	3.0E-18	2.7E-16
Fluorene	6.1E-14					1.9E-08	7.9E-07	2.3E-09	2.6E-07		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.1E-08	1.8E-11	1.0E-08	3.3E-11	6.2E-10	2.5E-08	7.7E-11	8.5E-09	5.0E-13	3.6E-15
Napthalene	2.8E-14					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Perylene				1.3E-14	6.2E-13	4.6E-10	2.0E-08	5.8E-11	6.8E-09	6.5E-19	6.6E-17
Phenanthrene	2.9E-13					3.5E-08	1.5E-06	4.4E-09	4.8E-07		
Pyrene	2.0E-13	2.5E-13	5.1E-12	2.3E-13	9.3E-12	7.3E-09	3.0E-07	9.1E-10	1.0E-07	6.4E-15	5.8E-13
Particulate											
Particulate Total Suspended Particulate				3.0E-09	1.2E-07	2.3E-05	9.0E-04	2.9E-06	3.0E-04	1.5E-13	1.3E-11
PM<10				3.8E-09	1.6E-07	3.1E-05	1.2E-03	3.9E-06	4.0E-04	1.9E-13	1.7E-11
PM<2.5				3.2E-09	1.3E-07	2.6E-05	1.0E-03	3.3E-06	3.5E-04	1.6E-13	1.4E-11
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	1.3E-14	5.5E-16	2.2E-14	9.3E-11	3.8E-09	1.2E-11	1.3E-09	5.1E-17	4.5E-15
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.4E-15	6.3E-17	2.4E-15	1.3E-12	5.1E-11	1.6E-13	1.7E-11	3.2E-18	2.7E-16
Hexachlorobiphenyl	9.3E-16	3.4E-16	6.1E-15	2.9E-16	1.0E-14	5.3E-12	2.1E-10	6.7E-13	6.9E-11	1.5E-17	1.1E-15
Monochlorobiphenyl	4.3E-14	4.5E-15	9.0E-14	3.8E-15	1.5E-13	6.5E-10	2.7E-08	8.1E-11	8.9E-09	3.5E-16	3.1E-14
Nonachlorobiphenyl	2.9E-17	1.3E-17	2.1E-16	1.1E-17	3.5E-16	1.8E-13	6.4E-12	2.2E-14	2.1E-12	5.7E-19	3.9E-17
Octachlorobiphenyl	6.8E-17	2.4E-17	4.4E-16	2.0E-17	7.5E-16	3.9E-13	1.5E-11	4.9E-14	5.1E-12	1.0E-18	8.4E-17
Pentachlorobiphenyl	3.1E-15	1.2E-15	2.1E-14	1.0E-15	3.5E-14	1.8E-11	6.9E-10	2.3E-12	2.3E-10	5.2E-17	3.9E-15
Tetrachlorobiphenyl	1.8E-15	2.5E-16	4.2E-15	2.1E-16	7.1E-15	3.0E-11	1.1E-09	3.8E-12	3.8E-10	2.0E-17	1.5E-15
Trichlorobiphenyl	2.4E-15	3.0E-16	5.3E-15	2.5E-16	9.0E-15	3.8E-11	1.5E-09	4.8E-12	4.9E-10	2.3E-17	1.8E-15
Pesticides											

Table H-76 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chlordecone (Kepone)		1.3E-06		1.5E-06						7.3E-11	
DDE				2.1E-07						6.5E-09	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	8.7E-09	3.4E-11	2.9E-09		
1,2-dichlorobenzene	2.8E-18					1.1E-10	1.9E-09	1.4E-11	6.5E-10		
1,3-Butadiene						2.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	5.5E-09	2.0E-11	1.8E-09		
1,4-dichlorobenzene	9.2E-17					1.5E-09	6.8E-08	1.9E-10	2.3E-08		
2,4-Dimethylphenol	2.5E-15					2.4E-08	9.5E-07	3.0E-09	3.2E-07		
2-Chlorophenol	1.3E-16					4.7E-09	2.1E-07	5.9E-10	6.9E-08		
2-Methylphenol	5.3E-14					5.6E-08	2.3E-06	7.0E-09	7.8E-07		
2-Nitrophenol	3.2E-16					7.6E-09	3.1E-07	9.4E-10	1.0E-07		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.5E-10	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.8E-16	1.7E-14
4-Nitrophenol	6.5E-16					1.3E-08	4.8E-07	1.6E-09	1.6E-07		
Acetophenone	3.9E-15					1.2E-07	4.9E-06	1.5E-08	1.6E-06		
Benzoic acid	1.6E-14					5.4E-07	2.2E-05	6.7E-08	7.5E-06		
Benzyl alcohol	9.8E-18					4.5E-09	1.4E-07	5.6E-10	4.5E-08		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	1.2E-10	8.0E-12	2.9E-10	1.9E-07	7.4E-06	2.4E-08	2.5E-06	3.9E-16	3.1E-14
Butyl benzyl phthalate	1.8E-13	3.3E-15	6.6E-14	3.8E-15	1.6E-13	6.0E-09	2.5E-07	7.5E-10	8.3E-08	1.9E-19	1.7E-17
Carbazole				1.4E-14	2.6E-13	1.7E-10	3.0E-09	2.1E-11	1.0E-09	6.9E-19	2.8E-17
Dibenzofuran		1.4E-16	2.9E-15	5.7E-16	2.3E-14	9.5E-09	3.9E-07	1.2E-09	1.3E-07	2.4E-16	2.1E-14
Dimethyl phthalate	6.5E-17					3.3E-10	5.9E-09	4.2E-11	2.0E-09		
Di-n-butyl phthalate	1.7E-12	3.3E-15	6.7E-14	3.9E-15	1.6E-13	9.2E-09	3.8E-07	1.1E-09	1.3E-07	1.9E-19	1.7E-17
Di-n-octyl phthalate	1.3E-17	9.4E-15	8.7E-14	1.1E-14	2.1E-13	6.4E-10	1.1E-08	8.0E-11	3.8E-09	5.5E-19	2.2E-17

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Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	7.9E-07	5.5E-09	2.6E-07		
Isopropanol						3.4E-04					
Phenol	1.5E-13					3.0E-07	1.2E-05	3.8E-08	4.2E-06		
Pyridine	7.7E-15					2.9E-08	1.2E-06	3.6E-09	4.0E-07		
TRS											
Total Reduced Sulfur						2.9E-07	1.3E-05	3.6E-08	4.2E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	4.6E-09	1.7E-11	1.5E-09		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	5.0E-09	1.7E-11	1.7E-09		
1,1-Dichloroethene	6.0E-21					2.6E-11	4.6E-10	3.2E-12	1.5E-10		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	2.0E-08	6.7E-11	6.6E-09		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	1.9E-09	1.4E-11	6.4E-10		
1,2,4-Trimethylbenzene						6.2E-09	2.0E-07	7.8E-10	6.6E-08		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.2E-09	8.6E-12	4.1E-10		
1,2-Dichloroethane	1.2E-17					2.8E-09	1.0E-07	1.0E-06	3.5E-08		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.7E-07	7.3E-10	5.8E-08		
1,3-Dichloropropane						6.7E-11	1.2E-09	8.4E-12	4.0E-10		
2-Butanone	2.4E-15					3.3E-08	1.3E-06	4.1E-09	4.4E-07		
2-Chlorotoluene						1.5E-09	6.1E-08	1.8E-10	2.0E-08		
2-Hexanone						6.8E-09	2.5E-07	8.4E-10	8.2E-08		
Benzene	2.0E-15					8.4E-05	3.4E-05	9.7E-06	1.1E-05		
Bromobenzene						3.7E-08	6.6E-07	4.7E-09	2.2E-07		
Bromochloromethane						8.8E-11	1.6E-09	1.1E-11	5.2E-10		
Bromodichloromethane	3.1E-19					9.5E-11	1.7E-09	1.2E-11	5.7E-10		

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										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	1.1E-07	4.8E-10	3.8E-08		
Carbon disulfide	1.3E-18					3.3E-09	9.8E-08	4.2E-10	3.3E-08		
Carbon tetrachloride	1.3E-19					1.5E-04	3.9E-09	1.5E-05	1.3E-09		
Chlorobenzene	4.7E-17					4.8E-09	1.7E-07	6.0E-10	5.7E-08		
Chlorodibromomethane	1.8E-17					2.4E-09	4.2E-08	3.0E-10	1.4E-08		
Chloroethane	3.7E-18					9.1E-09	3.2E-07	1.1E-09	1.1E-07		
Chloroform	2.8E-18					2.2E-05	3.8E-08	2.4E-06	1.3E-08		
Chloromethane	9.8E-18					3.1E-08	9.4E-07	3.9E-09	3.1E-07		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	7.1E-08	5.0E-10	2.4E-08		
cis-1,3-Dichloropropene						2.4E-11	4.3E-10	3.0E-12	1.4E-10		
Dibromomethane	4.2E-19					2.0E-10	3.6E-09	2.5E-11	1.2E-09		
Dichlorodifluoromethane	4.7E-21					2.5E-10	4.4E-09	3.1E-11	1.5E-09		
Ethylbenzene	1.5E-15					2.7E-05	7.4E-06	2.4E-08	2.5E-06		
Isopropylbenzene	2.0E-18					1.6E-08	5.4E-07	2.0E-09	1.8E-07		
m&p-Xylene	2.4E-16					3.6E-08	1.2E-06	4.6E-09	4.1E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	6.4E-09	4.5E-11	2.1E-09		
Methylene chloride	2.6E-17					1.8E-08	6.6E-07	2.3E-09	2.2E-07		
n-Butylbenzene						7.8E-09	2.3E-07	9.7E-10	7.7E-08		
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07		
o-Xylene	2.8E-16					2.3E-08	7.6E-07	2.9E-09	2.5E-07		
p-Chlorotoluene						5.5E-10	1.7E-08	6.9E-11	5.6E-09		
p-Isopropyltoluene						3.8E-09	9.2E-08	4.8E-10	3.1E-08		
sec-Butylbenzene						1.4E-09	4.3E-08	1.8E-10	1.4E-08		
Styrene	9.4E-15					5.1E-07	1.9E-05	6.4E-08	6.2E-06		

Table H-76 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						4.6E-08	8.1E-07	5.7E-09	2.7E-07		
Tetrachloroethene	6.6E-19					1.2E-10	4.2E-09	1.5E-11	1.4E-09		
Toluene	1.6E-15					3.2E-07	1.2E-05	3.9E-08	4.1E-06		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	1.5E-06	1.1E-08	5.0E-07		
trans-1,3-Dichloropropene						4.2E-11	7.5E-10	5.3E-12	2.5E-10		
Trichloroethene	6.8E-21					7.3E-12	1.3E-10	9.1E-13	4.3E-11		
Trichlorofluoromethane	1.0E-20					8.7E-11	1.6E-09	1.1E-11	5.2E-10		
Vinyl chloride	4.8E-19					5.0E-09	1.2E-07	6.2E-10	4.0E-08		

Table H-77 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			9.7E-03	1.2E-03	
Aldehydes					
Acetaldehyde			1.7E-02	2.1E-03	
Formaldehyde			6.4E-03	8.0E-04	
Propionaldehyde		1.3E-08	1.9E-03	2.4E-04	9.5E-05
CO					
Carbon monoxide			5.5E-01	6.9E-02	
CO2					
Carbon dioxide			1.6E-02	2.0E-03	
Criteria					
Sulfur Dioxide			3.8E-03	4.7E-04	
DIOXINS					
1,2,3,4,6,7,8-HpCDD			1.2E-08	1.4E-09	
1,2,3,4,6,7,8-HpCDF			1.2E-08	1.4E-09	
1,2,3,4,7,8,9-HpCDF			1.5E-09	1.9E-10	
1,2,3,4,7,8-HxCDD			1.4E-09	1.8E-10	
1,2,3,4,7,8-HxCDF			1.1E-08	1.4E-09	
1,2,3,6,7,8-HxCDD			3.0E-09	3.7E-10	
1,2,3,6,7,8-HxCDF			3.7E-09	4.7E-10	
1,2,3,7,8,9-HxCDD			4.5E-09	5.6E-10	
1,2,3,7,8,9-HxCDF			2.9E-10	3.6E-11	

Table H-77 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD			1.8E-09	2.3E-10	
1,2,3,7,8-PeCDF			2.6E-09	3.2E-10	
2,3,4,6,7,8-HxCDF			5.7E-09	7.1E-10	
2,3,4,7,8-PeCDF			5.8E-09	7.3E-10	
2,3,7,8-TCDD			5.5E-10	6.9E-11	
2,3,7,8-TCDF			2.7E-09	3.4E-10	
OCDD			7.5E-09	9.4E-10	
OCDF			2.8E-09	3.5E-10	
HCN					
Hydrogen cyanide			2.1E-03	2.6E-04	
Metals					
Antimony			6.7E-05	8.4E-06	
Arsenic	3.6E-11	8.6E-11	6.8E-06	8.5E-07	7.0E-12
Barium			9.5E-04	1.2E-04	
Beryllium		1.0E-11	4.6E-07	5.8E-08	5.0E-13
Cadmium		1.8E-10	8.5E-06	1.1E-06	8.9E-12
Chromium			7.6E-05	9.5E-06	
Cobalt			3.4E-05	4.2E-06	
Copper			1.9E-04	2.4E-05	
Lead		1.4E-09	6.1E-05	7.7E-06	6.9E-11
Manganese		1.3E-09	6.1E-05	7.6E-06	6.4E-11
Mercury (+2)			2.7E-07	3.4E-08	

Table H-77 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Mercury, elemental			1.1E-09	1.4E-10	
Nickel		8.2E-10	3.8E-05	4.8E-06	4.0E-11
Phosphorus		6.2E-09	2.7E-04	3.4E-05	6.0E-05
Selenium		4.2E-11	2.0E-06	2.5E-07	2.1E-12
Silver		2.7E-12	1.2E-06	1.5E-07	1.3E-13
Titanium		1.5E-11	7.6E-07	9.5E-08	7.3E-13
Zinc		3.1E-08	1.1E-03	1.4E-04	1.5E-09
NOx					
NOx (Oxides of Nitrogen)			1.6E-02	2.1E-03	
PAHs					
1-Methylnaphthalene	3.2E-09	2.9E-09	4.7E-04	5.9E-05	3.3E-06
1-Methylphenanthrene		3.5E-10	5.7E-05	7.2E-06	1.7E-11
2,3,5-Trimethylnaphthalene		1.8E-10	2.9E-05	3.7E-06	8.7E-12
2,6-Dimethylnaphthalene		4.7E-10	7.6E-05	9.5E-06	2.3E-11
2-Methylnaphthalene	3.1E-09	2.9E-09	4.6E-04	5.8E-05	3.3E-06
Acenaphthylene		1.7E-09	2.8E-04	3.5E-05	8.4E-11
Acenaphthene			5.0E-05	6.3E-06	
Anthracene			9.0E-05	1.1E-05	
Benzo(a)anthracene	8.9E-11	8.1E-11	4.6E-05	5.7E-06	1.2E-09
Benzo(a)pyrene	6.1E-11	5.5E-11	1.7E-05	2.1E-06	2.7E-12
Benzo(b)fluoranthene	2.4E-12	2.2E-12	1.8E-05	2.3E-06	1.1E-13
Benzo(e)pyrene		8.8E-11	1.4E-05	1.8E-06	4.3E-12

Table H-77 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(g,h,i)perylene		6.8E-11	1.1E-05	1.4E-06	3.3E-12
Benzo(k)fluoranthene			3.6E-08	4.5E-09	
Biphenyl		1.0E-08	1.6E-03	2.0E-04	5.9E-06
Chrysene	7.0E-12	6.4E-12	7.3E-05	9.2E-06	3.1E-13
Dibenze(a,h)anthracene	3.2E-12	2.9E-12	2.6E-06	3.3E-07	1.4E-13
Fluoranthene	6.0E-12	5.4E-12	1.1E-04	1.3E-05	2.7E-13
Fluorene			2.7E-04	3.4E-05	
Indeno(1,2,3-cd)pyrene	3.1E-11	2.8E-11	8.8E-06	1.1E-06	1.4E-12
Napthalene			2.1E-03	2.7E-04	
Perylene		4.3E-11	7.2E-06	9.0E-07	2.1E-12
Phenanthrene			5.0E-04	6.3E-05	
Pyrene			1.1E-04	1.3E-05	
Particulate					
Particulate Total Suspended Particulate		5.8E-06	3.0E-01	3.8E-02	2.8E-07
PM<10		7.7E-06	4.1E-01	5.1E-02	3.8E-07
PM<2.5		6.6E-06	3.6E-01	4.5E-02	3.2E-07
PCBs					
Dichlorobiphenyl			1.3E-06	1.6E-07	
Heptachlorobiphenyl			1.8E-08	2.2E-09	
Hexachlorobiphenyl			7.0E-08	8.8E-09	
Monochlorobiphenyl			9.2E-06	1.1E-06	
Nonachlorobiphenyl			2.1E-09	2.6E-10	

Table H-77 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Octachlorobiphenyl			5.2E-09	6.5E-10	
Pentachlorobiphenyl			2.3E-07	2.9E-08	
Tetrachlorobiphenyl			3.8E-07	4.7E-08	
Trichlorobiphenyl			5.0E-07	6.2E-08	
SVOCs					
1,2,4-trichlorobenzene			2.7E-06	3.3E-07	
1,2-dichlorobenzene			3.5E-07	4.3E-08	
1,3-dichlorobenzene			1.8E-06	2.2E-07	
1,4-dichlorobenzene			2.4E-05	3.0E-06	
2,4-Dimethylphenol			3.2E-04	4.1E-05	
2-Chlorophenol			7.3E-05	9.1E-06	
2-Methylphenol			8.2E-04	1.0E-04	
2-Nitrophenol			1.1E-04	1.3E-05	
3-Methylphenol & 4-Methylphenol		9.0E-09	1.5E-03	1.8E-04	4.4E-10
4-Nitrophenol			1.6E-04	2.0E-05	
Acetophenone			1.7E-03	2.1E-04	
Benzoic acid			7.8E-03	9.8E-04	
Benzyl alcohol			4.1E-05	5.1E-06	
bis(2-Ethylhexyl) phthalate	1.2E-08	1.4E-08	2.5E-03	3.1E-04	6.9E-10
Butyl benzyl phthalate	2.2E-11	2.7E-11	8.6E-05	1.1E-05	1.3E-12
Carbazole		8.1E-12	5.1E-07	6.4E-08	4.0E-13
Dibenzofuran	2.1E-10	8.4E-10	1.4E-04	1.7E-05	3.6E-07

Table H-77 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dimethyl phthalate			1.1E-06	1.3E-07	
Di-n-butyl phthalate	6.9E-12	8.2E-12	1.3E-04	1.7E-05	4.0E-13
Di-n-octyl phthalate	3.9E-12	4.7E-12	2.0E-06	2.5E-07	2.3E-13
Hexachlorobutadiene			1.4E-04	1.8E-05	
Phenol			4.3E-03	5.4E-04	
Pyridine			4.1E-04	5.1E-05	
TRS					
Total Reduced Sulfur			4.5E-03	5.6E-04	
VOCs					
1,1,1,2-Tetrachloroethane			1.5E-06	1.8E-07	
1,1,1-Trichloroethane			1.7E-06	2.1E-07	
1,1-Dichloroethene			8.2E-08	1.0E-08	
1,2,3-Trichlorobenzene			6.6E-06	8.2E-07	
1,2,3-Trichloropropane			3.4E-07	4.3E-08	
1,2,4-Trimethylbenzene			6.1E-05	7.6E-06	
1,2-Dibromoethane			2.2E-07	2.7E-08	
1,2-Dichloroethane			3.5E-05	4.4E-06	
1,3,5-Trimethylbenzene			5.2E-05	6.5E-06	
1,3-Dichloropropane			2.1E-07	2.7E-08	
2-Butanone			4.5E-04	5.6E-05	
2-Chlorotoluene			2.1E-05	2.6E-06	
2-Hexanone			8.1E-05	1.0E-05	

Table H-77 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzene			1.2E-02	1.4E-03	
Bromobenzene			1.2E-04	1.5E-05	
Bromochloromethane			2.8E-07	3.5E-08	
Bromodichloromethane			3.0E-07	3.8E-08	
Bromomethane			3.4E-05	4.3E-06	
Carbon disulfide			2.9E-05	3.6E-06	
Carbon tetrachloride			6.9E-07	8.6E-08	
Chlorobenzene			5.6E-05	7.0E-06	
Chlorodibromomethane			7.5E-06	9.4E-07	
Chloroethane			1.0E-04	1.3E-05	
Chloroform			7.7E-06	9.7E-07	
Chloromethane			2.8E-04	3.5E-05	
cis-1,2-Dichloroethene			1.3E-05	1.6E-06	
cis-1,3-Dichloropropene			7.7E-08	9.6E-09	
Dibromomethane			6.5E-07	8.1E-08	
Dichlorodifluoromethane			7.9E-07	9.9E-08	
Ethylbenzene			2.5E-03	3.1E-04	
Isopropylbenzene			1.7E-04	2.2E-05	
m&p-Xylene			3.9E-04	4.9E-05	
Methyl Isobutyl Ketone (4-methyl-2-penta			1.1E-06	1.4E-07	
Methylene chloride			2.2E-04	2.7E-05	
n-Butylbenzene			6.9E-05	8.6E-06	

Table H-77 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
n-Propylbenzene			9.6E-05	1.2E-05	
o-Xylene			2.4E-04	3.0E-05	
p-Chlorotoluene			5.0E-06	6.2E-07	
p-Isopropyltoluene			2.3E-05	2.9E-06	
sec-Butylbenzene			1.3E-05	1.6E-06	
Styrene			6.1E-03	7.7E-04	
tert-Butylbenzene			1.4E-04	1.8E-05	
Tetrachloroethene			1.4E-06	1.7E-07	
Toluene			4.2E-03	5.3E-04	
trans-1,2-Dichloroethene			2.7E-04	3.3E-05	
trans-1,3-Dichloropropene			1.3E-07	1.7E-08	
Trichloroethene			2.3E-08	2.9E-09	
Trichlorofluoromethane			2.8E-07	3.5E-08	
Vinyl chloride			3.1E-05	3.9E-06	

Table H-78 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			2.7E-05	3.4E-06	
Aldehydes					
Acetaldehyde			4.7E-05	5.9E-06	
Formaldehyde			1.8E-05	2.2E-06	
Propionaldehyde		5.2E-14	5.3E-06	6.6E-07	3.9E-13
CO					
Carbon monoxide			1.6E-03	1.9E-04	
CO2					
Carbon dioxide			4.6E-05	5.7E-06	
Criteria					
Sulfur Dioxide			1.1E-05	1.3E-06	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	4.1E-14	1.6E-13	3.2E-11	4.0E-12	7.9E-18
1,2,3,4,6,7,8-HpCDF	4.1E-14	1.6E-13	3.2E-11	4.0E-12	7.9E-18
1,2,3,4,7,8,9-HpCDF	5.1E-15	2.0E-14	4.3E-12	5.3E-13	9.8E-19
1,2,3,4,7,8-HxCDD	4.9E-15	1.9E-14	3.9E-12	4.9E-13	9.4E-19
1,2,3,4,7,8-HxCDF	3.9E-14	1.5E-13	3.2E-11	4.0E-12	7.5E-18
1,2,3,6,7,8-HxCDD	1.0E-14	3.9E-14	8.3E-12	1.0E-12	1.9E-18
1,2,3,6,7,8-HxCDF	1.3E-14	5.1E-14	1.0E-11	1.3E-12	2.5E-18
1,2,3,7,8,9-HxCDD	1.6E-14	6.2E-14	1.3E-11	1.6E-12	3.0E-18
1,2,3,7,8,9-HxCDF	9.3E-16	3.7E-15	8.1E-13	1.0E-13	1.8E-19

Table H-78 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	5.6E-15	2.2E-14	5.1E-12	6.3E-13	1.1E-18
1,2,3,7,8-PeCDF	6.7E-15	2.6E-14	7.3E-12	9.1E-13	1.3E-18
2,3,4,6,7,8-HxCDF	1.9E-14	7.5E-14	1.6E-11	2.0E-12	3.7E-18
2,3,4,7,8-PeCDF	1.6E-14	6.3E-14	1.6E-11	2.0E-12	3.1E-18
2,3,7,8-TCDD	7.2E-16	2.8E-15	1.5E-12	1.9E-13	9.7E-17
2,3,7,8-TCDF	2.1E-15	8.5E-15	7.6E-12	9.5E-13	4.1E-19
OCDD	2.7E-14	1.1E-13	2.1E-11	2.6E-12	5.2E-18
OCDF	1.0E-14	4.0E-14	7.8E-12	9.7E-13	1.9E-18
HCN					
Hydrogen cyanide			5.8E-06	7.3E-07	
Metals					
Antimony			1.9E-07	2.4E-08	
Arsenic	5.9E-17	1.4E-16	1.9E-08	2.4E-09	1.1E-20
Barium		5.3E-08	2.7E-06	3.3E-07	2.6E-12
Beryllium		2.3E-14	1.3E-09	1.6E-10	1.1E-18
Cadmium		1.9E-14	2.4E-08	3.0E-09	9.3E-19
Chromium		2.0E-09	2.1E-07	2.7E-08	9.8E-14
Cobalt		4.0E-09	9.5E-08	1.2E-08	2.0E-13
Copper		7.6E-09	5.4E-07	6.8E-08	3.7E-13
Lead		2.2E-12	1.7E-07	2.1E-08	1.1E-16
Manganese		1.8E-11	1.7E-07	2.1E-08	9.0E-16
Mercury (+2)		7.6E-13	7.5E-10	9.4E-11	3.7E-17

Table H-78 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Mercury, elemental			3.1E-12	3.9E-13	
Methyl Mercury		4.8E-14			2.3E-18
Nickel		9.3E-14	1.1E-07	1.3E-08	4.5E-18
Phosphorus		1.6E-13	7.5E-07	9.4E-08	1.5E-12
Selenium		9.4E-16	5.5E-09	6.9E-10	4.6E-20
Silver		1.8E-11	3.3E-09	4.1E-10	8.8E-16
Titanium		2.1E-13	2.1E-09	2.7E-10	1.0E-17
Zinc		3.3E-12	3.2E-06	4.0E-07	1.6E-16
NOx					
NOx (Oxides of Nitrogen)			4.6E-05	5.8E-06	
PAHs					
1-Methylnaphthalene	8.0E-15	7.2E-15	1.3E-06	1.7E-07	8.2E-15
1-Methylphenanthrene		5.0E-12	1.6E-07	2.0E-08	2.4E-16
2,3,5-Trimethylnaphthalene		2.5E-12	8.2E-08	1.0E-08	1.2E-16
2,6-Dimethylnaphthalene		6.5E-12	2.1E-07	2.7E-08	3.2E-16
2-Methylnaphthalene	7.7E-15	7.0E-15	1.3E-06	1.6E-07	8.1E-15
Acenaphthylene		2.1E-11	7.8E-07	9.7E-08	1.0E-15
Acenaphthene			1.4E-07	1.8E-08	
Anthracene			2.5E-07	3.1E-08	
Benzo(a)anthracene	7.4E-11	6.7E-11	1.3E-07	1.6E-08	1.0E-12
Benzo(a)pyrene	3.0E-11	2.7E-11	4.8E-08	6.0E-09	1.3E-15
Benzo(b)fluoranthene	1.6E-12	1.5E-12	5.1E-08	6.3E-09	7.1E-17

Table H-78 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(e)pyrene		1.1E-12	3.9E-08	4.9E-09	5.3E-17
Benzo(g,h,i)perylene		8.3E-13	3.1E-08	3.9E-09	4.1E-17
Benzo(k)fluoranthene	5.6E-13	5.1E-13	1.0E-10	1.3E-11	2.5E-17
Biphenyl		1.2E-13	4.6E-06	5.7E-07	6.8E-14
Chrysene	8.9E-11	8.1E-11	2.1E-07	2.6E-08	4.0E-15
Dibenze(a,h)anthracene	1.1E-11	9.9E-12	7.4E-09	9.2E-10	4.9E-16
Fluoranthene	2.2E-12	2.0E-12	3.0E-07	3.8E-08	1.0E-16
Fluorene			7.7E-07	9.6E-08	
Indeno(1,2,3-cd)pyrene	3.0E-11	2.7E-11	2.5E-08	3.1E-09	1.3E-15
Napthalene			6.0E-06	7.5E-07	
Perylene		5.3E-13	2.0E-08	2.5E-09	2.6E-17
Phenanthrene			1.4E-06	1.8E-07	
Pyrene	8.4E-12	7.7E-12	3.0E-07	3.7E-08	2.1E-13
Particulate					
Particulate Total Suspended Particulate		8.1E-08	8.5E-04	1.1E-04	4.0E-12
PM<10		1.1E-07	1.1E-03	1.4E-04	5.3E-12
PM<2.5		9.2E-08	1.0E-03	1.3E-04	4.5E-12
PCBs					
Dichlorobiphenyl	2.1E-14	1.8E-14	3.7E-09	4.6E-10	1.6E-15
Heptachlorobiphenyl	2.3E-15	2.0E-15	4.9E-11	6.2E-12	9.9E-17
Hexachlorobiphenyl	9.4E-15	8.0E-15	2.0E-10	2.5E-11	4.0E-16
Monochlorobiphenyl	1.5E-13	1.2E-13	2.6E-08	3.2E-09	1.1E-14

Table H-78 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Nonachlorobiphenyl	3.0E-16	2.5E-16	5.8E-12	7.2E-13	1.3E-17
Octachlorobiphenyl	6.9E-16	5.8E-16	1.4E-11	1.8E-12	3.0E-17
Pentachlorobiphenyl	3.2E-14	2.7E-14	6.5E-10	8.1E-11	1.4E-15
Tetrachlorobiphenyl	6.3E-15	5.3E-15	1.1E-09	1.3E-10	5.0E-16
Trichlorobiphenyl	8.2E-15	6.9E-15	1.4E-09	1.7E-10	6.5E-16
SVOCs					
1,2,4-trichlorobenzene			7.5E-09	9.4E-10	
1,2-dichlorobenzene			9.7E-10	1.2E-10	
1,3-dichlorobenzene			4.9E-09	6.2E-10	
1,4-dichlorobenzene			6.8E-08	8.5E-09	
2,4-Dimethylphenol			9.1E-07	1.1E-07	
2-Chlorophenol			2.0E-07	2.5E-08	
2-Methylphenol			2.3E-06	2.9E-07	
2-Nitrophenol			3.0E-07	3.8E-08	
3-Methylphenol & 4-Methylphenol		1.3E-10	4.1E-06	5.1E-07	6.2E-15
4-Nitrophenol			4.6E-07	5.7E-08	
Acetophenone			4.7E-06	5.9E-07	
Benzoic acid			2.2E-05	2.7E-06	
Benzyl alcohol			1.1E-07	1.4E-08	
bis(2-Ethylhexyl) phthalate	1.9E-10	2.2E-10	7.0E-06	8.8E-07	1.1E-14
Butyl benzyl phthalate	1.1E-13	1.3E-13	2.4E-07	3.0E-08	6.3E-18
Carbazole		1.1E-13	1.4E-09	1.8E-10	5.6E-18

Table H-78 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibenzofuran	4.6E-15	1.8E-14	3.8E-07	4.8E-08	7.8E-15
Dimethyl phthalate			3.0E-09	3.7E-10	
Di-n-butyl phthalate	1.1E-13	1.3E-13	3.7E-07	4.6E-08	6.4E-18
Di-n-octyl phthalate	7.7E-14	9.0E-14	5.7E-09	7.1E-10	4.4E-18
Hexachlorobutadiene			3.9E-07	4.9E-08	
Phenol			1.2E-05	1.5E-06	
Pyridine			1.2E-06	1.4E-07	
TRS					
Total Reduced Sulfur			1.3E-05	1.6E-06	
VOCs					
1,1,1,2-Tetrachloroethane			4.1E-09	5.1E-10	
1,1,1-Trichloroethane			4.7E-09	5.8E-10	
1,1-Dichloroethene			2.3E-10	2.9E-11	
1,2,3-Trichlorobenzene			1.8E-08	2.3E-09	
1,2,3-Trichloropropane			9.6E-10	1.2E-10	
1,2,4-Trimethylbenzene			1.7E-07	2.1E-08	
1,2-Dibromoethane			6.1E-10	7.7E-11	
1,2-Dichloroethane			9.8E-08	1.2E-08	
1,3,5-Trimethylbenzene			1.4E-07	1.8E-08	
1,3-Dichloropropane			6.0E-10	7.4E-11	
2-Butanone			1.2E-06	1.6E-07	
2-Chlorotoluene			5.9E-08	7.3E-09	

Table H-78 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Hexanone			2.3E-07	2.8E-08	
Benzene			3.2E-05	4.0E-06	
Bromobenzene			3.3E-07	4.1E-08	
Bromochloromethane			7.8E-10	9.8E-11	
Bromodichloromethane			8.5E-10	1.1E-10	
Bromomethane			9.6E-08	1.2E-08	
Carbon disulfide			8.0E-08	1.0E-08	
Carbon tetrachloride			1.9E-09	2.4E-10	
Chlorobenzene			1.6E-07	2.0E-08	
Chlorodibromomethane			2.1E-08	2.6E-09	
Chloroethane			2.9E-07	3.6E-08	
Chloroform			2.2E-08	2.7E-09	
Chloromethane			7.9E-07	9.8E-08	
cis-1,2-Dichloroethene			3.5E-08	4.4E-09	
cis-1,3-Dichloropropene			2.2E-10	2.7E-11	
Dibromomethane			1.8E-09	2.3E-10	
Dichlorodifluoromethane			2.2E-09	2.8E-10	
Ethylbenzene			6.9E-06	8.6E-07	
Isopropylbenzene			4.8E-07	6.0E-08	
m&p-Xylene			1.1E-06	1.4E-07	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.2E-09	4.0E-10	
Methylene chloride			6.1E-07	7.7E-08	

Table H-78 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
n-Butylbenzene			1.9E-07	2.4E-08	
n-Propylbenzene			2.7E-07	3.4E-08	
o-Xylene			6.7E-07	8.4E-08	
p-Chlorotoluene			1.4E-08	1.7E-09	
p-Isopropyltoluene			6.5E-08	8.2E-09	
sec-Butylbenzene			3.6E-08	4.5E-09	
Styrene			1.7E-05	2.1E-06	
tert-Butylbenzene			4.1E-07	5.1E-08	
Tetrachloroethene			3.8E-09	4.8E-10	
Toluene			1.2E-05	1.5E-06	
trans-1,2-Dichloroethene			7.5E-07	9.4E-08	
trans-1,3-Dichloropropene			3.8E-10	4.7E-11	
Trichloroethene			6.4E-11	8.1E-12	
Trichlorofluoromethane			7.8E-10	9.7E-11	
Vinyl chloride			8.6E-08	1.1E-08	

Table H-79 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas						
Hydrogen Chloride				1.5E-02	4.8E-03	
Aldehydes						
Acetaldehyde	3.3E-14			2.5E-02	8.4E-03	
Formaldehyde	1.6E-13			9.9E-03	3.3E-03	
Propionaldehyde			1.7E-08	2.8E-03	9.3E-04	3.9E-04
CO						
Carbon monoxide				8.1E-01	2.7E-01	
CO2						
Carbon dioxide				2.4E-02	8.1E-03	
Criteria						
Sulfur Dioxide				6.0E-03	2.0E-03	
DIOXINS						
1,2,3,4,6,7,8-HpCDD	1.5E-19			1.6E-08	5.5E-09	
1,2,3,4,6,7,8-HpCDF	1.5E-19			1.7E-08	5.5E-09	
1,2,3,4,7,8,9-HpCDF	3.2E-20			2.2E-09	7.2E-10	
1,2,3,4,7,8-HxCDD	2.3E-19			2.0E-09	6.7E-10	
1,2,3,4,7,8-HxCDF	1.6E-18			1.6E-08	5.4E-09	
1,2,3,6,7,8-HxCDD	4.8E-19			4.2E-09	1.4E-09	
1,2,3,6,7,8-HxCDF	6.0E-19			5.3E-09	1.8E-09	
1,2,3,7,8,9-HxCDD	5.7E-19			6.4E-09	2.1E-09	
1,2,3,7,8,9-HxCDF	5.9E-20			4.1E-10	1.4E-10	

Table H-79 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	2.2E-18			2.6E-09	8.6E-10	
1,2,3,7,8-PeCDF	3.1E-18			3.7E-09	1.2E-09	
2,3,4,6,7,8-HxCDF	9.0E-19			8.1E-09	2.7E-09	
2,3,4,7,8-PeCDF	4.6E-18			8.2E-09	2.7E-09	
2,3,7,8-TCDD	8.0E-19			8.5E-10	2.8E-10	
2,3,7,8-TCDF	2.8E-18			3.8E-09	1.3E-09	
OCDD	1.9E-21			1.1E-08	3.6E-09	
OCDF	7.1E-22			4.0E-09	1.3E-09	
HCN						
Hydrogen cyanide				3.0E-03	1.0E-03	
Metals						
Antimony	5.6E-18			1.3E-04	4.2E-05	
Arsenic	7.3E-16	3.0E-11	1.4E-10	1.0E-05	3.4E-06	3.4E-11
Barium	4.3E-13			1.6E-03	5.5E-04	
Beryllium	2.4E-17		1.7E-11	7.1E-07	2.4E-07	2.5E-12
Cadmium	6.6E-15		3.0E-10	1.3E-05	4.3E-06	4.4E-11
Chromium	5.2E-16			1.1E-04	3.8E-05	
Cobalt				8.7E-05	2.9E-05	
Copper				3.0E-04	9.9E-05	
Lead	5.1E-18		2.5E-09	9.5E-05	3.2E-05	3.6E-10
Manganese			2.2E-09	9.2E-05	3.1E-05	3.2E-10
Mercury (+2)				4.0E-07	1.3E-07	

Table H-79 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Mercury, elemental				1.7E-09	5.6E-10	
Methyl Mercury	1.5E-15					
Nickel	2.7E-15		1.4E-09	5.8E-05	1.9E-05	2.0E-10
Phosphorus			1.1E-08	4.2E-04	1.4E-04	3.2E-04
Selenium	4.6E-16		7.0E-11	3.0E-06	9.9E-07	1.0E-11
Silver	5.8E-17		4.8E-12	1.8E-06	6.1E-07	7.0E-13
Titanium			2.3E-11	1.1E-06	3.7E-07	3.4E-12
Zinc	3.3E-12		6.0E-08	1.9E-03	6.4E-04	8.9E-09
NOx						
NOx (Oxides of Nitrogen)				2.5E-02	8.5E-03	
PAHs						
1-Methylnaphthalene		2.0E-09	3.6E-09	6.7E-04	2.2E-04	1.2E-05
1-Methylphenanthrene			4.3E-10	8.1E-05	2.7E-05	6.3E-11
2,3,5-Trimethylnaphthalene			2.1E-10	4.1E-05	1.4E-05	3.1E-11
2,6-Dimethylnaphthalene			5.6E-10	1.1E-04	3.5E-05	8.3E-11
2-Methylnaphthalene		1.9E-09	3.5E-09	6.5E-04	2.2E-04	1.2E-05
Acenaphthylene			2.1E-09	3.9E-04	1.3E-04	3.0E-10
Acenaphthene	1.2E-15			7.0E-05	2.3E-05	
Anthracene	1.5E-14			1.3E-04	4.2E-05	
Benzo(a)anthracene	2.3E-12	5.2E-11	9.5E-11	6.3E-05	2.1E-05	4.3E-09
Benzo(a)pyrene	1.2E-12	3.7E-11	6.7E-11	2.4E-05	8.0E-06	9.9E-12
Benzo(b)fluoranthene	3.0E-13	1.5E-12	2.8E-12	2.6E-05	8.6E-06	4.1E-13

Table H-79 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(e)pyrene			1.1E-10	2.0E-05	6.6E-06	1.6E-11
Benzo(g,h,i)perylene			8.4E-11	1.5E-05	5.2E-06	1.2E-11
Benzo(k)fluoranthene	1.4E-15			1.0E-07	3.4E-08	
Biphenyl			1.2E-08	2.3E-03	7.6E-04	2.1E-05
Chrysene	3.6E-13	4.3E-12	7.9E-12	1.0E-04	3.4E-05	1.2E-12
Dibenze(a,h)anthracene	5.4E-14	1.9E-12	3.5E-12	3.7E-06	1.2E-06	5.2E-13
Fluoranthene	1.0E-13	3.7E-12	6.7E-12	1.5E-04	5.1E-05	9.8E-13
Fluorene	2.2E-14			3.8E-04	1.3E-04	
Indeno(1,2,3-cd)pyrene	2.4E-13	1.9E-11	3.4E-11	1.2E-05	4.1E-06	5.0E-12
Napthalene	1.0E-14			3.0E-03	1.0E-03	
Perylene			5.0E-11	9.9E-06	3.3E-06	7.4E-12
Phenanthrene	1.0E-13			7.1E-04	2.4E-04	
Pyrene	7.2E-14			1.5E-04	4.9E-05	
Particulate						
Particulate Total Suspended Particulate			8.7E-06	4.4E-01	1.5E-01	1.3E-06
PM<10			1.1E-05	5.9E-01	2.0E-01	1.7E-06
PM<2.5			9.6E-06	5.1E-01	1.7E-01	1.4E-06
PCBs						
Dichlorobiphenyl	2.2E-15			1.9E-06	6.2E-07	
Heptachlorobiphenyl	8.1E-17			2.5E-08	8.3E-09	
Hexachlorobiphenyl	3.3E-16			1.0E-07	3.4E-08	
Monochlorobiphenyl	1.5E-14			1.3E-05	4.3E-06	

Table H-79 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Nonachlorobiphenyl	1.0E-17			3.1E-09	1.0E-09	
Octachlorobiphenyl	2.4E-17			7.4E-09	2.5E-09	
Pentachlorobiphenyl	1.1E-15			3.4E-07	1.1E-07	
Tetrachlorobiphenyl	6.5E-16			5.5E-07	1.8E-07	
Trichlorobiphenyl	8.4E-16			7.2E-07	2.4E-07	
SVOCs						
1,2,4-trichlorobenzene				4.2E-06	1.4E-06	
1,2-dichlorobenzene	9.8E-19			9.5E-07	3.2E-07	
1,3-dichlorobenzene	2.5E-18			2.7E-06	9.0E-07	
1,4-dichlorobenzene	3.3E-17			3.3E-05	1.1E-05	
2,4-Dimethylphenol	9.0E-16			4.6E-04	1.5E-04	
2-Chlorophenol	4.6E-17			1.0E-04	3.4E-05	
2-Methylphenol	1.9E-14			1.1E-03	3.8E-04	
2-Nitrophenol	1.1E-16			1.5E-04	5.1E-05	
3-Methylphenol & 4-Methylphenol			1.1E-08	2.0E-03	6.8E-04	1.6E-09
4-Nitrophenol	2.3E-16			2.4E-04	7.9E-05	
Acetophenone	1.4E-15			2.4E-03	7.9E-04	
Benzoic acid	5.7E-15			1.1E-02	3.6E-03	
Benzyl alcohol	3.5E-18			6.6E-05	2.2E-05	
bis(2-Ethylhexyl) phthalate	2.5E-13	7.6E-09	1.8E-08	3.6E-03	1.2E-03	2.7E-09
Butyl benzyl phthalate	6.5E-14	1.4E-11	3.3E-11	1.2E-04	4.0E-05	4.8E-12
Carbazole			1.9E-11	1.5E-06	4.9E-07	2.7E-12

Table H-79 (Lifetime Average Daily Dose)

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Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibenzofuran		1.3E-10	1.0E-09	1.9E-04	6.4E-05	1.3E-06
Dimethyl phthalate	2.3E-17			2.9E-06	9.6E-07	
Di-n-butyl phthalate	6.0E-13	4.2E-12	1.0E-11	1.9E-04	6.2E-05	1.5E-12
Di-n-octyl phthalate	6.6E-18	4.5E-12	1.1E-11	5.6E-06	1.9E-06	1.6E-12
Hexachlorobutadiene	2.4E-15			3.9E-04	1.3E-04	
Phenol	5.3E-14			6.1E-03	2.0E-03	
Pyridine	2.7E-15			5.8E-04	1.9E-04	
TRS						
Total Reduced Sulfur				6.2E-03	2.1E-03	
VOCs						
1,1,1,2-Tetrachloroethane	9.6E-19			2.2E-06	7.4E-07	
1,1,1-Trichloroethane	6.3E-20			2.4E-06	8.1E-07	
1,1-Dichloroethene	2.1E-21			2.3E-07	7.5E-08	
1,2,3-Trichlorobenzene	6.7E-17			9.6E-06	3.2E-06	
1,2,3-Trichloropropane	3.9E-19			9.4E-07	3.1E-07	
1,2,4-Trimethylbenzene				9.6E-05	3.2E-05	
1,2-Dibromoethane	1.3E-19			6.0E-07	2.0E-07	
1,2-Dichloroethane	4.2E-18			5.1E-05	1.7E-05	
1,3,5-Trimethylbenzene	2.2E-17			8.5E-05	2.8E-05	
1,3-Dichloropropane				5.8E-07	1.9E-07	
2-Butanone	8.7E-16			6.4E-04	2.1E-04	
2-Chlorotoluene				3.0E-05	9.9E-06	

Table H-79 (Lifetime Average Daily Dose)

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Exposure Duration (yrs)	25
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Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Hexanone				1.2E-04	4.0E-05	
Benzene	7.0E-16			1.7E-02	5.5E-03	
Bromobenzene				3.2E-04	1.1E-04	
Bromochloromethane				7.7E-07	2.6E-07	
Bromodichloromethane	1.1E-19			8.3E-07	2.8E-07	
Bromomethane	4.8E-19			5.6E-05	1.9E-05	
Carbon disulfide	4.5E-19			4.8E-05	1.6E-05	
Carbon tetrachloride	4.8E-20			1.9E-06	6.3E-07	
Chlorobenzene	1.7E-17			8.4E-05	2.8E-05	
Chlorodibromomethane	6.5E-18			2.1E-05	6.9E-06	
Chloroethane	1.3E-18			1.5E-04	5.2E-05	
Chloroform	1.0E-18			1.9E-05	6.2E-06	
Chloromethane	3.5E-18			4.6E-04	1.5E-04	
cis-1,2-Dichloroethene	1.4E-18			3.4E-05	1.1E-05	
cis-1,3-Dichloropropene				2.1E-07	7.0E-08	
Dibromomethane	1.5E-19			1.8E-06	5.9E-07	
Dichlorodifluoromethane	1.7E-21			2.2E-06	7.2E-07	
Ethylbenzene	5.3E-16			3.6E-03	1.2E-03	
Isopropylbenzene	7.0E-19			2.6E-04	8.8E-05	
m&p-Xylene	8.4E-17			6.0E-04	2.0E-04	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	8.6E-19			3.1E-06	1.0E-06	
Methylene chloride	9.3E-18			3.2E-04	1.1E-04	

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Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
n-Butylbenzene				1.1E-04	3.8E-05	
n-Propylbenzene				1.5E-04	5.0E-05	
o-Xylene	9.9E-17			3.7E-04	1.2E-04	
p-Chlorotoluene				8.1E-06	2.7E-06	
p-Isopropyltoluene				4.5E-05	1.5E-05	
sec-Butylbenzene				2.1E-05	7.0E-06	
Styrene	3.3E-15			9.1E-03	3.0E-03	
tert-Butylbenzene				4.0E-04	1.3E-04	
Tetrachloroethene	2.4E-19			2.1E-06	6.9E-07	
Toluene	5.6E-16			6.0E-03	2.0E-03	
trans-1,2-Dichloroethene	2.1E-17			7.3E-04	2.4E-04	
trans-1,3-Dichloropropene				3.7E-07	1.2E-07	
Trichloroethene	2.4E-21			6.3E-08	2.1E-08	
Trichlorofluoromethane	3.7E-21			7.6E-07	2.5E-07	
Vinyl chloride	1.7E-19			5.9E-05	2.0E-05	

Table H-80 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas						
Hydrogen Chloride				4.1E-05	1.4E-05	
Aldehydes						
Acetaldehyde	9.2E-14			7.1E-05	2.4E-05	
Formaldehyde	4.5E-13			2.8E-05	9.2E-06	
Propionaldehyde			7.2E-14	7.8E-06	2.6E-06	1.6E-12
CO						
Carbon monoxide				2.3E-03	7.6E-04	
CO2						
Carbon dioxide				6.8E-05	2.3E-05	
Criteria						
Sulfur Dioxide				1.7E-05	5.6E-06	
DIOXINS						
1,2,3,4,6,7,8-HpCDD	1.3E-18	2.6E-14	2.1E-13	4.6E-11	1.5E-11	3.0E-17
1,2,3,4,6,7,8-HpCDF	1.3E-18	2.6E-14	2.1E-13	4.6E-11	1.5E-11	3.0E-17
1,2,3,4,7,8,9-HpCDF	1.9E-19	3.1E-15	2.5E-14	6.0E-12	2.0E-12	3.7E-18
1,2,3,4,7,8-HxCDD	1.5E-18	3.0E-15	2.4E-14	5.6E-12	1.9E-12	3.5E-18
1,2,3,4,7,8-HxCDF	1.0E-17	2.4E-14	1.9E-13	4.6E-11	1.5E-11	2.8E-17
1,2,3,6,7,8-HxCDD	2.8E-18	6.2E-15	4.9E-14	1.2E-11	3.9E-12	7.2E-18
1,2,3,6,7,8-HxCDF	3.8E-18	8.0E-15	6.3E-14	1.5E-11	5.0E-12	9.3E-18
1,2,3,7,8,9-HxCDD	4.1E-18	9.8E-15	7.7E-14	1.8E-11	6.0E-12	1.1E-17
1,2,3,7,8,9-HxCDF	3.0E-19	5.8E-16	4.5E-15	1.1E-12	3.8E-13	6.7E-19

Table H-80 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	7.6E-18	3.5E-15	2.8E-14	7.2E-12	2.4E-12	4.1E-18
1,2,3,7,8-PeCDF	1.1E-17	4.1E-15	3.3E-14	1.0E-11	3.4E-12	4.8E-18
2,3,4,6,7,8-HxCDF	5.4E-18	1.2E-14	9.5E-14	2.3E-11	7.6E-12	1.4E-17
2,3,4,7,8-PeCDF	1.7E-17	9.9E-15	7.8E-14	2.3E-11	7.7E-12	1.1E-17
2,3,7,8-TCDD	2.5E-18	5.2E-16	4.1E-15	2.4E-12	7.9E-13	4.2E-16
2,3,7,8-TCDF	8.0E-18	1.3E-15	1.0E-14	1.1E-11	3.6E-12	1.5E-18
OCDD	1.8E-20	1.7E-14	1.4E-13	3.0E-11	1.0E-11	2.0E-17
OCDF	6.7E-21	6.5E-15	5.1E-14	1.1E-11	3.7E-12	7.5E-18
HCN						
Hydrogen cyanide				8.4E-06	2.8E-06	
Metals						
Antimony	1.6E-17			3.5E-07	1.2E-07	
Arsenic	8.1E-16	4.8E-17	2.3E-16	2.9E-08	9.5E-09	5.6E-20
Barium	2.3E-12		1.1E-07	4.6E-06	1.5E-06	1.6E-11
Beryllium	3.3E-17		3.9E-14	2.0E-09	6.6E-10	5.8E-18
Cadmium	8.3E-15		3.1E-14	3.6E-08	1.2E-08	4.6E-18
Chromium	2.6E-15		3.2E-09	3.2E-07	1.1E-07	4.8E-13
Cobalt			1.0E-08	2.4E-07	8.1E-08	1.5E-12
Copper			1.3E-08	8.3E-07	2.8E-07	1.9E-12
Lead	6.9E-18		3.8E-12	2.7E-07	8.9E-08	5.6E-16
Manganese			3.1E-11	2.6E-07	8.6E-08	4.5E-15
Mercury (+2)			1.1E-12	1.1E-09	3.8E-10	1.6E-16

Table H-80 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Mercury, elemental				4.7E-12	1.6E-12	
Methyl Mercury	8.7E-15		7.9E-14			1.2E-17
Nickel	3.3E-15		1.6E-13	1.6E-07	5.4E-08	2.3E-17
Phosphorus			2.8E-13	1.2E-06	3.9E-07	8.0E-12
Selenium	2.8E-16		1.6E-15	8.3E-09	2.8E-09	2.3E-19
Silver	2.1E-16		3.1E-11	5.1E-09	1.7E-09	4.6E-15
Titanium			3.2E-13	3.1E-09	1.0E-09	4.8E-17
Zinc	4.1E-12		6.5E-12	5.4E-06	1.8E-06	9.6E-16
NOx						
NOx (Oxides of Nitrogen)				7.1E-05	2.4E-05	
PAHs						
1-Methylnaphthalene		4.9E-15	8.9E-15	1.9E-06	6.2E-07	3.0E-14
1-Methylphenanthrene			6.0E-12	2.3E-07	7.5E-08	8.9E-16
2,3,5-Trimethylnaphthalene			3.0E-12	1.1E-07	3.8E-08	4.4E-16
2,6-Dimethylnaphthalene			7.9E-12	3.0E-07	9.9E-08	1.2E-15
2-Methylnaphthalene		4.7E-15	8.6E-15	1.8E-06	6.1E-07	3.0E-14
Acenaphthylene			2.5E-11	1.1E-06	3.6E-07	3.7E-15
Acenaphthene	3.4E-15			2.0E-07	6.6E-08	
Anthracene	4.3E-14			3.5E-07	1.2E-07	
Benzo(a)anthracene	6.2E-12	4.4E-11	8.0E-11	1.8E-07	5.9E-08	3.6E-12
Benzo(a)pyrene	3.1E-12	1.8E-11	3.3E-11	6.7E-08	2.2E-08	4.9E-15
Benzo(b)fluoranthene	8.3E-13	1.0E-12	1.8E-12	7.2E-08	2.4E-08	2.7E-16

Table H-80 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(e)pyrene			1.3E-12	5.6E-08	1.9E-08	2.0E-16
Benzo(g,h,i)perylene			1.0E-12	4.3E-08	1.4E-08	1.5E-16
Benzo(k)fluoranthene	7.4E-15	6.4E-13	1.2E-12	2.8E-10	9.5E-11	1.7E-16
Biphenyl			1.4E-13	6.4E-06	2.1E-06	2.5E-13
Chrysene	1.1E-12	5.5E-11	9.9E-11	2.9E-07	9.6E-08	1.5E-14
Dibenze(a,h)anthracene	1.6E-13	6.7E-12	1.2E-11	1.0E-08	3.5E-09	1.8E-15
Fluoranthene	2.8E-13	1.4E-12	2.5E-12	4.2E-07	1.4E-07	3.7E-16
Fluorene	6.1E-14			1.1E-06	3.6E-07	
Indeno(1,2,3-cd)pyrene	4.0E-13	1.8E-11	3.3E-11	3.5E-08	1.2E-08	4.9E-15
Napthalene	2.8E-14			8.4E-06	2.8E-06	
Perylene			6.2E-13	2.8E-08	9.2E-09	9.1E-17
Phenanthrene	2.9E-13			2.0E-06	6.6E-07	
Pyrene	2.0E-13	5.1E-12	9.3E-12	4.1E-07	1.4E-07	7.9E-13
Particulate						
Particulate Total Suspended Particulate			1.2E-07	1.2E-03	4.1E-04	1.8E-11
PM<10			1.6E-07	1.6E-03	5.5E-04	2.3E-11
PM<2.5			1.3E-07	1.4E-03	4.8E-04	2.0E-11
PCBs						
Dichlorobiphenyl	6.1E-15	1.3E-14	2.2E-14	5.2E-09	1.7E-09	6.1E-15
Heptachlorobiphenyl	2.3E-16	1.4E-15	2.4E-15	7.0E-11	2.3E-11	3.7E-16
Hexachlorobiphenyl	9.3E-16	6.1E-15	1.0E-14	2.8E-10	9.4E-11	1.6E-15
Monochlorobiphenyl	4.3E-14	9.0E-14	1.5E-13	3.6E-08	1.2E-08	4.3E-14

Table H-80 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Nonachlorobiphenyl	2.9E-17	2.1E-16	3.5E-16	8.7E-12	2.9E-12	5.3E-17
Octachlorobiphenyl	6.8E-17	4.4E-16	7.5E-16	2.1E-11	6.9E-12	1.1E-16
Pentachlorobiphenyl	3.1E-15	2.1E-14	3.5E-14	9.4E-10	3.1E-10	5.4E-15
Tetrachlorobiphenyl	1.8E-15	4.2E-15	7.1E-15	1.5E-09	5.1E-10	2.0E-15
Trichlorobiphenyl	2.4E-15	5.3E-15	9.0E-15	2.0E-09	6.7E-10	2.5E-15
SVOCs						
1,2,4-trichlorobenzene				1.2E-08	3.9E-09	
1,2-dichlorobenzene	2.8E-18			2.6E-09	8.8E-10	
1,3-dichlorobenzene	6.9E-18			7.5E-09	2.5E-09	
1,4-dichlorobenzene	9.2E-17			9.3E-08	3.1E-08	
2,4-Dimethylphenol	2.5E-15			1.3E-06	4.3E-07	
2-Chlorophenol	1.3E-16			2.8E-07	9.4E-08	
2-Methylphenol	5.3E-14			3.2E-06	1.1E-06	
2-Nitrophenol	3.2E-16			4.3E-07	1.4E-07	
3-Methylphenol & 4-Methylphenol			1.5E-10	5.7E-06	1.9E-06	2.3E-14
4-Nitrophenol	6.5E-16			6.6E-07	2.2E-07	
Acetophenone	3.9E-15			6.6E-06	2.2E-06	
Benzoic acid	1.6E-14			3.1E-05	1.0E-05	
Benzyl alcohol	9.8E-18			1.9E-07	6.2E-08	
bis(2-Ethylhexyl) phthalate	4.9E-13	1.2E-10	2.9E-10	1.0E-05	3.4E-06	4.2E-14
Butyl benzyl phthalate	1.8E-13	6.6E-14	1.6E-13	3.4E-07	1.1E-07	2.3E-17
Carbazole			2.6E-13	4.1E-09	1.4E-09	3.8E-17

Table H-80 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibenzofuran		2.9E-15	2.3E-14	5.4E-07	1.8E-07	2.9E-14
Dimethyl phthalate	6.5E-17			8.1E-09	2.7E-09	
Di-n-butyl phthalate	1.7E-12	6.7E-14	1.6E-13	5.2E-07	1.7E-07	2.3E-17
Di-n-octyl phthalate	1.3E-17	8.7E-14	2.1E-13	1.6E-08	5.2E-09	3.0E-17
Hexachlorobutadiene	6.7E-15			1.1E-06	3.6E-07	
Phenol	1.5E-13			1.7E-05	5.7E-06	
Pyridine	7.7E-15			1.6E-06	5.4E-07	
TRS						
Total Reduced Sulfur				1.7E-05	5.8E-06	
VOCs						
1,1,1,2-Tetrachloroethane	2.7E-18			6.2E-09	2.1E-09	
1,1,1-Trichloroethane	1.8E-19			6.8E-09	2.3E-09	
1,1-Dichloroethene	6.0E-21			6.3E-10	2.1E-10	
1,2,3-Trichlorobenzene	1.9E-16			2.7E-08	9.0E-09	
1,2,3-Trichloropropane	1.1E-18			2.6E-09	8.8E-10	
1,2,4-Trimethylbenzene				2.7E-07	9.0E-08	
1,2-Dibromoethane	3.7E-19			1.7E-09	5.6E-10	
1,2-Dichloroethane	1.2E-17			1.4E-07	4.8E-08	
1,3,5-Trimethylbenzene	6.0E-17			2.4E-07	7.9E-08	
1,3-Dichloropropane				1.6E-09	5.4E-10	
2-Butanone	2.4E-15			1.8E-06	6.0E-07	
2-Chlorotoluene				8.3E-08	2.8E-08	

Table H-80 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Hexanone				3.3E-07	1.1E-07	
Benzene	2.0E-15			4.6E-05	1.5E-05	
Bromobenzene				9.1E-07	3.0E-07	
Bromochloromethane				2.1E-09	7.1E-10	
Bromodichloromethane	3.1E-19			2.3E-09	7.7E-10	
Bromomethane	1.3E-18			1.6E-07	5.2E-08	
Carbon disulfide	1.3E-18			1.3E-07	4.4E-08	
Carbon tetrachloride	1.3E-19			5.3E-09	1.8E-09	
Chlorobenzene	4.7E-17			2.3E-07	7.8E-08	
Chlorodibromomethane	1.8E-17			5.8E-08	1.9E-08	
Chloroethane	3.7E-18			4.3E-07	1.4E-07	
Chloroform	2.8E-18			5.2E-08	1.7E-08	
Chloromethane	9.8E-18			1.3E-06	4.3E-07	
cis-1,2-Dichloroethene	3.8E-18			9.7E-08	3.2E-08	
cis-1,3-Dichloropropene				5.9E-10	2.0E-10	
Dibromomethane	4.2E-19			5.0E-09	1.7E-09	
Dichlorodifluoromethane	4.7E-21			6.0E-09	2.0E-09	
Ethylbenzene	1.5E-15			1.0E-05	3.4E-06	
Isopropylbenzene	2.0E-18			7.4E-07	2.5E-07	
m&p-Xylene	2.4E-16			1.7E-06	5.6E-07	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	2.4E-18			8.7E-09	2.9E-09	
Methylene chloride	2.6E-17			9.0E-07	3.0E-07	

Table H-80 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
n-Butylbenzene				3.2E-07	1.1E-07	
n-Propylbenzene				4.2E-07	1.4E-07	
o-Xylene	2.8E-16			1.0E-06	3.5E-07	
p-Chlorotoluene				2.3E-08	7.6E-09	
p-Isopropyltoluene				1.3E-07	4.2E-08	
sec-Butylbenzene				5.9E-08	2.0E-08	
Styrene	9.4E-15			2.5E-05	8.5E-06	
tert-Butylbenzene				1.1E-06	3.7E-07	
Tetrachloroethene	6.6E-19			5.8E-09	1.9E-09	
Toluene	1.6E-15			1.7E-05	5.6E-06	
trans-1,2-Dichloroethene	5.9E-17			2.1E-06	6.9E-07	
trans-1,3-Dichloropropene				1.0E-09	3.4E-10	
Trichloroethene	6.8E-21			1.8E-10	5.9E-11	
Trichlorofluoromethane	1.0E-20			2.1E-09	7.1E-10	
Vinyl chloride	4.8E-19			1.6E-07	5.5E-08	

Table H-81 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			3.6E-05	4.5E-06	
Aldehydes					
Acetaldehyde			6.2E-05	7.8E-06	
Formaldehyde			2.4E-01	3.3E-06	
Propionaldehyde		9.6E-17	6.8E-06	8.5E-07	7.2E-13
CO					
Carbon monoxide			1.9E-03	2.4E-04	
CO2					
Carbon dioxide			6.0E-05	7.5E-06	
Criteria					
Sulfur Dioxide			1.6E-05	2.0E-06	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	3.2E-17	1.3E-16	3.6E-11	4.5E-12	6.2E-18
1,2,3,4,6,7,8-HpCDF	3.3E-17	1.3E-16	3.7E-11	4.6E-12	6.3E-18
1,2,3,4,7,8,9-HpCDF	3.7E-18	1.5E-17	4.7E-12	5.8E-13	7.2E-19
1,2,3,4,7,8-HxCDD	3.7E-18	1.4E-17	4.4E-12	5.4E-13	7.1E-19
1,2,3,4,7,8-HxCDF	2.9E-17	1.1E-16	3.5E-11	4.4E-12	5.6E-18
1,2,3,6,7,8-HxCDD	7.5E-18	2.9E-17	9.2E-12	1.1E-12	1.4E-18
1,2,3,6,7,8-HxCDF	9.5E-18	3.7E-17	1.1E-11	1.4E-12	1.8E-18
1,2,3,7,8,9-HxCDD	1.2E-17	4.6E-17	1.4E-11	1.7E-12	2.3E-18
1,2,3,7,8,9-HxCDF	6.8E-19	2.7E-18	8.8E-13	1.1E-13	1.3E-19

Table H-81 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	4.1E-18	1.6E-17	5.5E-12	6.9E-13	8.0E-19
1,2,3,7,8-PeCDF	4.9E-18	1.9E-17	7.9E-12	9.9E-13	9.4E-19
2,3,4,6,7,8-HxCDF	1.5E-17	5.9E-17	1.8E-11	2.2E-12	2.9E-18
2,3,4,7,8-PeCDF	1.2E-17	4.6E-17	1.8E-11	2.2E-12	2.2E-18
2,3,7,8-TCDD	8.5E-19	3.4E-18	2.2E-12	2.8E-13	1.1E-16
2,3,7,8-TCDF	1.5E-18	6.1E-18	8.2E-12	1.0E-12	3.0E-19
OCDD	2.2E-17	8.6E-17	2.4E-11	3.0E-12	4.2E-18
OCDF	8.4E-18	3.3E-17	9.1E-12	1.1E-12	1.6E-18
DNT					
2,4-Dinitrotoluene	1.7E-08	2.0E-08			1.0E-09
2,6-Dinitrotoluene	2.7E-08	3.3E-08			1.6E-09
HCN					
Hydrogen cyanide			6.8E-06	8.5E-07	
Metals					
Aluminum		3.4E-04			1.7E-05
Antimony		1.3E-08	4.5E-07	5.6E-08	6.4E-10
Arsenic	2.6E-08	6.1E-08	2.5E-08	3.2E-09	4.9E-09
Barium		7.6E-11	5.4E-06	6.7E-07	3.7E-12
Beryllium		4.5E-17	1.8E-09	2.3E-10	2.2E-18
Cadmium		3.5E-17	3.2E-08	4.1E-09	1.7E-18
Chromium		2.3E-12	2.8E-07	3.5E-08	1.1E-13
Cobalt		8.3E-07	4.2E-07	5.3E-08	4.1E-08

Table H-81 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Copper		8.3E-12	7.6E-07	9.5E-08	4.1E-13
Iron		7.3E-04			3.6E-05
Lead		4.4E-06	2.6E-07	3.2E-08	2.2E-07
Manganese		3.4E-14	2.3E-07	2.9E-08	1.7E-15
Mercury (+2)		7.3E-16	1.0E-09	1.3E-10	3.6E-17
Mercury, elemental		6.4E-10	4.2E-12	5.3E-13	1.2E-06
Methyl Mercury		4.4E-17			2.1E-18
Nickel		1.7E-05	1.5E-07	1.9E-08	8.5E-07
Phosphorus		3.2E-16	1.1E-06	1.4E-07	3.1E-12
Selenium		1.7E-18	7.5E-09	9.3E-10	8.5E-20
Silver		2.8E-14	4.9E-09	6.1E-10	1.4E-15
Thallium (Soluble Salts)		4.6E-09			2.2E-10
Titanium		3.4E-16	2.6E-09	3.3E-10	1.7E-17
Zinc		7.9E-15	5.9E-06	7.3E-07	3.9E-16
NOx					
NOx (Oxides of Nitrogen)			6.7E-05	8.4E-06	
PAHs					
1-Methylnaphthalene	1.0E-17	9.3E-18	1.4E-06	1.8E-07	1.1E-14
1-Methylphenanthrene		6.2E-15	1.7E-07	2.1E-08	3.0E-16
2,3,5-Trimethylnaphthalene		2.9E-15	8.4E-08	1.0E-08	1.4E-16
2,6-Dimethylnaphthalene		7.9E-15	2.2E-07	2.8E-08	3.9E-16
2-Methylnaphthalene	9.9E-18	9.0E-18	1.4E-06	1.7E-07	1.0E-14

Table H-81 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
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Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acenaphthylene		2.6E-14	8.1E-07	1.0E-07	1.3E-15
Acenaphthene			1.5E-07	1.9E-08	
Anthracene			2.6E-07	3.2E-08	
Benzo(a)anthracene	6.7E-09	6.1E-09	1.3E-07	1.6E-08	9.2E-08
Benzo(a)pyrene	1.1E-08	1.0E-08	5.0E-08	6.3E-09	5.0E-10
Benzo(b)fluoranthene	2.4E-08	2.2E-08	5.6E-08	7.0E-09	1.1E-09
Benzo(e)pyrene		1.5E-15	4.3E-08	5.4E-09	7.2E-17
Benzo(g,h,i)perylene		1.1E-15	3.3E-08	4.1E-09	5.3E-17
Benzo(k)fluoranthene	1.6E-09	1.4E-09	5.0E-10	6.2E-11	6.9E-11
Biphenyl		1.4E-16	4.8E-06	6.0E-07	8.4E-14
Chrysene	9.7E-09	8.8E-09	2.2E-07	2.7E-08	4.3E-10
Dibenze(a,h)anthracene	4.2E-10	3.9E-10	8.0E-09	9.9E-10	1.9E-11
Fluoranthene	2.6E-15	2.3E-15	3.2E-07	4.0E-08	1.1E-16
Fluorene			8.0E-07	1.0E-07	
Indeno(1,2,3-cd)pyrene	6.1E-09	5.5E-09	2.6E-08	3.3E-09	2.7E-10
Napthalene			6.4E-06	8.0E-07	
Perylene		5.6E-16	2.0E-08	2.5E-09	2.8E-17
Phenanthrene			1.5E-06	1.9E-07	
Pyrene	7.1E-15	6.5E-15	3.1E-07	3.9E-08	1.8E-13
Particulate					
Particulate Total Suspended Particulate		1.3E-10	1.0E-03	1.3E-04	6.3E-12
PM<10		1.6E-10	1.3E-03	1.7E-04	8.0E-12

Table H-81 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
PM<2.5		1.4E-10	1.1E-03	1.4E-04	6.7E-12
PCBs					
Dichlorobiphenyl	1.5E-17	1.3E-17	4.0E-09	5.0E-10	1.2E-15
Heptachlorobiphenyl	1.7E-18	1.5E-18	5.4E-11	6.8E-12	7.4E-17
Hexachlorobiphenyl	7.8E-18	6.6E-18	2.3E-10	2.9E-11	3.4E-16
Monochlorobiphenyl	1.1E-16	8.9E-17	2.8E-08	3.5E-09	8.3E-15
Nonachlorobiphenyl	3.1E-19	2.6E-19	7.7E-12	9.6E-13	1.3E-17
Octachlorobiphenyl	5.6E-19	4.7E-19	1.7E-11	2.1E-12	2.4E-17
Pentachlorobiphenyl	2.8E-17	2.4E-17	7.8E-10	9.8E-11	1.2E-15
Tetrachlorobiphenyl	5.8E-18	4.9E-18	1.3E-09	1.6E-10	4.6E-16
Trichlorobiphenyl	7.0E-18	5.9E-18	1.6E-09	2.0E-10	5.5E-16
Pesticides					
DDE		2.2E-09			7.0E-08
SVOCs					
1,2,4-trichlorobenzene			1.2E-08	1.4E-09	
1,2-dichlorobenzene			4.7E-09	5.8E-10	
1,3-Butadiene			1.4E-03		
1,3-dichlorobenzene			7.0E-09	8.7E-10	
1,4-dichlorobenzene			6.5E-08	8.1E-09	
1,4-Dioxane			3.1E-03		
2,4-Dimethylphenol			1.0E-06	1.3E-07	
2-Chlorophenol			2.0E-07	2.5E-08	

Table H-81 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Methylphenol			2.4E-06	3.0E-07	
2-Nitrophenol			3.2E-07	4.0E-08	
3-Methylphenol & 4-Methylphenol		1.6E-13	4.3E-06	5.4E-07	7.7E-15
4-Nitrophenol			5.4E-07	6.7E-08	
Acetophenone			5.1E-06	6.4E-07	
Benzoic acid			2.3E-05	2.9E-06	
Benzyl alcohol			1.9E-07	2.4E-08	
bis(2-Ethylhexyl) phthalate	2.9E-13	3.4E-13	8.1E-06	1.0E-06	1.7E-14
Butyl benzyl phthalate	1.4E-16	1.6E-16	2.6E-07	3.2E-08	8.1E-18
Carbazole		6.0E-16	7.2E-09	9.0E-10	2.9E-17
Dibenzofuran	6.2E-18	2.4E-17	4.1E-07	5.1E-08	1.0E-14
Dimethyl phthalate			1.4E-08	1.8E-09	
Di-n-butyl phthalate	1.4E-16	1.6E-16	3.9E-07	4.9E-08	8.1E-18
Di-n-octyl phthalate	4.0E-16	4.7E-16	2.8E-08	3.4E-09	2.3E-17
Hexachlorobutadiene			1.9E-06	2.4E-07	
Isopropanol			3.5E-02		
Phenol			1.3E-05	1.6E-06	
Pyridine			1.2E-06	1.5E-07	
TRS					
Total Reduced Sulfur			1.2E-05	1.6E-06	
VOCs					
1,1,1,2-Tetrachloroethane			5.8E-09	7.2E-10	

Table H-81 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,1,1-Trichloroethane			5.7E-09	7.1E-10	
1,1-Dichloroethene			1.1E-09	1.4E-10	
1,2,3-Trichlorobenzene			2.3E-08	2.9E-09	
1,2,3-Trichloropropane			4.6E-09	5.8E-10	
1,2,4-Trimethylbenzene			2.7E-07	3.3E-08	
1,2-Dibromoethane			3.0E-09	3.7E-10	
1,2-Dichloroethane			1.5E-03	4.3E-05	
1,3,5-Trimethylbenzene			2.5E-07	3.1E-08	
1,3-Dichloropropane			2.9E-09	3.6E-10	
2-Butanone			1.4E-06	1.8E-07	
2-Chlorotoluene			6.3E-08	7.9E-09	
2-Hexanone			2.9E-07	3.6E-08	
Benzene			3.6E-03	4.2E-04	
Bromobenzene			1.6E-06	2.0E-07	
Bromochloromethane			3.8E-09	4.7E-10	
Bromodichloromethane			4.1E-09	5.1E-10	
Bromomethane			1.6E-07	2.0E-08	
Carbon disulfide			1.4E-07	1.8E-08	
Carbon tetrachloride			6.4E-03	6.6E-04	
Chlorobenzene			2.1E-07	2.6E-08	
Chlorodibromomethane			1.0E-07	1.3E-08	
Chloroethane			3.9E-07	4.9E-08	

Table H-81 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Chloroform			1.1E-03	1.0E-04	
Chloromethane			1.3E-06	1.7E-07	
cis-1,2-Dichloroethene			1.7E-07	2.1E-08	
cis-1,3-Dichloropropene			1.0E-09	1.3E-10	
Dibromomethane			8.7E-09	1.1E-09	
Dichlorodifluoromethane			1.1E-08	1.3E-09	
Ethylbenzene			4.1E-03	1.0E-06	
Isopropylbenzene			6.8E-07	8.4E-08	
m&p-Xylene			1.6E-06	2.0E-07	
Methyl Isobutyl Ketone (4-methyl-2-penta			1.5E-08	1.9E-09	
Methylene chloride			7.7E-07	9.7E-08	
n-Butylbenzene			3.3E-07	4.2E-08	
n-Propylbenzene			4.0E-07	5.0E-08	
o-Xylene			9.8E-07	1.2E-07	
p-Chlorotoluene			2.4E-08	3.0E-09	
p-Isopropyltoluene			1.6E-07	2.1E-08	
sec-Butylbenzene			6.1E-08	7.6E-09	
Styrene			2.2E-05	2.7E-06	
tert-Butylbenzene			2.0E-06	2.4E-07	
Tetrachloroethene			5.2E-09	6.5E-10	
Toluene			1.4E-05	1.7E-06	
trans-1,2-Dichloroethene			3.6E-06	4.5E-07	

Table H-81 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
trans-1,3-Dichloropropene			1.8E-09	2.3E-10	
Trichloroethene			2.0E-04	3.9E-11	
Trichlorofluoromethane			3.7E-09	4.7E-10	
Vinyl chloride			2.1E-07	2.7E-08	

Table H-82 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			8.4E-07	1.0E-07	
Aldehydes					
Acetaldehyde			1.4E-06	1.8E-07	
Formaldehyde			5.7E-03	7.7E-08	
Propionaldehyde		2.2E-15	1.6E-07	2.0E-08	1.7E-14
CO					
Carbon monoxide			4.5E-05	5.6E-06	
CO2					
Carbon dioxide			1.4E-06	1.8E-07	
Criteria					
Sulfur Dioxide			3.8E-07	4.7E-08	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	1.4E-15	5.5E-15	8.5E-13	1.1E-13	2.7E-19
1,2,3,4,6,7,8-HpCDF	1.4E-15	5.5E-15	8.6E-13	1.1E-13	2.7E-19
1,2,3,4,7,8,9-HpCDF	1.6E-16	6.4E-16	1.1E-13	1.4E-14	3.1E-20
1,2,3,4,7,8-HxCDD	1.6E-16	6.2E-16	1.0E-13	1.3E-14	3.1E-20
1,2,3,4,7,8-HxCDF	1.3E-15	4.9E-15	8.3E-13	1.0E-13	2.4E-19
1,2,3,6,7,8-HxCDD	3.2E-16	1.3E-15	2.1E-13	2.7E-14	6.2E-20
1,2,3,6,7,8-HxCDF	4.1E-16	1.6E-15	2.7E-13	3.4E-14	7.9E-20
1,2,3,7,8,9-HxCDD	5.1E-16	2.0E-15	3.2E-13	4.1E-14	9.8E-20
1,2,3,7,8,9-HxCDF	2.9E-17	1.2E-16	2.1E-14	2.6E-15	5.7E-21

Table H-82 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	1.8E-16	7.0E-16	1.3E-13	1.6E-14	3.5E-20
1,2,3,7,8-PeCDF	2.1E-16	8.3E-16	1.8E-13	2.3E-14	4.0E-20
2,3,4,6,7,8-HxCDF	6.4E-16	2.5E-15	4.2E-13	5.2E-14	1.2E-19
2,3,4,7,8-PeCDF	5.0E-16	2.0E-15	4.1E-13	5.2E-14	9.7E-20
2,3,7,8-TCDD	3.6E-17	1.4E-16	5.2E-14	6.5E-15	4.9E-18
2,3,7,8-TCDF	6.6E-17	2.6E-16	1.9E-13	2.4E-14	1.3E-20
OCDD	9.4E-16	3.7E-15	5.6E-13	7.0E-14	1.8E-19
OCDF	3.6E-16	1.4E-15	2.1E-13	2.6E-14	7.0E-20
DNT					
2,4-Dinitrotoluene	4.0E-07	4.7E-07			2.3E-11
2,6-Dinitrotoluene	6.4E-07	7.6E-07			3.7E-11
HCN					
Hydrogen cyanide			1.6E-07	2.0E-08	
Metals					
Aluminum		7.9E-03			3.9E-07
Antimony		3.0E-07	1.0E-08	1.3E-09	1.5E-11
Arsenic	6.0E-07	1.4E-06	5.9E-10	7.4E-11	1.2E-10
Barium		3.1E-09	1.3E-07	1.6E-08	1.5E-13
Beryllium		1.0E-15	4.3E-11	5.4E-12	5.1E-20
Cadmium		8.2E-16	7.6E-10	9.5E-11	4.0E-20
Chromium		8.3E-11	6.5E-09	8.1E-10	4.1E-15
Cobalt		1.9E-05	9.8E-09	1.2E-09	9.5E-10

Table H-82 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Copper		3.4E-10	1.8E-08	2.2E-09	1.6E-14
Iron		1.7E-02			8.3E-07
Lead		1.0E-04	6.0E-09	7.5E-10	5.0E-09
Manganese		8.0E-13	5.5E-09	6.8E-10	3.9E-17
Mercury (+2)		3.4E-14	2.4E-11	2.9E-12	1.7E-18
Mercury, elemental		1.5E-08	9.8E-14	1.2E-14	2.9E-08
Methyl Mercury		2.0E-15			1.0E-19
Nickel		4.0E-04	3.5E-09	4.3E-10	2.0E-08
Phosphorus		7.5E-15	2.6E-08	3.3E-09	7.2E-14
Selenium		4.0E-17	1.7E-10	2.2E-11	2.0E-21
Silver		8.4E-13	1.1E-10	1.4E-11	4.1E-17
Thallium (Soluble Salts)		1.1E-07			5.2E-12
Titanium		8.0E-15	6.1E-11	7.6E-12	3.9E-19
Zinc		1.8E-13	1.4E-07	1.7E-08	9.0E-18
NOx					
NOx (Oxides of Nitrogen)			1.6E-06	2.0E-07	
PAHs					
1-Methylnaphthalene	2.4E-16	2.2E-16	3.3E-08	4.1E-09	2.5E-16
1-Methylphenanthrene		1.5E-13	3.9E-09	4.9E-10	7.1E-18
2,3,5-Trimethylnaphthalene		6.8E-14	1.9E-09	2.4E-10	3.3E-18
2,6-Dimethylnaphthalene		1.9E-13	5.1E-09	6.4E-10	9.1E-18
2-Methylnaphthalene	2.3E-16	2.1E-16	3.2E-08	4.0E-09	2.4E-16

Table H-82 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acenaphthylene		6.0E-13	1.9E-08	2.4E-09	2.9E-17
Acenaphthene			3.5E-09	4.3E-10	
Anthracene			6.1E-09	7.6E-10	
Benzo(a)anthracene	1.6E-07	1.4E-07	3.0E-09	3.7E-10	2.1E-09
Benzo(a)pyrene	2.6E-07	2.4E-07	1.2E-09	1.5E-10	1.2E-11
Benzo(b)fluoranthene	5.7E-07	5.1E-07	1.3E-09	1.6E-10	2.5E-11
Benzo(e)pyrene		3.4E-14	1.0E-09	1.3E-10	1.7E-18
Benzo(g,h,i)perylene		2.5E-14	7.7E-10	9.6E-11	1.2E-18
Benzo(k)fluoranthene	3.6E-08	3.3E-08	1.2E-11	1.5E-12	1.6E-12
Biphenyl		3.3E-15	1.1E-07	1.4E-08	2.0E-15
Chrysene	2.3E-07	2.1E-07	5.1E-09	6.4E-10	1.0E-11
Dibenze(a,h)anthracene	9.9E-09	9.0E-09	1.9E-10	2.3E-11	4.4E-13
Fluoranthene	6.7E-14	6.1E-14	7.5E-09	9.4E-10	3.0E-18
Fluorene			1.9E-08	2.3E-09	
Indeno(1,2,3-cd)pyrene	1.4E-07	1.3E-07	6.2E-10	7.7E-11	6.3E-12
Napthalene			1.5E-07	1.9E-08	
Perylene		1.3E-14	4.6E-10	5.8E-11	6.5E-19
Phenanthrene			3.5E-08	4.4E-09	
Pyrene	2.5E-13	2.3E-13	7.3E-09	9.1E-10	6.4E-15
Particulate					
Particulate Total Suspended Particulate		3.0E-09	2.3E-05	2.9E-06	1.5E-13
PM<10		3.8E-09	3.1E-05	3.9E-06	1.9E-13

Table H-82 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
PM<2.5		3.2E-09	2.6E-05	3.3E-06	1.6E-13
PCBs					
Dichlorobiphenyl	6.5E-16	5.5E-16	9.3E-11	1.2E-11	5.1E-17
Heptachlorobiphenyl	7.5E-17	6.3E-17	1.3E-12	1.6E-13	3.2E-18
Hexachlorobiphenyl	3.4E-16	2.9E-16	5.3E-12	6.7E-13	1.5E-17
Monochlorobiphenyl	4.5E-15	3.8E-15	6.5E-10	8.1E-11	3.5E-16
Nonachlorobiphenyl	1.3E-17	1.1E-17	1.8E-13	2.2E-14	5.7E-19
Octachlorobiphenyl	2.4E-17	2.0E-17	3.9E-13	4.9E-14	1.0E-18
Pentachlorobiphenyl	1.2E-15	1.0E-15	1.8E-11	2.3E-12	5.2E-17
Tetrachlorobiphenyl	2.5E-16	2.1E-16	3.0E-11	3.8E-12	2.0E-17
Trichlorobiphenyl	3.0E-16	2.5E-16	3.8E-11	4.8E-12	2.3E-17
Pesticides					
DDE		5.1E-08			1.6E-09
SVOCs					
1,2,4-trichlorobenzene			2.7E-10	3.4E-11	
1,2-dichlorobenzene			1.1E-10	1.4E-11	
1,3-Butadiene			3.2E-05		
1,3-dichlorobenzene			1.6E-10	2.0E-11	
1,4-dichlorobenzene			1.5E-09	1.9E-10	
1,4-Dioxane			7.3E-05		
2,4-Dimethylphenol			2.4E-08	3.0E-09	
2-Chlorophenol			4.7E-09	5.9E-10	

Table H-82 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Methylphenol			5.6E-08	7.0E-09	
2-Nitrophenol			7.6E-09	9.4E-10	
3-Methylphenol & 4-Methylphenol		3.7E-12	1.0E-07	1.3E-08	1.8E-16
4-Nitrophenol			1.3E-08	1.6E-09	
Acetophenone			1.2E-07	1.5E-08	
Benzoic acid			5.4E-07	6.7E-08	
Benzyl alcohol			4.5E-09	5.6E-10	
bis(2-Ethylhexyl) phthalate	6.7E-12	8.0E-12	1.9E-07	2.4E-08	3.9E-16
Butyl benzyl phthalate	3.3E-15	3.8E-15	6.0E-09	7.5E-10	1.9E-19
Carbazole		1.4E-14	1.7E-10	2.1E-11	6.9E-19
Dibenzofuran	1.4E-16	5.7E-16	9.5E-09	1.2E-09	2.4E-16
Dimethyl phthalate			3.3E-10	4.2E-11	
Di-n-butyl phthalate	3.3E-15	3.9E-15	9.2E-09	1.1E-09	1.9E-19
Di-n-octyl phthalate	9.4E-15	1.1E-14	6.4E-10	8.0E-11	5.5E-19
Hexachlorobutadiene			4.4E-08	5.5E-09	
Isopropanol			8.2E-04		
Phenol			3.0E-07	3.8E-08	
Pyridine			2.9E-08	3.6E-09	
TRS					
Total Reduced Sulfur			2.9E-07	3.6E-08	
VOCs					
1,1,1,2-Tetrachloroethane			1.3E-10	1.7E-11	

Table H-82 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,1,1-Trichloroethane			1.3E-10	1.7E-11	
1,1-Dichloroethene			2.6E-11	3.2E-12	
1,2,3-Trichlorobenzene			5.3E-10	6.7E-11	
1,2,3-Trichloropropane			1.1E-10	1.4E-11	
1,2,4-Trimethylbenzene			6.2E-09	7.8E-10	
1,2-Dibromoethane			6.9E-11	8.6E-12	
1,2-Dichloroethane			3.4E-05	1.0E-06	
1,3,5-Trimethylbenzene			5.9E-09	7.3E-10	
1,3-Dichloropropane			6.7E-11	8.4E-12	
2-Butanone			3.3E-08	4.1E-09	
2-Chlorotoluene			1.5E-09	1.8E-10	
2-Hexanone			6.8E-09	8.4E-10	
Benzene			8.4E-05	9.7E-06	
Bromobenzene			3.7E-08	4.7E-09	
Bromochloromethane			8.8E-11	1.1E-11	
Bromodichloromethane			9.5E-11	1.2E-11	
Bromomethane			3.8E-09	4.8E-10	
Carbon disulfide			3.3E-09	4.2E-10	
Carbon tetrachloride			1.5E-04	1.5E-05	
Chlorobenzene			4.8E-09	6.0E-10	
Chlorodibromomethane			2.4E-09	3.0E-10	
Chloroethane			9.1E-09	1.1E-09	

Table H-82 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Chloroform			2.5E-05	2.4E-06	
Chloromethane			3.1E-08	3.9E-09	
cis-1,2-Dichloroethene			4.0E-09	5.0E-10	
cis-1,3-Dichloropropene			2.4E-11	3.0E-12	
Dibromomethane			2.0E-10	2.5E-11	
Dichlorodifluoromethane			2.5E-10	3.1E-11	
Ethylbenzene			9.6E-05	2.4E-08	
Isopropylbenzene			1.6E-08	2.0E-09	
m&p-Xylene			3.6E-08	4.6E-09	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.6E-10	4.5E-11	
Methylene chloride			1.8E-08	2.3E-09	
n-Butylbenzene			7.8E-09	9.7E-10	
n-Propylbenzene			9.4E-09	1.2E-09	
o-Xylene			2.3E-08	2.9E-09	
p-Chlorotoluene			5.5E-10	6.9E-11	
p-Isopropyltoluene			3.8E-09	4.8E-10	
sec-Butylbenzene			1.4E-09	1.8E-10	
Styrene			5.1E-07	6.4E-08	
tert-Butylbenzene			4.6E-08	5.7E-09	
Tetrachloroethene			1.2E-10	1.5E-11	
Toluene			3.2E-07	3.9E-08	
trans-1,2-Dichloroethene			8.4E-08	1.1E-08	

Table H-82 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
trans-1,3-Dichloropropene			4.2E-11	5.3E-12	
Trichloroethene			4.6E-06	9.1E-13	
Trichlorofluoromethane			8.7E-11	1.1E-11	
Vinyl chloride			5.0E-09	6.2E-10	

Table H-83 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.6E-05	8.3E-05	4.5E-06	4.5E-06		
Aldehydes											
Acetaldehyde	3.9E-15					6.2E-05	1.4E-04	7.8E-06	7.8E-06		
Formaldehyde	1.9E-14					2.4E-01	6.1E-05	3.3E-06	3.3E-06		
Propionaldehyde				9.6E-17	2.7E-16	6.8E-06	1.6E-05	8.5E-07	8.5E-07	7.2E-13	4.4E-12
CO											
Carbon monoxide						1.9E-03	4.4E-03	2.4E-04	2.4E-04		
CO2											
Carbon dioxide						6.0E-05	1.4E-04	7.5E-06	7.5E-06		
Criteria											
Sulfur Dioxide						1.6E-05	3.7E-05	2.0E-06	2.0E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	3.9E-20	3.2E-17	4.5E-17	1.3E-16	3.6E-16	3.6E-11	8.4E-11	4.5E-12	4.5E-12	6.2E-18	3.8E-17
1,2,3,4,6,7,8-HpCDF	3.8E-20	3.3E-17	4.6E-17	1.3E-16	3.6E-16	3.7E-11	8.5E-11	4.6E-12	4.6E-12	6.3E-18	3.9E-17
1,2,3,4,7,8,9-HpCDF	6.2E-21	3.7E-18	5.2E-18	1.5E-17	4.1E-17	4.7E-12	1.1E-11	5.8E-13	5.8E-13	7.2E-19	4.4E-18
1,2,3,4,7,8-HxCDD	4.7E-20	3.7E-18	5.1E-18	1.4E-17	4.0E-17	4.4E-12	1.0E-11	5.4E-13	5.4E-13	7.1E-19	4.4E-18
1,2,3,4,7,8-HxCDF	3.2E-19	2.9E-17	4.1E-17	1.1E-16	3.2E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	5.6E-18	3.5E-17
1,2,3,6,7,8-HxCDD	9.2E-20	7.5E-18	1.0E-17	2.9E-17	8.2E-17	9.2E-12	2.1E-11	1.1E-12	1.1E-12	1.4E-18	8.9E-18
1,2,3,6,7,8-HxCDF	1.2E-19	9.5E-18	1.3E-17	3.7E-17	1.0E-16	1.1E-11	2.7E-11	1.4E-12	1.4E-12	1.8E-18	1.1E-17
1,2,3,7,8,9-HxCDD	1.3E-19	1.2E-17	1.6E-17	4.6E-17	1.3E-16	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.3E-18	1.4E-17
1,2,3,7,8,9-HxCDF	1.0E-20	6.8E-19	9.5E-19	2.7E-18	7.5E-18	8.8E-13	2.0E-12	1.1E-13	1.1E-13	1.3E-19	8.1E-19
1,2,3,7,8-PeCDD	2.9E-19	4.1E-18	5.8E-18	1.6E-17	4.6E-17	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.0E-19	4.9E-18
1,2,3,7,8-PeCDF	4.1E-19	4.9E-18	6.8E-18	1.9E-17	5.4E-17	7.9E-12	1.8E-11	9.9E-13	9.9E-13	9.4E-19	5.8E-18

Table H-83 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Apors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	1.7E-19	1.5E-17	2.1E-17	5.9E-17	1.6E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.9E-18	1.8E-17
2,3,4,7,8-PeCDF	6.4E-19	1.2E-17	1.6E-17	4.6E-17	1.3E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.2E-18	1.4E-17
2,3,7,8-TCDD	1.0E-19	8.5E-19	1.2E-18	3.4E-18	9.4E-18	2.2E-12	5.1E-12	2.8E-13	2.8E-13	1.1E-16	7.0E-16
2,3,7,8-TCDF	3.4E-19	1.5E-18	2.2E-18	6.1E-18	1.7E-17	8.2E-12	1.9E-11	1.0E-12	1.0E-12	3.0E-19	1.8E-18
OCDD	5.2E-22	2.2E-17	3.0E-17	8.6E-17	2.4E-16	2.4E-11	5.6E-11	3.0E-12	3.0E-12	4.2E-18	2.6E-17
OCDF	1.9E-22	8.4E-18	1.2E-17	3.3E-17	9.3E-17	9.1E-12	2.1E-11	1.1E-12	1.1E-12	1.6E-18	1.0E-17
DNT											
2,4-Dinitrotoluene		1.7E-08		2.0E-08						1.0E-09	
2,6-Dinitrotoluene		2.7E-08		3.3E-08						1.6E-09	
HCN											
Hydrogen cyanide						6.8E-06	1.6E-05	8.5E-07	8.5E-07		
Metals											
Aluminum				3.4E-04	8.4E-04					1.7E-05	9.1E-05
Antimony	6.7E-19			1.3E-08	6.2E-08	4.5E-07	1.0E-06	5.6E-08	5.6E-08	6.4E-10	6.6E-09
Arsenic	3.5E-17	2.6E-08	9.8E-09	6.1E-08	4.7E-08	2.5E-08	5.9E-08	3.2E-09	3.2E-09	4.9E-09	8.4E-09
Barium	7.9E-14			7.6E-11	2.1E-10	5.4E-06	1.2E-05	6.7E-07	6.7E-07	3.7E-12	2.3E-11
Beryllium	1.4E-18			4.5E-17	1.3E-16	1.8E-09	4.3E-09	2.3E-10	2.3E-10	2.2E-18	1.4E-17
Cadmium	3.6E-16			3.5E-17	9.8E-17	3.2E-08	7.5E-08	4.1E-09	4.1E-09	1.7E-18	1.1E-17
Chromium	9.4E-17			2.3E-12	6.4E-12	2.8E-07	6.4E-07	3.5E-08	3.5E-08	1.1E-13	6.9E-13
Cobalt				8.3E-07	1.6E-06	4.2E-07	9.7E-07	5.3E-08	5.3E-08	4.1E-08	1.7E-07
Copper				8.3E-12	2.3E-11	7.6E-07	1.8E-06	9.5E-08	9.5E-08	4.1E-13	2.5E-12
Iron				7.3E-04	1.6E-03					3.6E-05	1.7E-04
Lead	3.0E-19			4.4E-06	9.8E-06	2.6E-07	5.9E-07	3.2E-08	3.2E-08	2.2E-07	1.1E-06
Manganese				3.4E-14	9.5E-14	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.7E-15	1.0E-14

Table H-83 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				7.3E-16	2.1E-15	1.0E-09	2.3E-09	1.3E-10	1.3E-10	3.6E-17	2.2E-16
Mercury, elemental				6.4E-10	1.9E-09	4.2E-12	9.7E-12	5.3E-13	5.3E-13	1.2E-06	7.6E-06
Methyl Mercury	2.8E-16			4.4E-17	1.2E-16					2.1E-18	1.3E-17
Nickel	1.4E-16			1.7E-05	3.0E-05	1.5E-07	3.4E-07	1.9E-08	1.9E-08	8.5E-07	3.3E-06
Phosphorus				3.2E-16	9.0E-16	1.1E-06	2.6E-06	1.4E-07	1.4E-07	3.1E-12	1.9E-11
Selenium	1.2E-17			1.7E-18	4.8E-18	7.5E-09	1.7E-08	9.3E-10	9.3E-10	8.5E-20	5.2E-19
Silver	8.2E-18			2.8E-14	7.8E-14	4.9E-09	1.1E-08	6.1E-10	6.1E-10	1.4E-15	8.4E-15
Thallium (Soluble Salts)				4.6E-09	7.2E-09					2.2E-10	7.8E-10
Titanium				3.4E-16	9.6E-16	2.6E-09	6.0E-09	3.3E-10	3.3E-10	1.7E-17	1.0E-16
Zinc	1.8E-13			7.9E-15	2.2E-14	5.9E-06	1.4E-05	7.3E-07	7.3E-07	3.9E-16	2.4E-15
NOx											
NOx (Oxides of Nitrogen)						6.7E-05	1.6E-04	8.4E-06	8.4E-06		
PAHs											
1-Methylnaphthalene		1.0E-17	1.4E-17	9.3E-18	2.6E-17	1.4E-06	3.3E-06	1.8E-07	1.8E-07	1.1E-14	6.5E-14
1-Methylphenanthrene				6.2E-15	1.7E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	3.0E-16	1.9E-15
2,3,5-Trimethylnaphthalene				2.9E-15	8.1E-15	8.4E-08	1.9E-07	1.0E-08	1.0E-08	1.4E-16	8.8E-16
2,6-Dimethylnaphthalene				7.9E-15	2.2E-14	2.2E-07	5.1E-07	2.8E-08	2.8E-08	3.9E-16	2.4E-15
2-Methylnaphthalene		9.9E-18	1.4E-17	9.0E-18	2.5E-17	1.4E-06	3.2E-06	1.7E-07	1.7E-07	1.0E-14	6.4E-14
Acenaphthylene				2.6E-14	7.1E-14	8.1E-07	1.9E-06	1.0E-07	1.0E-07	1.3E-15	7.7E-15
Acenaphthene	1.5E-16					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Anthracene	1.8E-15					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
Benzo(a)anthracene	2.6E-13	6.7E-09	2.2E-08	6.1E-09	4.0E-08	1.3E-07	3.0E-07	1.6E-08	1.6E-08	9.2E-08	5.6E-07
Benzo(a)pyrene	1.3E-13	1.1E-08	2.4E-08	1.0E-08	4.4E-08	5.0E-08	1.2E-07	6.3E-09	6.3E-09	5.0E-10	4.7E-09
Benzo(b)fluoranthene	3.6E-14	2.4E-08	3.4E-08	2.2E-08	6.1E-08	5.6E-08	1.3E-07	7.0E-09	7.0E-09	1.1E-09	6.6E-09

Table H-83 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				1.5E-15	4.1E-15	4.3E-08	9.9E-08	5.4E-09	5.4E-09	7.2E-17	4.4E-16
Benzo(g,h,i)perylene				1.1E-15	3.0E-15	3.3E-08	7.6E-08	4.1E-09	4.1E-09	5.3E-17	3.2E-16
Benzo(k)fluoranthene	2.6E-16	1.6E-09	1.7E-08	1.4E-09	3.1E-08	5.0E-10	1.2E-09	6.2E-11	6.2E-11	6.9E-11	3.3E-09
Biphenyl				1.4E-16	4.0E-16	4.8E-06	1.1E-05	6.0E-07	6.0E-07	8.4E-14	5.2E-13
Chrysene	4.5E-14	9.7E-09	2.5E-08	8.8E-09	4.5E-08	2.2E-07	5.1E-07	2.7E-08	2.7E-08	4.3E-10	4.8E-09
Dibenzo(a,h)anthracene	6.4E-15	4.2E-10	6.0E-09	3.9E-10	1.1E-08	8.0E-09	1.8E-08	9.9E-10	9.9E-10	1.9E-11	1.2E-09
Fluoranthene	1.2E-14	2.6E-15	3.6E-15	2.3E-15	6.6E-15	3.2E-07	7.4E-07	4.0E-08	4.0E-08	1.1E-16	7.1E-16
Fluorene	2.6E-15					8.0E-07	1.9E-06	1.0E-07	1.0E-07		
Indeno(1,2,3-cd)pyrene	1.6E-14	6.1E-09	1.6E-08	5.5E-09	2.8E-08	2.6E-08	6.1E-08	3.3E-09	3.3E-09	2.7E-10	3.1E-09
Napthalene	1.2E-15					6.4E-06	1.5E-05	8.0E-07	8.0E-07		
Perylene				5.6E-16	1.6E-15	2.0E-08	4.6E-08	2.5E-09	2.5E-09	2.8E-17	1.7E-16
Phenanthrene	1.3E-14					1.5E-06	3.5E-06	1.9E-07	1.9E-07		
Pyrene	8.7E-15	7.1E-15	9.9E-15	6.5E-15	1.8E-14	3.1E-07	7.2E-07	3.9E-08	3.9E-08	1.8E-13	1.1E-12
Particulate											
Particulate Total Suspended Particulate				1.3E-10	3.6E-10	1.0E-03	2.3E-03	1.3E-04	1.3E-04	6.3E-12	3.9E-11
PM<10				1.6E-10	4.6E-10	1.3E-03	3.1E-03	1.7E-04	1.7E-04	8.0E-12	4.9E-11
PM<2.5				1.4E-10	3.8E-10	1.1E-03	2.6E-03	1.4E-04	1.4E-04	6.7E-12	4.1E-11
PCBs											
Dichlorobiphenyl	2.6E-16	1.5E-17	2.1E-17	1.3E-17	3.6E-17	4.0E-09	9.2E-09	5.0E-10	5.0E-10	1.2E-15	7.4E-15
Heptachlorobiphenyl	9.8E-18	1.7E-18	2.4E-18	1.5E-18	4.1E-18	5.4E-11	1.3E-10	6.8E-12	6.8E-12	7.4E-17	4.6E-16
Hexachlorobiphenyl	4.0E-17	7.8E-18	1.1E-17	6.6E-18	1.9E-17	2.3E-10	5.3E-10	2.9E-11	2.9E-11	3.4E-16	2.1E-15
Monochlorobiphenyl	1.8E-15	1.1E-16	1.5E-16	8.9E-17	2.5E-16	2.8E-08	6.4E-08	3.5E-09	3.5E-09	8.3E-15	5.1E-14
Nonachlorobiphenyl	1.2E-18	3.1E-19	4.3E-19	2.6E-19	7.2E-19	7.7E-12	1.8E-11	9.6E-13	9.6E-13	1.3E-17	8.1E-17
Octachlorobiphenyl	2.9E-18	5.6E-19	7.9E-19	4.7E-19	1.3E-18	1.7E-11	3.8E-11	2.1E-12	2.1E-12	2.4E-17	1.5E-16

Table H-83 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	1.3E-16	2.8E-17	3.9E-17	2.4E-17	6.7E-17	7.8E-10	1.8E-09	9.8E-11	9.8E-11	1.2E-15	7.5E-15
Tetrachlorobiphenyl	7.7E-17	5.8E-18	8.1E-18	4.9E-18	1.4E-17	1.3E-09	3.0E-09	1.6E-10	1.6E-10	4.6E-16	2.8E-15
Trichlorobiphenyl	1.0E-16	7.0E-18	9.7E-18	5.9E-18	1.6E-17	1.6E-09	3.8E-09	2.0E-10	2.0E-10	5.5E-16	3.4E-15
Pesticides											
DDE				2.2E-09	9.4E-09					7.0E-08	4.3E-07
Dieldrin			4.3E-10		1.0E-09						1.1E-10
SVOCs											
1,2,4-trichlorobenzene						1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,2-dichlorobenzene	1.2E-19					4.7E-09	1.1E-08	5.8E-10	5.8E-10		
1,3-Butadiene						1.4E-03					
1,3-dichlorobenzene	3.0E-19					7.0E-09	1.6E-08	8.7E-10	8.7E-10		
1,4-dichlorobenzene	4.0E-18					6.5E-08	1.5E-07	8.1E-09	8.1E-09		
1,4-Dioxane						3.1E-03					
2,4-Dimethylphenol	1.1E-16					1.0E-06	2.4E-06	1.3E-07	1.3E-07		
2-Chlorophenol	5.5E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
2-Methylphenol	2.3E-15					2.4E-06	5.5E-06	3.0E-07	3.0E-07		
2-Nitrophenol	1.4E-17					3.2E-07	7.5E-07	4.0E-08	4.0E-08		
3-Methylphenol & 4-Methylphenol				1.6E-13	4.4E-13	4.3E-06	9.9E-06	5.4E-07	5.4E-07	7.7E-15	4.8E-14
4-Nitrophenol	2.8E-17					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Acetophenone	1.7E-16					5.1E-06	1.2E-05	6.4E-07	6.4E-07		
Benzoic acid	6.8E-16					2.3E-05	5.3E-05	2.9E-06	2.9E-06		
Benzyl alcohol	4.2E-19					1.9E-07	4.5E-07	2.4E-08	2.4E-08		
bis(2-Ethylhexyl) phthalate	2.1E-14	2.9E-13	4.0E-13	3.4E-13	9.5E-13	8.1E-06	1.9E-05	1.0E-06	1.0E-06	1.7E-14	1.0E-13
Butyl benzyl phthalate	7.5E-15	1.4E-16	1.9E-16	1.6E-16	4.6E-16	2.6E-07	5.9E-07	3.2E-08	3.2E-08	8.1E-18	5.0E-17

Table H-83 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Carbazole				6.0E-16	1.7E-15	7.2E-09	1.7E-08	9.0E-10	9.0E-10	2.9E-17	1.8E-16
Dibenzofuran		6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.1E-07	9.4E-07	5.1E-08	5.1E-08	1.0E-14	6.4E-14
Dimethyl phthalate	2.8E-18					1.4E-08	3.3E-08	1.8E-09	1.8E-09		
Di-n-butyl phthalate	7.2E-14	1.4E-16	1.9E-16	1.6E-16	4.6E-16	3.9E-07	9.1E-07	4.9E-08	4.9E-08	8.1E-18	5.0E-17
Di-n-octyl phthalate	5.4E-19	4.0E-16	5.6E-16	4.7E-16	1.3E-15	2.8E-08	6.4E-08	3.4E-09	3.4E-09	2.3E-17	1.4E-16
Hexachlorobutadiene	2.9E-16					1.9E-06	4.4E-06	2.4E-07	2.4E-07		
Isopropanol						3.5E-02	9.7E-02				
p-Chloroaniline			1.4E-08		3.3E-08						3.6E-09
Phenol	6.3E-15					1.3E-05	3.0E-05	1.6E-06	1.6E-06		
Pyridine	3.3E-16					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
TRS											
Total Reduced Sulfur						1.2E-05	2.9E-05	1.6E-06	1.6E-06		
VOCs											
1,1,1,2-Tetrachloroethane	1.2E-19					5.8E-09	1.3E-08	7.2E-10	7.2E-10		
1,1,1-Trichloroethane	7.5E-21					5.7E-09	1.3E-08	7.1E-10	7.1E-10		
1,1-Dichloroethene	2.6E-22					1.1E-09	2.6E-09	1.4E-10	1.4E-10		
1,2,3-Trichlorobenzene	8.0E-18					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2,3-Trichloropropane	4.6E-20					4.6E-09	1.1E-08	5.8E-10	5.8E-10		
1,2,4-Trimethylbenzene						2.7E-07	6.2E-07	3.3E-08	3.3E-08		
1,2-Dibromoethane	1.6E-20					3.0E-09	6.8E-09	3.7E-10	3.7E-10		
1,2-Dichloroethane	5.0E-19					1.5E-03	1.9E-03	4.3E-05	4.3E-05		
1,3,5-Trimethylbenzene	2.6E-18					2.5E-07	5.8E-07	3.1E-08	3.1E-08		
1,3-Dichloropropane						2.9E-09	6.6E-09	3.6E-10	3.6E-10		
2-Butanone	1.0E-16					1.4E-06	3.3E-06	1.8E-07	1.8E-07		

Table H-83 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
2-Chlorotoluene						6.3E-08	1.5E-07	7.9E-09	7.9E-09		
2-Hexanone						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
Benzene	8.5E-17					3.6E-03	1.2E-02	4.2E-04	4.2E-04		
Bromobenzene						1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Bromochloromethane						3.8E-09	8.7E-09	4.7E-10	4.7E-10		
Bromodichloromethane	1.3E-20					4.1E-09	1.4E-02	5.1E-10	5.1E-10		
Bromoform							6.6E-02				
Bromomethane	5.7E-20					1.6E-07	3.8E-07	2.0E-08	2.0E-08		
Carbon disulfide	5.4E-20					1.4E-07	3.3E-07	1.8E-08	1.8E-08		
Carbon tetrachloride	5.8E-21					6.4E-03	1.7E-02	6.6E-04	6.6E-04		
Chlorobenzene	2.0E-18					2.1E-07	4.8E-07	2.6E-08	2.6E-08		
Chlorodibromomethane	7.8E-19					1.0E-07	2.3E-07	1.3E-08	1.3E-08		
Chloroethane	1.6E-19					3.9E-07	9.1E-07	4.9E-08	4.9E-08		
Chloroform	1.2E-19					1.1E-03	3.4E-02	1.0E-04	1.0E-04		
Chloromethane	4.2E-19					1.3E-06	3.1E-06	1.7E-07	1.7E-07		
cis-1,2-Dichloroethene	1.6E-19					1.7E-07	3.9E-07	2.1E-08	2.1E-08		
cis-1,3-Dichloropropene						1.0E-09	2.4E-09	1.3E-10	1.3E-10		
Dibromomethane	1.8E-20					8.7E-09	2.0E-08	1.1E-09	1.1E-09		
Dichlorodifluoromethane	2.0E-22					1.1E-08	2.5E-08	1.3E-09	1.3E-09		
Ethylbenzene	6.4E-17					4.1E-03	9.5E-03	1.0E-06	1.0E-06		
Isopropylbenzene	8.4E-20					6.8E-07	1.6E-06	8.4E-08	8.4E-08		
m&p-Xylene	1.0E-17					1.6E-06	3.6E-06	2.0E-07	2.0E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19					1.5E-08	3.5E-08	1.9E-09	1.9E-09		
Methylene chloride	1.1E-18					7.7E-07	1.8E-06	9.7E-08	9.7E-08		

Table H-83 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
n-Butylbenzene						3.3E-07	7.7E-07	4.2E-08	4.2E-08		
n-Propylbenzene						4.0E-07	9.3E-07	5.0E-08	5.0E-08		
o-Xylene	1.2E-17					9.8E-07	2.3E-06	1.2E-07	1.2E-07		
p-Chlorotoluene						2.4E-08	5.5E-08	3.0E-09	3.0E-09		
p-Isopropyltoluene						1.6E-07	3.8E-07	2.1E-08	2.1E-08		
sec-Butylbenzene						6.1E-08	1.4E-07	7.6E-09	7.6E-09		
Styrene	4.0E-16					2.2E-05	5.1E-05	2.7E-06	2.7E-06		
tert-Butylbenzene						2.0E-06	4.5E-06	2.4E-07	2.4E-07		
Tetrachloroethene	2.8E-20					5.2E-09	1.2E-08	6.5E-10	6.5E-10		
Toluene	6.7E-17					1.4E-05	3.1E-05	1.7E-06	1.7E-06		
trans-1,2-Dichloroethene	2.5E-18					3.6E-06	8.4E-06	4.5E-07	4.5E-07		
trans-1,3-Dichloropropene						1.8E-09	4.2E-09	2.3E-10	2.3E-10		
Trichloroethene	2.9E-22					2.0E-04	1.9E-02	3.9E-11	3.9E-11		
Trichlorofluoromethane	4.5E-22					3.7E-09	8.6E-09	4.7E-10	4.7E-10		
Vinyl chloride	2.1E-20					2.1E-07	4.9E-07	2.7E-08	2.7E-08		

Table H-84 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					5.7E-03	1.4E-06	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19

Table H-84 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
DNT											
2,4-Dinitrotoluene		4.0E-07		4.7E-07						2.3E-11	
2,6-Dinitrotoluene		6.4E-07		7.6E-07						3.7E-11	
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				7.9E-03	2.0E-02					3.9E-07	2.1E-06
Antimony	1.6E-17			3.0E-07	1.4E-06	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.5E-11	1.5E-10
Arsenic	8.1E-16	6.0E-07	2.3E-07	1.4E-06	1.1E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	1.2E-10	2.0E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				1.9E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	9.5E-10	4.0E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				1.7E-02	3.7E-02					8.3E-07	4.0E-06
Lead	6.9E-18			1.0E-04	2.3E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.0E-09	2.5E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16

Table H-84 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				1.5E-08	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	2.9E-08	1.8E-07
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19
Nickel	3.3E-15			4.0E-04	7.1E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.0E-08	7.7E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Thallium (Soluble Salts)				1.1E-07	1.7E-07					5.2E-12	1.8E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	1.6E-07	5.1E-07	1.4E-07	9.3E-07	3.0E-09	6.9E-09	3.7E-10	3.7E-10	2.1E-09	1.3E-08
Benzo(a)pyrene	3.1E-12	2.6E-07	5.6E-07	2.4E-07	1.0E-06	1.2E-09	2.7E-09	1.5E-10	1.5E-10	1.2E-11	1.1E-10
Benzo(b)fluoranthene	8.3E-13	5.7E-07	7.9E-07	5.1E-07	1.4E-06	1.3E-09	3.0E-09	1.6E-10	1.6E-10	2.5E-11	1.5E-10

Table H-84 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	3.6E-08	4.0E-07	3.3E-08	7.2E-07	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.6E-12	7.8E-11
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.3E-07	5.7E-07	2.1E-07	1.0E-06	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.0E-11	1.1E-10
Dibenzo(a,h)anthracene	1.6E-13	9.9E-09	1.4E-07	9.0E-09	2.5E-07	1.9E-10	4.3E-10	2.3E-11	2.3E-11	4.4E-13	2.7E-11
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.4E-07	3.6E-07	1.3E-07	6.6E-07	6.2E-10	1.4E-09	7.7E-11	7.7E-11	6.3E-12	7.1E-11
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18

Table H-84 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16
Pesticides											
DDE				5.1E-08	2.2E-07					1.6E-09	1.0E-08
Dieldrin			1.0E-08		2.4E-08						2.5E-12
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						3.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
1,4-Dioxane						7.3E-05					
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18

Table H-84 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						8.2E-04	2.3E-03				
p-Chloroaniline			3.3E-07		7.7E-07						8.4E-11
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					3.4E-05	4.4E-05	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		

Table H-84 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.4E-05	2.7E-04	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	3.4E-04	1.2E-11	1.2E-11		
Bromoform							1.5E-03				
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.5E-04	3.9E-04	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					2.5E-05	7.9E-04	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					9.6E-05	2.2E-04	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		

Table H-84 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					4.6E-06	4.5E-04	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10		

Table H-85 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.6E-05	8.3E-05	4.5E-06	4.5E-06		
Aldehydes											
Acetaldehyde	3.9E-15					6.2E-05	1.4E-04	7.8E-06	7.8E-06		
Formaldehyde	1.9E-14					2.4E-01	1.7E+00	3.3E-06	3.3E-06		
Propionaldehyde				9.6E-17	2.7E-16	6.8E-06	1.6E-05	8.5E-07	8.5E-07	7.2E-13	4.4E-12
CO											
Carbon monoxide						1.9E-03	4.4E-03	2.4E-04	2.4E-04		
CO2											
Carbon dioxide						6.0E-05	1.4E-04	7.5E-06	7.5E-06		
Criteria											
Sulfur Dioxide						1.6E-05	3.7E-05	2.0E-06	2.0E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	3.9E-20	3.2E-17	4.5E-17	1.3E-16	3.6E-16	3.6E-11	8.4E-11	4.5E-12	4.5E-12	6.2E-18	3.8E-17
1,2,3,4,6,7,8-HpCDF	3.8E-20	3.3E-17	4.6E-17	1.3E-16	3.6E-16	3.7E-11	8.5E-11	4.6E-12	4.6E-12	6.3E-18	3.9E-17
1,2,3,4,7,8,9-HpCDF	6.2E-21	3.7E-18	5.2E-18	1.5E-17	4.1E-17	4.7E-12	1.1E-11	5.8E-13	5.8E-13	7.2E-19	4.4E-18
1,2,3,4,7,8-HxCDD	4.7E-20	3.7E-18	5.1E-18	1.4E-17	4.0E-17	4.4E-12	1.0E-11	5.4E-13	5.4E-13	7.1E-19	4.4E-18
1,2,3,4,7,8-HxCDF	3.2E-19	2.9E-17	4.1E-17	1.1E-16	3.2E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	5.6E-18	3.5E-17
1,2,3,6,7,8-HxCDD	9.2E-20	7.5E-18	1.0E-17	2.9E-17	8.2E-17	9.2E-12	2.1E-11	1.1E-12	1.1E-12	1.4E-18	8.9E-18
1,2,3,6,7,8-HxCDF	1.2E-19	9.5E-18	1.3E-17	3.7E-17	1.0E-16	1.1E-11	2.7E-11	1.4E-12	1.4E-12	1.8E-18	1.1E-17
1,2,3,7,8,9-HxCDD	1.3E-19	1.2E-17	1.6E-17	4.6E-17	1.3E-16	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.3E-18	1.4E-17
1,2,3,7,8,9-HxCDF	1.0E-20	6.8E-19	9.5E-19	2.7E-18	7.5E-18	8.8E-13	2.0E-12	1.1E-13	1.1E-13	1.3E-19	8.1E-19
1,2,3,7,8-PeCDD	2.9E-19	4.1E-18	5.8E-18	1.6E-17	4.6E-17	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.0E-19	4.9E-18
1,2,3,7,8-PeCDF	4.1E-19	4.9E-18	6.8E-18	1.9E-17	5.4E-17	7.9E-12	1.8E-11	9.9E-13	9.9E-13	9.4E-19	5.8E-18

Table H-85 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	1.7E-19	1.5E-17	2.1E-17	5.9E-17	1.6E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.9E-18	1.8E-17
2,3,4,7,8-PeCDF	6.4E-19	1.2E-17	1.6E-17	4.6E-17	1.3E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.2E-18	1.4E-17
2,3,7,8-TCDD	1.0E-19	8.5E-19	1.2E-18	3.4E-18	9.4E-18	2.2E-12	5.1E-12	2.8E-13	2.8E-13	1.1E-16	7.0E-16
2,3,7,8-TCDF	3.4E-19	1.5E-18	2.2E-18	6.1E-18	1.7E-17	8.2E-12	1.9E-11	1.0E-12	1.0E-12	3.0E-19	1.8E-18
OCDD	5.2E-22	2.2E-17	3.0E-17	8.6E-17	2.4E-16	2.4E-11	5.6E-11	3.0E-12	3.0E-12	4.2E-18	2.6E-17
OCDF	1.9E-22	8.4E-18	1.2E-17	3.3E-17	9.3E-17	9.1E-12	2.1E-11	1.1E-12	1.1E-12	1.6E-18	1.0E-17
DNT											
2,4-Dinitrotoluene		1.7E-08		2.0E-08						1.0E-09	
2,6-Dinitrotoluene		2.7E-08		3.3E-08						1.6E-09	
HCN											
Hydrogen cyanide						6.8E-06	1.6E-05	8.5E-07	8.5E-07		
Metals											
Aluminum				3.4E-04	1.0E-03					1.7E-05	1.1E-04
Antimony	6.7E-19			1.3E-08	2.1E-08	4.5E-07	1.0E-06	5.6E-08	5.6E-08	6.4E-10	2.2E-09
Arsenic	3.5E-17	2.6E-08	2.0E-08	6.1E-08	9.2E-08	2.5E-08	5.9E-08	3.2E-09	3.2E-09	4.9E-09	1.7E-08
Barium	7.9E-14			7.6E-11	2.1E-10	5.4E-06	1.2E-05	6.7E-07	6.7E-07	3.7E-12	2.3E-11
Beryllium	1.4E-18			4.5E-17	1.3E-16	1.8E-09	4.3E-09	2.3E-10	2.3E-10	2.2E-18	1.4E-17
Cadmium	3.6E-16			3.5E-17	9.8E-17	3.2E-08	7.5E-08	4.1E-09	4.1E-09	1.7E-18	1.1E-17
Chromium	9.4E-17			2.3E-12	6.4E-12	2.8E-07	6.4E-07	3.5E-08	3.5E-08	1.1E-13	6.9E-13
Cobalt				8.3E-07	1.6E-06	4.2E-07	9.7E-07	5.3E-08	5.3E-08	4.1E-08	1.7E-07
Copper				8.3E-12	2.3E-11	7.6E-07	1.8E-06	9.5E-08	9.5E-08	4.1E-13	2.5E-12
Iron				7.3E-04	1.7E-03					3.6E-05	1.8E-04
Lead	3.0E-19			4.4E-06	2.3E-06	2.6E-07	5.9E-07	3.2E-08	3.2E-08	2.2E-07	2.4E-07
Manganese				3.4E-14	9.5E-14	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.7E-15	1.0E-14

Table H-85 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				7.3E-16	2.1E-15	1.0E-09	2.3E-09	1.3E-10	1.3E-10	3.6E-17	2.2E-16
Mercury, elemental				6.4E-10	1.2E-09	4.2E-12	9.7E-12	5.3E-13	5.3E-13	1.2E-06	7.6E-06
Methyl Mercury	2.8E-16			4.4E-17	1.2E-16					2.1E-18	1.3E-17
Nickel	1.4E-16			1.7E-05	3.4E-05	1.5E-07	3.4E-07	1.9E-08	1.9E-08	8.5E-07	3.7E-06
Phosphorus				3.2E-16	9.0E-16	1.1E-06	2.6E-06	1.4E-07	1.4E-07	3.1E-12	1.9E-11
Selenium	1.2E-17			1.7E-18	4.8E-18	7.5E-09	1.7E-08	9.3E-10	9.3E-10	8.5E-20	5.2E-19
Silver	8.2E-18			2.8E-14	7.8E-14	4.9E-09	1.1E-08	6.1E-10	6.1E-10	1.4E-15	8.4E-15
Thallium (Soluble Salts)				4.6E-09	6.2E-09					2.2E-10	6.6E-10
Titanium				3.4E-16	9.6E-16	2.6E-09	6.0E-09	3.3E-10	3.3E-10	1.7E-17	1.0E-16
Zinc	1.8E-13			7.9E-15	2.2E-14	5.9E-06	1.4E-05	7.3E-07	7.3E-07	3.9E-16	2.4E-15
NOx											
NOx (Oxides of Nitrogen)						6.7E-05	1.6E-04	8.4E-06	8.4E-06		
PAHs											
1-Methylnaphthalene		1.0E-17	1.4E-17	9.3E-18	2.6E-17	1.4E-06	3.3E-06	1.8E-07	1.8E-07	1.1E-14	6.5E-14
1-Methylphenanthrene				6.2E-15	1.7E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	3.0E-16	1.9E-15
2,3,5-Trimethylnaphthalene				2.9E-15	8.1E-15	8.4E-08	1.9E-07	1.0E-08	1.0E-08	1.4E-16	8.8E-16
2,6-Dimethylnaphthalene				7.9E-15	2.2E-14	2.2E-07	5.1E-07	2.8E-08	2.8E-08	3.9E-16	2.4E-15
2-Methylnaphthalene		9.9E-18	1.4E-17	9.0E-18	2.5E-17	1.4E-06	3.2E-06	1.7E-07	1.7E-07	1.0E-14	6.4E-14
Acenaphthylene				2.6E-14	7.1E-14	8.1E-07	1.9E-06	1.0E-07	1.0E-07	1.3E-15	7.7E-15
Acenaphthene	1.5E-16					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Anthracene	1.8E-15					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
Benzo(a)anthracene	2.6E-13	6.7E-09	9.8E-14	6.1E-09	1.8E-13	1.3E-07	3.0E-07	1.6E-08	1.6E-08	9.2E-08	5.6E-07
Benzo(a)pyrene	1.3E-13	1.1E-08	4.6E-14	1.0E-08	8.4E-14	5.0E-08	1.2E-07	6.3E-09	6.3E-09	5.0E-10	9.1E-15
Benzo(b)fluoranthene	3.6E-14	2.4E-08	2.7E-15	2.2E-08	4.8E-15	5.6E-08	1.3E-07	7.0E-09	7.0E-09	1.1E-09	5.2E-16

Table H-85 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				1.5E-15	4.1E-15	4.3E-08	9.9E-08	5.4E-09	5.4E-09	7.2E-17	4.4E-16
Benzo(g,h,i)perylene				1.1E-15	3.0E-15	3.3E-08	7.6E-08	4.1E-09	4.1E-09	5.3E-17	3.2E-16
Benzo(k)fluoranthene	2.6E-16	1.6E-09	2.7E-15	1.4E-09	4.9E-15	5.0E-10	1.2E-09	6.2E-11	6.2E-11	6.9E-11	5.3E-16
Biphenyl				1.4E-16	4.0E-16	4.8E-06	1.1E-05	6.0E-07	6.0E-07	8.4E-14	5.2E-13
Chrysene	4.5E-14	9.7E-09	1.2E-13	8.8E-09	2.3E-13	2.2E-07	5.1E-07	2.7E-08	2.7E-08	4.3E-10	2.4E-14
Dibenzo(a,h)anthracene	6.4E-15	4.2E-10	1.6E-14	3.9E-10	2.9E-14	8.0E-09	1.8E-08	9.9E-10	9.9E-10	1.9E-11	3.1E-15
Fluoranthene	1.2E-14	2.6E-15	3.6E-15	2.3E-15	6.6E-15	3.2E-07	7.4E-07	4.0E-08	4.0E-08	1.1E-16	7.1E-16
Fluorene	2.6E-15					8.0E-07	1.9E-06	1.0E-07	1.0E-07		
Indeno(1,2,3-cd)pyrene	1.6E-14	6.1E-09	4.5E-14	5.5E-09	8.2E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	2.7E-10	8.9E-15
Napthalene	1.2E-15					6.4E-06	1.5E-05	8.0E-07	8.0E-07		
Perylene				5.6E-16	1.6E-15	2.0E-08	4.6E-08	2.5E-09	2.5E-09	2.8E-17	1.7E-16
Phenanthrene	1.3E-14					1.5E-06	3.5E-06	1.9E-07	1.9E-07		
Pyrene	8.7E-15	7.1E-15	9.9E-15	6.5E-15	1.8E-14	3.1E-07	7.2E-07	3.9E-08	3.9E-08	1.8E-13	1.1E-12
Particulate											
Particulate Total Suspended Particulate				1.3E-10	3.6E-10	1.0E-03	2.3E-03	1.3E-04	1.3E-04	6.3E-12	3.9E-11
PM<10				1.6E-10	4.6E-10	1.3E-03	3.1E-03	1.7E-04	1.7E-04	8.0E-12	4.9E-11
PM<2.5				1.4E-10	3.8E-10	1.1E-03	2.6E-03	1.4E-04	1.4E-04	6.7E-12	4.1E-11
PCBs											
Dichlorobiphenyl	2.6E-16	1.5E-17	2.1E-17	1.3E-17	3.6E-17	4.0E-09	9.2E-09	5.0E-10	5.0E-10	1.2E-15	7.4E-15
Heptachlorobiphenyl	9.8E-18	1.7E-18	2.4E-18	1.5E-18	4.1E-18	5.4E-11	1.3E-10	6.8E-12	6.8E-12	7.4E-17	4.6E-16
Hexachlorobiphenyl	4.0E-17	7.8E-18	1.1E-17	6.6E-18	1.9E-17	2.3E-10	5.3E-10	2.9E-11	2.9E-11	3.4E-16	2.1E-15
Monochlorobiphenyl	1.8E-15	1.1E-16	1.5E-16	8.9E-17	2.5E-16	2.8E-08	6.4E-08	3.5E-09	3.5E-09	8.3E-15	5.1E-14
Nonachlorobiphenyl	1.2E-18	3.1E-19	4.3E-19	2.6E-19	7.2E-19	7.7E-12	1.8E-11	9.6E-13	9.6E-13	1.3E-17	8.1E-17
Octachlorobiphenyl	2.9E-18	5.6E-19	7.9E-19	4.7E-19	1.3E-18	1.7E-11	3.8E-11	2.1E-12	2.1E-12	2.4E-17	1.5E-16

Table H-85 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	1.3E-16	2.8E-17	3.9E-17	2.4E-17	6.7E-17	7.8E-10	1.8E-09	9.8E-11	9.8E-11	1.2E-15	7.5E-15
Tetrachlorobiphenyl	7.7E-17	5.8E-18	8.1E-18	4.9E-18	1.4E-17	1.3E-09	3.0E-09	1.6E-10	1.6E-10	4.6E-16	2.8E-15
Trichlorobiphenyl	1.0E-16	7.0E-18	9.7E-18	5.9E-18	1.6E-17	1.6E-09	3.8E-09	2.0E-10	2.0E-10	5.5E-16	3.4E-15
Pesticides											
DDE				2.2E-09	3.3E-09					7.0E-08	4.3E-07
SVOCs											
1,2,4-trichlorobenzene						1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,2-dichlorobenzene	1.2E-19					4.7E-09	1.1E-08	5.8E-10	5.8E-10		
1,3-Butadiene						1.4E-03					
1,3-dichlorobenzene	3.0E-19					7.0E-09	1.6E-08	8.7E-10	8.7E-10		
1,4-dichlorobenzene	4.0E-18					6.5E-08	1.5E-07	8.1E-09	8.1E-09		
1,4-Dioxane						3.1E-03					
2,4-Dimethylphenol	1.1E-16					1.0E-06	2.4E-06	1.3E-07	1.3E-07		
2-Chlorophenol	5.5E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
2-Methylphenol	2.3E-15					2.4E-06	5.5E-06	3.0E-07	3.0E-07		
2-Nitrophenol	1.4E-17					3.2E-07	7.5E-07	4.0E-08	4.0E-08		
3-Methylphenol & 4-Methylphenol				1.6E-13	4.4E-13	4.3E-06	9.9E-06	5.4E-07	5.4E-07	7.7E-15	4.8E-14
4-Nitrophenol	2.8E-17					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Acetophenone	1.7E-16					5.1E-06	1.2E-05	6.4E-07	6.4E-07		
Benzoic acid	6.8E-16					2.3E-05	5.3E-05	2.9E-06	2.9E-06		
Benzyl alcohol	4.2E-19					1.9E-07	4.5E-07	2.4E-08	2.4E-08		
bis(2-Ethylhexyl) phthalate	2.1E-14	2.9E-13	4.0E-13	3.4E-13	9.5E-13	8.1E-06	1.9E-05	1.0E-06	1.0E-06	1.7E-14	1.0E-13
Butyl benzyl phthalate	7.5E-15	1.4E-16	1.9E-16	1.6E-16	4.6E-16	2.6E-07	5.9E-07	3.2E-08	3.2E-08	8.1E-18	5.0E-17
Carbazole				6.0E-16	1.7E-15	7.2E-09	1.7E-08	9.0E-10	9.0E-10	2.9E-17	1.8E-16

Table H-85 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Dibenzofuran		6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.1E-07	9.4E-07	5.1E-08	5.1E-08	1.0E-14	6.4E-14
Dimethyl phthalate	2.8E-18					1.4E-08	3.3E-08	1.8E-09	1.8E-09		
Di-n-butyl phthalate	7.2E-14	1.4E-16	1.9E-16	1.6E-16	4.6E-16	3.9E-07	9.1E-07	4.9E-08	4.9E-08	8.1E-18	5.0E-17
Di-n-octyl phthalate	5.4E-19	4.0E-16	5.6E-16	4.7E-16	1.3E-15	2.8E-08	6.4E-08	3.4E-09	3.4E-09	2.3E-17	1.4E-16
Hexachlorobutadiene	2.9E-16					1.9E-06	4.4E-06	2.4E-07	2.4E-07		
Isopropanol						3.5E-02					
Phenol	6.3E-15					1.3E-05	3.0E-05	1.6E-06	1.6E-06		
Pyridine	3.3E-16					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
TRS											
Total Reduced Sulfur						1.2E-05	2.9E-05	1.6E-06	1.6E-06		
VOCs											
1,1,1,2-Tetrachloroethane	1.2E-19					5.8E-09	1.3E-08	7.2E-10	7.2E-10		
1,1,1-Trichloroethane	7.5E-21					5.7E-09	1.3E-08	7.1E-10	7.1E-10		
1,1-Dichloroethene	2.6E-22					1.1E-09	2.6E-09	1.4E-10	1.4E-10		
1,2,3-Trichlorobenzene	8.0E-18					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2,3-Trichloropropane	4.6E-20					4.6E-09	1.1E-08	5.8E-10	5.8E-10		
1,2,4-Trimethylbenzene						2.7E-07	6.2E-07	3.3E-08	3.3E-08		
1,2-Dibromoethane	1.6E-20					3.0E-09	6.8E-09	3.7E-10	3.7E-10		
1,2-Dichloroethane	5.0E-19					1.5E-03	2.7E-07	4.3E-05	4.3E-05		
1,3,5-Trimethylbenzene	2.6E-18					2.5E-07	5.8E-07	3.1E-08	3.1E-08		
1,3-Dichloropropane						2.9E-09	6.6E-09	3.6E-10	3.6E-10		
2-Butanone	1.0E-16					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
2-Chlorotoluene						6.3E-08	1.5E-07	7.9E-09	7.9E-09		
2-Hexanone						2.9E-07	6.7E-07	3.6E-08	3.6E-08		

Table H-85 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Benzene	8.5E-17					3.6E-03	8.6E-05	4.2E-04	4.2E-04		
Bromobenzene						1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Bromochloromethane						3.8E-09	8.7E-09	4.7E-10	4.7E-10		
Bromodichloromethane	1.3E-20					4.1E-09	9.4E-09	5.1E-10	5.1E-10		
Bromomethane	5.7E-20					1.6E-07	3.8E-07	2.0E-08	2.0E-08		
Carbon disulfide	5.4E-20					1.4E-07	3.3E-07	1.8E-08	1.8E-08		
Carbon tetrachloride	5.8E-21					6.4E-03	2.2E-08	6.6E-04	6.6E-04		
Chlorobenzene	2.0E-18					2.1E-07	4.8E-07	2.6E-08	2.6E-08		
Chlorodibromomethane	7.8E-19					1.0E-07	2.3E-07	1.3E-08	1.3E-08		
Chloroethane	1.6E-19					3.9E-07	9.1E-07	4.9E-08	4.9E-08		
Chloroform	1.2E-19					1.1E-03	1.9E-07	1.0E-04	1.0E-04		
Chloromethane	4.2E-19					1.3E-06	3.1E-06	1.7E-07	1.7E-07		
cis-1,2-Dichloroethene	1.6E-19					1.7E-07	3.9E-07	2.1E-08	2.1E-08		
cis-1,3-Dichloropropene						1.0E-09	2.4E-09	1.3E-10	1.3E-10		
Dibromomethane	1.8E-20					8.7E-09	2.0E-08	1.1E-09	1.1E-09		
Dichlorodifluoromethane	2.0E-22					1.1E-08	2.5E-08	1.3E-09	1.3E-09		
Ethylbenzene	6.4E-17					4.1E-03	1.9E-05	1.0E-06	1.0E-06		
Isopropylbenzene	8.4E-20					6.8E-07	1.6E-06	8.4E-08	8.4E-08		
m&p-Xylene	1.0E-17					1.6E-06	3.6E-06	2.0E-07	2.0E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19					1.5E-08	3.5E-08	1.9E-09	1.9E-09		
Methylene chloride	1.1E-18					7.7E-07	1.8E-06	9.7E-08	9.7E-08		
n-Butylbenzene						3.3E-07	7.7E-07	4.2E-08	4.2E-08		
n-Propylbenzene						4.0E-07	9.3E-07	5.0E-08	5.0E-08		
o-Xylene	1.2E-17					9.8E-07	2.3E-06	1.2E-07	1.2E-07		

Table H-85 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
p-Chlorotoluene						2.4E-08	5.5E-08	3.0E-09	3.0E-09		
p-Isopropyltoluene						1.6E-07	3.8E-07	2.1E-08	2.1E-08		
sec-Butylbenzene						6.1E-08	1.4E-07	7.6E-09	7.6E-09		
Styrene	4.0E-16					2.2E-05	5.1E-05	2.7E-06	2.7E-06		
tert-Butylbenzene						2.0E-06	4.5E-06	2.4E-07	2.4E-07		
Tetrachloroethene	2.8E-20					5.2E-09	1.2E-08	6.5E-10	6.5E-10		
Toluene	6.7E-17					1.4E-05	3.1E-05	1.7E-06	1.7E-06		
trans-1,2-Dichloroethene	2.5E-18					3.6E-06	8.4E-06	4.5E-07	4.5E-07		
trans-1,3-Dichloropropene						1.8E-09	4.2E-09	2.3E-10	2.3E-10		
Trichloroethene	2.9E-22					2.0E-04	7.2E-10	3.9E-11	3.9E-11		
Trichlorofluoromethane	4.5E-22					3.7E-09	8.6E-09	4.7E-10	4.7E-10		
Vinyl chloride	2.1E-20					2.1E-07	4.9E-07	2.7E-08	2.7E-08		

Table H-86 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					5.7E-03	4.0E-02	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18	
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18	
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19	
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19	
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18	
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19	
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19	
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19	
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20	
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19	
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19	

Table H-86 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
DNT											
2,4-Dinitrotoluene		4.0E-07		4.7E-07						2.3E-11	
2,6-Dinitrotoluene		6.4E-07		7.6E-07						3.7E-11	
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				7.9E-03	2.4E-02					3.9E-07	2.6E-06
Antimony	1.6E-17			3.0E-07	4.8E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.5E-11	5.2E-11
Arsenic	8.1E-16	6.0E-07	4.6E-07	1.4E-06	2.2E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	1.2E-10	3.9E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				1.9E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	9.5E-10	4.0E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				1.7E-02	4.0E-02					8.3E-07	4.3E-06
Lead	6.9E-18			1.0E-04	5.3E-05	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.0E-09	5.7E-09
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16

Table H-86 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				1.5E-08	2.7E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	2.9E-08	1.8E-07
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19
Nickel	3.3E-15			4.0E-04	7.9E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.0E-08	8.5E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Thallium (Soluble Salts)				1.1E-07	1.4E-07					5.2E-12	1.6E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	1.6E-07	2.8E-12	1.4E-07	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	2.1E-09	1.3E-08
Benzo(a)pyrene	3.1E-12	2.6E-07	1.2E-12	2.4E-07	2.3E-12	1.2E-09	2.7E-09	1.5E-10	1.5E-10	1.2E-11	2.4E-16
Benzo(b)fluoranthene	8.3E-13	5.7E-07	7.3E-14	5.1E-07	1.3E-13	1.3E-09	3.0E-09	1.6E-10	1.6E-10	2.5E-11	1.4E-17

Table H-86 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	3.6E-08	9.7E-14	3.3E-08	1.8E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.6E-12	1.9E-17
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.3E-07	3.8E-12	2.1E-07	6.9E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.0E-11	7.4E-16
Dibenze(a,h)anthracene	1.6E-13	9.9E-09	4.7E-13	9.0E-09	8.6E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	4.4E-13	9.3E-17
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.4E-07	1.3E-12	1.3E-07	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	6.3E-12	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18

Table H-86 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16
Pesticides											
DDE				5.1E-08	7.8E-08					1.6E-09	1.0E-08
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						3.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
1,4-Dioxane						7.3E-05					
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18

Table H-86 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						8.2E-04					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					3.4E-05	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		

Table H-86 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Benzene	2.0E-15					8.4E-05	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.5E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					2.5E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					9.6E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		

Table H-86 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					4.6E-06	1.7E-11	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10		

Table H-87 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.6E-05	8.3E-05	4.5E-06	4.5E-06		
Aldehydes											
Acetaldehyde	3.9E-15					6.2E-05	1.4E-04	7.8E-06	7.8E-06		
Formaldehyde	1.9E-14					2.4E-01	1.2E+00	3.3E-06	3.3E-06		
Propionaldehyde				9.6E-17	2.7E-16	6.8E-06	1.6E-05	8.5E-07	8.5E-07	7.2E-13	4.4E-12
CO											
Carbon monoxide						1.9E-03	4.4E-03	2.4E-04	2.4E-04		
CO2											
Carbon dioxide						6.0E-05	1.4E-04	7.5E-06	7.5E-06		
Criteria											
Sulfur Dioxide						1.6E-05	3.7E-05	2.0E-06	2.0E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	3.9E-20	3.2E-17	4.5E-17	1.3E-16	3.6E-16	3.6E-11	8.4E-11	4.5E-12	4.5E-12	6.2E-18	3.8E-17
1,2,3,4,6,7,8-HpCDF	3.8E-20	3.3E-17	4.6E-17	1.3E-16	3.6E-16	3.7E-11	8.5E-11	4.6E-12	4.6E-12	6.3E-18	3.9E-17
1,2,3,4,7,8,9-HpCDF	6.2E-21	3.7E-18	5.2E-18	1.5E-17	4.1E-17	4.7E-12	1.1E-11	5.8E-13	5.8E-13	7.2E-19	4.4E-18
1,2,3,4,7,8-HxCDD	4.7E-20	3.7E-18	5.1E-18	1.4E-17	4.0E-17	4.4E-12	1.0E-11	5.4E-13	5.4E-13	7.1E-19	4.4E-18
1,2,3,4,7,8-HxCDF	3.2E-19	2.9E-17	4.1E-17	1.1E-16	3.2E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	5.6E-18	3.5E-17
1,2,3,6,7,8-HxCDD	9.2E-20	7.5E-18	1.0E-17	2.9E-17	8.2E-17	9.2E-12	2.1E-11	1.1E-12	1.1E-12	1.4E-18	8.9E-18
1,2,3,6,7,8-HxCDF	1.2E-19	9.5E-18	1.3E-17	3.7E-17	1.0E-16	1.1E-11	2.7E-11	1.4E-12	1.4E-12	1.8E-18	1.1E-17
1,2,3,7,8,9-HxCDD	1.3E-19	1.2E-17	1.6E-17	4.6E-17	1.3E-16	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.3E-18	1.4E-17
1,2,3,7,8,9-HxCDF	1.0E-20	6.8E-19	9.5E-19	2.7E-18	7.5E-18	8.8E-13	2.0E-12	1.1E-13	1.1E-13	1.3E-19	8.1E-19
1,2,3,7,8-PeCDD	2.9E-19	4.1E-18	5.8E-18	1.6E-17	4.6E-17	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.0E-19	4.9E-18
1,2,3,7,8-PeCDF	4.1E-19	4.9E-18	6.8E-18	1.9E-17	5.4E-17	7.9E-12	1.8E-11	9.9E-13	9.9E-13	9.4E-19	5.8E-18

Table H-87 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Apors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	1.7E-19	1.5E-17	2.1E-17	5.9E-17	1.6E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.9E-18	1.8E-17
2,3,4,7,8-PeCDF	6.4E-19	1.2E-17	1.6E-17	4.6E-17	1.3E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.2E-18	1.4E-17
2,3,7,8-TCDD	1.0E-19	8.5E-19	1.2E-18	3.4E-18	9.4E-18	2.2E-12	5.1E-12	2.8E-13	2.8E-13	1.1E-16	7.0E-16
2,3,7,8-TCDF	3.4E-19	1.5E-18	2.2E-18	6.1E-18	1.7E-17	8.2E-12	1.9E-11	1.0E-12	1.0E-12	3.0E-19	1.8E-18
OCDD	5.2E-22	2.2E-17	3.0E-17	8.6E-17	2.4E-16	2.4E-11	5.6E-11	3.0E-12	3.0E-12	4.2E-18	2.6E-17
OCDF	1.9E-22	8.4E-18	1.2E-17	3.3E-17	9.3E-17	9.1E-12	2.1E-11	1.1E-12	1.1E-12	1.6E-18	1.0E-17
DNT											
2,4-Dinitrotoluene		1.7E-08		2.0E-08						1.0E-09	
2,6-Dinitrotoluene		2.7E-08		3.3E-08						1.6E-09	
HCN											
Hydrogen cyanide						6.8E-06	1.6E-05	8.5E-07	8.5E-07		
Metals											
Aluminum				3.4E-04	8.2E-04					1.7E-05	8.9E-05
Antimony	6.7E-19			1.3E-08	7.2E-09	4.5E-07	1.0E-06	5.6E-08	5.6E-08	6.4E-10	7.8E-10
Arsenic	3.5E-17	2.6E-08	7.8E-09	6.1E-08	3.7E-08	2.5E-08	5.9E-08	3.2E-09	3.2E-09	4.9E-09	6.6E-09
Barium	7.9E-14			7.6E-11	2.1E-10	5.4E-06	1.2E-05	6.7E-07	6.7E-07	3.7E-12	2.3E-11
Beryllium	1.4E-18			4.5E-17	1.3E-16	1.8E-09	4.3E-09	2.3E-10	2.3E-10	2.2E-18	1.4E-17
Cadmium	3.6E-16			3.5E-17	9.8E-17	3.2E-08	7.5E-08	4.1E-09	4.1E-09	1.7E-18	1.1E-17
Chromium	9.4E-17			2.3E-12	6.4E-12	2.8E-07	6.4E-07	3.5E-08	3.5E-08	1.1E-13	6.9E-13
Cobalt				8.3E-07	2.7E-06	4.2E-07	9.7E-07	5.3E-08	5.3E-08	4.1E-08	2.9E-07
Copper				8.3E-12	2.3E-11	7.6E-07	1.8E-06	9.5E-08	9.5E-08	4.1E-13	2.5E-12
Iron				7.3E-04	1.8E-03					3.6E-05	2.0E-04
Lead	3.0E-19			4.4E-06	6.2E-06	2.6E-07	5.9E-07	3.2E-08	3.2E-08	2.2E-07	6.6E-07
Manganese				3.4E-14	9.5E-14	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.7E-15	1.0E-14

Table H-87 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				7.3E-16	2.1E-15	1.0E-09	2.3E-09	1.3E-10	1.3E-10	3.6E-17	2.2E-16
Mercury, elemental				6.4E-10	1.9E-09	4.2E-12	9.7E-12	5.3E-13	5.3E-13	1.2E-06	7.6E-06
Methyl Mercury	2.8E-16			4.4E-17	1.2E-16					2.1E-18	1.3E-17
Nickel	1.4E-16			1.7E-05	5.7E-05	1.5E-07	3.4E-07	1.9E-08	1.9E-08	8.5E-07	6.1E-06
Phosphorus				3.2E-16	9.0E-16	1.1E-06	2.6E-06	1.4E-07	1.4E-07	3.1E-12	1.9E-11
Selenium	1.2E-17			1.7E-18	4.8E-18	7.5E-09	1.7E-08	9.3E-10	9.3E-10	8.5E-20	5.2E-19
Silver	8.2E-18			2.8E-14	7.8E-14	4.9E-09	1.1E-08	6.1E-10	6.1E-10	1.4E-15	8.4E-15
Thallium (Soluble Salts)				4.6E-09						2.2E-10	
Titanium				3.4E-16	9.6E-16	2.6E-09	6.0E-09	3.3E-10	3.3E-10	1.7E-17	1.0E-16
Zinc	1.8E-13			7.9E-15	2.2E-14	5.9E-06	1.4E-05	7.3E-07	7.3E-07	3.9E-16	2.4E-15
NOx											
NOx (Oxides of Nitrogen)						6.7E-05	1.6E-04	8.4E-06	8.4E-06		
PAHs											
1-Methylnaphthalene		1.0E-17	1.4E-17	9.3E-18	2.6E-17	1.4E-06	3.3E-06	1.8E-07	1.8E-07	1.1E-14	6.5E-14
1-Methylphenanthrene				6.2E-15	1.7E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	3.0E-16	1.9E-15
2,3,5-Trimethylnaphthalene				2.9E-15	8.1E-15	8.4E-08	1.9E-07	1.0E-08	1.0E-08	1.4E-16	8.8E-16
2,6-Dimethylnaphthalene				7.9E-15	2.2E-14	2.2E-07	5.1E-07	2.8E-08	2.8E-08	3.9E-16	2.4E-15
2-Methylnaphthalene		9.9E-18	1.4E-17	9.0E-18	2.5E-17	1.4E-06	3.2E-06	1.7E-07	1.7E-07	1.0E-14	6.4E-14
Acenaphthylene				2.6E-14	7.1E-14	8.1E-07	1.9E-06	1.0E-07	1.0E-07	1.3E-15	7.7E-15
Acenaphthene	1.5E-16					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Anthracene	1.8E-15					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
Benzo(a)anthracene	2.6E-13	6.7E-09	9.8E-14	6.1E-09	1.8E-13	1.3E-07	3.0E-07	1.6E-08	1.6E-08	9.2E-08	5.6E-07
Benzo(a)pyrene	1.3E-13	1.1E-08	5.6E-09	1.0E-08	1.0E-08	5.0E-08	1.2E-07	6.3E-09	6.3E-09	5.0E-10	1.1E-09
Benzo(b)fluoranthene	3.6E-14	2.4E-08	5.1E-09	2.2E-08	9.2E-09	5.6E-08	1.3E-07	7.0E-09	7.0E-09	1.1E-09	1.0E-09

Table H-87 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				1.5E-15	4.1E-15	4.3E-08	9.9E-08	5.4E-09	5.4E-09	7.2E-17	4.4E-16
Benzo(g,h,i)perylene				1.1E-15	3.0E-15	3.3E-08	7.6E-08	4.1E-09	4.1E-09	5.3E-17	3.2E-16
Benzo(k)fluoranthene	2.6E-16	1.6E-09	2.7E-15	1.4E-09	4.9E-15	5.0E-10	1.2E-09	6.2E-11	6.2E-11	6.9E-11	5.3E-16
Biphenyl				1.4E-16	4.0E-16	4.8E-06	1.1E-05	6.0E-07	6.0E-07	8.4E-14	5.2E-13
Chrysene	4.5E-14	9.7E-09	1.2E-13	8.8E-09	2.3E-13	2.2E-07	5.1E-07	2.7E-08	2.7E-08	4.3E-10	2.4E-14
Dibenzo(a,h)anthracene	6.4E-15	4.2E-10	1.6E-14	3.9E-10	2.9E-14	8.0E-09	1.8E-08	9.9E-10	9.9E-10	1.9E-11	3.1E-15
Fluoranthene	1.2E-14	2.6E-15	3.6E-15	2.3E-15	6.6E-15	3.2E-07	7.4E-07	4.0E-08	4.0E-08	1.1E-16	7.1E-16
Fluorene	2.6E-15					8.0E-07	1.9E-06	1.0E-07	1.0E-07		
Indeno(1,2,3-cd)pyrene	1.6E-14	6.1E-09	4.5E-14	5.5E-09	8.2E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	2.7E-10	8.9E-15
Napthalene	1.2E-15					6.4E-06	1.5E-05	8.0E-07	8.0E-07		
Perylene				5.6E-16	1.6E-15	2.0E-08	4.6E-08	2.5E-09	2.5E-09	2.8E-17	1.7E-16
Phenanthrene	1.3E-14					1.5E-06	3.5E-06	1.9E-07	1.9E-07		
Pyrene	8.7E-15	7.1E-15	9.9E-15	6.5E-15	1.8E-14	3.1E-07	7.2E-07	3.9E-08	3.9E-08	1.8E-13	1.1E-12
Particulate											
Particulate Total Suspended Particulate				1.3E-10	3.6E-10	1.0E-03	2.3E-03	1.3E-04	1.3E-04	6.3E-12	3.9E-11
PM<10				1.6E-10	4.6E-10	1.3E-03	3.1E-03	1.7E-04	1.7E-04	8.0E-12	4.9E-11
PM<2.5				1.4E-10	3.8E-10	1.1E-03	2.6E-03	1.4E-04	1.4E-04	6.7E-12	4.1E-11
PCBs											
Dichlorobiphenyl	2.6E-16	1.5E-17	2.1E-17	1.3E-17	3.6E-17	4.0E-09	9.2E-09	5.0E-10	5.0E-10	1.2E-15	7.4E-15
Heptachlorobiphenyl	9.8E-18	1.7E-18	2.4E-18	1.5E-18	4.1E-18	5.4E-11	1.3E-10	6.8E-12	6.8E-12	7.4E-17	4.6E-16
Hexachlorobiphenyl	4.0E-17	7.8E-18	1.1E-17	6.6E-18	1.9E-17	2.3E-10	5.3E-10	2.9E-11	2.9E-11	3.4E-16	2.1E-15
Monochlorobiphenyl	1.8E-15	1.1E-16	1.5E-16	8.9E-17	2.5E-16	2.8E-08	6.4E-08	3.5E-09	3.5E-09	8.3E-15	5.1E-14
Nonachlorobiphenyl	1.2E-18	3.1E-19	4.3E-19	2.6E-19	7.2E-19	7.7E-12	1.8E-11	9.6E-13	9.6E-13	1.3E-17	8.1E-17
Octachlorobiphenyl	2.9E-18	5.6E-19	7.9E-19	4.7E-19	1.3E-18	1.7E-11	3.8E-11	2.1E-12	2.1E-12	2.4E-17	1.5E-16

Table H-87 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	1.3E-16	2.8E-17	3.9E-17	2.4E-17	6.7E-17	7.8E-10	1.8E-09	9.8E-11	9.8E-11	1.2E-15	7.5E-15
Tetrachlorobiphenyl	7.7E-17	5.8E-18	8.1E-18	4.9E-18	1.4E-17	1.3E-09	3.0E-09	1.6E-10	1.6E-10	4.6E-16	2.8E-15
Trichlorobiphenyl	1.0E-16	7.0E-18	9.7E-18	5.9E-18	1.6E-17	1.6E-09	3.8E-09	2.0E-10	2.0E-10	5.5E-16	3.4E-15
Pesticides											
DDE				2.2E-09	1.2E-08					7.0E-08	4.3E-07
SVOCs											
1,2,4-trichlorobenzene						1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,2-dichlorobenzene	1.2E-19					4.7E-09	1.1E-08	5.8E-10	5.8E-10		
1,3-Butadiene						1.4E-03					
1,3-dichlorobenzene	3.0E-19					7.0E-09	1.6E-08	8.7E-10	8.7E-10		
1,4-dichlorobenzene	4.0E-18					6.5E-08	1.5E-07	8.1E-09	8.1E-09		
1,4-Dioxane						3.1E-03					
2,4-Dimethylphenol	1.1E-16					1.0E-06	2.4E-06	1.3E-07	1.3E-07		
2-Chlorophenol	5.5E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
2-Methylphenol	2.3E-15					2.4E-06	5.5E-06	3.0E-07	3.0E-07		
2-Nitrophenol	1.4E-17					3.2E-07	7.5E-07	4.0E-08	4.0E-08		
3-Methylphenol & 4-Methylphenol				1.6E-13	4.4E-13	4.3E-06	9.9E-06	5.4E-07	5.4E-07	7.7E-15	4.8E-14
4-Nitrophenol	2.8E-17					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Acetophenone	1.7E-16					5.1E-06	1.2E-05	6.4E-07	6.4E-07		
Benzoic acid	6.8E-16					2.3E-05	5.3E-05	2.9E-06	2.9E-06		
Benzyl alcohol	4.2E-19					1.9E-07	4.5E-07	2.4E-08	2.4E-08		
bis(2-Ethylhexyl) phthalate	2.1E-14	2.9E-13	4.0E-13	3.4E-13	9.5E-13	8.1E-06	1.9E-05	1.0E-06	1.0E-06	1.7E-14	1.0E-13
Butyl benzyl phthalate	7.5E-15	1.4E-16	1.9E-16	1.6E-16	4.6E-16	2.6E-07	5.9E-07	3.2E-08	3.2E-08	8.1E-18	5.0E-17
Carbazole				6.0E-16	1.7E-15	7.2E-09	1.7E-08	9.0E-10	9.0E-10	2.9E-17	1.8E-16

Table H-87 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Dibenzofuran		6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.1E-07	9.4E-07	5.1E-08	5.1E-08	1.0E-14	6.4E-14
Dimethyl phthalate	2.8E-18					1.4E-08	3.3E-08	1.8E-09	1.8E-09		
Di-n-butyl phthalate	7.2E-14	1.4E-16	1.9E-16	1.6E-16	4.6E-16	3.9E-07	9.1E-07	4.9E-08	4.9E-08	8.1E-18	5.0E-17
Di-n-octyl phthalate	5.4E-19	4.0E-16	5.6E-16	4.7E-16	1.3E-15	2.8E-08	6.4E-08	3.4E-09	3.4E-09	2.3E-17	1.4E-16
Hexachlorobutadiene	2.9E-16					1.9E-06	4.4E-06	2.4E-07	2.4E-07		
Isopropanol						3.5E-02					
Phenol	6.3E-15					1.3E-05	3.0E-05	1.6E-06	1.6E-06		
Pyridine	3.3E-16					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
TRS											
Total Reduced Sulfur						1.2E-05	2.9E-05	1.6E-06	1.6E-06		
VOCs											
1,1,1,2-Tetrachloroethane	1.2E-19					5.8E-09	1.3E-08	7.2E-10	7.2E-10		
1,1,1-Trichloroethane	7.5E-21					5.7E-09	1.3E-08	7.1E-10	7.1E-10		
1,1-Dichloroethene	2.6E-22					1.1E-09	2.6E-09	1.4E-10	1.4E-10		
1,2,3-Trichlorobenzene	8.0E-18					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2,3-Trichloropropane	4.6E-20					4.6E-09	1.1E-08	5.8E-10	5.8E-10		
1,2,4-Trimethylbenzene						2.7E-07	6.2E-07	3.3E-08	3.3E-08		
1,2-Dibromoethane	1.6E-20					3.0E-09	6.8E-09	3.7E-10	3.7E-10		
1,2-Dichloroethane	5.0E-19					1.5E-03	2.7E-07	4.3E-05	4.3E-05		
1,3,5-Trimethylbenzene	2.6E-18					2.5E-07	5.8E-07	3.1E-08	3.1E-08		
1,3-Dichloropropane						2.9E-09	6.6E-09	3.6E-10	3.6E-10		
2-Butanone	1.0E-16					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
2-Chlorotoluene						6.3E-08	1.5E-07	7.9E-09	7.9E-09		
2-Hexanone						2.9E-07	6.7E-07	3.6E-08	3.6E-08		

Table H-87 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Benzene	8.5E-17					3.6E-03	8.6E-05	4.2E-04	4.2E-04		
Bromobenzene						1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Bromochloromethane						3.8E-09	8.7E-09	4.7E-10	4.7E-10		
Bromodichloromethane	1.3E-20					4.1E-09	9.4E-09	5.1E-10	5.1E-10		
Bromomethane	5.7E-20					1.6E-07	3.8E-07	2.0E-08	2.0E-08		
Carbon disulfide	5.4E-20					1.4E-07	3.3E-07	1.8E-08	1.8E-08		
Carbon tetrachloride	5.8E-21					6.4E-03	2.2E-08	6.6E-04	6.6E-04		
Chlorobenzene	2.0E-18					2.1E-07	4.8E-07	2.6E-08	2.6E-08		
Chlorodibromomethane	7.8E-19					1.0E-07	2.3E-07	1.3E-08	1.3E-08		
Chloroethane	1.6E-19					3.9E-07	9.1E-07	4.9E-08	4.9E-08		
Chloroform	1.2E-19					1.1E-03	1.9E-07	1.0E-04	1.0E-04		
Chloromethane	4.2E-19					1.3E-06	3.1E-06	1.7E-07	1.7E-07		
cis-1,2-Dichloroethene	1.6E-19					1.7E-07	3.9E-07	2.1E-08	2.1E-08		
cis-1,3-Dichloropropene						1.0E-09	2.4E-09	1.3E-10	1.3E-10		
Dibromomethane	1.8E-20					8.7E-09	2.0E-08	1.1E-09	1.1E-09		
Dichlorodifluoromethane	2.0E-22					1.1E-08	2.5E-08	1.3E-09	1.3E-09		
Ethylbenzene	6.4E-17					4.1E-03	1.9E-05	1.0E-06	1.0E-06		
Isopropylbenzene	8.4E-20					6.8E-07	1.6E-06	8.4E-08	8.4E-08		
m&p-Xylene	1.0E-17					1.6E-06	3.6E-06	2.0E-07	2.0E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19					1.5E-08	3.5E-08	1.9E-09	1.9E-09		
Methylene chloride	1.1E-18					7.7E-07	1.8E-06	9.7E-08	9.7E-08		
n-Butylbenzene						3.3E-07	7.7E-07	4.2E-08	4.2E-08		
n-Propylbenzene						4.0E-07	9.3E-07	5.0E-08	5.0E-08		
o-Xylene	1.2E-17					9.8E-07	2.3E-06	1.2E-07	1.2E-07		

Table H-87 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
p-Chlorotoluene						2.4E-08	5.5E-08	3.0E-09	3.0E-09		
p-Isopropyltoluene						1.6E-07	3.8E-07	2.1E-08	2.1E-08		
sec-Butylbenzene						6.1E-08	1.4E-07	7.6E-09	7.6E-09		
Styrene	4.0E-16					2.2E-05	5.1E-05	2.7E-06	2.7E-06		
tert-Butylbenzene						2.0E-06	4.5E-06	2.4E-07	2.4E-07		
Tetrachloroethene	2.8E-20					5.2E-09	1.2E-08	6.5E-10	6.5E-10		
Toluene	6.7E-17					1.4E-05	3.1E-05	1.7E-06	1.7E-06		
trans-1,2-Dichloroethene	2.5E-18					3.6E-06	8.4E-06	4.5E-07	4.5E-07		
trans-1,3-Dichloropropene						1.8E-09	4.2E-09	2.3E-10	2.3E-10		
Trichloroethene	2.9E-22					2.0E-04	7.2E-10	3.9E-11	3.9E-11		
Trichlorofluoromethane	4.5E-22					3.7E-09	8.6E-09	4.7E-10	4.7E-10		
Vinyl chloride	2.1E-20					2.1E-07	4.9E-07	2.7E-08	2.7E-08		

Table H-88 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					5.7E-03	2.7E-02	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19

Table H-88 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
DNT											
2,4-Dinitrotoluene		4.0E-07		4.7E-07						2.3E-11	
2,6-Dinitrotoluene		6.4E-07		7.6E-07						3.7E-11	
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				7.9E-03	1.9E-02					3.9E-07	2.1E-06
Antimony	1.6E-17			3.0E-07	1.7E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.5E-11	1.8E-11
Arsenic	8.1E-16	6.0E-07	1.8E-07	1.4E-06	8.6E-07	5.9E-10	1.4E-09	7.4E-11	7.4E-11	1.2E-10	1.6E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				1.9E-05	6.4E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	9.5E-10	6.9E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				1.7E-02	4.3E-02					8.3E-07	4.7E-06
Lead	6.9E-18			1.0E-04	1.4E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.0E-09	1.6E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16

Table H-88 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				1.5E-08	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	2.9E-08	1.8E-07
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19
Nickel	3.3E-15			4.0E-04	1.3E-03	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.0E-08	1.4E-07
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Thallium (Soluble Salts)				1.1E-07						5.2E-12	
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	1.6E-07	2.8E-12	1.4E-07	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	2.1E-09	1.3E-08
Benzo(a)pyrene	3.1E-12	2.6E-07	1.3E-07	2.4E-07	2.4E-07	1.2E-09	2.7E-09	1.5E-10	1.5E-10	1.2E-11	2.6E-11
Benzo(b)fluoranthene	8.3E-13	5.7E-07	1.2E-07	5.1E-07	2.2E-07	1.3E-09	3.0E-09	1.6E-10	1.6E-10	2.5E-11	2.3E-11

Table H-88 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	3.6E-08	9.7E-14	3.3E-08	1.8E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.6E-12	1.9E-17
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.3E-07	3.8E-12	2.1E-07	6.9E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.0E-11	7.4E-16
Dibenze(a,h)anthracene	1.6E-13	9.9E-09	4.7E-13	9.0E-09	8.6E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	4.4E-13	9.3E-17
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.4E-07	1.3E-12	1.3E-07	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	6.3E-12	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18

Table H-88 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16
Pesticides											
DDE				5.1E-08	2.8E-07					1.6E-09	1.0E-08
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						3.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
1,4-Dioxane						7.3E-05					
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18

Table H-88 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						8.2E-04					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					3.4E-05	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		

Table H-88 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Benzene	2.0E-15					8.4E-05	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.5E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					2.5E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					9.6E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		

Table H-88 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					4.6E-06	1.7E-11	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10		

Table H-89 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.6E-05	1.3E-03	4.5E-06	4.3E-04		
Aldehydes											
Acetaldehyde	3.9E-15					6.2E-05	2.2E-03	7.8E-06	7.4E-04		
Formaldehyde	1.9E-14					2.4E-01	8.7E-04	3.3E-06	2.9E-04		
Propionaldehyde				9.6E-17	3.1E-15	6.8E-06	2.5E-04	8.5E-07	8.2E-05	7.2E-13	5.1E-11
CO											
Carbon monoxide						1.9E-03	7.1E-02	2.4E-04	2.4E-02		
CO2											
Carbon dioxide						6.0E-05	2.1E-03	7.5E-06	7.2E-04		
Criteria											
Sulfur Dioxide						1.6E-05	5.2E-04	2.0E-06	1.7E-04		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	3.9E-20	3.2E-17	6.0E-16	1.3E-16	4.8E-15	3.6E-11	1.4E-09	4.5E-12	4.8E-10	6.2E-18	5.1E-16
1,2,3,4,6,7,8-HpCDF	3.8E-20	3.3E-17	6.0E-16	1.3E-16	4.8E-15	3.7E-11	1.5E-09	4.6E-12	4.9E-10	6.3E-18	5.1E-16
1,2,3,4,7,8,9-HpCDF	6.2E-21	3.7E-18	7.3E-17	1.5E-17	5.7E-16	4.7E-12	1.9E-10	5.8E-13	6.3E-11	7.2E-19	6.2E-17
1,2,3,4,7,8-HxCDD	4.7E-20	3.7E-18	7.1E-17	1.4E-17	5.6E-16	4.4E-12	1.8E-10	5.4E-13	5.9E-11	7.1E-19	6.0E-17
1,2,3,4,7,8-HxCDF	3.2E-19	2.9E-17	5.6E-16	1.1E-16	4.4E-15	3.5E-11	1.4E-09	4.4E-12	4.8E-10	5.6E-18	4.8E-16
1,2,3,6,7,8-HxCDD	9.2E-20	7.5E-18	1.4E-16	2.9E-17	1.1E-15	9.2E-12	3.7E-10	1.1E-12	1.2E-10	1.4E-18	1.2E-16
1,2,3,6,7,8-HxCDF	1.2E-19	9.5E-18	1.9E-16	3.7E-17	1.5E-15	1.1E-11	4.7E-10	1.4E-12	1.6E-10	1.8E-18	1.6E-16
1,2,3,7,8,9-HxCDD	1.3E-19	1.2E-17	2.3E-16	4.6E-17	1.8E-15	1.4E-11	5.6E-10	1.7E-12	1.9E-10	2.3E-18	1.9E-16
1,2,3,7,8,9-HxCDF	1.0E-20	6.8E-19	1.3E-17	2.7E-18	1.1E-16	8.8E-13	3.6E-11	1.1E-13	1.2E-11	1.3E-19	1.1E-17
1,2,3,7,8-PeCDD	2.9E-19	4.1E-18	8.1E-17	1.6E-17	6.4E-16	5.5E-12	2.3E-10	6.9E-13	7.5E-11	8.0E-19	6.9E-17
1,2,3,7,8-PeCDF	4.1E-19	4.9E-18	9.6E-17	1.9E-17	7.5E-16	7.9E-12	3.2E-10	9.9E-13	1.1E-10	9.4E-19	8.1E-17

Table H-89 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Apors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	1.7E-19	1.5E-17	2.8E-16	5.9E-17	2.2E-15	1.8E-11	7.1E-10	2.2E-12	2.4E-10	2.9E-18	2.4E-16
2,3,4,7,8-PeCDF	6.4E-19	1.2E-17	2.3E-16	4.6E-17	1.8E-15	1.8E-11	7.2E-10	2.2E-12	2.4E-10	2.2E-18	1.9E-16
2,3,7,8-TCDD	1.0E-19	8.5E-19	1.2E-17	3.4E-18	9.7E-17	2.2E-12	7.4E-11	2.8E-13	2.5E-11	1.1E-16	7.3E-15
2,3,7,8-TCDF	3.4E-19	1.5E-18	3.1E-17	6.1E-18	2.4E-16	8.2E-12	3.4E-10	1.0E-12	1.1E-10	3.0E-19	2.6E-17
OCDD	5.2E-22	2.2E-17	4.0E-16	8.6E-17	3.2E-15	2.4E-11	9.5E-10	3.0E-12	3.2E-10	4.2E-18	3.4E-16
OCDF	1.9E-22	8.4E-18	1.5E-16	3.3E-17	1.2E-15	9.1E-12	3.5E-10	1.1E-12	1.2E-10	1.6E-18	1.3E-16
DNT											
2,4-Dinitrotoluene		1.7E-08		2.0E-08						1.0E-09	
2,6-Dinitrotoluene		2.7E-08		3.3E-08						1.6E-09	
HCN											
Hydrogen cyanide						6.8E-06	2.6E-04	8.5E-07	8.8E-05		
Metals											
Aluminum				3.4E-04						1.7E-05	
Antimony	6.7E-19			1.3E-08		4.5E-07	1.1E-05	5.6E-08	3.7E-06	6.4E-10	
Arsenic	3.5E-17	2.6E-08	2.1E-18	6.1E-08	9.8E-18	2.5E-08	9.0E-07	3.2E-09	3.0E-07	4.9E-09	1.8E-18
Barium	7.9E-14			7.6E-11	2.6E-09	5.4E-06	1.5E-04	6.7E-07	4.8E-05	3.7E-12	2.8E-10
Beryllium	1.4E-18			4.5E-17	1.7E-15	1.8E-09	6.2E-08	2.3E-10	2.1E-08	2.2E-18	1.8E-16
Cadmium	3.6E-16			3.5E-17	1.3E-15	3.2E-08	1.1E-06	4.1E-09	3.8E-07	1.7E-18	1.4E-16
Chromium	9.4E-17			2.3E-12	8.9E-11	2.8E-07	9.9E-06	3.5E-08	3.3E-06	1.1E-13	9.6E-12
Cobalt				8.3E-07	2.4E-10	4.2E-07	7.7E-06	5.3E-08	2.6E-06	4.1E-08	2.6E-11
Copper				8.3E-12	3.2E-10	7.6E-07	2.6E-05	9.5E-08	8.7E-06	4.1E-13	3.4E-11
Iron				7.3E-04						3.6E-05	
Lead	3.0E-19			4.4E-06	1.6E-13	2.6E-07	8.4E-06	3.2E-08	2.8E-06	2.2E-07	1.8E-14
Manganese				3.4E-14	1.3E-12	2.3E-07	8.1E-06	2.9E-08	2.7E-06	1.7E-15	1.4E-13

Table H-89 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				7.3E-16	2.3E-14	1.0E-09	3.6E-08	1.3E-10	1.2E-08	3.6E-17	2.4E-15
Mercury, elemental				6.4E-10		4.2E-12	1.5E-10	5.3E-13	4.9E-11	1.2E-06	
Methyl Mercury	2.8E-16			4.4E-17	1.7E-15					2.1E-18	1.8E-16
Nickel	1.4E-16			1.7E-05	6.6E-15	1.5E-07	5.1E-06	1.9E-08	1.7E-06	8.5E-07	7.2E-16
Phosphorus				3.2E-16	1.2E-14	1.1E-06	3.7E-05	1.4E-07	1.2E-05	3.1E-12	2.5E-10
Selenium	1.2E-17			1.7E-18	6.6E-17	7.5E-09	2.6E-07	9.3E-10	8.7E-08	8.5E-20	7.2E-18
Silver	8.2E-18			2.8E-14	1.0E-12	4.9E-09	1.6E-07	6.1E-10	5.3E-08	1.4E-15	1.1E-13
Thallium (Soluble Salts)				4.6E-09						2.2E-10	
Titanium				3.4E-16	1.4E-14	2.6E-09	9.8E-08	3.3E-10	3.3E-08	1.7E-17	1.5E-15
Zinc	1.8E-13			7.9E-15	2.8E-13	5.9E-06	1.7E-04	7.3E-07	5.6E-05	3.9E-16	3.0E-14
NOx											
NOx (Oxides of Nitrogen)						6.7E-05	2.2E-03	8.4E-06	7.5E-04		
PAHs											
1-Methylnaphthalene		1.0E-17	2.1E-16	9.3E-18	3.8E-16	1.4E-06	5.9E-05	1.8E-07	2.0E-05	1.1E-14	9.5E-13
1-Methylphenanthrene				6.2E-15	2.6E-13	1.7E-07	7.1E-06	2.1E-08	2.4E-06	3.0E-16	2.8E-14
2,3,5-Trimethylnaphthalene				2.9E-15	1.3E-13	8.4E-08	3.6E-06	1.0E-08	1.2E-06	1.4E-16	1.4E-14
2,6-Dimethylnaphthalene				7.9E-15	3.4E-13	2.2E-07	9.3E-06	2.8E-08	3.1E-06	3.9E-16	3.6E-14
2-Methylnaphthalene		9.9E-18	2.0E-16	9.0E-18	3.7E-16	1.4E-06	5.7E-05	1.7E-07	1.9E-05	1.0E-14	9.3E-13
Acenaphthylene				2.6E-14	1.1E-12	8.1E-07	3.4E-05	1.0E-07	1.1E-05	1.3E-15	1.2E-13
Acenaphthene	1.5E-16					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Anthracene	1.8E-15					2.6E-07	1.1E-05	3.2E-08	3.7E-06		
Benzo(a)anthracene	2.6E-13	6.7E-09	1.6E-12	6.1E-09	2.9E-12	1.3E-07	5.5E-06	1.6E-08	1.8E-06	9.2E-08	9.5E-11
Benzo(a)pyrene	1.3E-13	1.1E-08	6.8E-13	1.0E-08	1.2E-12	5.0E-08	2.1E-06	6.3E-09	7.0E-07	5.0E-10	1.3E-13
Benzo(b)fluoranthene	3.6E-14	2.4E-08	3.6E-14	2.2E-08	6.6E-14	5.6E-08	2.3E-06	7.0E-09	7.6E-07	1.1E-09	7.2E-15

Table H-89 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				1.5E-15	5.7E-14	4.3E-08	1.8E-06	5.4E-09	5.8E-07	7.2E-17	6.2E-15
Benzo(g,h,i)perylene				1.1E-15	4.4E-14	3.3E-08	1.4E-06	4.1E-09	4.5E-07	5.3E-17	4.7E-15
Benzo(k)fluoranthene	2.6E-16	1.6E-09	1.8E-14	1.4E-09	3.3E-14	5.0E-10	8.9E-09	6.2E-11	3.0E-09	6.9E-11	3.5E-15
Biphenyl				1.4E-16	6.0E-15	4.8E-06	2.0E-04	6.0E-07	6.7E-05	8.4E-14	7.7E-12
Chrysene	4.5E-14	9.7E-09	1.8E-12	8.8E-09	3.3E-12	2.2E-07	9.1E-06	2.7E-08	3.0E-06	4.3E-10	3.5E-13
Dibenzo(a,h)anthracene	6.4E-15	4.2E-10	2.3E-13	3.9E-10	4.1E-13	8.0E-09	3.3E-07	9.9E-10	1.1E-07	1.9E-11	4.4E-14
Fluoranthene	1.2E-14	2.6E-15	5.2E-14	2.3E-15	9.6E-14	3.2E-07	1.3E-05	4.0E-08	4.4E-06	1.1E-16	1.0E-14
Fluorene	2.6E-15					8.0E-07	3.4E-05	1.0E-07	1.1E-05		
Indeno(1,2,3-cd)pyrene	1.6E-14	6.1E-09	6.5E-13	5.5E-09	1.2E-12	2.6E-08	1.1E-06	3.3E-09	3.6E-07	2.7E-10	1.3E-13
Napthalene	1.2E-15					6.4E-06	2.7E-04	8.0E-07	8.8E-05		
Perylene				5.6E-16	2.6E-14	2.0E-08	8.7E-07	2.5E-09	2.9E-07	2.8E-17	2.8E-15
Phenanthrene	1.3E-14					1.5E-06	6.2E-05	1.9E-07	2.1E-05		
Pyrene	8.7E-15	7.1E-15	1.5E-13	6.5E-15	2.7E-13	3.1E-07	1.3E-05	3.9E-08	4.3E-06	1.8E-13	1.6E-11
Particulate											
Particulate Total Suspended Particulate				1.3E-10	5.2E-09	1.0E-03	3.9E-02	1.3E-04	1.3E-02	6.3E-12	5.6E-10
PM<10				1.6E-10	6.8E-09	1.3E-03	5.2E-02	1.7E-04	1.7E-02	8.0E-12	7.3E-10
PM<2.5				1.4E-10	5.7E-09	1.1E-03	4.5E-02	1.4E-04	1.5E-02	6.7E-12	6.2E-10
PCBs											
Dichlorobiphenyl	2.6E-16	1.5E-17	3.0E-16	1.3E-17	5.1E-16	4.0E-09	1.6E-07	5.0E-10	5.4E-08	1.2E-15	1.0E-13
Heptachlorobiphenyl	9.8E-18	1.7E-18	3.3E-17	1.5E-18	5.7E-17	5.4E-11	2.2E-09	6.8E-12	7.3E-10	7.4E-17	6.3E-15
Hexachlorobiphenyl	4.0E-17	7.8E-18	1.4E-16	6.6E-18	2.4E-16	2.3E-10	8.9E-09	2.9E-11	3.0E-09	3.4E-16	2.7E-14
Monochlorobiphenyl	1.8E-15	1.1E-16	2.1E-15	8.9E-17	3.5E-15	2.8E-08	1.1E-06	3.5E-09	3.8E-07	8.3E-15	7.3E-13
Nonachlorobiphenyl	1.2E-18	3.1E-19	4.8E-18	2.6E-19	8.0E-18	7.7E-12	2.7E-10	9.6E-13	9.1E-11	1.3E-17	9.0E-16
Octachlorobiphenyl	2.9E-18	5.6E-19	1.0E-17	4.7E-19	1.7E-17	1.7E-11	6.5E-10	2.1E-12	2.2E-10	2.4E-17	1.9E-15

Table H-89 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	1.3E-16	2.8E-17	4.8E-16	2.4E-17	8.2E-16	7.8E-10	3.0E-08	9.8E-11	9.9E-09	1.2E-15	9.1E-14
Tetrachlorobiphenyl	7.7E-17	5.8E-18	9.8E-17	4.9E-18	1.7E-16	1.3E-09	4.8E-08	1.6E-10	1.6E-08	4.6E-16	3.4E-14
Trichlorobiphenyl	1.0E-16	7.0E-18	1.2E-16	5.9E-18	2.1E-16	1.6E-09	6.3E-08	2.0E-10	2.1E-08	5.5E-16	4.3E-14
Pesticides											
DDE				2.2E-09						7.0E-08	
SVOCs											
1,2,4-trichlorobenzene						1.2E-08	3.7E-07	1.4E-09	1.2E-07		
1,2-dichlorobenzene	1.2E-19					4.7E-09	8.3E-08	5.8E-10	2.8E-08		
1,3-Butadiene						1.4E-03					
1,3-dichlorobenzene	3.0E-19					7.0E-09	2.4E-07	8.7E-10	7.9E-08		
1,4-dichlorobenzene	4.0E-18					6.5E-08	2.9E-06	8.1E-09	9.7E-07		
1,4-Dioxane						3.1E-03					
2,4-Dimethylphenol	1.1E-16					1.0E-06	4.1E-05	1.3E-07	1.4E-05		
2-Chlorophenol	5.5E-18					2.0E-07	8.8E-06	2.5E-08	2.9E-06		
2-Methylphenol	2.3E-15					2.4E-06	1.0E-04	3.0E-07	3.3E-05		
2-Nitrophenol	1.4E-17					3.2E-07	1.3E-05	4.0E-08	4.5E-06		
3-Methylphenol & 4-Methylphenol				1.6E-13	6.5E-12	4.3E-06	1.8E-04	5.4E-07	6.0E-05	7.7E-15	7.1E-13
4-Nitrophenol	2.8E-17					5.4E-07	2.1E-05	6.7E-08	6.9E-06		
Acetophenone	1.7E-16					5.1E-06	2.1E-04	6.4E-07	7.0E-05		
Benzoic acid	6.8E-16					2.3E-05	9.6E-04	2.9E-06	3.2E-04		
Benzyl alcohol	4.2E-19					1.9E-07	5.8E-06	2.4E-08	1.9E-06		
bis(2-Ethylhexyl) phthalate	2.1E-14	2.9E-13	5.2E-12	3.4E-13	1.2E-11	8.1E-06	3.2E-04	1.0E-06	1.1E-04	1.7E-14	1.3E-12
Butyl benzyl phthalate	7.5E-15	1.4E-16	2.8E-15	1.6E-16	6.7E-15	2.6E-07	1.1E-05	3.2E-08	3.5E-06	8.1E-18	7.3E-16
Carbazole				6.0E-16	1.1E-14	7.2E-09	1.3E-07	9.0E-10	4.3E-08	2.9E-17	1.2E-15

Table H-89 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Dibenzofuran		6.2E-18	1.2E-16	2.4E-17	9.7E-16	4.1E-07	1.7E-05	5.1E-08	5.6E-06	1.0E-14	9.1E-13
Dimethyl phthalate	2.8E-18					1.4E-08	2.5E-07	1.8E-09	8.5E-08		
Di-n-butyl phthalate	7.2E-14	1.4E-16	2.9E-15	1.6E-16	6.8E-15	3.9E-07	1.6E-05	4.9E-08	5.4E-06	8.1E-18	7.3E-16
Di-n-octyl phthalate	5.4E-19	4.0E-16	3.7E-15	4.7E-16	8.8E-15	2.8E-08	4.9E-07	3.4E-09	1.6E-07	2.3E-17	9.5E-16
Hexachlorobutadiene	2.9E-16					1.9E-06	3.4E-05	2.4E-07	1.1E-05		
Isopropanol						3.5E-02					
Phenol	6.3E-15					1.3E-05	5.3E-04	1.6E-06	1.8E-04		
Pyridine	3.3E-16					1.2E-06	5.1E-05	1.5E-07	1.7E-05		
TRS											
Total Reduced Sulfur						1.2E-05	5.4E-04	1.6E-06	1.8E-04		
VOCs											
1,1,1,2-Tetrachloroethane	1.2E-19					5.8E-09	2.0E-07	7.2E-10	6.5E-08		
1,1,1-Trichloroethane	7.5E-21					5.7E-09	2.1E-07	7.1E-10	7.1E-08		
1,1-Dichloroethene	2.6E-22					1.1E-09	2.0E-08	1.4E-10	6.6E-09		
1,2,3-Trichlorobenzene	8.0E-18					2.3E-08	8.5E-07	2.9E-09	2.8E-07		
1,2,3-Trichloropropane	4.6E-20					4.6E-09	8.3E-08	5.8E-10	2.8E-08		
1,2,4-Trimethylbenzene						2.7E-07	8.5E-06	3.3E-08	2.8E-06		
1,2-Dibromoethane	1.6E-20					3.0E-09	5.3E-08	3.7E-10	1.8E-08		
1,2-Dichloroethane	5.0E-19					1.5E-03	4.5E-06	4.3E-05	1.5E-06		
1,3,5-Trimethylbenzene	2.6E-18					2.5E-07	7.5E-06	3.1E-08	2.5E-06		
1,3-Dichloropropane						2.9E-09	5.1E-08	3.6E-10	1.7E-08		
2-Butanone	1.0E-16					1.4E-06	5.6E-05	1.8E-07	1.9E-05		
2-Chlorotoluene						6.3E-08	2.6E-06	7.9E-09	8.7E-07		
2-Hexanone						2.9E-07	1.1E-05	3.6E-08	3.5E-06		

Table H-89 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Benzene	8.5E-17					3.6E-03	1.5E-03	4.2E-04	4.9E-04		
Bromobenzene						1.6E-06	2.8E-05	2.0E-07	9.5E-06		
Bromochloromethane						3.8E-09	6.7E-08	4.7E-10	2.2E-08		
Bromodichloromethane	1.3E-20					4.1E-09	7.3E-08	5.1E-10	2.4E-08		
Bromomethane	5.7E-20					1.6E-07	4.9E-06	2.0E-08	1.6E-06		
Carbon disulfide	5.4E-20					1.4E-07	4.2E-06	1.8E-08	1.4E-06		
Carbon tetrachloride	5.8E-21					6.4E-03	1.7E-07	6.6E-04	5.6E-08		
Chlorobenzene	2.0E-18					2.1E-07	7.4E-06	2.6E-08	2.5E-06		
Chlorodibromomethane	7.8E-19					1.0E-07	1.8E-06	1.3E-08	6.0E-07		
Chloroethane	1.6E-19					3.9E-07	1.4E-05	4.9E-08	4.5E-06		
Chloroform	1.2E-19					1.1E-03	1.6E-06	1.0E-04	5.5E-07		
Chloromethane	4.2E-19					1.3E-06	4.0E-05	1.7E-07	1.3E-05		
cis-1,2-Dichloroethene	1.6E-19					1.7E-07	3.0E-06	2.1E-08	1.0E-06		
cis-1,3-Dichloropropene						1.0E-09	1.9E-08	1.3E-10	6.2E-09		
Dibromomethane	1.8E-20					8.7E-09	1.6E-07	1.1E-09	5.2E-08		
Dichlorodifluoromethane	2.0E-22					1.1E-08	1.9E-07	1.3E-09	6.3E-08		
Ethylbenzene	6.4E-17					4.1E-03	3.2E-04	1.0E-06	1.1E-04		
Isopropylbenzene	8.4E-20					6.8E-07	2.3E-05	8.4E-08	7.7E-06		
m&p-Xylene	1.0E-17					1.6E-06	5.3E-05	2.0E-07	1.8E-05		
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19					1.5E-08	2.7E-07	1.9E-09	9.1E-08		
Methylene chloride	1.1E-18					7.7E-07	2.8E-05	9.7E-08	9.5E-06		
n-Butylbenzene						3.3E-07	9.9E-06	4.2E-08	3.3E-06		
n-Propylbenzene						4.0E-07	1.3E-05	5.0E-08	4.4E-06		
o-Xylene	1.2E-17					9.8E-07	3.3E-05	1.2E-07	1.1E-05		

Table H-89 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
p-Chlorotoluene						2.4E-08	7.2E-07	3.0E-09	2.4E-07		
p-Isopropyltoluene						1.6E-07	3.9E-06	2.1E-08	1.3E-06		
sec-Butylbenzene						6.1E-08	1.9E-06	7.6E-09	6.2E-07		
Styrene	4.0E-16					2.2E-05	8.0E-04	2.7E-06	2.7E-04		
tert-Butylbenzene						2.0E-06	3.5E-05	2.4E-07	1.2E-05		
Tetrachloroethene	2.8E-20					5.2E-09	1.8E-07	6.5E-10	6.0E-08		
Toluene	6.7E-17					1.4E-05	5.3E-04	1.7E-06	1.8E-04		
trans-1,2-Dichloroethene	2.5E-18					3.6E-06	6.5E-05	4.5E-07	2.2E-05		
trans-1,3-Dichloropropene						1.8E-09	3.2E-08	2.3E-10	1.1E-08		
Trichloroethene	2.9E-22					2.0E-04	5.6E-09	3.9E-11	1.9E-09		
Trichlorofluoromethane	4.5E-22					3.7E-09	6.7E-08	4.7E-10	2.2E-08		
Vinyl chloride	2.1E-20					2.1E-07	5.2E-06	2.7E-08	1.7E-06		

Table H-90 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	3.0E-05	1.0E-07	9.9E-06		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	5.2E-05	1.8E-07	1.7E-05		
Formaldehyde	4.5E-13					5.7E-03	2.0E-05	7.7E-08	6.8E-06		
Propionaldehyde				2.2E-15	7.2E-14	1.6E-07	5.8E-06	2.0E-08	1.9E-06	1.7E-14	1.2E-12
CO											
Carbon monoxide						4.5E-05	1.7E-03	5.6E-06	5.6E-04		
CO2											
Carbon dioxide						1.4E-06	5.0E-05	1.8E-07	1.7E-05		
Criteria											
Sulfur Dioxide						3.8E-07	1.2E-05	4.7E-08	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	2.6E-14	5.5E-15	2.1E-13	8.5E-13	3.4E-11	1.1E-13	1.1E-11	2.7E-19	2.2E-17
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.6E-14	5.5E-15	2.1E-13	8.6E-13	3.4E-11	1.1E-13	1.1E-11	2.7E-19	2.2E-17
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	3.1E-15	6.4E-16	2.5E-14	1.1E-13	4.4E-12	1.4E-14	1.5E-12	3.1E-20	2.7E-18
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	3.0E-15	6.2E-16	2.4E-14	1.0E-13	4.1E-12	1.3E-14	1.4E-12	3.1E-20	2.6E-18
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	2.4E-14	4.9E-15	1.9E-13	8.3E-13	3.3E-11	1.0E-13	1.1E-11	2.4E-19	2.1E-17
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	6.2E-15	1.3E-15	4.9E-14	2.1E-13	8.7E-12	2.7E-14	2.9E-12	6.2E-20	5.3E-18
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	8.0E-15	1.6E-15	6.3E-14	2.7E-13	1.1E-11	3.4E-14	3.6E-12	7.9E-20	6.8E-18
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	9.8E-15	2.0E-15	7.7E-14	3.2E-13	1.3E-11	4.1E-14	4.4E-12	9.8E-20	8.3E-18
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	5.8E-16	1.2E-16	4.5E-15	2.1E-14	8.4E-13	2.6E-15	2.8E-13	5.7E-21	4.9E-19
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	3.5E-15	7.0E-16	2.8E-14	1.3E-13	5.3E-12	1.6E-14	1.8E-12	3.5E-20	3.0E-18
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	4.1E-15	8.3E-16	3.3E-14	1.8E-13	7.5E-12	2.3E-14	2.5E-12	4.0E-20	3.5E-18

Table H-90 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	1.2E-14	2.5E-15	9.5E-14	4.2E-13	1.7E-11	5.2E-14	5.6E-12	1.2E-19	1.0E-17
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	9.9E-15	2.0E-15	7.8E-14	4.1E-13	1.7E-11	5.2E-14	5.6E-12	9.7E-20	8.4E-18
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.2E-16	1.4E-16	4.1E-15	5.2E-14	1.7E-12	6.5E-15	5.8E-13	4.9E-18	3.1E-16
2,3,7,8-TCDF	8.0E-18	6.6E-17	1.3E-15	2.6E-16	1.0E-14	1.9E-13	7.8E-12	2.4E-14	2.6E-12	1.3E-20	1.1E-18
OCDD	1.8E-20	9.4E-16	1.7E-14	3.7E-15	1.4E-13	5.6E-13	2.2E-11	7.0E-14	7.4E-12	1.8E-19	1.5E-17
OCDF	6.7E-21	3.6E-16	6.5E-15	1.4E-15	5.1E-14	2.1E-13	8.2E-12	2.6E-14	2.7E-12	7.0E-20	5.5E-18
DNT											
2,4-Dinitrotoluene		4.0E-07		4.7E-07						2.3E-11	
2,6-Dinitrotoluene		6.4E-07		7.6E-07						3.7E-11	
HCN											
Hydrogen cyanide						1.6E-07	6.2E-06	2.0E-08	2.1E-06		
Metals											
Aluminum				7.9E-03						3.9E-07	
Antimony	1.6E-17			3.0E-07		1.0E-08	2.6E-07	1.3E-09	8.6E-08	1.5E-11	
Arsenic	8.1E-16	6.0E-07	4.8E-17	1.4E-06	2.3E-16	5.9E-10	2.1E-08	7.4E-11	7.0E-09	1.2E-10	4.1E-20
Barium	2.3E-12			3.1E-09	1.1E-07	1.3E-07	3.4E-06	1.6E-08	1.1E-06	1.5E-13	1.2E-11
Beryllium	3.3E-17			1.0E-15	3.9E-14	4.3E-11	1.5E-09	5.4E-12	4.8E-10	5.1E-20	4.3E-18
Cadmium	8.3E-15			8.2E-16	3.1E-14	7.6E-10	2.6E-08	9.5E-11	8.8E-09	4.0E-20	3.4E-18
Chromium	2.6E-15			8.3E-11	3.2E-09	6.5E-09	2.3E-07	8.1E-10	7.7E-08	4.1E-15	3.5E-13
Cobalt				1.9E-05	1.0E-08	9.8E-09	1.8E-07	1.2E-09	6.0E-08	9.5E-10	1.1E-12
Copper				3.4E-10	1.3E-08	1.8E-08	6.1E-07	2.2E-09	2.0E-07	1.6E-14	1.4E-12
Iron				1.7E-02						8.3E-07	
Lead	6.9E-18			1.0E-04	3.8E-12	6.0E-09	2.0E-07	7.5E-10	6.5E-08	5.0E-09	4.1E-16
Manganese				8.0E-13	3.1E-11	5.5E-09	1.9E-07	6.8E-10	6.3E-08	3.9E-17	3.3E-15

Table H-90 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				3.4E-14	1.1E-12	2.4E-11	8.3E-10	2.9E-12	2.8E-10	1.7E-18	1.1E-16
Mercury, elemental				1.5E-08		9.8E-14	3.5E-12	1.2E-14	1.2E-12	2.9E-08	
Methyl Mercury	8.7E-15			2.0E-15	7.9E-14					1.0E-19	8.5E-18
Nickel	3.3E-15			4.0E-04	1.6E-13	3.5E-09	1.2E-07	4.3E-10	4.0E-08	2.0E-08	1.7E-17
Phosphorus				7.5E-15	2.8E-13	2.6E-08	8.6E-07	3.3E-09	2.9E-07	7.2E-14	5.9E-12
Selenium	2.8E-16			4.0E-17	1.6E-15	1.7E-10	6.1E-09	2.2E-11	2.0E-09	2.0E-21	1.7E-19
Silver	2.1E-16			8.4E-13	3.1E-11	1.1E-10	3.7E-09	1.4E-11	1.2E-09	4.1E-17	3.4E-15
Thallium (Soluble Salts)				1.1E-07						5.2E-12	
Titanium				8.0E-15	3.2E-13	6.1E-11	2.3E-09	7.6E-12	7.6E-10	3.9E-19	3.5E-17
Zinc	4.1E-12			1.8E-13	6.5E-12	1.4E-07	3.9E-06	1.7E-08	1.3E-06	9.0E-18	7.0E-16
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	5.2E-05	2.0E-07	1.7E-05		
PAHs											
1-Methylnaphthalene		2.4E-16	4.9E-15	2.2E-16	8.9E-15	3.3E-08	1.4E-06	4.1E-09	4.6E-07	2.5E-16	2.2E-14
1-Methylphenanthrene				1.5E-13	6.0E-12	3.9E-09	1.7E-07	4.9E-10	5.5E-08	7.1E-18	6.5E-16
2,3,5-Trimethylnaphthalene				6.8E-14	3.0E-12	1.9E-09	8.4E-08	2.4E-10	2.8E-08	3.3E-18	3.2E-16
2,6-Dimethylnaphthalene				1.9E-13	7.9E-12	5.1E-09	2.2E-07	6.4E-10	7.3E-08	9.1E-18	8.5E-16
2-Methylnaphthalene		2.3E-16	4.7E-15	2.1E-16	8.6E-15	3.2E-08	1.3E-06	4.0E-09	4.4E-07	2.4E-16	2.2E-14
Acenaphthylene				6.0E-13	2.5E-11	1.9E-08	8.0E-07	2.4E-09	2.7E-07	2.9E-17	2.7E-15
Acenaphthene	3.4E-15					3.5E-09	1.4E-07	4.3E-10	4.8E-08		
Anthracene	4.3E-14					6.1E-09	2.6E-07	7.6E-10	8.6E-08		
Benzo(a)anthracene	6.2E-12	1.6E-07	4.4E-11	1.4E-07	8.0E-11	3.0E-09	1.3E-07	3.7E-10	4.3E-08	2.1E-09	2.7E-12
Benzo(a)pyrene	3.1E-12	2.6E-07	1.8E-11	2.4E-07	3.3E-11	1.2E-09	4.9E-08	1.5E-10	1.6E-08	1.2E-11	3.6E-15
Benzo(b)fluoranthene	8.3E-13	5.7E-07	1.0E-12	5.1E-07	1.8E-12	1.3E-09	5.3E-08	1.6E-10	1.8E-08	2.5E-11	2.0E-16

Table H-90 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				3.4E-14	1.3E-12	1.0E-09	4.1E-08	1.3E-10	1.4E-08	1.7E-18	1.4E-16
Benzo(g,h,i)perylene				2.5E-14	1.0E-12	7.7E-10	3.2E-08	9.6E-11	1.1E-08	1.2E-18	1.1E-16
Benzo(k)fluoranthene	7.4E-15	3.6E-08	6.4E-13	3.3E-08	1.2E-12	1.2E-11	2.1E-10	1.5E-12	6.9E-11	1.6E-12	1.3E-16
Biphenyl				3.3E-15	1.4E-13	1.1E-07	4.7E-06	1.4E-08	1.6E-06	2.0E-15	1.8E-13
Chrysene	1.1E-12	2.3E-07	5.5E-11	2.1E-07	9.9E-11	5.1E-09	2.1E-07	6.4E-10	7.1E-08	1.0E-11	1.1E-14
Dibenzo(a,h)anthracene	1.6E-13	9.9E-09	6.7E-12	9.0E-09	1.2E-11	1.9E-10	7.6E-09	2.3E-11	2.5E-09	4.4E-13	1.3E-15
Fluoranthene	2.8E-13	6.7E-14	1.4E-12	6.1E-14	2.5E-12	7.5E-09	3.1E-07	9.4E-10	1.0E-07	3.0E-18	2.7E-16
Fluorene	6.1E-14					1.9E-08	7.9E-07	2.3E-09	2.6E-07		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.4E-07	1.8E-11	1.3E-07	3.3E-11	6.2E-10	2.5E-08	7.7E-11	8.5E-09	6.3E-12	3.6E-15
Napthalene	2.8E-14					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Perylene				1.3E-14	6.2E-13	4.6E-10	2.0E-08	5.8E-11	6.8E-09	6.5E-19	6.6E-17
Phenanthrene	2.9E-13					3.5E-08	1.5E-06	4.4E-09	4.8E-07		
Pyrene	2.0E-13	2.5E-13	5.1E-12	2.3E-13	9.3E-12	7.3E-09	3.0E-07	9.1E-10	1.0E-07	6.4E-15	5.8E-13
Particulate											
Particulate Total Suspended Particulate				3.0E-09	1.2E-07	2.3E-05	9.0E-04	2.9E-06	3.0E-04	1.5E-13	1.3E-11
PM<10				3.8E-09	1.6E-07	3.1E-05	1.2E-03	3.9E-06	4.0E-04	1.9E-13	1.7E-11
PM<2.5				3.2E-09	1.3E-07	2.6E-05	1.0E-03	3.3E-06	3.5E-04	1.6E-13	1.4E-11
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	1.3E-14	5.5E-16	2.2E-14	9.3E-11	3.8E-09	1.2E-11	1.3E-09	5.1E-17	4.5E-15
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.4E-15	6.3E-17	2.4E-15	1.3E-12	5.1E-11	1.6E-13	1.7E-11	3.2E-18	2.7E-16
Hexachlorobiphenyl	9.3E-16	3.4E-16	6.1E-15	2.9E-16	1.0E-14	5.3E-12	2.1E-10	6.7E-13	6.9E-11	1.5E-17	1.1E-15
Monochlorobiphenyl	4.3E-14	4.5E-15	9.0E-14	3.8E-15	1.5E-13	6.5E-10	2.7E-08	8.1E-11	8.9E-09	3.5E-16	3.1E-14
Nonachlorobiphenyl	2.9E-17	1.3E-17	2.1E-16	1.1E-17	3.5E-16	1.8E-13	6.4E-12	2.2E-14	2.1E-12	5.7E-19	3.9E-17
Octachlorobiphenyl	6.8E-17	2.4E-17	4.4E-16	2.0E-17	7.5E-16	3.9E-13	1.5E-11	4.9E-14	5.1E-12	1.0E-18	8.4E-17

Table H-90 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	3.1E-15	1.2E-15	2.1E-14	1.0E-15	3.5E-14	1.8E-11	6.9E-10	2.3E-12	2.3E-10	5.2E-17	3.9E-15
Tetrachlorobiphenyl	1.8E-15	2.5E-16	4.2E-15	2.1E-16	7.1E-15	3.0E-11	1.1E-09	3.8E-12	3.8E-10	2.0E-17	1.5E-15
Trichlorobiphenyl	2.4E-15	3.0E-16	5.3E-15	2.5E-16	9.0E-15	3.8E-11	1.5E-09	4.8E-12	4.9E-10	2.3E-17	1.8E-15
Pesticides											
DDE				5.1E-08						1.6E-09	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	8.7E-09	3.4E-11	2.9E-09		
1,2-dichlorobenzene	2.8E-18					1.1E-10	1.9E-09	1.4E-11	6.5E-10		
1,3-Butadiene						3.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	5.5E-09	2.0E-11	1.8E-09		
1,4-dichlorobenzene	9.2E-17					1.5E-09	6.8E-08	1.9E-10	2.3E-08		
1,4-Dioxane						7.3E-05					
2,4-Dimethylphenol	2.5E-15					2.4E-08	9.5E-07	3.0E-09	3.2E-07		
2-Chlorophenol	1.3E-16					4.7E-09	2.1E-07	5.9E-10	6.9E-08		
2-Methylphenol	5.3E-14					5.6E-08	2.3E-06	7.0E-09	7.8E-07		
2-Nitrophenol	3.2E-16					7.6E-09	3.1E-07	9.4E-10	1.0E-07		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.5E-10	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.8E-16	1.7E-14
4-Nitrophenol	6.5E-16					1.3E-08	4.8E-07	1.6E-09	1.6E-07		
Acetophenone	3.9E-15					1.2E-07	4.9E-06	1.5E-08	1.6E-06		
Benzoic acid	1.6E-14					5.4E-07	2.2E-05	6.7E-08	7.5E-06		
Benzyl alcohol	9.8E-18					4.5E-09	1.4E-07	5.6E-10	4.5E-08		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	1.2E-10	8.0E-12	2.9E-10	1.9E-07	7.4E-06	2.4E-08	2.5E-06	3.9E-16	3.1E-14
Butyl benzyl phthalate	1.8E-13	3.3E-15	6.6E-14	3.8E-15	1.6E-13	6.0E-09	2.5E-07	7.5E-10	8.3E-08	1.9E-19	1.7E-17
Carbazole				1.4E-14	2.6E-13	1.7E-10	3.0E-09	2.1E-11	1.0E-09	6.9E-19	2.8E-17

Table H-90 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Dibenzofuran		1.4E-16	2.9E-15	5.7E-16	2.3E-14	9.5E-09	3.9E-07	1.2E-09	1.3E-07	2.4E-16	2.1E-14
Dimethyl phthalate	6.5E-17					3.3E-10	5.9E-09	4.2E-11	2.0E-09		
Di-n-butyl phthalate	1.7E-12	3.3E-15	6.7E-14	3.9E-15	1.6E-13	9.2E-09	3.8E-07	1.1E-09	1.3E-07	1.9E-19	1.7E-17
Di-n-octyl phthalate	1.3E-17	9.4E-15	8.7E-14	1.1E-14	2.1E-13	6.4E-10	1.1E-08	8.0E-11	3.8E-09	5.5E-19	2.2E-17
Hexachlorobutadiene	6.7E-15					4.4E-08	7.9E-07	5.5E-09	2.6E-07		
Isopropanol						8.2E-04					
Phenol	1.5E-13					3.0E-07	1.2E-05	3.8E-08	4.2E-06		
Pyridine	7.7E-15					2.9E-08	1.2E-06	3.6E-09	4.0E-07		
TRS											
Total Reduced Sulfur						2.9E-07	1.3E-05	3.6E-08	4.2E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	4.6E-09	1.7E-11	1.5E-09		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	5.0E-09	1.7E-11	1.7E-09		
1,1-Dichloroethene	6.0E-21					2.6E-11	4.6E-10	3.2E-12	1.5E-10		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	2.0E-08	6.7E-11	6.6E-09		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	1.9E-09	1.4E-11	6.4E-10		
1,2,4-Trimethylbenzene						6.2E-09	2.0E-07	7.8E-10	6.6E-08		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.2E-09	8.6E-12	4.1E-10		
1,2-Dichloroethane	1.2E-17					3.4E-05	1.0E-07	1.0E-06	3.5E-08		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.7E-07	7.3E-10	5.8E-08		
1,3-Dichloropropane						6.7E-11	1.2E-09	8.4E-12	4.0E-10		
2-Butanone	2.4E-15					3.3E-08	1.3E-06	4.1E-09	4.4E-07		
2-Chlorotoluene						1.5E-09	6.1E-08	1.8E-10	2.0E-08		
2-Hexanone						6.8E-09	2.5E-07	8.4E-10	8.2E-08		

Table H-90 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Benzene	2.0E-15					8.4E-05	3.4E-05	9.7E-06	1.1E-05		
Bromobenzene						3.7E-08	6.6E-07	4.7E-09	2.2E-07		
Bromochloromethane						8.8E-11	1.6E-09	1.1E-11	5.2E-10		
Bromodichloromethane	3.1E-19					9.5E-11	1.7E-09	1.2E-11	5.7E-10		
Bromomethane	1.3E-18					3.8E-09	1.1E-07	4.8E-10	3.8E-08		
Carbon disulfide	1.3E-18					3.3E-09	9.8E-08	4.2E-10	3.3E-08		
Carbon tetrachloride	1.3E-19					1.5E-04	3.9E-09	1.5E-05	1.3E-09		
Chlorobenzene	4.7E-17					4.8E-09	1.7E-07	6.0E-10	5.7E-08		
Chlorodibromomethane	1.8E-17					2.4E-09	4.2E-08	3.0E-10	1.4E-08		
Chloroethane	3.7E-18					9.1E-09	3.2E-07	1.1E-09	1.1E-07		
Chloroform	2.8E-18					2.5E-05	3.8E-08	2.4E-06	1.3E-08		
Chloromethane	9.8E-18					3.1E-08	9.4E-07	3.9E-09	3.1E-07		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	7.1E-08	5.0E-10	2.4E-08		
cis-1,3-Dichloropropene						2.4E-11	4.3E-10	3.0E-12	1.4E-10		
Dibromomethane	4.2E-19					2.0E-10	3.6E-09	2.5E-11	1.2E-09		
Dichlorodifluoromethane	4.7E-21					2.5E-10	4.4E-09	3.1E-11	1.5E-09		
Ethylbenzene	1.5E-15					9.6E-05	7.4E-06	2.4E-08	2.5E-06		
Isopropylbenzene	2.0E-18					1.6E-08	5.4E-07	2.0E-09	1.8E-07		
m&p-Xylene	2.4E-16					3.6E-08	1.2E-06	4.6E-09	4.1E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	6.4E-09	4.5E-11	2.1E-09		
Methylene chloride	2.6E-17					1.8E-08	6.6E-07	2.3E-09	2.2E-07		
n-Butylbenzene						7.8E-09	2.3E-07	9.7E-10	7.7E-08		
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07		
o-Xylene	2.8E-16					2.3E-08	7.6E-07	2.9E-09	2.5E-07		

Table H-90 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)	
p-Chlorotoluene						5.5E-10	1.7E-08	6.9E-11	5.6E-09			
p-Isopropyltoluene						3.8E-09	9.2E-08	4.8E-10	3.1E-08			
sec-Butylbenzene						1.4E-09	4.3E-08	1.8E-10	1.4E-08			
Styrene	9.4E-15					5.1E-07	1.9E-05	6.4E-08	6.2E-06			
tert-Butylbenzene						4.6E-08	8.1E-07	5.7E-09	2.7E-07			
Tetrachloroethene	6.6E-19					1.2E-10	4.2E-09	1.5E-11	1.4E-09			
Toluene	1.6E-15					3.2E-07	1.2E-05	3.9E-08	4.1E-06			
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	1.5E-06	1.1E-08	5.0E-07			
trans-1,3-Dichloropropene						4.2E-11	7.5E-10	5.3E-12	2.5E-10			
Trichloroethene	6.8E-21					4.6E-06	1.3E-10	9.1E-13	4.3E-11			
Trichlorofluoromethane	1.0E-20					8.7E-11	1.6E-09	1.1E-11	5.2E-10			
Vinyl chloride	4.8E-19					5.0E-09	1.2E-07	6.2E-10	4.0E-08			

Table H-91 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			3.6E-05	4.5E-06	
Aldehydes					
Acetaldehyde			6.2E-05	7.8E-06	
Formaldehyde			2.6E-05	3.3E-06	
Propionaldehyde		9.6E-17	6.8E-06	8.5E-07	7.2E-13
CO					
Carbon monoxide			1.9E-03	2.4E-04	
CO2					
Carbon dioxide			6.0E-05	7.5E-06	
Criteria					
Sulfur Dioxide			1.6E-05	2.0E-06	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	3.2E-17	1.3E-16	3.6E-11	4.5E-12	6.2E-18
1,2,3,4,6,7,8-HpCDF	3.3E-17	1.3E-16	3.7E-11	4.6E-12	6.3E-18
1,2,3,4,7,8,9-HpCDF	3.7E-18	1.5E-17	4.7E-12	5.8E-13	7.2E-19
1,2,3,4,7,8-HxCDD	3.7E-18	1.4E-17	4.4E-12	5.4E-13	7.1E-19
1,2,3,4,7,8-HxCDF	2.9E-17	1.1E-16	3.5E-11	4.4E-12	5.6E-18
1,2,3,6,7,8-HxCDD	7.5E-18	2.9E-17	9.2E-12	1.1E-12	1.4E-18
1,2,3,6,7,8-HxCDF	9.5E-18	3.7E-17	1.1E-11	1.4E-12	1.8E-18
1,2,3,7,8,9-HxCDD	1.2E-17	4.6E-17	1.4E-11	1.7E-12	2.3E-18
1,2,3,7,8,9-HxCDF	6.8E-19	2.7E-18	8.8E-13	1.1E-13	1.3E-19

Table H-91 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	4.1E-18	1.6E-17	5.5E-12	6.9E-13	8.0E-19
1,2,3,7,8-PeCDF	4.9E-18	1.9E-17	7.9E-12	9.9E-13	9.4E-19
2,3,4,6,7,8-HxCDF	1.5E-17	5.9E-17	1.8E-11	2.2E-12	2.9E-18
2,3,4,7,8-PeCDF	1.2E-17	4.6E-17	1.8E-11	2.2E-12	2.2E-18
2,3,7,8-TCDD	8.5E-19	3.4E-18	2.2E-12	2.8E-13	1.1E-16
2,3,7,8-TCDF	1.5E-18	6.1E-18	8.2E-12	1.0E-12	3.0E-19
OCDD	2.2E-17	8.6E-17	2.4E-11	3.0E-12	4.2E-18
OCDF	8.4E-18	3.3E-17	9.1E-12	1.1E-12	1.6E-18
HCN					
Hydrogen cyanide			6.8E-06	8.5E-07	
Metals					
Aluminum		4.0E-04			2.0E-05
Antimony		1.8E-08	4.5E-07	5.6E-08	9.0E-10
Arsenic	8.4E-09	2.0E-08	2.5E-08	3.2E-09	1.6E-09
Barium		7.6E-11	5.4E-06	6.7E-07	3.7E-12
Beryllium		4.5E-17	1.8E-09	2.3E-10	2.2E-18
Cadmium		3.5E-17	3.2E-08	4.1E-09	1.7E-18
Chromium		2.3E-12	2.8E-07	3.5E-08	1.1E-13
Cobalt		7.7E-07	4.2E-07	5.3E-08	3.8E-08
Copper		8.3E-12	7.6E-07	9.5E-08	4.1E-13
Iron		7.4E-04			3.6E-05
Lead		3.7E-06	2.6E-07	3.2E-08	1.8E-07

Table H-91 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		3.4E-14	2.3E-07	2.9E-08	1.7E-15
Mercury (+2)		7.3E-16	1.0E-09	1.3E-10	3.6E-17
Mercury, elemental		9.7E-10	4.2E-12	5.3E-13	1.9E-06
Methyl Mercury		4.4E-17			2.1E-18
Nickel		1.7E-05	1.5E-07	1.9E-08	8.4E-07
Phosphorus		3.2E-16	1.1E-06	1.4E-07	3.1E-12
Selenium		1.7E-18	7.5E-09	9.3E-10	8.5E-20
Silver		2.8E-14	4.9E-09	6.1E-10	1.4E-15
Titanium		3.4E-16	2.6E-09	3.3E-10	1.7E-17
Zinc		7.9E-15	5.9E-06	7.3E-07	3.9E-16
NOx					
NOx (Oxides of Nitrogen)			6.7E-05	8.4E-06	
PAHs					
1-Methylnaphthalene	1.0E-17	9.3E-18	1.4E-06	1.8E-07	1.1E-14
1-Methylphenanthrene		6.2E-15	1.7E-07	2.1E-08	3.0E-16
2,3,5-Trimethylnaphthalene		2.9E-15	8.4E-08	1.0E-08	1.4E-16
2,6-Dimethylnaphthalene		7.9E-15	2.2E-07	2.8E-08	3.9E-16
2-Methylnaphthalene	9.9E-18	9.0E-18	1.4E-06	1.7E-07	1.0E-14
Acenaphthylene		2.6E-14	8.1E-07	1.0E-07	1.3E-15
Acenaphthene			1.5E-07	1.9E-08	
Anthracene			2.6E-07	3.2E-08	
Benzo(a)anthracene	3.8E-07	3.5E-07	1.3E-07	1.6E-08	5.3E-06

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)pyrene	3.2E-07	2.9E-07	5.0E-08	6.3E-09	1.4E-08
Benzo(b)fluoranthene	5.2E-07	4.8E-07	5.6E-08	7.0E-09	2.3E-08
Benzo(e)pyrene		1.5E-15	4.3E-08	5.4E-09	7.2E-17
Benzo(g,h,i)perylene		1.1E-15	3.3E-08	4.1E-09	5.3E-17
Benzo(k)fluoranthene	2.8E-07	2.6E-07	5.0E-10	6.2E-11	1.3E-08
Biphenyl		1.4E-16	4.8E-06	6.0E-07	8.4E-14
Chrysene	4.0E-07	3.7E-07	2.2E-07	2.7E-08	1.8E-08
Dibenze(a,h)anthracene	6.3E-08	5.7E-08	8.0E-09	9.9E-10	2.8E-09
Fluoranthene	2.6E-15	2.3E-15	3.2E-07	4.0E-08	1.1E-16
Fluorene			8.0E-07	1.0E-07	
Indeno(1,2,3-cd)pyrene	8.3E-08	7.5E-08	2.6E-08	3.3E-09	3.7E-09
Napthalene	8.0E-09	7.3E-09	6.4E-06	8.0E-07	1.1E-05
Perylene		5.6E-16	2.0E-08	2.5E-09	2.8E-17
Phenanthrene			1.5E-06	1.9E-07	
Pyrene	7.1E-15	6.5E-15	3.1E-07	3.9E-08	1.8E-13
Particulate					
Particulate Total Suspended Particulate		1.3E-10	1.0E-03	1.3E-04	6.3E-12
PM<10		1.6E-10	1.3E-03	1.7E-04	8.0E-12
PM<2.5		1.4E-10	1.1E-03	1.4E-04	6.7E-12
PCBs					
Dichlorobiphenyl	1.5E-17	1.3E-17	4.0E-09	5.0E-10	1.2E-15
Heptachlorobiphenyl	1.7E-18	1.5E-18	5.4E-11	6.8E-12	7.4E-17

Table H-91 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
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Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Hexachlorobiphenyl	7.8E-18	6.6E-18	2.3E-10	2.9E-11	3.4E-16
Monochlorobiphenyl	1.1E-16	8.9E-17	2.8E-08	3.5E-09	8.3E-15
Nonachlorobiphenyl	3.1E-19	2.6E-19	7.7E-12	9.6E-13	1.3E-17
Octachlorobiphenyl	5.6E-19	4.7E-19	1.7E-11	2.1E-12	2.4E-17
Pentachlorobiphenyl	2.8E-17	2.4E-17	7.8E-10	9.8E-11	1.2E-15
Tetrachlorobiphenyl	5.8E-18	4.9E-18	1.3E-09	1.6E-10	4.6E-16
Trichlorobiphenyl	7.0E-18	5.9E-18	1.6E-09	2.0E-10	5.5E-16
Pesticides					
DDE		2.8E-08			8.7E-07
Dieldrin	2.6E-09	3.1E-09			1.5E-10
SVOCs					
1,2,4-trichlorobenzene			1.2E-08	1.4E-09	
1,2-dichlorobenzene			4.7E-09	5.8E-10	
1,3-Butadiene			1.2E-03		
1,3-dichlorobenzene			7.0E-09	8.7E-10	
1,4-dichlorobenzene			6.5E-08	8.1E-09	
2,4-Dimethylphenol			1.0E-06	1.3E-07	
2-Chlorophenol			2.0E-07	2.5E-08	
2-Methylphenol			2.4E-06	3.0E-07	
2-Nitrophenol			3.2E-07	4.0E-08	
3-Methylphenol & 4-Methylphenol		1.6E-13	4.3E-06	5.4E-07	7.7E-15
4-Nitrophenol			5.4E-07	6.7E-08	

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			5.1E-06	6.4E-07	
Benzoic acid			2.3E-05	2.9E-06	
Benzyl alcohol			1.9E-07	2.4E-08	
bis(2-Ethylhexyl) phthalate	2.9E-13	3.4E-13	8.1E-06	1.0E-06	1.7E-14
Butyl benzyl phthalate	1.4E-16	1.6E-16	2.6E-07	3.2E-08	8.1E-18
Carbazole		6.0E-16	7.2E-09	9.0E-10	2.9E-17
Dibenzofuran	6.2E-18	2.4E-17	4.1E-07	5.1E-08	1.0E-14
Dimethyl phthalate			1.4E-08	1.8E-09	
Di-n-butyl phthalate	1.4E-16	1.6E-16	3.9E-07	4.9E-08	8.1E-18
Di-n-octyl phthalate	4.0E-16	4.7E-16	2.8E-08	3.4E-09	2.3E-17
Hexachlorobutadiene			1.9E-06	2.4E-07	
Isopropanol			1.4E-01		
Phenol			1.3E-05	1.6E-06	
Pyridine			1.2E-06	1.5E-07	
TRS					
Total Reduced Sulfur			1.2E-05	1.6E-06	
VOCs					
1,1,1,2-Tetrachloroethane			5.8E-09	7.2E-10	
1,1,1-Trichloroethane			5.7E-09	7.1E-10	
1,1-Dichloroethene			1.1E-09	1.4E-10	
1,2,3-Trichlorobenzene			2.3E-08	2.9E-09	
1,2,3-Trichloropropane			4.6E-09	5.8E-10	

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Exposure Unit	04
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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			2.7E-07	3.3E-08	
1,2-Dibromoethane			3.0E-09	3.7E-10	
1,2-Dichloroethane			1.2E-07	4.3E-05	
1,3,5-Trimethylbenzene			2.5E-07	3.1E-08	
1,3-Dichloropropane			2.9E-09	3.6E-10	
2-Butanone			1.4E-06	1.8E-07	
2-Chlorotoluene			6.3E-08	7.9E-09	
2-Hexanone			2.9E-07	3.6E-08	
Benzene			4.7E-03	4.2E-04	
Bromobenzene			1.6E-06	2.0E-07	
Bromochloromethane			3.8E-09	4.7E-10	
Bromodichloromethane			4.1E-09	5.1E-10	
Bromomethane			1.6E-07	2.0E-08	
Carbon disulfide			1.4E-07	1.8E-08	
Carbon tetrachloride			6.0E-03	6.6E-04	
Chlorobenzene			2.1E-07	2.6E-08	
Chlorodibromomethane			1.0E-07	1.3E-08	
Chloroethane			3.9E-07	4.9E-08	
Chloroform			1.4E-03	1.0E-04	
Chloromethane			1.3E-06	1.7E-07	
cis-1,2-Dichloroethene			1.7E-07	2.1E-08	
cis-1,3-Dichloropropene			1.0E-09	1.3E-10	

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Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			8.7E-09	1.1E-09	
Dichlorodifluoromethane			1.1E-08	1.3E-09	
Ethylbenzene			2.3E-03	1.0E-06	
Isopropylbenzene			6.8E-07	8.4E-08	
m&p-Xylene			1.6E-06	2.0E-07	
Methyl Isobutyl Ketone (4-methyl-2-penta			1.5E-08	1.9E-09	
Methylene chloride			7.7E-07	9.7E-08	
n-Butylbenzene			3.3E-07	4.2E-08	
n-Propylbenzene			4.0E-07	5.0E-08	
o-Xylene			9.8E-07	1.2E-07	
p-Chlorotoluene			2.4E-08	3.0E-09	
p-Isopropyltoluene			1.6E-07	2.1E-08	
sec-Butylbenzene			6.1E-08	7.6E-09	
Styrene			2.2E-05	2.7E-06	
tert-Butylbenzene			2.0E-06	2.4E-07	
Tetrachloroethene			5.2E-09	6.5E-10	
Toluene			1.4E-05	1.7E-06	
trans-1,2-Dichloroethene			3.6E-06	4.5E-07	
trans-1,3-Dichloropropene			1.8E-09	2.3E-10	
Trichloroethene			1.6E-03	3.9E-11	
Trichlorofluoromethane			3.7E-09	4.7E-10	
Vinyl chloride			1.3E-04	2.7E-08	

Table H-92 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			8.4E-07	1.0E-07	
Aldehydes					
Acetaldehyde			1.4E-06	1.8E-07	
Formaldehyde			6.2E-07	7.7E-08	
Propionaldehyde		2.2E-15	1.6E-07	2.0E-08	1.7E-14
CO					
Carbon monoxide			4.5E-05	5.6E-06	
CO2					
Carbon dioxide			1.4E-06	1.8E-07	
Criteria					
Sulfur Dioxide			3.8E-07	4.7E-08	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	1.4E-15	5.5E-15	8.5E-13	1.1E-13	2.7E-19
1,2,3,4,6,7,8-HpCDF	1.4E-15	5.5E-15	8.6E-13	1.1E-13	2.7E-19
1,2,3,4,7,8,9-HpCDF	1.6E-16	6.4E-16	1.1E-13	1.4E-14	3.1E-20
1,2,3,4,7,8-HxCDD	1.6E-16	6.2E-16	1.0E-13	1.3E-14	3.1E-20
1,2,3,4,7,8-HxCDF	1.3E-15	4.9E-15	8.3E-13	1.0E-13	2.4E-19
1,2,3,6,7,8-HxCDD	3.2E-16	1.3E-15	2.1E-13	2.7E-14	6.2E-20
1,2,3,6,7,8-HxCDF	4.1E-16	1.6E-15	2.7E-13	3.4E-14	7.9E-20
1,2,3,7,8,9-HxCDD	5.1E-16	2.0E-15	3.2E-13	4.1E-14	9.8E-20
1,2,3,7,8,9-HxCDF	2.9E-17	1.2E-16	2.1E-14	2.6E-15	5.7E-21

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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	1.8E-16	7.0E-16	1.3E-13	1.6E-14	3.5E-20
1,2,3,7,8-PeCDF	2.1E-16	8.3E-16	1.8E-13	2.3E-14	4.0E-20
2,3,4,6,7,8-HxCDF	6.4E-16	2.5E-15	4.2E-13	5.2E-14	1.2E-19
2,3,4,7,8-PeCDF	5.0E-16	2.0E-15	4.1E-13	5.2E-14	9.7E-20
2,3,7,8-TCDD	3.6E-17	1.4E-16	5.2E-14	6.5E-15	4.9E-18
2,3,7,8-TCDF	6.6E-17	2.6E-16	1.9E-13	2.4E-14	1.3E-20
OCDD	9.4E-16	3.7E-15	5.6E-13	7.0E-14	1.8E-19
OCDF	3.6E-16	1.4E-15	2.1E-13	2.6E-14	7.0E-20
HCN					
Hydrogen cyanide			1.6E-07	2.0E-08	
Metals					
Aluminum		9.4E-03			4.6E-07
Antimony		4.3E-07	1.0E-08	1.3E-09	2.1E-11
Arsenic	2.0E-07	4.6E-07	5.9E-10	7.4E-11	3.8E-11
Barium		3.1E-09	1.3E-07	1.6E-08	1.5E-13
Beryllium		1.0E-15	4.3E-11	5.4E-12	5.1E-20
Cadmium		8.2E-16	7.6E-10	9.5E-11	4.0E-20
Chromium		8.3E-11	6.5E-09	8.1E-10	4.1E-15
Cobalt		1.8E-05	9.8E-09	1.2E-09	8.8E-10
Copper		3.4E-10	1.8E-08	2.2E-09	1.6E-14
Iron		1.7E-02			8.4E-07
Lead		8.6E-05	6.0E-09	7.5E-10	4.2E-09

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Exposure Scenario	Camp Justice
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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		8.0E-13	5.5E-09	6.8E-10	3.9E-17
Mercury (+2)		3.4E-14	2.4E-11	2.9E-12	1.7E-18
Mercury, elemental		2.3E-08	9.8E-14	1.2E-14	4.3E-08
Methyl Mercury		2.0E-15			1.0E-19
Nickel		4.0E-04	3.5E-09	4.3E-10	2.0E-08
Phosphorus		7.5E-15	2.6E-08	3.3E-09	7.2E-14
Selenium		4.0E-17	1.7E-10	2.2E-11	2.0E-21
Silver		8.4E-13	1.1E-10	1.4E-11	4.1E-17
Titanium		8.0E-15	6.1E-11	7.6E-12	3.9E-19
Zinc		1.8E-13	1.4E-07	1.7E-08	9.0E-18
NOx					
NOx (Oxides of Nitrogen)			1.6E-06	2.0E-07	
PAHs					
1-Methylnaphthalene	2.4E-16	2.2E-16	3.3E-08	4.1E-09	2.5E-16
1-Methylphenanthrene		1.5E-13	3.9E-09	4.9E-10	7.1E-18
2,3,5-Trimethylnaphthalene		6.8E-14	1.9E-09	2.4E-10	3.3E-18
2,6-Dimethylnaphthalene		1.9E-13	5.1E-09	6.4E-10	9.1E-18
2-Methylnaphthalene	2.3E-16	2.1E-16	3.2E-08	4.0E-09	2.4E-16
Acenaphthylene		6.0E-13	1.9E-08	2.4E-09	2.9E-17
Acenaphthene			3.5E-09	4.3E-10	
Anthracene			6.1E-09	7.6E-10	
Benzo(a)anthracene	9.0E-06	8.1E-06	3.0E-09	3.7E-10	1.2E-07

Table H-92 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)pyrene	7.5E-06	6.8E-06	1.2E-09	1.5E-10	3.4E-10
Benzo(b)fluoranthene	1.2E-05	1.1E-05	1.3E-09	1.6E-10	5.5E-10
Benzo(e)pyrene		3.4E-14	1.0E-09	1.3E-10	1.7E-18
Benzo(g,h,i)perylene		2.5E-14	7.7E-10	9.6E-11	1.2E-18
Benzo(k)fluoranthene	6.6E-06	6.0E-06	1.2E-11	1.5E-12	2.9E-10
Biphenyl		3.3E-15	1.1E-07	1.4E-08	2.0E-15
Chrysene	9.4E-06	8.6E-06	5.1E-09	6.4E-10	4.2E-10
Dibenze(a,h)anthracene	1.5E-06	1.3E-06	1.9E-10	2.3E-11	6.5E-11
Fluoranthene	6.7E-14	6.1E-14	7.5E-09	9.4E-10	3.0E-18
Fluorene			1.9E-08	2.3E-09	
Indeno(1,2,3-cd)pyrene	1.9E-06	1.8E-06	6.2E-10	7.7E-11	8.6E-11
Napthalene	1.9E-07	1.7E-07	1.5E-07	1.9E-08	2.5E-07
Perylene		1.3E-14	4.6E-10	5.8E-11	6.5E-19
Phenanthrene			3.5E-08	4.4E-09	
Pyrene	2.5E-13	2.3E-13	7.3E-09	9.1E-10	6.4E-15
Particulate					
Particulate Total Suspended Particulate		3.0E-09	2.3E-05	2.9E-06	1.5E-13
PM<10		3.8E-09	3.1E-05	3.9E-06	1.9E-13
PM<2.5		3.2E-09	2.6E-05	3.3E-06	1.6E-13
PCBs					
Dichlorobiphenyl	6.5E-16	5.5E-16	9.3E-11	1.2E-11	5.1E-17
Heptachlorobiphenyl	7.5E-17	6.3E-17	1.3E-12	1.6E-13	3.2E-18

Table H-92 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Hexachlorobiphenyl	3.4E-16	2.9E-16	5.3E-12	6.7E-13	1.5E-17
Monochlorobiphenyl	4.5E-15	3.8E-15	6.5E-10	8.1E-11	3.5E-16
Nonachlorobiphenyl	1.3E-17	1.1E-17	1.8E-13	2.2E-14	5.7E-19
Octachlorobiphenyl	2.4E-17	2.0E-17	3.9E-13	4.9E-14	1.0E-18
Pentachlorobiphenyl	1.2E-15	1.0E-15	1.8E-11	2.3E-12	5.2E-17
Tetrachlorobiphenyl	2.5E-16	2.1E-16	3.0E-11	3.8E-12	2.0E-17
Trichlorobiphenyl	3.0E-16	2.5E-16	3.8E-11	4.8E-12	2.3E-17
Pesticides					
DDE		6.4E-07			2.0E-08
Dieldrin	6.2E-08	7.3E-08			3.6E-12
SVOCs					
1,2,4-trichlorobenzene			2.7E-10	3.4E-11	
1,2-dichlorobenzene			1.1E-10	1.4E-11	
1,3-Butadiene			2.7E-05		
1,3-dichlorobenzene			1.6E-10	2.0E-11	
1,4-dichlorobenzene			1.5E-09	1.9E-10	
2,4-Dimethylphenol			2.4E-08	3.0E-09	
2-Chlorophenol			4.7E-09	5.9E-10	
2-Methylphenol			5.6E-08	7.0E-09	
2-Nitrophenol			7.6E-09	9.4E-10	
3-Methylphenol & 4-Methylphenol		3.7E-12	1.0E-07	1.3E-08	1.8E-16
4-Nitrophenol			1.3E-08	1.6E-09	

Table H-92 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			1.2E-07	1.5E-08	
Benzoic acid			5.4E-07	6.7E-08	
Benzyl alcohol			4.5E-09	5.6E-10	
bis(2-Ethylhexyl) phthalate	6.7E-12	8.0E-12	1.9E-07	2.4E-08	3.9E-16
Butyl benzyl phthalate	3.3E-15	3.8E-15	6.0E-09	7.5E-10	1.9E-19
Carbazole		1.4E-14	1.7E-10	2.1E-11	6.9E-19
Dibenzofuran	1.4E-16	5.7E-16	9.5E-09	1.2E-09	2.4E-16
Dimethyl phthalate			3.3E-10	4.2E-11	
Di-n-butyl phthalate	3.3E-15	3.9E-15	9.2E-09	1.1E-09	1.9E-19
Di-n-octyl phthalate	9.4E-15	1.1E-14	6.4E-10	8.0E-11	5.5E-19
Hexachlorobutadiene			4.4E-08	5.5E-09	
Isopropanol			3.2E-03		
Phenol			3.0E-07	3.8E-08	
Pyridine			2.9E-08	3.6E-09	
TRS					
Total Reduced Sulfur			2.9E-07	3.6E-08	
VOCs					
1,1,1,2-Tetrachloroethane			1.3E-10	1.7E-11	
1,1,1-Trichloroethane			1.3E-10	1.7E-11	
1,1-Dichloroethene			2.6E-11	3.2E-12	
1,2,3-Trichlorobenzene			5.3E-10	6.7E-11	
1,2,3-Trichloropropane			1.1E-10	1.4E-11	

Table H-92 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			6.2E-09	7.8E-10	
1,2-Dibromoethane			6.9E-11	8.6E-12	
1,2-Dichloroethane			2.8E-09	1.0E-06	
1,3,5-Trimethylbenzene			5.9E-09	7.3E-10	
1,3-Dichloropropane			6.7E-11	8.4E-12	
2-Butanone			3.3E-08	4.1E-09	
2-Chlorotoluene			1.5E-09	1.8E-10	
2-Hexanone			6.8E-09	8.4E-10	
Benzene			1.1E-04	9.7E-06	
Bromobenzene			3.7E-08	4.7E-09	
Bromochloromethane			8.8E-11	1.1E-11	
Bromodichloromethane			9.5E-11	1.2E-11	
Bromomethane			3.8E-09	4.8E-10	
Carbon disulfide			3.3E-09	4.2E-10	
Carbon tetrachloride			1.4E-04	1.5E-05	
Chlorobenzene			4.8E-09	6.0E-10	
Chlorodibromomethane			2.4E-09	3.0E-10	
Chloroethane			9.1E-09	1.1E-09	
Chloroform			3.2E-05	2.4E-06	
Chloromethane			3.1E-08	3.9E-09	
cis-1,2-Dichloroethene			4.0E-09	5.0E-10	
cis-1,3-Dichloropropene			2.4E-11	3.0E-12	

Table H-92 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			2.0E-10	2.5E-11	
Dichlorodifluoromethane			2.5E-10	3.1E-11	
Ethylbenzene			5.3E-05	2.4E-08	
Isopropylbenzene			1.6E-08	2.0E-09	
m&p-Xylene			3.6E-08	4.6E-09	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.6E-10	4.5E-11	
Methylene chloride			1.8E-08	2.3E-09	
n-Butylbenzene			7.8E-09	9.7E-10	
n-Propylbenzene			9.4E-09	1.2E-09	
o-Xylene			2.3E-08	2.9E-09	
p-Chlorotoluene			5.5E-10	6.9E-11	
p-Isopropyltoluene			3.8E-09	4.8E-10	
sec-Butylbenzene			1.4E-09	1.8E-10	
Styrene			5.1E-07	6.4E-08	
tert-Butylbenzene			4.6E-08	5.7E-09	
Tetrachloroethene			1.2E-10	1.5E-11	
Toluene			3.2E-07	3.9E-08	
trans-1,2-Dichloroethene			8.4E-08	1.1E-08	
trans-1,3-Dichloropropene			4.2E-11	5.3E-12	
Trichloroethene			3.7E-05	9.1E-13	
Trichlorofluoromethane			8.7E-11	1.1E-11	
Vinyl chloride			3.0E-06	6.2E-10	

Table H-93 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.6E-05	8.3E-05	4.5E-06	4.5E-06		
Aldehydes											
Acetaldehyde	3.9E-15					6.2E-05	1.4E-04	7.8E-06	7.8E-06		
Formaldehyde	1.9E-14					2.6E-05	6.1E-05	3.3E-06	3.3E-06		
Propionaldehyde				9.6E-17	2.7E-16	6.8E-06	1.6E-05	8.5E-07	8.5E-07	7.2E-13	4.4E-12
CO											
Carbon monoxide						1.9E-03	4.4E-03	2.4E-04	2.4E-04		
CO2											
Carbon dioxide						6.0E-05	1.4E-04	7.5E-06	7.5E-06		
Criteria											
Sulfur Dioxide						1.6E-05	3.7E-05	2.0E-06	2.0E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	3.9E-20	3.2E-17	4.5E-17	1.3E-16	3.6E-16	3.6E-11	8.4E-11	4.5E-12	4.5E-12	6.2E-18	3.8E-17
1,2,3,4,6,7,8-HpCDF	3.8E-20	3.3E-17	4.6E-17	1.3E-16	3.6E-16	3.7E-11	8.5E-11	4.6E-12	4.6E-12	6.3E-18	3.9E-17
1,2,3,4,7,8,9-HpCDF	6.2E-21	3.7E-18	5.2E-18	1.5E-17	4.1E-17	4.7E-12	1.1E-11	5.8E-13	5.8E-13	7.2E-19	4.4E-18
1,2,3,4,7,8-HxCDD	4.7E-20	3.7E-18	5.1E-18	1.4E-17	4.0E-17	4.4E-12	1.0E-11	5.4E-13	5.4E-13	7.1E-19	4.4E-18
1,2,3,4,7,8-HxCDF	3.2E-19	2.9E-17	4.1E-17	1.1E-16	3.2E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	5.6E-18	3.5E-17
1,2,3,6,7,8-HxCDD	9.2E-20	7.5E-18	1.0E-17	2.9E-17	8.2E-17	9.2E-12	2.1E-11	1.1E-12	1.1E-12	1.4E-18	8.9E-18
1,2,3,6,7,8-HxCDF	1.2E-19	9.5E-18	1.3E-17	3.7E-17	1.0E-16	1.1E-11	2.7E-11	1.4E-12	1.4E-12	1.8E-18	1.1E-17
1,2,3,7,8,9-HxCDD	1.3E-19	1.2E-17	1.6E-17	4.6E-17	1.3E-16	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.3E-18	1.4E-17
1,2,3,7,8,9-HxCDF	1.0E-20	6.8E-19	9.5E-19	2.7E-18	7.5E-18	8.8E-13	2.0E-12	1.1E-13	1.1E-13	1.3E-19	8.1E-19
1,2,3,7,8-PeCDD	2.9E-19	4.1E-18	5.8E-18	1.6E-17	4.6E-17	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.0E-19	4.9E-18
1,2,3,7,8-PeCDF	4.1E-19	4.9E-18	6.8E-18	1.9E-17	5.4E-17	7.9E-12	1.8E-11	9.9E-13	9.9E-13	9.4E-19	5.8E-18

Table H-93 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	1.7E-19	1.5E-17	2.1E-17	5.9E-17	1.6E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.9E-18	1.8E-17
2,3,4,7,8-PeCDF	6.4E-19	1.2E-17	1.6E-17	4.6E-17	1.3E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.2E-18	1.4E-17
2,3,7,8-TCDD	1.0E-19	8.5E-19	1.2E-18	3.4E-18	9.4E-18	2.2E-12	5.1E-12	2.8E-13	2.8E-13	1.1E-16	7.0E-16
2,3,7,8-TCDF	3.4E-19	1.5E-18	2.2E-18	6.1E-18	1.7E-17	8.2E-12	1.9E-11	1.0E-12	1.0E-12	3.0E-19	1.8E-18
OCDD	5.2E-22	2.2E-17	3.0E-17	8.6E-17	2.4E-16	2.4E-11	5.6E-11	3.0E-12	3.0E-12	4.2E-18	2.6E-17
OCDF	1.9E-22	8.4E-18	1.2E-17	3.3E-17	9.3E-17	9.1E-12	2.1E-11	1.1E-12	1.1E-12	1.6E-18	1.0E-17
HCN											
Hydrogen cyanide						6.8E-06	1.6E-05	8.5E-07	8.5E-07		
Metals											
Aluminum				4.0E-04	8.4E-04					2.0E-05	9.1E-05
Antimony	6.7E-19			1.8E-08	6.2E-08	4.5E-07	1.0E-06	5.6E-08	5.6E-08	9.0E-10	6.6E-09
Arsenic	3.5E-17	8.4E-09	9.8E-09	2.0E-08	4.7E-08	2.5E-08	5.9E-08	3.2E-09	3.2E-09	1.6E-09	8.4E-09
Barium	7.9E-14			7.6E-11	2.1E-10	5.4E-06	1.2E-05	6.7E-07	6.7E-07	3.7E-12	2.3E-11
Beryllium	1.4E-18			4.5E-17	1.3E-16	1.8E-09	4.3E-09	2.3E-10	2.3E-10	2.2E-18	1.4E-17
Cadmium	3.6E-16			3.5E-17	9.8E-17	3.2E-08	7.5E-08	4.1E-09	4.1E-09	1.7E-18	1.1E-17
Chromium	9.4E-17			2.3E-12	6.4E-12	2.8E-07	6.4E-07	3.5E-08	3.5E-08	1.1E-13	6.9E-13
Cobalt				7.7E-07	1.6E-06	4.2E-07	9.7E-07	5.3E-08	5.3E-08	3.8E-08	1.7E-07
Copper				8.3E-12	2.3E-11	7.6E-07	1.8E-06	9.5E-08	9.5E-08	4.1E-13	2.5E-12
Iron				7.4E-04	1.6E-03					3.6E-05	1.7E-04
Lead	3.0E-19			3.7E-06	9.8E-06	2.6E-07	5.9E-07	3.2E-08	3.2E-08	1.8E-07	1.1E-06
Manganese				3.4E-14	9.5E-14	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.7E-15	1.0E-14
Mercury (+2)				7.3E-16	2.1E-15	1.0E-09	2.3E-09	1.3E-10	1.3E-10	3.6E-17	2.2E-16
Mercury, elemental				9.7E-10	1.9E-09	4.2E-12	9.7E-12	5.3E-13	5.3E-13	1.9E-06	1.1E-05
Methyl Mercury	2.8E-16			4.4E-17	1.2E-16					2.1E-18	1.3E-17

Table H-93 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	1.4E-16			1.7E-05	3.0E-05	1.5E-07	3.4E-07	1.9E-08	1.9E-08	8.4E-07	3.3E-06
Phosphorus				3.2E-16	9.0E-16	1.1E-06	2.6E-06	1.4E-07	1.4E-07	3.1E-12	1.9E-11
Selenium	1.2E-17			1.7E-18	4.8E-18	7.5E-09	1.7E-08	9.3E-10	9.3E-10	8.5E-20	5.2E-19
Silver	8.2E-18			2.8E-14	7.8E-14	4.9E-09	1.1E-08	6.1E-10	6.1E-10	1.4E-15	8.4E-15
Thallium (Soluble Salts)					7.2E-09						7.8E-10
Titanium				3.4E-16	9.6E-16	2.6E-09	6.0E-09	3.3E-10	3.3E-10	1.7E-17	1.0E-16
Zinc	1.8E-13			7.9E-15	2.2E-14	5.9E-06	1.4E-05	7.3E-07	7.3E-07	3.9E-16	2.4E-15
NOx											
NOx (Oxides of Nitrogen)						6.7E-05	1.6E-04	8.4E-06	8.4E-06		
PAHs											
1-Methylnaphthalene		1.0E-17	1.4E-17	9.3E-18	2.6E-17	1.4E-06	3.3E-06	1.8E-07	1.8E-07	1.1E-14	6.5E-14
1-Methylphenanthrene				6.2E-15	1.7E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	3.0E-16	1.9E-15
2,3,5-Trimethylnaphthalene				2.9E-15	8.1E-15	8.4E-08	1.9E-07	1.0E-08	1.0E-08	1.4E-16	8.8E-16
2,6-Dimethylnaphthalene				7.9E-15	2.2E-14	2.2E-07	5.1E-07	2.8E-08	2.8E-08	3.9E-16	2.4E-15
2-Methylnaphthalene		9.9E-18	1.4E-17	9.0E-18	2.5E-17	1.4E-06	3.2E-06	1.7E-07	1.7E-07	1.0E-14	6.4E-14
Acenaphthylene				2.6E-14	7.1E-14	8.1E-07	1.9E-06	1.0E-07	1.0E-07	1.3E-15	7.7E-15
Acenaphthene	1.5E-16					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Anthracene	1.8E-15					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
Benzo(a)anthracene	2.6E-13	3.8E-07	2.2E-08	3.5E-07	4.0E-08	1.3E-07	3.0E-07	1.6E-08	1.6E-08	5.3E-06	3.2E-05
Benzo(a)pyrene	1.3E-13	3.2E-07	2.4E-08	2.9E-07	4.4E-08	5.0E-08	1.2E-07	6.3E-09	6.3E-09	1.4E-08	4.7E-09
Benzo(b)fluoranthene	3.6E-14	5.2E-07	3.4E-08	4.8E-07	6.1E-08	5.6E-08	1.3E-07	7.0E-09	7.0E-09	2.3E-08	6.6E-09
Benzo(e)pyrene				1.5E-15	4.1E-15	4.3E-08	9.9E-08	5.4E-09	5.4E-09	7.2E-17	4.4E-16
Benzo(g,h,i)perylene				1.1E-15	3.0E-15	3.3E-08	7.6E-08	4.1E-09	4.1E-09	5.3E-17	3.2E-16
Benzo(k)fluoranthene	2.6E-16	2.8E-07	1.7E-08	2.6E-07	3.1E-08	5.0E-10	1.2E-09	6.2E-11	6.2E-11	1.3E-08	3.3E-09

Table H-93 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				1.4E-16	4.0E-16	4.8E-06	1.1E-05	6.0E-07	6.0E-07	8.4E-14	5.2E-13
Chrysene	4.5E-14	4.0E-07	2.5E-08	3.7E-07	4.5E-08	2.2E-07	5.1E-07	2.7E-08	2.7E-08	1.8E-08	4.8E-09
Dibenze(a,h)anthracene	6.4E-15	6.3E-08	6.0E-09	5.7E-08	1.1E-08	8.0E-09	1.8E-08	9.9E-10	9.9E-10	2.8E-09	1.2E-09
Fluoranthene	1.2E-14	2.6E-15	3.6E-15	2.3E-15	6.6E-15	3.2E-07	7.4E-07	4.0E-08	4.0E-08	1.1E-16	7.1E-16
Fluorene	2.6E-15					8.0E-07	1.9E-06	1.0E-07	1.0E-07		
Indeno(1,2,3-cd)pyrene	1.6E-14	8.3E-08	1.6E-08	7.5E-08	2.8E-08	2.6E-08	6.1E-08	3.3E-09	3.3E-09	3.7E-09	3.1E-09
Napthalene	1.2E-15	8.0E-09		7.3E-09		6.4E-06	1.5E-05	8.0E-07	8.0E-07	1.1E-05	6.5E-05
Perylene				5.6E-16	1.6E-15	2.0E-08	4.6E-08	2.5E-09	2.5E-09	2.8E-17	1.7E-16
Phenanthrene	1.3E-14					1.5E-06	3.5E-06	1.9E-07	1.9E-07		
Pyrene	8.7E-15	7.1E-15	9.9E-15	6.5E-15	1.8E-14	3.1E-07	7.2E-07	3.9E-08	3.9E-08	1.8E-13	1.1E-12
Particulate											
Particulate Total Suspended Particulate				1.3E-10	3.6E-10	1.0E-03	2.3E-03	1.3E-04	1.3E-04	6.3E-12	3.9E-11
PM<10				1.6E-10	4.6E-10	1.3E-03	3.1E-03	1.7E-04	1.7E-04	8.0E-12	4.9E-11
PM<2.5				1.4E-10	3.8E-10	1.1E-03	2.6E-03	1.4E-04	1.4E-04	6.7E-12	4.1E-11
PCBs											
Dichlorobiphenyl	2.6E-16	1.5E-17	2.1E-17	1.3E-17	3.6E-17	4.0E-09	9.2E-09	5.0E-10	5.0E-10	1.2E-15	7.4E-15
Heptachlorobiphenyl	9.8E-18	1.7E-18	2.4E-18	1.5E-18	4.1E-18	5.4E-11	1.3E-10	6.8E-12	6.8E-12	7.4E-17	4.6E-16
Hexachlorobiphenyl	4.0E-17	7.8E-18	1.1E-17	6.6E-18	1.9E-17	2.3E-10	5.3E-10	2.9E-11	2.9E-11	3.4E-16	2.1E-15
Monochlorobiphenyl	1.8E-15	1.1E-16	1.5E-16	8.9E-17	2.5E-16	2.8E-08	6.4E-08	3.5E-09	3.5E-09	8.3E-15	5.1E-14
Nonachlorobiphenyl	1.2E-18	3.1E-19	4.3E-19	2.6E-19	7.2E-19	7.7E-12	1.8E-11	9.6E-13	9.6E-13	1.3E-17	8.1E-17
Octachlorobiphenyl	2.9E-18	5.6E-19	7.9E-19	4.7E-19	1.3E-18	1.7E-11	3.8E-11	2.1E-12	2.1E-12	2.4E-17	1.5E-16
Pentachlorobiphenyl	1.3E-16	2.8E-17	3.9E-17	2.4E-17	6.7E-17	7.8E-10	1.8E-09	9.8E-11	9.8E-11	1.2E-15	7.5E-15
Tetrachlorobiphenyl	7.7E-17	5.8E-18	8.1E-18	4.9E-18	1.4E-17	1.3E-09	3.0E-09	1.6E-10	1.6E-10	4.6E-16	2.8E-15
Trichlorobiphenyl	1.0E-16	7.0E-18	9.7E-18	5.9E-18	1.6E-17	1.6E-09	3.8E-09	2.0E-10	2.0E-10	5.5E-16	3.4E-15

Table H-93 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				2.8E-08	9.4E-09					8.7E-07	5.4E-06
Dieldrin		2.6E-09	4.3E-10	3.1E-09	1.0E-09					1.5E-10	1.1E-10
SVOCs											
1,2,4-trichlorobenzene						1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,2-dichlorobenzene	1.2E-19					4.7E-09	1.1E-08	5.8E-10	5.8E-10		
1,3-Butadiene						1.2E-03					
1,3-dichlorobenzene	3.0E-19					7.0E-09	1.6E-08	8.7E-10	8.7E-10		
1,4-dichlorobenzene	4.0E-18					6.5E-08	1.5E-07	8.1E-09	8.1E-09		
2,4-Dimethylphenol	1.1E-16					1.0E-06	2.4E-06	1.3E-07	1.3E-07		
2-Chlorophenol	5.5E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
2-Methylphenol	2.3E-15					2.4E-06	5.5E-06	3.0E-07	3.0E-07		
2-Nitrophenol	1.4E-17					3.2E-07	7.5E-07	4.0E-08	4.0E-08		
3-Methylphenol & 4-Methylphenol				1.6E-13	4.4E-13	4.3E-06	9.9E-06	5.4E-07	5.4E-07	7.7E-15	4.8E-14
4-Nitrophenol	2.8E-17					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Acetophenone	1.7E-16					5.1E-06	1.2E-05	6.4E-07	6.4E-07		
Benzoic acid	6.8E-16					2.3E-05	5.3E-05	2.9E-06	2.9E-06		
Benzyl alcohol	4.2E-19					1.9E-07	4.5E-07	2.4E-08	2.4E-08		
bis(2-Ethylhexyl) phthalate	2.1E-14	2.9E-13	4.0E-13	3.4E-13	9.5E-13	8.1E-06	1.9E-05	1.0E-06	1.0E-06	1.7E-14	1.0E-13
Butyl benzyl phthalate	7.5E-15	1.4E-16	1.9E-16	1.6E-16	4.6E-16	2.6E-07	5.9E-07	3.2E-08	3.2E-08	8.1E-18	5.0E-17
Carbazole				6.0E-16	1.7E-15	7.2E-09	1.7E-08	9.0E-10	9.0E-10	2.9E-17	1.8E-16
Dibenzofuran		6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.1E-07	9.4E-07	5.1E-08	5.1E-08	1.0E-14	6.4E-14
Dimethyl phthalate	2.8E-18					1.4E-08	3.3E-08	1.8E-09	1.8E-09		
Di-n-butyl phthalate	7.2E-14	1.4E-16	1.9E-16	1.6E-16	4.6E-16	3.9E-07	9.1E-07	4.9E-08	4.9E-08	8.1E-18	5.0E-17

Table H-93 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	5.4E-19	4.0E-16	5.6E-16	4.7E-16	1.3E-15	2.8E-08	6.4E-08	3.4E-09	3.4E-09	2.3E-17	1.4E-16
Hexachlorobutadiene	2.9E-16					1.9E-06	4.4E-06	2.4E-07	2.4E-07		
Isopropanol						1.4E-01	9.7E-02				
p-Chloroaniline			1.4E-08		3.3E-08						3.6E-09
Phenol	6.3E-15					1.3E-05	3.0E-05	1.6E-06	1.6E-06		
Pyridine	3.3E-16					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
TRS											
Total Reduced Sulfur						1.2E-05	2.9E-05	1.6E-06	1.6E-06		
VOCs											
1,1,1,2-Tetrachloroethane	1.2E-19					5.8E-09	1.3E-08	7.2E-10	7.2E-10		
1,1,1-Trichloroethane	7.5E-21					5.7E-09	1.3E-08	7.1E-10	7.1E-10		
1,1-Dichloroethene	2.6E-22					1.1E-09	2.6E-09	1.4E-10	1.4E-10		
1,2,3-Trichlorobenzene	8.0E-18					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2,3-Trichloropropane	4.6E-20					4.6E-09	1.1E-08	5.8E-10	5.8E-10		
1,2,4-Trimethylbenzene						2.7E-07	6.2E-07	3.3E-08	3.3E-08		
1,2-Dibromoethane	1.6E-20					3.0E-09	6.8E-09	3.7E-10	3.7E-10		
1,2-Dichloroethane	5.0E-19					1.2E-07	1.9E-03	4.3E-05	4.3E-05		
1,3,5-Trimethylbenzene	2.6E-18					2.5E-07	5.8E-07	3.1E-08	3.1E-08		
1,3-Dichloropropane						2.9E-09	6.6E-09	3.6E-10	3.6E-10		
2-Butanone	1.0E-16					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
2-Chlorotoluene						6.3E-08	1.5E-07	7.9E-09	7.9E-09		
2-Hexanone						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
Benzene	8.5E-17					4.7E-03	1.2E-02	4.2E-04	4.2E-04		
Bromobenzene						1.6E-06	3.7E-06	2.0E-07	2.0E-07		

Table H-93 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromochloromethane						3.8E-09	8.7E-09	4.7E-10	4.7E-10		
Bromodichloromethane	1.3E-20					4.1E-09	1.4E-02	5.1E-10	5.1E-10		
Bromoform							6.6E-02				
Bromomethane	5.7E-20					1.6E-07	3.8E-07	2.0E-08	2.0E-08		
Carbon disulfide	5.4E-20					1.4E-07	3.3E-07	1.8E-08	1.8E-08		
Carbon tetrachloride	5.8E-21					6.0E-03	1.7E-02	6.6E-04	6.6E-04		
Chlorobenzene	2.0E-18					2.1E-07	4.8E-07	2.6E-08	2.6E-08		
Chlorodibromomethane	7.8E-19					1.0E-07	2.3E-07	1.3E-08	1.3E-08		
Chloroethane	1.6E-19					3.9E-07	9.1E-07	4.9E-08	4.9E-08		
Chloroform	1.2E-19					1.4E-03	3.4E-02	1.0E-04	1.0E-04		
Chloromethane	4.2E-19					1.3E-06	3.1E-06	1.7E-07	1.7E-07		
cis-1,2-Dichloroethene	1.6E-19					1.7E-07	3.9E-07	2.1E-08	2.1E-08		
cis-1,3-Dichloropropene						1.0E-09	2.4E-09	1.3E-10	1.3E-10		
Dibromomethane	1.8E-20					8.7E-09	2.0E-08	1.1E-09	1.1E-09		
Dichlorodifluoromethane	2.0E-22					1.1E-08	2.5E-08	1.3E-09	1.3E-09		
Ethylbenzene	6.4E-17					2.3E-03	9.5E-03	1.0E-06	1.0E-06		
Isopropylbenzene	8.4E-20					6.8E-07	1.6E-06	8.4E-08	8.4E-08		
m&p-Xylene	1.0E-17					1.6E-06	3.6E-06	2.0E-07	2.0E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19					1.5E-08	3.5E-08	1.9E-09	1.9E-09		
Methylene chloride	1.1E-18					7.7E-07	1.8E-06	9.7E-08	9.7E-08		
n-Butylbenzene						3.3E-07	7.7E-07	4.2E-08	4.2E-08		
n-Propylbenzene						4.0E-07	9.3E-07	5.0E-08	5.0E-08		
o-Xylene	1.2E-17					9.8E-07	2.3E-06	1.2E-07	1.2E-07		
p-Chlorotoluene						2.4E-08	5.5E-08	3.0E-09	3.0E-09		

Table H-93 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
p-Isopropyltoluene						1.6E-07	3.8E-07	2.1E-08	2.1E-08		
sec-Butylbenzene						6.1E-08	1.4E-07	7.6E-09	7.6E-09		
Styrene	4.0E-16					2.2E-05	5.1E-05	2.7E-06	2.7E-06		
tert-Butylbenzene						2.0E-06	4.5E-06	2.4E-07	2.4E-07		
Tetrachloroethene	2.8E-20					5.2E-09	1.2E-08	6.5E-10	6.5E-10		
Toluene	6.7E-17					1.4E-05	3.1E-05	1.7E-06	1.7E-06		
trans-1,2-Dichloroethene	2.5E-18					3.6E-06	8.4E-06	4.5E-07	4.5E-07		
trans-1,3-Dichloropropene						1.8E-09	4.2E-09	2.3E-10	2.3E-10		
Trichloroethene	2.9E-22					1.6E-03	1.9E-02	3.9E-11	3.9E-11		
Trichlorofluoromethane	4.5E-22					3.7E-09	8.6E-09	4.7E-10	4.7E-10		
Vinyl chloride	2.1E-20					1.3E-04	4.9E-07	2.7E-08	2.7E-08		

Table H-94 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					6.2E-07	1.4E-06	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19

Table H-94 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				9.4E-03	2.0E-02					4.6E-07	2.1E-06
Antimony	1.6E-17			4.3E-07	1.4E-06	1.0E-08	2.4E-08	1.3E-09	1.3E-09	2.1E-11	1.5E-10
Arsenic	8.1E-16	2.0E-07	2.3E-07	4.6E-07	1.1E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	3.8E-11	2.0E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				1.8E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	8.8E-10	4.0E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				1.7E-02	3.7E-02					8.4E-07	4.0E-06
Lead	6.9E-18			8.6E-05	2.3E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	4.2E-09	2.5E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				2.3E-08	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	4.3E-08	2.7E-07
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19

Table H-94 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			4.0E-04	7.1E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.0E-08	7.7E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Thallium (Soluble Salts)					1.7E-07						1.8E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	9.0E-06	5.1E-07	8.1E-06	9.3E-07	3.0E-09	6.9E-09	3.7E-10	3.7E-10	1.2E-07	7.6E-07
Benzo(a)pyrene	3.1E-12	7.5E-06	5.6E-07	6.8E-06	1.0E-06	1.2E-09	2.7E-09	1.5E-10	1.5E-10	3.4E-10	1.1E-10
Benzo(b)fluoranthene	8.3E-13	1.2E-05	7.9E-07	1.1E-05	1.4E-06	1.3E-09	3.0E-09	1.6E-10	1.6E-10	5.5E-10	1.5E-10
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	6.6E-06	4.0E-07	6.0E-06	7.2E-07	1.2E-11	2.7E-11	1.5E-12	1.5E-12	2.9E-10	7.8E-11

Table H-94 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	9.4E-06	5.7E-07	8.6E-06	1.0E-06	5.1E-09	1.2E-08	6.4E-10	6.4E-10	4.2E-10	1.1E-10
Dibenze(a,h)anthracene	1.6E-13	1.5E-06	1.4E-07	1.3E-06	2.5E-07	1.9E-10	4.3E-10	2.3E-11	2.3E-11	6.5E-11	2.7E-11
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.9E-06	3.6E-07	1.8E-06	6.6E-07	6.2E-10	1.4E-09	7.7E-11	7.7E-11	8.6E-11	7.1E-11
Napthalene	2.8E-14	1.9E-07		1.7E-07		1.5E-07	3.4E-07	1.9E-08	1.9E-08	2.5E-07	1.5E-06
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16

Table H-94 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				6.4E-07	2.2E-07					2.0E-08	1.3E-07
Dieldrin		6.2E-08	1.0E-08	7.3E-08	2.4E-08					3.6E-12	2.5E-12
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						2.7E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18

Table H-94 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						3.2E-03	2.3E-03				
p-Chloroaniline			3.3E-07		7.7E-07						8.4E-11
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	4.4E-05	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					1.1E-04	2.7E-04	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		

Table H-94 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11				
Bromodichloromethane	3.1E-19					9.5E-11	3.4E-04	1.2E-11	1.2E-11				
Bromoform							1.5E-03						
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10				
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10				
Carbon tetrachloride	1.3E-19					1.4E-04	3.9E-04	1.5E-05	1.5E-05				
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10				
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10				
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09				
Chloroform	2.8E-18					3.2E-05	7.9E-04	2.4E-06	2.4E-06				
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09				
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10				
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12				
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11				
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11				
Ethylbenzene	1.5E-15					5.3E-05	2.2E-04	2.4E-08	2.4E-08				
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09				
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09				
Methyl Isobutyl Ketone (4-methyl-2-pent	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11				
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09				
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10				
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09				
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09				
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11				

Table H-94 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					3.7E-05	4.5E-04	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					3.0E-06	1.1E-08	6.2E-10	6.2E-10		

Table H-95 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.6E-05	8.3E-05	4.5E-06	4.5E-06		
Aldehydes											
Acetaldehyde	3.9E-15					6.2E-05	1.4E-04	7.8E-06	7.8E-06		
Formaldehyde	1.9E-14					2.6E-05	1.7E+00	3.3E-06	3.3E-06		
Propionaldehyde				9.6E-17	2.7E-16	6.8E-06	1.6E-05	8.5E-07	8.5E-07	7.2E-13	4.4E-12
CO											
Carbon monoxide						1.9E-03	4.4E-03	2.4E-04	2.4E-04		
CO2											
Carbon dioxide						6.0E-05	1.4E-04	7.5E-06	7.5E-06		
Criteria											
Sulfur Dioxide						1.6E-05	3.7E-05	2.0E-06	2.0E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	3.9E-20	3.2E-17	4.5E-17	1.3E-16	3.6E-16	3.6E-11	8.4E-11	4.5E-12	4.5E-12	6.2E-18	3.8E-17
1,2,3,4,6,7,8-HpCDF	3.8E-20	3.3E-17	4.6E-17	1.3E-16	3.6E-16	3.7E-11	8.5E-11	4.6E-12	4.6E-12	6.3E-18	3.9E-17
1,2,3,4,7,8,9-HpCDF	6.2E-21	3.7E-18	5.2E-18	1.5E-17	4.1E-17	4.7E-12	1.1E-11	5.8E-13	5.8E-13	7.2E-19	4.4E-18
1,2,3,4,7,8-HxCDD	4.7E-20	3.7E-18	5.1E-18	1.4E-17	4.0E-17	4.4E-12	1.0E-11	5.4E-13	5.4E-13	7.1E-19	4.4E-18
1,2,3,4,7,8-HxCDF	3.2E-19	2.9E-17	4.1E-17	1.1E-16	3.2E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	5.6E-18	3.5E-17
1,2,3,6,7,8-HxCDD	9.2E-20	7.5E-18	1.0E-17	2.9E-17	8.2E-17	9.2E-12	2.1E-11	1.1E-12	1.1E-12	1.4E-18	8.9E-18
1,2,3,6,7,8-HxCDF	1.2E-19	9.5E-18	1.3E-17	3.7E-17	1.0E-16	1.1E-11	2.7E-11	1.4E-12	1.4E-12	1.8E-18	1.1E-17
1,2,3,7,8,9-HxCDD	1.3E-19	1.2E-17	1.6E-17	4.6E-17	1.3E-16	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.3E-18	1.4E-17
1,2,3,7,8,9-HxCDF	1.0E-20	6.8E-19	9.5E-19	2.7E-18	7.5E-18	8.8E-13	2.0E-12	1.1E-13	1.1E-13	1.3E-19	8.1E-19
1,2,3,7,8-PeCDD	2.9E-19	4.1E-18	5.8E-18	1.6E-17	4.6E-17	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.0E-19	4.9E-18
1,2,3,7,8-PeCDF	4.1E-19	4.9E-18	6.8E-18	1.9E-17	5.4E-17	7.9E-12	1.8E-11	9.9E-13	9.9E-13	9.4E-19	5.8E-18

Table H-95 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	1.7E-19	1.5E-17	2.1E-17	5.9E-17	1.6E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.9E-18	1.8E-17
2,3,4,7,8-PeCDF	6.4E-19	1.2E-17	1.6E-17	4.6E-17	1.3E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.2E-18	1.4E-17
2,3,7,8-TCDD	1.0E-19	8.5E-19	1.2E-18	3.4E-18	9.4E-18	2.2E-12	5.1E-12	2.8E-13	2.8E-13	1.1E-16	7.0E-16
2,3,7,8-TCDF	3.4E-19	1.5E-18	2.2E-18	6.1E-18	1.7E-17	8.2E-12	1.9E-11	1.0E-12	1.0E-12	3.0E-19	1.8E-18
OCDD	5.2E-22	2.2E-17	3.0E-17	8.6E-17	2.4E-16	2.4E-11	5.6E-11	3.0E-12	3.0E-12	4.2E-18	2.6E-17
OCDF	1.9E-22	8.4E-18	1.2E-17	3.3E-17	9.3E-17	9.1E-12	2.1E-11	1.1E-12	1.1E-12	1.6E-18	1.0E-17
HCN											
Hydrogen cyanide						6.8E-06	1.6E-05	8.5E-07	8.5E-07		
Metals											
Aluminum				4.0E-04	1.0E-03					2.0E-05	1.1E-04
Antimony	6.7E-19			1.8E-08	2.1E-08	4.5E-07	1.0E-06	5.6E-08	5.6E-08	9.0E-10	2.2E-09
Arsenic	3.5E-17	8.4E-09	2.0E-08	2.0E-08	9.2E-08	2.5E-08	5.9E-08	3.2E-09	3.2E-09	1.6E-09	1.7E-08
Barium	7.9E-14			7.6E-11	2.1E-10	5.4E-06	1.2E-05	6.7E-07	6.7E-07	3.7E-12	2.3E-11
Beryllium	1.4E-18			4.5E-17	1.3E-16	1.8E-09	4.3E-09	2.3E-10	2.3E-10	2.2E-18	1.4E-17
Cadmium	3.6E-16			3.5E-17	9.8E-17	3.2E-08	7.5E-08	4.1E-09	4.1E-09	1.7E-18	1.1E-17
Chromium	9.4E-17			2.3E-12	6.4E-12	2.8E-07	6.4E-07	3.5E-08	3.5E-08	1.1E-13	6.9E-13
Cobalt				7.7E-07	1.6E-06	4.2E-07	9.7E-07	5.3E-08	5.3E-08	3.8E-08	1.7E-07
Copper				8.3E-12	2.3E-11	7.6E-07	1.8E-06	9.5E-08	9.5E-08	4.1E-13	2.5E-12
Iron				7.4E-04	1.7E-03					3.6E-05	1.8E-04
Lead	3.0E-19			3.7E-06	2.3E-06	2.6E-07	5.9E-07	3.2E-08	3.2E-08	1.8E-07	2.4E-07
Manganese				3.4E-14	9.5E-14	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.7E-15	1.0E-14
Mercury (+2)				7.3E-16	2.1E-15	1.0E-09	2.3E-09	1.3E-10	1.3E-10	3.6E-17	2.2E-16
Mercury, elemental				9.7E-10	1.2E-09	4.2E-12	9.7E-12	5.3E-13	5.3E-13	1.9E-06	1.1E-05
Methyl Mercury	2.8E-16			4.4E-17	1.2E-16					2.1E-18	1.3E-17

Table H-95 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	1.4E-16			1.7E-05	3.4E-05	1.5E-07	3.4E-07	1.9E-08	1.9E-08	8.4E-07	3.7E-06
Phosphorus				3.2E-16	9.0E-16	1.1E-06	2.6E-06	1.4E-07	1.4E-07	3.1E-12	1.9E-11
Selenium	1.2E-17			1.7E-18	4.8E-18	7.5E-09	1.7E-08	9.3E-10	9.3E-10	8.5E-20	5.2E-19
Silver	8.2E-18			2.8E-14	7.8E-14	4.9E-09	1.1E-08	6.1E-10	6.1E-10	1.4E-15	8.4E-15
Thallium (Soluble Salts)					6.2E-09						6.6E-10
Titanium				3.4E-16	9.6E-16	2.6E-09	6.0E-09	3.3E-10	3.3E-10	1.7E-17	1.0E-16
Zinc	1.8E-13			7.9E-15	2.2E-14	5.9E-06	1.4E-05	7.3E-07	7.3E-07	3.9E-16	2.4E-15
NOx											
NOx (Oxides of Nitrogen)						6.7E-05	1.6E-04	8.4E-06	8.4E-06		
PAHs											
1-Methylnaphthalene		1.0E-17	1.4E-17	9.3E-18	2.6E-17	1.4E-06	3.3E-06	1.8E-07	1.8E-07	1.1E-14	6.5E-14
1-Methylphenanthrene				6.2E-15	1.7E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	3.0E-16	1.9E-15
2,3,5-Trimethylnaphthalene				2.9E-15	8.1E-15	8.4E-08	1.9E-07	1.0E-08	1.0E-08	1.4E-16	8.8E-16
2,6-Dimethylnaphthalene				7.9E-15	2.2E-14	2.2E-07	5.1E-07	2.8E-08	2.8E-08	3.9E-16	2.4E-15
2-Methylnaphthalene		9.9E-18	1.4E-17	9.0E-18	2.5E-17	1.4E-06	3.2E-06	1.7E-07	1.7E-07	1.0E-14	6.4E-14
Acenaphthylene				2.6E-14	7.1E-14	8.1E-07	1.9E-06	1.0E-07	1.0E-07	1.3E-15	7.7E-15
Acenaphthene	1.5E-16					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Anthracene	1.8E-15					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
Benzo(a)anthracene	2.6E-13	3.8E-07	9.8E-14	3.5E-07	1.8E-13	1.3E-07	3.0E-07	1.6E-08	1.6E-08	5.3E-06	3.2E-05
Benzo(a)pyrene	1.3E-13	3.2E-07	4.6E-14	2.9E-07	8.4E-14	5.0E-08	1.2E-07	6.3E-09	6.3E-09	1.4E-08	9.1E-15
Benzo(b)fluoranthene	3.6E-14	5.2E-07	2.7E-15	4.8E-07	4.8E-15	5.6E-08	1.3E-07	7.0E-09	7.0E-09	2.3E-08	5.2E-16
Benzo(e)pyrene				1.5E-15	4.1E-15	4.3E-08	9.9E-08	5.4E-09	5.4E-09	7.2E-17	4.4E-16
Benzo(g,h,i)perylene				1.1E-15	3.0E-15	3.3E-08	7.6E-08	4.1E-09	4.1E-09	5.3E-17	3.2E-16
Benzo(k)fluoranthene	2.6E-16	2.8E-07	2.7E-15	2.6E-07	4.9E-15	5.0E-10	1.2E-09	6.2E-11	6.2E-11	1.3E-08	5.3E-16

Table H-95 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				1.4E-16	4.0E-16	4.8E-06	1.1E-05	6.0E-07	6.0E-07	8.4E-14	5.2E-13
Chrysene	4.5E-14	4.0E-07	1.2E-13	3.7E-07	2.3E-13	2.2E-07	5.1E-07	2.7E-08	2.7E-08	1.8E-08	2.4E-14
Dibenze(a,h)anthracene	6.4E-15	6.3E-08	1.6E-14	5.7E-08	2.9E-14	8.0E-09	1.8E-08	9.9E-10	9.9E-10	2.8E-09	3.1E-15
Fluoranthene	1.2E-14	2.6E-15	3.6E-15	2.3E-15	6.6E-15	3.2E-07	7.4E-07	4.0E-08	4.0E-08	1.1E-16	7.1E-16
Fluorene	2.6E-15					8.0E-07	1.9E-06	1.0E-07	1.0E-07		
Indeno(1,2,3-cd)pyrene	1.6E-14	8.3E-08	4.5E-14	7.5E-08	8.2E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	3.7E-09	8.9E-15
Napthalene	1.2E-15	8.0E-09		7.3E-09		6.4E-06	1.5E-05	8.0E-07	8.0E-07	1.1E-05	6.5E-05
Perylene				5.6E-16	1.6E-15	2.0E-08	4.6E-08	2.5E-09	2.5E-09	2.8E-17	1.7E-16
Phenanthrene	1.3E-14					1.5E-06	3.5E-06	1.9E-07	1.9E-07		
Pyrene	8.7E-15	7.1E-15	9.9E-15	6.5E-15	1.8E-14	3.1E-07	7.2E-07	3.9E-08	3.9E-08	1.8E-13	1.1E-12
Particulate											
Particulate Total Suspended Particulate				1.3E-10	3.6E-10	1.0E-03	2.3E-03	1.3E-04	1.3E-04	6.3E-12	3.9E-11
PM<10				1.6E-10	4.6E-10	1.3E-03	3.1E-03	1.7E-04	1.7E-04	8.0E-12	4.9E-11
PM<2.5				1.4E-10	3.8E-10	1.1E-03	2.6E-03	1.4E-04	1.4E-04	6.7E-12	4.1E-11
PCBs											
Dichlorobiphenyl	2.6E-16	1.5E-17	2.1E-17	1.3E-17	3.6E-17	4.0E-09	9.2E-09	5.0E-10	5.0E-10	1.2E-15	7.4E-15
Heptachlorobiphenyl	9.8E-18	1.7E-18	2.4E-18	1.5E-18	4.1E-18	5.4E-11	1.3E-10	6.8E-12	6.8E-12	7.4E-17	4.6E-16
Hexachlorobiphenyl	4.0E-17	7.8E-18	1.1E-17	6.6E-18	1.9E-17	2.3E-10	5.3E-10	2.9E-11	2.9E-11	3.4E-16	2.1E-15
Monochlorobiphenyl	1.8E-15	1.1E-16	1.5E-16	8.9E-17	2.5E-16	2.8E-08	6.4E-08	3.5E-09	3.5E-09	8.3E-15	5.1E-14
Nonachlorobiphenyl	1.2E-18	3.1E-19	4.3E-19	2.6E-19	7.2E-19	7.7E-12	1.8E-11	9.6E-13	9.6E-13	1.3E-17	8.1E-17
Octachlorobiphenyl	2.9E-18	5.6E-19	7.9E-19	4.7E-19	1.3E-18	1.7E-11	3.8E-11	2.1E-12	2.1E-12	2.4E-17	1.5E-16
Pentachlorobiphenyl	1.3E-16	2.8E-17	3.9E-17	2.4E-17	6.7E-17	7.8E-10	1.8E-09	9.8E-11	9.8E-11	1.2E-15	7.5E-15
Tetrachlorobiphenyl	7.7E-17	5.8E-18	8.1E-18	4.9E-18	1.4E-17	1.3E-09	3.0E-09	1.6E-10	1.6E-10	4.6E-16	2.8E-15
Trichlorobiphenyl	1.0E-16	7.0E-18	9.7E-18	5.9E-18	1.6E-17	1.6E-09	3.8E-09	2.0E-10	2.0E-10	5.5E-16	3.4E-15

Table H-95 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				2.8E-08	3.3E-09					8.7E-07	5.4E-06
Dieldrin		2.6E-09		3.1E-09						1.5E-10	
SVOCs											
1,2,4-trichlorobenzene						1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,2-dichlorobenzene	1.2E-19					4.7E-09	1.1E-08	5.8E-10	5.8E-10		
1,3-Butadiene						1.2E-03					
1,3-dichlorobenzene	3.0E-19					7.0E-09	1.6E-08	8.7E-10	8.7E-10		
1,4-dichlorobenzene	4.0E-18					6.5E-08	1.5E-07	8.1E-09	8.1E-09		
2,4-Dimethylphenol	1.1E-16					1.0E-06	2.4E-06	1.3E-07	1.3E-07		
2-Chlorophenol	5.5E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
2-Methylphenol	2.3E-15					2.4E-06	5.5E-06	3.0E-07	3.0E-07		
2-Nitrophenol	1.4E-17					3.2E-07	7.5E-07	4.0E-08	4.0E-08		
3-Methylphenol & 4-Methylphenol				1.6E-13	4.4E-13	4.3E-06	9.9E-06	5.4E-07	5.4E-07	7.7E-15	4.8E-14
4-Nitrophenol	2.8E-17					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Acetophenone	1.7E-16					5.1E-06	1.2E-05	6.4E-07	6.4E-07		
Benzoic acid	6.8E-16					2.3E-05	5.3E-05	2.9E-06	2.9E-06		
Benzyl alcohol	4.2E-19					1.9E-07	4.5E-07	2.4E-08	2.4E-08		
bis(2-Ethylhexyl) phthalate	2.1E-14	2.9E-13	4.0E-13	3.4E-13	9.5E-13	8.1E-06	1.9E-05	1.0E-06	1.0E-06	1.7E-14	1.0E-13
Butyl benzyl phthalate	7.5E-15	1.4E-16	1.9E-16	1.6E-16	4.6E-16	2.6E-07	5.9E-07	3.2E-08	3.2E-08	8.1E-18	5.0E-17
Carbazole				6.0E-16	1.7E-15	7.2E-09	1.7E-08	9.0E-10	9.0E-10	2.9E-17	1.8E-16
Dibenzofuran		6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.1E-07	9.4E-07	5.1E-08	5.1E-08	1.0E-14	6.4E-14
Dimethyl phthalate	2.8E-18					1.4E-08	3.3E-08	1.8E-09	1.8E-09		
Di-n-butyl phthalate	7.2E-14	1.4E-16	1.9E-16	1.6E-16	4.6E-16	3.9E-07	9.1E-07	4.9E-08	4.9E-08	8.1E-18	5.0E-17

Table H-95 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	5.4E-19	4.0E-16	5.6E-16	4.7E-16	1.3E-15	2.8E-08	6.4E-08	3.4E-09	3.4E-09	2.3E-17	1.4E-16
Hexachlorobutadiene	2.9E-16					1.9E-06	4.4E-06	2.4E-07	2.4E-07		
Isopropanol						1.4E-01					
Phenol	6.3E-15					1.3E-05	3.0E-05	1.6E-06	1.6E-06		
Pyridine	3.3E-16					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
TRS											
Total Reduced Sulfur						1.2E-05	2.9E-05	1.6E-06	1.6E-06		
VOCs											
1,1,1,2-Tetrachloroethane	1.2E-19					5.8E-09	1.3E-08	7.2E-10	7.2E-10		
1,1,1-Trichloroethane	7.5E-21					5.7E-09	1.3E-08	7.1E-10	7.1E-10		
1,1-Dichloroethene	2.6E-22					1.1E-09	2.6E-09	1.4E-10	1.4E-10		
1,2,3-Trichlorobenzene	8.0E-18					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2,3-Trichloropropane	4.6E-20					4.6E-09	1.1E-08	5.8E-10	5.8E-10		
1,2,4-Trimethylbenzene						2.7E-07	6.2E-07	3.3E-08	3.3E-08		
1,2-Dibromoethane	1.6E-20					3.0E-09	6.8E-09	3.7E-10	3.7E-10		
1,2-Dichloroethane	5.0E-19					1.2E-07	2.7E-07	4.3E-05	4.3E-05		
1,3,5-Trimethylbenzene	2.6E-18					2.5E-07	5.8E-07	3.1E-08	3.1E-08		
1,3-Dichloropropane						2.9E-09	6.6E-09	3.6E-10	3.6E-10		
2-Butanone	1.0E-16					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
2-Chlorotoluene						6.3E-08	1.5E-07	7.9E-09	7.9E-09		
2-Hexanone						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
Benzene	8.5E-17					4.7E-03	8.6E-05	4.2E-04	4.2E-04		
Bromobenzene						1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Bromochloromethane						3.8E-09	8.7E-09	4.7E-10	4.7E-10		

Table H-95 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	1.3E-20					4.1E-09	9.4E-09	5.1E-10	5.1E-10		
Bromomethane	5.7E-20					1.6E-07	3.8E-07	2.0E-08	2.0E-08		
Carbon disulfide	5.4E-20					1.4E-07	3.3E-07	1.8E-08	1.8E-08		
Carbon tetrachloride	5.8E-21					6.0E-03	2.2E-08	6.6E-04	6.6E-04		
Chlorobenzene	2.0E-18					2.1E-07	4.8E-07	2.6E-08	2.6E-08		
Chlorodibromomethane	7.8E-19					1.0E-07	2.3E-07	1.3E-08	1.3E-08		
Chloroethane	1.6E-19					3.9E-07	9.1E-07	4.9E-08	4.9E-08		
Chloroform	1.2E-19					1.4E-03	1.9E-07	1.0E-04	1.0E-04		
Chloromethane	4.2E-19					1.3E-06	3.1E-06	1.7E-07	1.7E-07		
cis-1,2-Dichloroethene	1.6E-19					1.7E-07	3.9E-07	2.1E-08	2.1E-08		
cis-1,3-Dichloropropene						1.0E-09	2.4E-09	1.3E-10	1.3E-10		
Dibromomethane	1.8E-20					8.7E-09	2.0E-08	1.1E-09	1.1E-09		
Dichlorodifluoromethane	2.0E-22					1.1E-08	2.5E-08	1.3E-09	1.3E-09		
Ethylbenzene	6.4E-17					2.3E-03	1.9E-05	1.0E-06	1.0E-06		
Isopropylbenzene	8.4E-20					6.8E-07	1.6E-06	8.4E-08	8.4E-08		
m&p-Xylene	1.0E-17					1.6E-06	3.6E-06	2.0E-07	2.0E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19					1.5E-08	3.5E-08	1.9E-09	1.9E-09		
Methylene chloride	1.1E-18					7.7E-07	1.8E-06	9.7E-08	9.7E-08		
n-Butylbenzene						3.3E-07	7.7E-07	4.2E-08	4.2E-08		
n-Propylbenzene						4.0E-07	9.3E-07	5.0E-08	5.0E-08		
o-Xylene	1.2E-17					9.8E-07	2.3E-06	1.2E-07	1.2E-07		
p-Chlorotoluene						2.4E-08	5.5E-08	3.0E-09	3.0E-09		
p-Isopropyltoluene						1.6E-07	3.8E-07	2.1E-08	2.1E-08		
sec-Butylbenzene						6.1E-08	1.4E-07	7.6E-09	7.6E-09		

Table H-95 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)
Styrene	4.0E-16					2.2E-05	5.1E-05	2.7E-06	2.7E-06				
tert-Butylbenzene						2.0E-06	4.5E-06	2.4E-07	2.4E-07				
Tetrachloroethene	2.8E-20					5.2E-09	1.2E-08	6.5E-10	6.5E-10				
Toluene	6.7E-17					1.4E-05	3.1E-05	1.7E-06	1.7E-06				
trans-1,2-Dichloroethene	2.5E-18					3.6E-06	8.4E-06	4.5E-07	4.5E-07				
trans-1,3-Dichloropropene						1.8E-09	4.2E-09	2.3E-10	2.3E-10				
Trichloroethene	2.9E-22					1.6E-03	7.2E-10	3.9E-11	3.9E-11				
Trichlorofluoromethane	4.5E-22					3.7E-09	8.6E-09	4.7E-10	4.7E-10				
Vinyl chloride	2.1E-20					1.3E-04	4.9E-07	2.7E-08	2.7E-08				

Table H-96 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					6.2E-07	4.0E-02	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18	
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18	
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19	
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19	
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18	
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19	
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19	
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19	
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20	
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19	
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19	

Table H-96 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				9.4E-03	2.4E-02					4.6E-07	2.6E-06
Antimony	1.6E-17			4.3E-07	4.8E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	2.1E-11	5.2E-11
Arsenic	8.1E-16	2.0E-07	4.6E-07	4.6E-07	2.2E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	3.8E-11	3.9E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				1.8E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	8.8E-10	4.0E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				1.7E-02	4.0E-02					8.4E-07	4.3E-06
Lead	6.9E-18			8.6E-05	5.3E-05	6.0E-09	1.4E-08	7.5E-10	7.5E-10	4.2E-09	5.7E-09
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				2.3E-08	2.7E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	4.3E-08	2.7E-07
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19

Table H-96 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			4.0E-04	7.9E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.0E-08	8.5E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Thallium (Soluble Salts)					1.4E-07						1.6E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	9.0E-06	2.8E-12	8.1E-06	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	1.2E-07	7.6E-07
Benzo(a)pyrene	3.1E-12	7.5E-06	1.2E-12	6.8E-06	2.3E-12	1.2E-09	2.7E-09	1.5E-10	1.5E-10	3.4E-10	2.4E-16
Benzo(b)fluoranthene	8.3E-13	1.2E-05	7.3E-14	1.1E-05	1.3E-13	1.3E-09	3.0E-09	1.6E-10	1.6E-10	5.5E-10	1.4E-17
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	6.6E-06	9.7E-14	6.0E-06	1.8E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	2.9E-10	1.9E-17

Table H-96 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	9.4E-06	3.8E-12	8.6E-06	6.9E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	4.2E-10	7.4E-16
Dibenze(a,h)anthracene	1.6E-13	1.5E-06	4.7E-13	1.3E-06	8.6E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	6.5E-11	9.3E-17
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.9E-06	1.3E-12	1.8E-06	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	8.6E-11	2.5E-16
Napthalene	2.8E-14	1.9E-07		1.7E-07		1.5E-07	3.4E-07	1.9E-08	1.9E-08	2.5E-07	1.5E-06
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16

Table H-96 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				6.4E-07	7.8E-08					2.0E-08	1.3E-07
Dieldrin		6.2E-08		7.3E-08						3.6E-12	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						2.7E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18

Table H-96 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						3.2E-03					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					1.1E-04	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		

Table H-96 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.4E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					3.2E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					5.3E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		

Table H-96 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)	Particulate/Vapors (ug/m3)
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08				
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09				
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11				
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08				
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08				
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12				
Trichloroethene	6.8E-21					3.7E-05	1.7E-11	9.1E-13	9.1E-13				
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11				
Vinyl chloride	4.8E-19					3.0E-06	1.1E-08	6.2E-10	6.2E-10				

Table H-97 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.6E-05	8.3E-05	4.5E-06	4.5E-06		
Aldehydes											
Acetaldehyde	3.9E-15					6.2E-05	1.4E-04	7.8E-06	7.8E-06		
Formaldehyde	1.9E-14					2.6E-05	1.2E+00	3.3E-06	3.3E-06		
Propionaldehyde				9.6E-17	2.7E-16	6.8E-06	1.6E-05	8.5E-07	8.5E-07	7.2E-13	4.4E-12
CO											
Carbon monoxide						1.9E-03	4.4E-03	2.4E-04	2.4E-04		
CO2											
Carbon dioxide						6.0E-05	1.4E-04	7.5E-06	7.5E-06		
Criteria											
Sulfur Dioxide						1.6E-05	3.7E-05	2.0E-06	2.0E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	3.9E-20	3.2E-17	4.5E-17	1.3E-16	3.6E-16	3.6E-11	8.4E-11	4.5E-12	4.5E-12	6.2E-18	3.8E-17
1,2,3,4,6,7,8-HpCDF	3.8E-20	3.3E-17	4.6E-17	1.3E-16	3.6E-16	3.7E-11	8.5E-11	4.6E-12	4.6E-12	6.3E-18	3.9E-17
1,2,3,4,7,8,9-HpCDF	6.2E-21	3.7E-18	5.2E-18	1.5E-17	4.1E-17	4.7E-12	1.1E-11	5.8E-13	5.8E-13	7.2E-19	4.4E-18
1,2,3,4,7,8-HxCDD	4.7E-20	3.7E-18	5.1E-18	1.4E-17	4.0E-17	4.4E-12	1.0E-11	5.4E-13	5.4E-13	7.1E-19	4.4E-18
1,2,3,4,7,8-HxCDF	3.2E-19	2.9E-17	4.1E-17	1.1E-16	3.2E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	5.6E-18	3.5E-17
1,2,3,6,7,8-HxCDD	9.2E-20	7.5E-18	1.0E-17	2.9E-17	8.2E-17	9.2E-12	2.1E-11	1.1E-12	1.1E-12	1.4E-18	8.9E-18
1,2,3,6,7,8-HxCDF	1.2E-19	9.5E-18	1.3E-17	3.7E-17	1.0E-16	1.1E-11	2.7E-11	1.4E-12	1.4E-12	1.8E-18	1.1E-17
1,2,3,7,8,9-HxCDD	1.3E-19	1.2E-17	1.6E-17	4.6E-17	1.3E-16	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.3E-18	1.4E-17
1,2,3,7,8,9-HxCDF	1.0E-20	6.8E-19	9.5E-19	2.7E-18	7.5E-18	8.8E-13	2.0E-12	1.1E-13	1.1E-13	1.3E-19	8.1E-19
1,2,3,7,8-PeCDD	2.9E-19	4.1E-18	5.8E-18	1.6E-17	4.6E-17	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.0E-19	4.9E-18
1,2,3,7,8-PeCDF	4.1E-19	4.9E-18	6.8E-18	1.9E-17	5.4E-17	7.9E-12	1.8E-11	9.9E-13	9.9E-13	9.4E-19	5.8E-18

Table H-97 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	1.7E-19	1.5E-17	2.1E-17	5.9E-17	1.6E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.9E-18	1.8E-17
2,3,4,7,8-PeCDF	6.4E-19	1.2E-17	1.6E-17	4.6E-17	1.3E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.2E-18	1.4E-17
2,3,7,8-TCDD	1.0E-19	8.5E-19	1.2E-18	3.4E-18	9.4E-18	2.2E-12	5.1E-12	2.8E-13	2.8E-13	1.1E-16	7.0E-16
2,3,7,8-TCDF	3.4E-19	1.5E-18	2.2E-18	6.1E-18	1.7E-17	8.2E-12	1.9E-11	1.0E-12	1.0E-12	3.0E-19	1.8E-18
OCDD	5.2E-22	2.2E-17	3.0E-17	8.6E-17	2.4E-16	2.4E-11	5.6E-11	3.0E-12	3.0E-12	4.2E-18	2.6E-17
OCDF	1.9E-22	8.4E-18	1.2E-17	3.3E-17	9.3E-17	9.1E-12	2.1E-11	1.1E-12	1.1E-12	1.6E-18	1.0E-17
HCN											
Hydrogen cyanide						6.8E-06	1.6E-05	8.5E-07	8.5E-07		
Metals											
Aluminum				4.0E-04	8.2E-04					2.0E-05	8.9E-05
Antimony	6.7E-19			1.8E-08	7.2E-09	4.5E-07	1.0E-06	5.6E-08	5.6E-08	9.0E-10	7.8E-10
Arsenic	3.5E-17	8.4E-09	7.8E-09	2.0E-08	3.7E-08	2.5E-08	5.9E-08	3.2E-09	3.2E-09	1.6E-09	6.6E-09
Barium	7.9E-14			7.6E-11	2.1E-10	5.4E-06	1.2E-05	6.7E-07	6.7E-07	3.7E-12	2.3E-11
Beryllium	1.4E-18			4.5E-17	1.3E-16	1.8E-09	4.3E-09	2.3E-10	2.3E-10	2.2E-18	1.4E-17
Cadmium	3.6E-16			3.5E-17	9.8E-17	3.2E-08	7.5E-08	4.1E-09	4.1E-09	1.7E-18	1.1E-17
Chromium	9.4E-17			2.3E-12	6.4E-12	2.8E-07	6.4E-07	3.5E-08	3.5E-08	1.1E-13	6.9E-13
Cobalt				7.7E-07	2.7E-06	4.2E-07	9.7E-07	5.3E-08	5.3E-08	3.8E-08	2.9E-07
Copper				8.3E-12	2.3E-11	7.6E-07	1.8E-06	9.5E-08	9.5E-08	4.1E-13	2.5E-12
Iron				7.4E-04	1.8E-03					3.6E-05	2.0E-04
Lead	3.0E-19			3.7E-06	6.2E-06	2.6E-07	5.9E-07	3.2E-08	3.2E-08	1.8E-07	6.6E-07
Manganese				3.4E-14	9.5E-14	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.7E-15	1.0E-14
Mercury (+2)				7.3E-16	2.1E-15	1.0E-09	2.3E-09	1.3E-10	1.3E-10	3.6E-17	2.2E-16
Mercury, elemental				9.7E-10	1.9E-09	4.2E-12	9.7E-12	5.3E-13	5.3E-13	1.9E-06	1.1E-05
Methyl Mercury	2.8E-16			4.4E-17	1.2E-16					2.1E-18	1.3E-17

Table H-97 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	1.4E-16			1.7E-05	5.7E-05	1.5E-07	3.4E-07	1.9E-08	1.9E-08	8.4E-07	6.1E-06
Phosphorus				3.2E-16	9.0E-16	1.1E-06	2.6E-06	1.4E-07	1.4E-07	3.1E-12	1.9E-11
Selenium	1.2E-17			1.7E-18	4.8E-18	7.5E-09	1.7E-08	9.3E-10	9.3E-10	8.5E-20	5.2E-19
Silver	8.2E-18			2.8E-14	7.8E-14	4.9E-09	1.1E-08	6.1E-10	6.1E-10	1.4E-15	8.4E-15
Titanium				3.4E-16	9.6E-16	2.6E-09	6.0E-09	3.3E-10	3.3E-10	1.7E-17	1.0E-16
Zinc	1.8E-13			7.9E-15	2.2E-14	5.9E-06	1.4E-05	7.3E-07	7.3E-07	3.9E-16	2.4E-15
NOx											
NOx (Oxides of Nitrogen)						6.7E-05	1.6E-04	8.4E-06	8.4E-06		
PAHs											
1-Methylnaphthalene		1.0E-17	1.4E-17	9.3E-18	2.6E-17	1.4E-06	3.3E-06	1.8E-07	1.8E-07	1.1E-14	6.5E-14
1-Methylphenanthrene				6.2E-15	1.7E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	3.0E-16	1.9E-15
2,3,5-Trimethylnaphthalene				2.9E-15	8.1E-15	8.4E-08	1.9E-07	1.0E-08	1.0E-08	1.4E-16	8.8E-16
2,6-Dimethylnaphthalene				7.9E-15	2.2E-14	2.2E-07	5.1E-07	2.8E-08	2.8E-08	3.9E-16	2.4E-15
2-Methylnaphthalene		9.9E-18	1.4E-17	9.0E-18	2.5E-17	1.4E-06	3.2E-06	1.7E-07	1.7E-07	1.0E-14	6.4E-14
Acenaphthylene				2.6E-14	7.1E-14	8.1E-07	1.9E-06	1.0E-07	1.0E-07	1.3E-15	7.7E-15
Acenaphthene	1.5E-16					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Anthracene	1.8E-15					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
Benzo(a)anthracene	2.6E-13	3.8E-07	9.8E-14	3.5E-07	1.8E-13	1.3E-07	3.0E-07	1.6E-08	1.6E-08	5.3E-06	3.2E-05
Benzo(a)pyrene	1.3E-13	3.2E-07	5.6E-09	2.9E-07	1.0E-08	5.0E-08	1.2E-07	6.3E-09	6.3E-09	1.4E-08	1.1E-09
Benzo(b)fluoranthene	3.6E-14	5.2E-07	5.1E-09	4.8E-07	9.2E-09	5.6E-08	1.3E-07	7.0E-09	7.0E-09	2.3E-08	1.0E-09
Benzo(e)pyrene				1.5E-15	4.1E-15	4.3E-08	9.9E-08	5.4E-09	5.4E-09	7.2E-17	4.4E-16
Benzo(g,h,i)perylene				1.1E-15	3.0E-15	3.3E-08	7.6E-08	4.1E-09	4.1E-09	5.3E-17	3.2E-16
Benzo(k)fluoranthene	2.6E-16	2.8E-07	2.7E-15	2.6E-07	4.9E-15	5.0E-10	1.2E-09	6.2E-11	6.2E-11	1.3E-08	5.3E-16
Biphenyl				1.4E-16	4.0E-16	4.8E-06	1.1E-05	6.0E-07	6.0E-07	8.4E-14	5.2E-13

Table H-97 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	4.5E-14	4.0E-07	1.2E-13	3.7E-07	2.3E-13	2.2E-07	5.1E-07	2.7E-08	2.7E-08	1.8E-08	2.4E-14
Dibenze(a,h)anthracene	6.4E-15	6.3E-08	1.6E-14	5.7E-08	2.9E-14	8.0E-09	1.8E-08	9.9E-10	9.9E-10	2.8E-09	3.1E-15
Fluoranthene	1.2E-14	2.6E-15	3.6E-15	2.3E-15	6.6E-15	3.2E-07	7.4E-07	4.0E-08	4.0E-08	1.1E-16	7.1E-16
Fluorene	2.6E-15					8.0E-07	1.9E-06	1.0E-07	1.0E-07		
Indeno(1,2,3-cd)pyrene	1.6E-14	8.3E-08	4.5E-14	7.5E-08	8.2E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	3.7E-09	8.9E-15
Napthalene	1.2E-15	8.0E-09		7.3E-09		6.4E-06	1.5E-05	8.0E-07	8.0E-07	1.1E-05	6.5E-05
Perylene				5.6E-16	1.6E-15	2.0E-08	4.6E-08	2.5E-09	2.5E-09	2.8E-17	1.7E-16
Phenanthrene	1.3E-14					1.5E-06	3.5E-06	1.9E-07	1.9E-07		
Pyrene	8.7E-15	7.1E-15	9.9E-15	6.5E-15	1.8E-14	3.1E-07	7.2E-07	3.9E-08	3.9E-08	1.8E-13	1.1E-12
Particulate											
Particulate Total Suspended Particulate				1.3E-10	3.6E-10	1.0E-03	2.3E-03	1.3E-04	1.3E-04	6.3E-12	3.9E-11
PM<10				1.6E-10	4.6E-10	1.3E-03	3.1E-03	1.7E-04	1.7E-04	8.0E-12	4.9E-11
PM<2.5				1.4E-10	3.8E-10	1.1E-03	2.6E-03	1.4E-04	1.4E-04	6.7E-12	4.1E-11
PCBs											
Dichlorobiphenyl	2.6E-16	1.5E-17	2.1E-17	1.3E-17	3.6E-17	4.0E-09	9.2E-09	5.0E-10	5.0E-10	1.2E-15	7.4E-15
Heptachlorobiphenyl	9.8E-18	1.7E-18	2.4E-18	1.5E-18	4.1E-18	5.4E-11	1.3E-10	6.8E-12	6.8E-12	7.4E-17	4.6E-16
Hexachlorobiphenyl	4.0E-17	7.8E-18	1.1E-17	6.6E-18	1.9E-17	2.3E-10	5.3E-10	2.9E-11	2.9E-11	3.4E-16	2.1E-15
Monochlorobiphenyl	1.8E-15	1.1E-16	1.5E-16	8.9E-17	2.5E-16	2.8E-08	6.4E-08	3.5E-09	3.5E-09	8.3E-15	5.1E-14
Nonachlorobiphenyl	1.2E-18	3.1E-19	4.3E-19	2.6E-19	7.2E-19	7.7E-12	1.8E-11	9.6E-13	9.6E-13	1.3E-17	8.1E-17
Octachlorobiphenyl	2.9E-18	5.6E-19	7.9E-19	4.7E-19	1.3E-18	1.7E-11	3.8E-11	2.1E-12	2.1E-12	2.4E-17	1.5E-16
Pentachlorobiphenyl	1.3E-16	2.8E-17	3.9E-17	2.4E-17	6.7E-17	7.8E-10	1.8E-09	9.8E-11	9.8E-11	1.2E-15	7.5E-15
Tetrachlorobiphenyl	7.7E-17	5.8E-18	8.1E-18	4.9E-18	1.4E-17	1.3E-09	3.0E-09	1.6E-10	1.6E-10	4.6E-16	2.8E-15
Trichlorobiphenyl	1.0E-16	7.0E-18	9.7E-18	5.9E-18	1.6E-17	1.6E-09	3.8E-09	2.0E-10	2.0E-10	5.5E-16	3.4E-15
Pesticides											

Table H-97 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
DDE				2.8E-08	1.2E-08					8.7E-07	5.4E-06
Dieldrin		2.6E-09		3.1E-09						1.5E-10	
SVOCs											
1,2,4-trichlorobenzene						1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,2-dichlorobenzene	1.2E-19					4.7E-09	1.1E-08	5.8E-10	5.8E-10		
1,3-Butadiene						1.2E-03					
1,3-dichlorobenzene	3.0E-19					7.0E-09	1.6E-08	8.7E-10	8.7E-10		
1,4-dichlorobenzene	4.0E-18					6.5E-08	1.5E-07	8.1E-09	8.1E-09		
2,4-Dimethylphenol	1.1E-16					1.0E-06	2.4E-06	1.3E-07	1.3E-07		
2-Chlorophenol	5.5E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
2-Methylphenol	2.3E-15					2.4E-06	5.5E-06	3.0E-07	3.0E-07		
2-Nitrophenol	1.4E-17					3.2E-07	7.5E-07	4.0E-08	4.0E-08		
3-Methylphenol & 4-Methylphenol				1.6E-13	4.4E-13	4.3E-06	9.9E-06	5.4E-07	5.4E-07	7.7E-15	4.8E-14
4-Nitrophenol	2.8E-17					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Acetophenone	1.7E-16					5.1E-06	1.2E-05	6.4E-07	6.4E-07		
Benzoic acid	6.8E-16					2.3E-05	5.3E-05	2.9E-06	2.9E-06		
Benzyl alcohol	4.2E-19					1.9E-07	4.5E-07	2.4E-08	2.4E-08		
bis(2-Ethylhexyl) phthalate	2.1E-14	2.9E-13	4.0E-13	3.4E-13	9.5E-13	8.1E-06	1.9E-05	1.0E-06	1.0E-06	1.7E-14	1.0E-13
Butyl benzyl phthalate	7.5E-15	1.4E-16	1.9E-16	1.6E-16	4.6E-16	2.6E-07	5.9E-07	3.2E-08	3.2E-08	8.1E-18	5.0E-17
Carbazole				6.0E-16	1.7E-15	7.2E-09	1.7E-08	9.0E-10	9.0E-10	2.9E-17	1.8E-16
Dibenzofuran		6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.1E-07	9.4E-07	5.1E-08	5.1E-08	1.0E-14	6.4E-14
Dimethyl phthalate	2.8E-18					1.4E-08	3.3E-08	1.8E-09	1.8E-09		
Di-n-butyl phthalate	7.2E-14	1.4E-16	1.9E-16	1.6E-16	4.6E-16	3.9E-07	9.1E-07	4.9E-08	4.9E-08	8.1E-18	5.0E-17
Di-n-octyl phthalate	5.4E-19	4.0E-16	5.6E-16	4.7E-16	1.3E-15	2.8E-08	6.4E-08	3.4E-09	3.4E-09	2.3E-17	1.4E-16

Table H-97 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	2.9E-16					1.9E-06	4.4E-06	2.4E-07	2.4E-07		
Isopropanol						1.4E-01					
Phenol	6.3E-15					1.3E-05	3.0E-05	1.6E-06	1.6E-06		
Pyridine	3.3E-16					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
TRS											
Total Reduced Sulfur						1.2E-05	2.9E-05	1.6E-06	1.6E-06		
VOCs											
1,1,1,2-Tetrachloroethane	1.2E-19					5.8E-09	1.3E-08	7.2E-10	7.2E-10		
1,1,1-Trichloroethane	7.5E-21					5.7E-09	1.3E-08	7.1E-10	7.1E-10		
1,1-Dichloroethene	2.6E-22					1.1E-09	2.6E-09	1.4E-10	1.4E-10		
1,2,3-Trichlorobenzene	8.0E-18					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2,3-Trichloropropane	4.6E-20					4.6E-09	1.1E-08	5.8E-10	5.8E-10		
1,2,4-Trimethylbenzene						2.7E-07	6.2E-07	3.3E-08	3.3E-08		
1,2-Dibromoethane	1.6E-20					3.0E-09	6.8E-09	3.7E-10	3.7E-10		
1,2-Dichloroethane	5.0E-19					1.2E-07	2.7E-07	4.3E-05	4.3E-05		
1,3,5-Trimethylbenzene	2.6E-18					2.5E-07	5.8E-07	3.1E-08	3.1E-08		
1,3-Dichloropropane						2.9E-09	6.6E-09	3.6E-10	3.6E-10		
2-Butanone	1.0E-16					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
2-Chlorotoluene						6.3E-08	1.5E-07	7.9E-09	7.9E-09		
2-Hexanone						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
Benzene	8.5E-17					4.7E-03	8.6E-05	4.2E-04	4.2E-04		
Bromobenzene						1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Bromochloromethane						3.8E-09	8.7E-09	4.7E-10	4.7E-10		
Bromodichloromethane	1.3E-20					4.1E-09	9.4E-09	5.1E-10	5.1E-10		

Table H-97 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromomethane	5.7E-20					1.6E-07	3.8E-07	2.0E-08	2.0E-08		
Carbon disulfide	5.4E-20					1.4E-07	3.3E-07	1.8E-08	1.8E-08		
Carbon tetrachloride	5.8E-21					6.0E-03	2.2E-08	6.6E-04	6.6E-04		
Chlorobenzene	2.0E-18					2.1E-07	4.8E-07	2.6E-08	2.6E-08		
Chlorodibromomethane	7.8E-19					1.0E-07	2.3E-07	1.3E-08	1.3E-08		
Chloroethane	1.6E-19					3.9E-07	9.1E-07	4.9E-08	4.9E-08		
Chloroform	1.2E-19					1.4E-03	1.9E-07	1.0E-04	1.0E-04		
Chloromethane	4.2E-19					1.3E-06	3.1E-06	1.7E-07	1.7E-07		
cis-1,2-Dichloroethene	1.6E-19					1.7E-07	3.9E-07	2.1E-08	2.1E-08		
cis-1,3-Dichloropropene						1.0E-09	2.4E-09	1.3E-10	1.3E-10		
Dibromomethane	1.8E-20					8.7E-09	2.0E-08	1.1E-09	1.1E-09		
Dichlorodifluoromethane	2.0E-22					1.1E-08	2.5E-08	1.3E-09	1.3E-09		
Ethylbenzene	6.4E-17					2.3E-03	1.9E-05	1.0E-06	1.0E-06		
Isopropylbenzene	8.4E-20					6.8E-07	1.6E-06	8.4E-08	8.4E-08		
m&p-Xylene	1.0E-17					1.6E-06	3.6E-06	2.0E-07	2.0E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19					1.5E-08	3.5E-08	1.9E-09	1.9E-09		
Methylene chloride	1.1E-18					7.7E-07	1.8E-06	9.7E-08	9.7E-08		
n-Butylbenzene						3.3E-07	7.7E-07	4.2E-08	4.2E-08		
n-Propylbenzene						4.0E-07	9.3E-07	5.0E-08	5.0E-08		
o-Xylene	1.2E-17					9.8E-07	2.3E-06	1.2E-07	1.2E-07		
p-Chlorotoluene						2.4E-08	5.5E-08	3.0E-09	3.0E-09		
p-Isopropyltoluene						1.6E-07	3.8E-07	2.1E-08	2.1E-08		
sec-Butylbenzene						6.1E-08	1.4E-07	7.6E-09	7.6E-09		
Styrene	4.0E-16					2.2E-05	5.1E-05	2.7E-06	2.7E-06		

Table H-97 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of		Inhalation of		Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	
tert-Butylbenzene						2.0E-06	4.5E-06	2.4E-07	2.4E-07			
Tetrachloroethene	2.8E-20					5.2E-09	1.2E-08	6.5E-10	6.5E-10			
Toluene	6.7E-17					1.4E-05	3.1E-05	1.7E-06	1.7E-06			
trans-1,2-Dichloroethene	2.5E-18					3.6E-06	8.4E-06	4.5E-07	4.5E-07			
trans-1,3-Dichloropropene						1.8E-09	4.2E-09	2.3E-10	2.3E-10			
Trichloroethene	2.9E-22					1.6E-03	7.2E-10	3.9E-11	3.9E-11			
Trichlorofluoromethane	4.5E-22					3.7E-09	8.6E-09	4.7E-10	4.7E-10			
Vinyl chloride	2.1E-20					1.3E-04	4.9E-07	2.7E-08	2.7E-08			

Table H-98 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					6.2E-07	2.7E-02	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19

Table H-98 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				9.4E-03	1.9E-02					4.6E-07	2.1E-06
Antimony	1.6E-17			4.3E-07	1.7E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	2.1E-11	1.8E-11
Arsenic	8.1E-16	2.0E-07	1.8E-07	4.6E-07	8.6E-07	5.9E-10	1.4E-09	7.4E-11	7.4E-11	3.8E-11	1.6E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				1.8E-05	6.4E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	8.8E-10	6.9E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				1.7E-02	4.3E-02					8.4E-07	4.7E-06
Lead	6.9E-18			8.6E-05	1.4E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	4.2E-09	1.6E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				2.3E-08	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	4.3E-08	2.7E-07
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19

Table H-98 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			4.0E-04	1.3E-03	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.0E-08	1.4E-07
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	9.0E-06	2.8E-12	8.1E-06	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	1.2E-07	7.6E-07
Benzo(a)pyrene	3.1E-12	7.5E-06	1.3E-07	6.8E-06	2.4E-07	1.2E-09	2.7E-09	1.5E-10	1.5E-10	3.4E-10	2.6E-11
Benzo(b)fluoranthene	8.3E-13	1.2E-05	1.2E-07	1.1E-05	2.2E-07	1.3E-09	3.0E-09	1.6E-10	1.6E-10	5.5E-10	2.3E-11
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	6.6E-06	9.7E-14	6.0E-06	1.8E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	2.9E-10	1.9E-17
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14

Table H-98 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	1.1E-12	9.4E-06	3.8E-12	8.6E-06	6.9E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	4.2E-10	7.4E-16
Dibenze(a,h)anthracene	1.6E-13	1.5E-06	4.7E-13	1.3E-06	8.6E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	6.5E-11	9.3E-17
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.9E-06	1.3E-12	1.8E-06	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	8.6E-11	2.5E-16
Napthalene	2.8E-14	1.9E-07		1.7E-07		1.5E-07	3.4E-07	1.9E-08	1.9E-08	2.5E-07	1.5E-06
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16
Pesticides											

Table H-98 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
DDE				6.4E-07	2.8E-07					2.0E-08	1.3E-07
Dieldrin		6.2E-08		7.3E-08						3.6E-12	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						2.7E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18

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Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						3.2E-03					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					1.1E-04	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		

Table H-98 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.4E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					3.2E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					5.3E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		

Table H-98 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09			
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11			
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08			
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08			
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12			
Trichloroethene	6.8E-21					3.7E-05	1.7E-11	9.1E-13	9.1E-13			
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11			
Vinyl chloride	4.8E-19					3.0E-06	1.1E-08	6.2E-10	6.2E-10			

Table H-99 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.6E-05	1.3E-03	4.5E-06	4.3E-04		
Aldehydes											
Acetaldehyde	3.9E-15					6.2E-05	2.2E-03	7.8E-06	7.4E-04		
Formaldehyde	1.9E-14					2.6E-05	8.7E-04	3.3E-06	2.9E-04		
Propionaldehyde				9.6E-17	3.1E-15	6.8E-06	2.5E-04	8.5E-07	8.2E-05	7.2E-13	5.1E-11
CO											
Carbon monoxide						1.9E-03	7.1E-02	2.4E-04	2.4E-02		
CO2											
Carbon dioxide						6.0E-05	2.1E-03	7.5E-06	7.2E-04		
Criteria											
Sulfur Dioxide						1.6E-05	5.2E-04	2.0E-06	1.7E-04		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	3.9E-20	3.2E-17	6.0E-16	1.3E-16	4.8E-15	3.6E-11	1.4E-09	4.5E-12	4.8E-10	6.2E-18	5.1E-16
1,2,3,4,6,7,8-HpCDF	3.8E-20	3.3E-17	6.0E-16	1.3E-16	4.8E-15	3.7E-11	1.5E-09	4.6E-12	4.9E-10	6.3E-18	5.1E-16
1,2,3,4,7,8,9-HpCDF	6.2E-21	3.7E-18	7.3E-17	1.5E-17	5.7E-16	4.7E-12	1.9E-10	5.8E-13	6.3E-11	7.2E-19	6.2E-17
1,2,3,4,7,8-HxCDD	4.7E-20	3.7E-18	7.1E-17	1.4E-17	5.6E-16	4.4E-12	1.8E-10	5.4E-13	5.9E-11	7.1E-19	6.0E-17
1,2,3,4,7,8-HxCDF	3.2E-19	2.9E-17	5.6E-16	1.1E-16	4.4E-15	3.5E-11	1.4E-09	4.4E-12	4.8E-10	5.6E-18	4.8E-16
1,2,3,6,7,8-HxCDD	9.2E-20	7.5E-18	1.4E-16	2.9E-17	1.1E-15	9.2E-12	3.7E-10	1.1E-12	1.2E-10	1.4E-18	1.2E-16
1,2,3,6,7,8-HxCDF	1.2E-19	9.5E-18	1.9E-16	3.7E-17	1.5E-15	1.1E-11	4.7E-10	1.4E-12	1.6E-10	1.8E-18	1.6E-16
1,2,3,7,8,9-HxCDD	1.3E-19	1.2E-17	2.3E-16	4.6E-17	1.8E-15	1.4E-11	5.6E-10	1.7E-12	1.9E-10	2.3E-18	1.9E-16
1,2,3,7,8,9-HxCDF	1.0E-20	6.8E-19	1.3E-17	2.7E-18	1.1E-16	8.8E-13	3.6E-11	1.1E-13	1.2E-11	1.3E-19	1.1E-17
1,2,3,7,8-PeCDD	2.9E-19	4.1E-18	8.1E-17	1.6E-17	6.4E-16	5.5E-12	2.3E-10	6.9E-13	7.5E-11	8.0E-19	6.9E-17
1,2,3,7,8-PeCDF	4.1E-19	4.9E-18	9.6E-17	1.9E-17	7.5E-16	7.9E-12	3.2E-10	9.9E-13	1.1E-10	9.4E-19	8.1E-17

Table H-99 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	1.7E-19	1.5E-17	2.8E-16	5.9E-17	2.2E-15	1.8E-11	7.1E-10	2.2E-12	2.4E-10	2.9E-18	2.4E-16
2,3,4,7,8-PeCDF	6.4E-19	1.2E-17	2.3E-16	4.6E-17	1.8E-15	1.8E-11	7.2E-10	2.2E-12	2.4E-10	2.2E-18	1.9E-16
2,3,7,8-TCDD	1.0E-19	8.5E-19	1.2E-17	3.4E-18	9.7E-17	2.2E-12	7.4E-11	2.8E-13	2.5E-11	1.1E-16	7.3E-15
2,3,7,8-TCDF	3.4E-19	1.5E-18	3.1E-17	6.1E-18	2.4E-16	8.2E-12	3.4E-10	1.0E-12	1.1E-10	3.0E-19	2.6E-17
OCDD	5.2E-22	2.2E-17	4.0E-16	8.6E-17	3.2E-15	2.4E-11	9.5E-10	3.0E-12	3.2E-10	4.2E-18	3.4E-16
OCDF	1.9E-22	8.4E-18	1.5E-16	3.3E-17	1.2E-15	9.1E-12	3.5E-10	1.1E-12	1.2E-10	1.6E-18	1.3E-16
HCN											
Hydrogen cyanide						6.8E-06	2.6E-04	8.5E-07	8.8E-05		
Metals											
Aluminum				4.0E-04						2.0E-05	
Antimony	6.7E-19			1.8E-08		4.5E-07	1.1E-05	5.6E-08	3.7E-06	9.0E-10	
Arsenic	3.5E-17	8.4E-09	2.1E-18	2.0E-08	9.8E-18	2.5E-08	9.0E-07	3.2E-09	3.0E-07	1.6E-09	1.8E-18
Barium	7.9E-14			7.6E-11	2.6E-09	5.4E-06	1.5E-04	6.7E-07	4.8E-05	3.7E-12	2.8E-10
Beryllium	1.4E-18			4.5E-17	1.7E-15	1.8E-09	6.2E-08	2.3E-10	2.1E-08	2.2E-18	1.8E-16
Cadmium	3.6E-16			3.5E-17	1.3E-15	3.2E-08	1.1E-06	4.1E-09	3.8E-07	1.7E-18	1.4E-16
Chromium	9.4E-17			2.3E-12	8.9E-11	2.8E-07	9.9E-06	3.5E-08	3.3E-06	1.1E-13	9.6E-12
Cobalt				7.7E-07	2.4E-10	4.2E-07	7.7E-06	5.3E-08	2.6E-06	3.8E-08	2.6E-11
Copper				8.3E-12	3.2E-10	7.6E-07	2.6E-05	9.5E-08	8.7E-06	4.1E-13	3.4E-11
Iron				7.4E-04						3.6E-05	
Lead	3.0E-19			3.7E-06	1.6E-13	2.6E-07	8.4E-06	3.2E-08	2.8E-06	1.8E-07	1.8E-14
Manganese				3.4E-14	1.3E-12	2.3E-07	8.1E-06	2.9E-08	2.7E-06	1.7E-15	1.4E-13
Mercury (+2)				7.3E-16	2.3E-14	1.0E-09	3.6E-08	1.3E-10	1.2E-08	3.6E-17	2.4E-15
Mercury, elemental				9.7E-10		4.2E-12	1.5E-10	5.3E-13	4.9E-11	1.9E-06	
Methyl Mercury	2.8E-16			4.4E-17	1.7E-15					2.1E-18	1.8E-16

Table H-99 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	1.4E-16			1.7E-05	6.6E-15	1.5E-07	5.1E-06	1.9E-08	1.7E-06	8.4E-07	7.2E-16
Phosphorus				3.2E-16	1.2E-14	1.1E-06	3.7E-05	1.4E-07	1.2E-05	3.1E-12	2.5E-10
Selenium	1.2E-17			1.7E-18	6.6E-17	7.5E-09	2.6E-07	9.3E-10	8.7E-08	8.5E-20	7.2E-18
Silver	8.2E-18			2.8E-14	1.0E-12	4.9E-09	1.6E-07	6.1E-10	5.3E-08	1.4E-15	1.1E-13
Titanium				3.4E-16	1.4E-14	2.6E-09	9.8E-08	3.3E-10	3.3E-08	1.7E-17	1.5E-15
Zinc	1.8E-13			7.9E-15	2.8E-13	5.9E-06	1.7E-04	7.3E-07	5.6E-05	3.9E-16	3.0E-14
NOx											
NOx (Oxides of Nitrogen)						6.7E-05	2.2E-03	8.4E-06	7.5E-04		
PAHs											
1-Methylnaphthalene		1.0E-17	2.1E-16	9.3E-18	3.8E-16	1.4E-06	5.9E-05	1.8E-07	2.0E-05	1.1E-14	9.5E-13
1-Methylphenanthrene				6.2E-15	2.6E-13	1.7E-07	7.1E-06	2.1E-08	2.4E-06	3.0E-16	2.8E-14
2,3,5-Trimethylnaphthalene				2.9E-15	1.3E-13	8.4E-08	3.6E-06	1.0E-08	1.2E-06	1.4E-16	1.4E-14
2,6-Dimethylnaphthalene				7.9E-15	3.4E-13	2.2E-07	9.3E-06	2.8E-08	3.1E-06	3.9E-16	3.6E-14
2-Methylnaphthalene		9.9E-18	2.0E-16	9.0E-18	3.7E-16	1.4E-06	5.7E-05	1.7E-07	1.9E-05	1.0E-14	9.3E-13
Acenaphthylene				2.6E-14	1.1E-12	8.1E-07	3.4E-05	1.0E-07	1.1E-05	1.3E-15	1.2E-13
Acenaphthene	1.5E-16					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Anthracene	1.8E-15					2.6E-07	1.1E-05	3.2E-08	3.7E-06		
Benzo(a)anthracene	2.6E-13	3.8E-07	1.6E-12	3.5E-07	2.9E-12	1.3E-07	5.5E-06	1.6E-08	1.8E-06	5.3E-06	9.5E-11
Benzo(a)pyrene	1.3E-13	3.2E-07	6.8E-13	2.9E-07	1.2E-12	5.0E-08	2.1E-06	6.3E-09	7.0E-07	1.4E-08	1.3E-13
Benzo(b)fluoranthene	3.6E-14	5.2E-07	3.6E-14	4.8E-07	6.6E-14	5.6E-08	2.3E-06	7.0E-09	7.6E-07	2.3E-08	7.2E-15
Benzo(e)pyrene				1.5E-15	5.7E-14	4.3E-08	1.8E-06	5.4E-09	5.8E-07	7.2E-17	6.2E-15
Benzo(g,h,i)perylene				1.1E-15	4.4E-14	3.3E-08	1.4E-06	4.1E-09	4.5E-07	5.3E-17	4.7E-15
Benzo(k)fluoranthene	2.6E-16	2.8E-07	1.8E-14	2.6E-07	3.3E-14	5.0E-10	8.9E-09	6.2E-11	3.0E-09	1.3E-08	3.5E-15
Biphenyl				1.4E-16	6.0E-15	4.8E-06	2.0E-04	6.0E-07	6.7E-05	8.4E-14	7.7E-12

Table H-99 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	4.5E-14	4.0E-07	1.8E-12	3.7E-07	3.3E-12	2.2E-07	9.1E-06	2.7E-08	3.0E-06	1.8E-08	3.5E-13
Dibenze(a,h)anthracene	6.4E-15	6.3E-08	2.3E-13	5.7E-08	4.1E-13	8.0E-09	3.3E-07	9.9E-10	1.1E-07	2.8E-09	4.4E-14
Fluoranthene	1.2E-14	2.6E-15	5.2E-14	2.3E-15	9.6E-14	3.2E-07	1.3E-05	4.0E-08	4.4E-06	1.1E-16	1.0E-14
Fluorene	2.6E-15					8.0E-07	3.4E-05	1.0E-07	1.1E-05		
Indeno(1,2,3-cd)pyrene	1.6E-14	8.3E-08	6.5E-13	7.5E-08	1.2E-12	2.6E-08	1.1E-06	3.3E-09	3.6E-07	3.7E-09	1.3E-13
Napthalene	1.2E-15	8.0E-09		7.3E-09		6.4E-06	2.7E-04	8.0E-07	8.8E-05	1.1E-05	
Perylene				5.6E-16	2.6E-14	2.0E-08	8.7E-07	2.5E-09	2.9E-07	2.8E-17	2.8E-15
Phenanthrene	1.3E-14					1.5E-06	6.2E-05	1.9E-07	2.1E-05		
Pyrene	8.7E-15	7.1E-15	1.5E-13	6.5E-15	2.7E-13	3.1E-07	1.3E-05	3.9E-08	4.3E-06	1.8E-13	1.6E-11
Particulate											
Particulate Total Suspended Particulate				1.3E-10	5.2E-09	1.0E-03	3.9E-02	1.3E-04	1.3E-02	6.3E-12	5.6E-10
PM<10				1.6E-10	6.8E-09	1.3E-03	5.2E-02	1.7E-04	1.7E-02	8.0E-12	7.3E-10
PM<2.5				1.4E-10	5.7E-09	1.1E-03	4.5E-02	1.4E-04	1.5E-02	6.7E-12	6.2E-10
PCBs											
Dichlorobiphenyl	2.6E-16	1.5E-17	3.0E-16	1.3E-17	5.1E-16	4.0E-09	1.6E-07	5.0E-10	5.4E-08	1.2E-15	1.0E-13
Heptachlorobiphenyl	9.8E-18	1.7E-18	3.3E-17	1.5E-18	5.7E-17	5.4E-11	2.2E-09	6.8E-12	7.3E-10	7.4E-17	6.3E-15
Hexachlorobiphenyl	4.0E-17	7.8E-18	1.4E-16	6.6E-18	2.4E-16	2.3E-10	8.9E-09	2.9E-11	3.0E-09	3.4E-16	2.7E-14
Monochlorobiphenyl	1.8E-15	1.1E-16	2.1E-15	8.9E-17	3.5E-15	2.8E-08	1.1E-06	3.5E-09	3.8E-07	8.3E-15	7.3E-13
Nonachlorobiphenyl	1.2E-18	3.1E-19	4.8E-18	2.6E-19	8.0E-18	7.7E-12	2.7E-10	9.6E-13	9.1E-11	1.3E-17	9.0E-16
Octachlorobiphenyl	2.9E-18	5.6E-19	1.0E-17	4.7E-19	1.7E-17	1.7E-11	6.5E-10	2.1E-12	2.2E-10	2.4E-17	1.9E-15
Pentachlorobiphenyl	1.3E-16	2.8E-17	4.8E-16	2.4E-17	8.2E-16	7.8E-10	3.0E-08	9.8E-11	9.9E-09	1.2E-15	9.1E-14
Tetrachlorobiphenyl	7.7E-17	5.8E-18	9.8E-17	4.9E-18	1.7E-16	1.3E-09	4.8E-08	1.6E-10	1.6E-08	4.6E-16	3.4E-14
Trichlorobiphenyl	1.0E-16	7.0E-18	1.2E-16	5.9E-18	2.1E-16	1.6E-09	6.3E-08	2.0E-10	2.1E-08	5.5E-16	4.3E-14
Pesticides											

Table H-99 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
DDE				2.8E-08						8.7E-07	
Dieldrin		2.6E-09		3.1E-09						1.5E-10	
SVOCs											
1,2,4-trichlorobenzene						1.2E-08	3.7E-07	1.4E-09	1.2E-07		
1,2-dichlorobenzene	1.2E-19					4.7E-09	8.3E-08	5.8E-10	2.8E-08		
1,3-Butadiene						1.2E-03					
1,3-dichlorobenzene	3.0E-19					7.0E-09	2.4E-07	8.7E-10	7.9E-08		
1,4-dichlorobenzene	4.0E-18					6.5E-08	2.9E-06	8.1E-09	9.7E-07		
2,4-Dimethylphenol	1.1E-16					1.0E-06	4.1E-05	1.3E-07	1.4E-05		
2-Chlorophenol	5.5E-18					2.0E-07	8.8E-06	2.5E-08	2.9E-06		
2-Methylphenol	2.3E-15					2.4E-06	1.0E-04	3.0E-07	3.3E-05		
2-Nitrophenol	1.4E-17					3.2E-07	1.3E-05	4.0E-08	4.5E-06		
3-Methylphenol & 4-Methylphenol				1.6E-13	6.5E-12	4.3E-06	1.8E-04	5.4E-07	6.0E-05	7.7E-15	7.1E-13
4-Nitrophenol	2.8E-17					5.4E-07	2.1E-05	6.7E-08	6.9E-06		
Acetophenone	1.7E-16					5.1E-06	2.1E-04	6.4E-07	7.0E-05		
Benzoic acid	6.8E-16					2.3E-05	9.6E-04	2.9E-06	3.2E-04		
Benzyl alcohol	4.2E-19					1.9E-07	5.8E-06	2.4E-08	1.9E-06		
bis(2-Ethylhexyl) phthalate	2.1E-14	2.9E-13	5.2E-12	3.4E-13	1.2E-11	8.1E-06	3.2E-04	1.0E-06	1.1E-04	1.7E-14	1.3E-12
Butyl benzyl phthalate	7.5E-15	1.4E-16	2.8E-15	1.6E-16	6.7E-15	2.6E-07	1.1E-05	3.2E-08	3.5E-06	8.1E-18	7.3E-16
Carbazole				6.0E-16	1.1E-14	7.2E-09	1.3E-07	9.0E-10	4.3E-08	2.9E-17	1.2E-15
Dibenzofuran		6.2E-18	1.2E-16	2.4E-17	9.7E-16	4.1E-07	1.7E-05	5.1E-08	5.6E-06	1.0E-14	9.1E-13
Dimethyl phthalate	2.8E-18					1.4E-08	2.5E-07	1.8E-09	8.5E-08		
Di-n-butyl phthalate	7.2E-14	1.4E-16	2.9E-15	1.6E-16	6.8E-15	3.9E-07	1.6E-05	4.9E-08	5.4E-06	8.1E-18	7.3E-16
Di-n-octyl phthalate	5.4E-19	4.0E-16	3.7E-15	4.7E-16	8.8E-15	2.8E-08	4.9E-07	3.4E-09	1.6E-07	2.3E-17	9.5E-16

Table H-99 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	2.9E-16					1.9E-06	3.4E-05	2.4E-07	1.1E-05		
Isopropanol						1.4E-01					
Phenol	6.3E-15					1.3E-05	5.3E-04	1.6E-06	1.8E-04		
Pyridine	3.3E-16					1.2E-06	5.1E-05	1.5E-07	1.7E-05		
TRS											
Total Reduced Sulfur						1.2E-05	5.4E-04	1.6E-06	1.8E-04		
VOCs											
1,1,1,2-Tetrachloroethane	1.2E-19					5.8E-09	2.0E-07	7.2E-10	6.5E-08		
1,1,1-Trichloroethane	7.5E-21					5.7E-09	2.1E-07	7.1E-10	7.1E-08		
1,1-Dichloroethene	2.6E-22					1.1E-09	2.0E-08	1.4E-10	6.6E-09		
1,2,3-Trichlorobenzene	8.0E-18					2.3E-08	8.5E-07	2.9E-09	2.8E-07		
1,2,3-Trichloropropane	4.6E-20					4.6E-09	8.3E-08	5.8E-10	2.8E-08		
1,2,4-Trimethylbenzene						2.7E-07	8.5E-06	3.3E-08	2.8E-06		
1,2-Dibromoethane	1.6E-20					3.0E-09	5.3E-08	3.7E-10	1.8E-08		
1,2-Dichloroethane	5.0E-19					1.2E-07	4.5E-06	4.3E-05	1.5E-06		
1,3,5-Trimethylbenzene	2.6E-18					2.5E-07	7.5E-06	3.1E-08	2.5E-06		
1,3-Dichloropropane						2.9E-09	5.1E-08	3.6E-10	1.7E-08		
2-Butanone	1.0E-16					1.4E-06	5.6E-05	1.8E-07	1.9E-05		
2-Chlorotoluene						6.3E-08	2.6E-06	7.9E-09	8.7E-07		
2-Hexanone						2.9E-07	1.1E-05	3.6E-08	3.5E-06		
Benzene	8.5E-17					4.7E-03	1.5E-03	4.2E-04	4.9E-04		
Bromobenzene						1.6E-06	2.8E-05	2.0E-07	9.5E-06		
Bromochloromethane						3.8E-09	6.7E-08	4.7E-10	2.2E-08		
Bromodichloromethane	1.3E-20					4.1E-09	7.3E-08	5.1E-10	2.4E-08		

Table H-99 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromomethane	5.7E-20					1.6E-07	4.9E-06	2.0E-08	1.6E-06		
Carbon disulfide	5.4E-20					1.4E-07	4.2E-06	1.8E-08	1.4E-06		
Carbon tetrachloride	5.8E-21					6.0E-03	1.7E-07	6.6E-04	5.6E-08		
Chlorobenzene	2.0E-18					2.1E-07	7.4E-06	2.6E-08	2.5E-06		
Chlorodibromomethane	7.8E-19					1.0E-07	1.8E-06	1.3E-08	6.0E-07		
Chloroethane	1.6E-19					3.9E-07	1.4E-05	4.9E-08	4.5E-06		
Chloroform	1.2E-19					1.4E-03	1.6E-06	1.0E-04	5.5E-07		
Chloromethane	4.2E-19					1.3E-06	4.0E-05	1.7E-07	1.3E-05		
cis-1,2-Dichloroethene	1.6E-19					1.7E-07	3.0E-06	2.1E-08	1.0E-06		
cis-1,3-Dichloropropene						1.0E-09	1.9E-08	1.3E-10	6.2E-09		
Dibromomethane	1.8E-20					8.7E-09	1.6E-07	1.1E-09	5.2E-08		
Dichlorodifluoromethane	2.0E-22					1.1E-08	1.9E-07	1.3E-09	6.3E-08		
Ethylbenzene	6.4E-17					2.3E-03	3.2E-04	1.0E-06	1.1E-04		
Isopropylbenzene	8.4E-20					6.8E-07	2.3E-05	8.4E-08	7.7E-06		
m&p-Xylene	1.0E-17					1.6E-06	5.3E-05	2.0E-07	1.8E-05		
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19					1.5E-08	2.7E-07	1.9E-09	9.1E-08		
Methylene chloride	1.1E-18					7.7E-07	2.8E-05	9.7E-08	9.5E-06		
n-Butylbenzene						3.3E-07	9.9E-06	4.2E-08	3.3E-06		
n-Propylbenzene						4.0E-07	1.3E-05	5.0E-08	4.4E-06		
o-Xylene	1.2E-17					9.8E-07	3.3E-05	1.2E-07	1.1E-05		
p-Chlorotoluene						2.4E-08	7.2E-07	3.0E-09	2.4E-07		
p-Isopropyltoluene						1.6E-07	3.9E-06	2.1E-08	1.3E-06		
sec-Butylbenzene						6.1E-08	1.9E-06	7.6E-09	6.2E-07		
Styrene	4.0E-16					2.2E-05	8.0E-04	2.7E-06	2.7E-04		

Table H-99 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						2.0E-06	3.5E-05	2.4E-07	1.2E-05		
Tetrachloroethene	2.8E-20					5.2E-09	1.8E-07	6.5E-10	6.0E-08		
Toluene	6.7E-17					1.4E-05	5.3E-04	1.7E-06	1.8E-04		
trans-1,2-Dichloroethene	2.5E-18					3.6E-06	6.5E-05	4.5E-07	2.2E-05		
trans-1,3-Dichloropropene						1.8E-09	3.2E-08	2.3E-10	1.1E-08		
Trichloroethene	2.9E-22					1.6E-03	5.6E-09	3.9E-11	1.9E-09		
Trichlorofluoromethane	4.5E-22					3.7E-09	6.7E-08	4.7E-10	2.2E-08		
Vinyl chloride	2.1E-20					1.3E-04	5.2E-06	2.7E-08	1.7E-06		

Table H-100 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	3.0E-05	1.0E-07	9.9E-06		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	5.2E-05	1.8E-07	1.7E-05		
Formaldehyde	4.5E-13					6.2E-07	2.0E-05	7.7E-08	6.8E-06		
Propionaldehyde				2.2E-15	7.2E-14	1.6E-07	5.8E-06	2.0E-08	1.9E-06	1.7E-14	1.2E-12
CO											
Carbon monoxide						4.5E-05	1.7E-03	5.6E-06	5.6E-04		
CO2											
Carbon dioxide						1.4E-06	5.0E-05	1.8E-07	1.7E-05		
Criteria											
Sulfur Dioxide						3.8E-07	1.2E-05	4.7E-08	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	2.6E-14	5.5E-15	2.1E-13	8.5E-13	3.4E-11	1.1E-13	1.1E-11	2.7E-19	2.2E-17
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.6E-14	5.5E-15	2.1E-13	8.6E-13	3.4E-11	1.1E-13	1.1E-11	2.7E-19	2.2E-17
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	3.1E-15	6.4E-16	2.5E-14	1.1E-13	4.4E-12	1.4E-14	1.5E-12	3.1E-20	2.7E-18
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	3.0E-15	6.2E-16	2.4E-14	1.0E-13	4.1E-12	1.3E-14	1.4E-12	3.1E-20	2.6E-18
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	2.4E-14	4.9E-15	1.9E-13	8.3E-13	3.3E-11	1.0E-13	1.1E-11	2.4E-19	2.1E-17
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	6.2E-15	1.3E-15	4.9E-14	2.1E-13	8.7E-12	2.7E-14	2.9E-12	6.2E-20	5.3E-18
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	8.0E-15	1.6E-15	6.3E-14	2.7E-13	1.1E-11	3.4E-14	3.6E-12	7.9E-20	6.8E-18
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	9.8E-15	2.0E-15	7.7E-14	3.2E-13	1.3E-11	4.1E-14	4.4E-12	9.8E-20	8.3E-18
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	5.8E-16	1.2E-16	4.5E-15	2.1E-14	8.4E-13	2.6E-15	2.8E-13	5.7E-21	4.9E-19
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	3.5E-15	7.0E-16	2.8E-14	1.3E-13	5.3E-12	1.6E-14	1.8E-12	3.5E-20	3.0E-18
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	4.1E-15	8.3E-16	3.3E-14	1.8E-13	7.5E-12	2.3E-14	2.5E-12	4.0E-20	3.5E-18

Table H-100 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	1.2E-14	2.5E-15	9.5E-14	4.2E-13	1.7E-11	5.2E-14	5.6E-12	1.2E-19	1.0E-17
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	9.9E-15	2.0E-15	7.8E-14	4.1E-13	1.7E-11	5.2E-14	5.6E-12	9.7E-20	8.4E-18
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.2E-16	1.4E-16	4.1E-15	5.2E-14	1.7E-12	6.5E-15	5.8E-13	4.9E-18	3.1E-16
2,3,7,8-TCDF	8.0E-18	6.6E-17	1.3E-15	2.6E-16	1.0E-14	1.9E-13	7.8E-12	2.4E-14	2.6E-12	1.3E-20	1.1E-18
OCDD	1.8E-20	9.4E-16	1.7E-14	3.7E-15	1.4E-13	5.6E-13	2.2E-11	7.0E-14	7.4E-12	1.8E-19	1.5E-17
OCDF	6.7E-21	3.6E-16	6.5E-15	1.4E-15	5.1E-14	2.1E-13	8.2E-12	2.6E-14	2.7E-12	7.0E-20	5.5E-18
HCN											
Hydrogen cyanide						1.6E-07	6.2E-06	2.0E-08	2.1E-06		
Metals											
Aluminum				9.4E-03						4.6E-07	
Antimony	1.6E-17			4.3E-07		1.0E-08	2.6E-07	1.3E-09	8.6E-08	2.1E-11	
Arsenic	8.1E-16	2.0E-07	4.8E-17	4.6E-07	2.3E-16	5.9E-10	2.1E-08	7.4E-11	7.0E-09	3.8E-11	4.1E-20
Barium	2.3E-12			3.1E-09	1.1E-07	1.3E-07	3.4E-06	1.6E-08	1.1E-06	1.5E-13	1.2E-11
Beryllium	3.3E-17			1.0E-15	3.9E-14	4.3E-11	1.5E-09	5.4E-12	4.8E-10	5.1E-20	4.3E-18
Cadmium	8.3E-15			8.2E-16	3.1E-14	7.6E-10	2.6E-08	9.5E-11	8.8E-09	4.0E-20	3.4E-18
Chromium	2.6E-15			8.3E-11	3.2E-09	6.5E-09	2.3E-07	8.1E-10	7.7E-08	4.1E-15	3.5E-13
Cobalt				1.8E-05	1.0E-08	9.8E-09	1.8E-07	1.2E-09	6.0E-08	8.8E-10	1.1E-12
Copper				3.4E-10	1.3E-08	1.8E-08	6.1E-07	2.2E-09	2.0E-07	1.6E-14	1.4E-12
Iron				1.7E-02						8.4E-07	
Lead	6.9E-18			8.6E-05	3.8E-12	6.0E-09	2.0E-07	7.5E-10	6.5E-08	4.2E-09	4.1E-16
Manganese				8.0E-13	3.1E-11	5.5E-09	1.9E-07	6.8E-10	6.3E-08	3.9E-17	3.3E-15
Mercury (+2)				3.4E-14	1.1E-12	2.4E-11	8.3E-10	2.9E-12	2.8E-10	1.7E-18	1.1E-16
Mercury, elemental				2.3E-08		9.8E-14	3.5E-12	1.2E-14	1.2E-12	4.3E-08	
Methyl Mercury	8.7E-15			2.0E-15	7.9E-14					1.0E-19	8.5E-18

Table H-100 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			4.0E-04	1.6E-13	3.5E-09	1.2E-07	4.3E-10	4.0E-08	2.0E-08	1.7E-17
Phosphorus				7.5E-15	2.8E-13	2.6E-08	8.6E-07	3.3E-09	2.9E-07	7.2E-14	5.9E-12
Selenium	2.8E-16			4.0E-17	1.6E-15	1.7E-10	6.1E-09	2.2E-11	2.0E-09	2.0E-21	1.7E-19
Silver	2.1E-16			8.4E-13	3.1E-11	1.1E-10	3.7E-09	1.4E-11	1.2E-09	4.1E-17	3.4E-15
Titanium				8.0E-15	3.2E-13	6.1E-11	2.3E-09	7.6E-12	7.6E-10	3.9E-19	3.5E-17
Zinc	4.1E-12			1.8E-13	6.5E-12	1.4E-07	3.9E-06	1.7E-08	1.3E-06	9.0E-18	7.0E-16
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	5.2E-05	2.0E-07	1.7E-05		
PAHs											
1-Methylnaphthalene		2.4E-16	4.9E-15	2.2E-16	8.9E-15	3.3E-08	1.4E-06	4.1E-09	4.6E-07	2.5E-16	2.2E-14
1-Methylphenanthrene				1.5E-13	6.0E-12	3.9E-09	1.7E-07	4.9E-10	5.5E-08	7.1E-18	6.5E-16
2,3,5-Trimethylnaphthalene				6.8E-14	3.0E-12	1.9E-09	8.4E-08	2.4E-10	2.8E-08	3.3E-18	3.2E-16
2,6-Dimethylnaphthalene				1.9E-13	7.9E-12	5.1E-09	2.2E-07	6.4E-10	7.3E-08	9.1E-18	8.5E-16
2-Methylnaphthalene		2.3E-16	4.7E-15	2.1E-16	8.6E-15	3.2E-08	1.3E-06	4.0E-09	4.4E-07	2.4E-16	2.2E-14
Acenaphthylene				6.0E-13	2.5E-11	1.9E-08	8.0E-07	2.4E-09	2.7E-07	2.9E-17	2.7E-15
Acenaphthene	3.4E-15					3.5E-09	1.4E-07	4.3E-10	4.8E-08		
Anthracene	4.3E-14					6.1E-09	2.6E-07	7.6E-10	8.6E-08		
Benzo(a)anthracene	6.2E-12	9.0E-06	4.4E-11	8.1E-06	8.0E-11	3.0E-09	1.3E-07	3.7E-10	4.3E-08	1.2E-07	2.7E-12
Benzo(a)pyrene	3.1E-12	7.5E-06	1.8E-11	6.8E-06	3.3E-11	1.2E-09	4.9E-08	1.5E-10	1.6E-08	3.4E-10	3.6E-15
Benzo(b)fluoranthene	8.3E-13	1.2E-05	1.0E-12	1.1E-05	1.8E-12	1.3E-09	5.3E-08	1.6E-10	1.8E-08	5.5E-10	2.0E-16
Benzo(e)pyrene				3.4E-14	1.3E-12	1.0E-09	4.1E-08	1.3E-10	1.4E-08	1.7E-18	1.4E-16
Benzo(g,h,i)perylene				2.5E-14	1.0E-12	7.7E-10	3.2E-08	9.6E-11	1.1E-08	1.2E-18	1.1E-16
Benzo(k)fluoranthene	7.4E-15	6.6E-06	6.4E-13	6.0E-06	1.2E-12	1.2E-11	2.1E-10	1.5E-12	6.9E-11	2.9E-10	1.3E-16
Biphenyl				3.3E-15	1.4E-13	1.1E-07	4.7E-06	1.4E-08	1.6E-06	2.0E-15	1.8E-13

Table H-100 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	1.1E-12	9.4E-06	5.5E-11	8.6E-06	9.9E-11	5.1E-09	2.1E-07	6.4E-10	7.1E-08	4.2E-10	1.1E-14
Dibenze(a,h)anthracene	1.6E-13	1.5E-06	6.7E-12	1.3E-06	1.2E-11	1.9E-10	7.6E-09	2.3E-11	2.5E-09	6.5E-11	1.3E-15
Fluoranthene	2.8E-13	6.7E-14	1.4E-12	6.1E-14	2.5E-12	7.5E-09	3.1E-07	9.4E-10	1.0E-07	3.0E-18	2.7E-16
Fluorene	6.1E-14					1.9E-08	7.9E-07	2.3E-09	2.6E-07		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.9E-06	1.8E-11	1.8E-06	3.3E-11	6.2E-10	2.5E-08	7.7E-11	8.5E-09	8.6E-11	3.6E-15
Napthalene	2.8E-14	1.9E-07		1.7E-07		1.5E-07	6.2E-06	1.9E-08	2.1E-06	2.5E-07	
Perylene				1.3E-14	6.2E-13	4.6E-10	2.0E-08	5.8E-11	6.8E-09	6.5E-19	6.6E-17
Phenanthrene	2.9E-13					3.5E-08	1.5E-06	4.4E-09	4.8E-07		
Pyrene	2.0E-13	2.5E-13	5.1E-12	2.3E-13	9.3E-12	7.3E-09	3.0E-07	9.1E-10	1.0E-07	6.4E-15	5.8E-13
Particulate											
Particulate Total Suspended Particulate				3.0E-09	1.2E-07	2.3E-05	9.0E-04	2.9E-06	3.0E-04	1.5E-13	1.3E-11
PM<10				3.8E-09	1.6E-07	3.1E-05	1.2E-03	3.9E-06	4.0E-04	1.9E-13	1.7E-11
PM<2.5				3.2E-09	1.3E-07	2.6E-05	1.0E-03	3.3E-06	3.5E-04	1.6E-13	1.4E-11
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	1.3E-14	5.5E-16	2.2E-14	9.3E-11	3.8E-09	1.2E-11	1.3E-09	5.1E-17	4.5E-15
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.4E-15	6.3E-17	2.4E-15	1.3E-12	5.1E-11	1.6E-13	1.7E-11	3.2E-18	2.7E-16
Hexachlorobiphenyl	9.3E-16	3.4E-16	6.1E-15	2.9E-16	1.0E-14	5.3E-12	2.1E-10	6.7E-13	6.9E-11	1.5E-17	1.1E-15
Monochlorobiphenyl	4.3E-14	4.5E-15	9.0E-14	3.8E-15	1.5E-13	6.5E-10	2.7E-08	8.1E-11	8.9E-09	3.5E-16	3.1E-14
Nonachlorobiphenyl	2.9E-17	1.3E-17	2.1E-16	1.1E-17	3.5E-16	1.8E-13	6.4E-12	2.2E-14	2.1E-12	5.7E-19	3.9E-17
Octachlorobiphenyl	6.8E-17	2.4E-17	4.4E-16	2.0E-17	7.5E-16	3.9E-13	1.5E-11	4.9E-14	5.1E-12	1.0E-18	8.4E-17
Pentachlorobiphenyl	3.1E-15	1.2E-15	2.1E-14	1.0E-15	3.5E-14	1.8E-11	6.9E-10	2.3E-12	2.3E-10	5.2E-17	3.9E-15
Tetrachlorobiphenyl	1.8E-15	2.5E-16	4.2E-15	2.1E-16	7.1E-15	3.0E-11	1.1E-09	3.8E-12	3.8E-10	2.0E-17	1.5E-15
Trichlorobiphenyl	2.4E-15	3.0E-16	5.3E-15	2.5E-16	9.0E-15	3.8E-11	1.5E-09	4.8E-12	4.9E-10	2.3E-17	1.8E-15
Pesticides											

Table H-100 (Average Daily Dose)

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Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
DDE				6.4E-07						2.0E-08	
Dieldrin		6.2E-08		7.3E-08						3.6E-12	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	8.7E-09	3.4E-11	2.9E-09		
1,2-dichlorobenzene	2.8E-18					1.1E-10	1.9E-09	1.4E-11	6.5E-10		
1,3-Butadiene						2.7E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	5.5E-09	2.0E-11	1.8E-09		
1,4-dichlorobenzene	9.2E-17					1.5E-09	6.8E-08	1.9E-10	2.3E-08		
2,4-Dimethylphenol	2.5E-15					2.4E-08	9.5E-07	3.0E-09	3.2E-07		
2-Chlorophenol	1.3E-16					4.7E-09	2.1E-07	5.9E-10	6.9E-08		
2-Methylphenol	5.3E-14					5.6E-08	2.3E-06	7.0E-09	7.8E-07		
2-Nitrophenol	3.2E-16					7.6E-09	3.1E-07	9.4E-10	1.0E-07		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.5E-10	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.8E-16	1.7E-14
4-Nitrophenol	6.5E-16					1.3E-08	4.8E-07	1.6E-09	1.6E-07		
Acetophenone	3.9E-15					1.2E-07	4.9E-06	1.5E-08	1.6E-06		
Benzoic acid	1.6E-14					5.4E-07	2.2E-05	6.7E-08	7.5E-06		
Benzyl alcohol	9.8E-18					4.5E-09	1.4E-07	5.6E-10	4.5E-08		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	1.2E-10	8.0E-12	2.9E-10	1.9E-07	7.4E-06	2.4E-08	2.5E-06	3.9E-16	3.1E-14
Butyl benzyl phthalate	1.8E-13	3.3E-15	6.6E-14	3.8E-15	1.6E-13	6.0E-09	2.5E-07	7.5E-10	8.3E-08	1.9E-19	1.7E-17
Carbazole				1.4E-14	2.6E-13	1.7E-10	3.0E-09	2.1E-11	1.0E-09	6.9E-19	2.8E-17
Dibenzofuran		1.4E-16	2.9E-15	5.7E-16	2.3E-14	9.5E-09	3.9E-07	1.2E-09	1.3E-07	2.4E-16	2.1E-14
Dimethyl phthalate	6.5E-17					3.3E-10	5.9E-09	4.2E-11	2.0E-09		
Di-n-butyl phthalate	1.7E-12	3.3E-15	6.7E-14	3.9E-15	1.6E-13	9.2E-09	3.8E-07	1.1E-09	1.3E-07	1.9E-19	1.7E-17
Di-n-octyl phthalate	1.3E-17	9.4E-15	8.7E-14	1.1E-14	2.1E-13	6.4E-10	1.1E-08	8.0E-11	3.8E-09	5.5E-19	2.2E-17

Table H-100 (Average Daily Dose)

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Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	7.9E-07	5.5E-09	2.6E-07		
Isopropanol						3.2E-03					
Phenol	1.5E-13					3.0E-07	1.2E-05	3.8E-08	4.2E-06		
Pyridine	7.7E-15					2.9E-08	1.2E-06	3.6E-09	4.0E-07		
TRS											
Total Reduced Sulfur						2.9E-07	1.3E-05	3.6E-08	4.2E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	4.6E-09	1.7E-11	1.5E-09		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	5.0E-09	1.7E-11	1.7E-09		
1,1-Dichloroethene	6.0E-21					2.6E-11	4.6E-10	3.2E-12	1.5E-10		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	2.0E-08	6.7E-11	6.6E-09		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	1.9E-09	1.4E-11	6.4E-10		
1,2,4-Trimethylbenzene						6.2E-09	2.0E-07	7.8E-10	6.6E-08		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.2E-09	8.6E-12	4.1E-10		
1,2-Dichloroethane	1.2E-17					2.8E-09	1.0E-07	1.0E-06	3.5E-08		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.7E-07	7.3E-10	5.8E-08		
1,3-Dichloropropane						6.7E-11	1.2E-09	8.4E-12	4.0E-10		
2-Butanone	2.4E-15					3.3E-08	1.3E-06	4.1E-09	4.4E-07		
2-Chlorotoluene						1.5E-09	6.1E-08	1.8E-10	2.0E-08		
2-Hexanone						6.8E-09	2.5E-07	8.4E-10	8.2E-08		
Benzene	2.0E-15					1.1E-04	3.4E-05	9.7E-06	1.1E-05		
Bromobenzene						3.7E-08	6.6E-07	4.7E-09	2.2E-07		
Bromochloromethane						8.8E-11	1.6E-09	1.1E-11	5.2E-10		
Bromodichloromethane	3.1E-19					9.5E-11	1.7E-09	1.2E-11	5.7E-10		

Table H-100 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	1.1E-07	4.8E-10	3.8E-08		
Carbon disulfide	1.3E-18					3.3E-09	9.8E-08	4.2E-10	3.3E-08		
Carbon tetrachloride	1.3E-19					1.4E-04	3.9E-09	1.5E-05	1.3E-09		
Chlorobenzene	4.7E-17					4.8E-09	1.7E-07	6.0E-10	5.7E-08		
Chlorodibromomethane	1.8E-17					2.4E-09	4.2E-08	3.0E-10	1.4E-08		
Chloroethane	3.7E-18					9.1E-09	3.2E-07	1.1E-09	1.1E-07		
Chloroform	2.8E-18					3.2E-05	3.8E-08	2.4E-06	1.3E-08		
Chloromethane	9.8E-18					3.1E-08	9.4E-07	3.9E-09	3.1E-07		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	7.1E-08	5.0E-10	2.4E-08		
cis-1,3-Dichloropropene						2.4E-11	4.3E-10	3.0E-12	1.4E-10		
Dibromomethane	4.2E-19					2.0E-10	3.6E-09	2.5E-11	1.2E-09		
Dichlorodifluoromethane	4.7E-21					2.5E-10	4.4E-09	3.1E-11	1.5E-09		
Ethylbenzene	1.5E-15					5.3E-05	7.4E-06	2.4E-08	2.5E-06		
Isopropylbenzene	2.0E-18					1.6E-08	5.4E-07	2.0E-09	1.8E-07		
m&p-Xylene	2.4E-16					3.6E-08	1.2E-06	4.6E-09	4.1E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	6.4E-09	4.5E-11	2.1E-09		
Methylene chloride	2.6E-17					1.8E-08	6.6E-07	2.3E-09	2.2E-07		
n-Butylbenzene						7.8E-09	2.3E-07	9.7E-10	7.7E-08		
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07		
o-Xylene	2.8E-16					2.3E-08	7.6E-07	2.9E-09	2.5E-07		
p-Chlorotoluene						5.5E-10	1.7E-08	6.9E-11	5.6E-09		
p-Isopropyltoluene						3.8E-09	9.2E-08	4.8E-10	3.1E-08		
sec-Butylbenzene						1.4E-09	4.3E-08	1.8E-10	1.4E-08		
Styrene	9.4E-15					5.1E-07	1.9E-05	6.4E-08	6.2E-06		

Table H-100 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)
tert-Butylbenzene						4.6E-08	8.1E-07	5.7E-09	2.7E-07			
Tetrachloroethene	6.6E-19					1.2E-10	4.2E-09	1.5E-11	1.4E-09			
Toluene	1.6E-15					3.2E-07	1.2E-05	3.9E-08	4.1E-06			
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	1.5E-06	1.1E-08	5.0E-07			
trans-1,3-Dichloropropene						4.2E-11	7.5E-10	5.3E-12	2.5E-10			
Trichloroethene	6.8E-21					3.7E-05	1.3E-10	9.1E-13	4.3E-11			
Trichlorofluoromethane	1.0E-20					8.7E-11	1.6E-09	1.1E-11	5.2E-10			
Vinyl chloride	4.8E-19					3.0E-06	1.2E-07	6.2E-10	4.0E-08			

Table H-101 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			3.6E-05	4.5E-06	
Aldehydes					
Acetaldehyde			6.2E-05	7.8E-06	
Formaldehyde			2.6E-05	3.3E-06	
Propionaldehyde		9.6E-17	6.8E-06	8.5E-07	7.2E-13
CO					
Carbon monoxide			1.9E-03	2.4E-04	
CO2					
Carbon dioxide			6.0E-05	7.5E-06	
Criteria					
Sulfur Dioxide			1.6E-05	2.0E-06	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	3.2E-17	1.3E-16	3.6E-11	4.5E-12	6.2E-18
1,2,3,4,6,7,8-HpCDF	3.3E-17	1.3E-16	3.7E-11	4.6E-12	6.3E-18
1,2,3,4,7,8,9-HpCDF	3.7E-18	1.5E-17	4.7E-12	5.8E-13	7.2E-19
1,2,3,4,7,8-HxCDD	3.7E-18	1.4E-17	4.4E-12	5.4E-13	7.1E-19
1,2,3,4,7,8-HxCDF	2.9E-17	1.1E-16	3.5E-11	4.4E-12	5.6E-18
1,2,3,6,7,8-HxCDD	7.5E-18	2.9E-17	9.2E-12	1.1E-12	1.4E-18
1,2,3,6,7,8-HxCDF	9.5E-18	3.7E-17	1.1E-11	1.4E-12	1.8E-18
1,2,3,7,8,9-HxCDD	1.2E-17	4.6E-17	1.4E-11	1.7E-12	2.3E-18
1,2,3,7,8,9-HxCDF	6.8E-19	2.7E-18	8.8E-13	1.1E-13	1.3E-19

Table H-101 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	4.1E-18	1.6E-17	5.5E-12	6.9E-13	8.0E-19
1,2,3,7,8-PeCDF	4.9E-18	1.9E-17	7.9E-12	9.9E-13	9.4E-19
2,3,4,6,7,8-HxCDF	1.5E-17	5.9E-17	1.8E-11	2.2E-12	2.9E-18
2,3,4,7,8-PeCDF	1.2E-17	4.6E-17	1.8E-11	2.2E-12	2.2E-18
2,3,7,8-TCDD	8.5E-19	3.4E-18	2.2E-12	2.8E-13	1.1E-16
2,3,7,8-TCDF	1.5E-18	6.1E-18	8.2E-12	1.0E-12	3.0E-19
OCDD	2.2E-17	8.6E-17	2.4E-11	3.0E-12	4.2E-18
OCDF	8.4E-18	3.3E-17	9.1E-12	1.1E-12	1.6E-18
HCN					
Hydrogen cyanide			6.8E-06	8.5E-07	
Metals					
Aluminum		4.6E-04			2.3E-05
Antimony		1.1E-08	4.5E-07	5.6E-08	5.4E-10
Arsenic	2.6E-08	6.1E-08	2.5E-08	3.2E-09	4.9E-09
Barium		7.6E-11	5.4E-06	6.7E-07	3.7E-12
Beryllium		4.5E-17	1.8E-09	2.3E-10	2.2E-18
Cadmium		3.5E-17	3.2E-08	4.1E-09	1.7E-18
Chromium		2.3E-12	2.8E-07	3.5E-08	1.1E-13
Cobalt		1.3E-06	4.2E-07	5.3E-08	6.6E-08
Copper		8.3E-12	7.6E-07	9.5E-08	4.1E-13
Iron		1.1E-03			5.3E-05
Lead		3.9E-06	2.6E-07	3.2E-08	1.9E-07

Table H-101 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		3.4E-14	2.3E-07	2.9E-08	1.7E-15
Mercury (+2)		7.3E-16	1.0E-09	1.3E-10	3.6E-17
Mercury, elemental		4.2E-08	4.2E-12	5.3E-13	8.1E-05
Methyl Mercury		4.4E-17			2.1E-18
Nickel		2.5E-05	1.5E-07	1.9E-08	1.2E-06
Phosphorus		3.2E-16	1.1E-06	1.4E-07	3.1E-12
Selenium		1.7E-18	7.5E-09	9.3E-10	8.5E-20
Silver		2.8E-14	4.9E-09	6.1E-10	1.4E-15
Thallium (Soluble Salts)		1.1E-08			5.6E-10
Titanium		3.4E-16	2.6E-09	3.3E-10	1.7E-17
Zinc		7.9E-15	5.9E-06	7.3E-07	3.9E-16
NOx					
NOx (Oxides of Nitrogen)			6.7E-05	8.4E-06	
PAHs					
1-Methylnaphthalene	1.0E-17	9.3E-18	1.4E-06	1.8E-07	1.1E-14
1-Methylphenanthrene		6.2E-15	1.7E-07	2.1E-08	3.0E-16
2,3,5-Trimethylnaphthalene		2.9E-15	8.4E-08	1.0E-08	1.4E-16
2,6-Dimethylnaphthalene		7.9E-15	2.2E-07	2.8E-08	3.9E-16
2-Methylnaphthalene	9.9E-18	9.0E-18	1.4E-06	1.7E-07	1.0E-14
Acenaphthylene		2.6E-14	8.1E-07	1.0E-07	1.3E-15
Acenaphthene			1.5E-07	1.9E-08	
Anthracene			2.6E-07	3.2E-08	

Table H-101 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
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Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)anthracene	3.8E-09	3.5E-09	1.3E-07	1.6E-08	5.3E-08
Benzo(a)pyrene	3.6E-09	3.3E-09	5.0E-08	6.3E-09	1.6E-10
Benzo(b)fluoranthene	5.6E-09	5.1E-09	5.6E-08	7.0E-09	2.5E-10
Benzo(e)pyrene		1.5E-15	4.3E-08	5.4E-09	7.2E-17
Benzo(g,h,i)perylene		1.1E-15	3.3E-08	4.1E-09	5.3E-17
Benzo(k)fluoranthene	3.0E-09	2.8E-09	5.0E-10	6.2E-11	1.3E-10
Biphenyl		1.4E-16	4.8E-06	6.0E-07	8.4E-14
Chrysene	4.8E-09	4.4E-09	2.2E-07	2.7E-08	2.2E-10
Dibenzo(a,h)anthracene	8.5E-10	7.7E-10	8.0E-09	9.9E-10	3.8E-11
Fluoranthene	2.6E-15	2.3E-15	3.2E-07	4.0E-08	1.1E-16
Fluorene			8.0E-07	1.0E-07	
Indeno(1,2,3-cd)pyrene	2.4E-09	2.2E-09	2.6E-08	3.3E-09	1.1E-10
Napthalene			6.4E-06	8.0E-07	
Perylene		5.6E-16	2.0E-08	2.5E-09	2.8E-17
Phenanthrene			1.5E-06	1.9E-07	
Pyrene	7.1E-15	6.5E-15	3.1E-07	3.9E-08	1.8E-13
Particulate					
Particulate Total Suspended Particulate		1.3E-10	1.0E-03	1.3E-04	6.3E-12
PM<10		1.6E-10	1.3E-03	1.7E-04	8.0E-12
PM<2.5		1.4E-10	1.1E-03	1.4E-04	6.7E-12
PCBs					
Dichlorobiphenyl	1.5E-17	1.3E-17	4.0E-09	5.0E-10	1.2E-15

Table H-101 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Heptachlorobiphenyl	1.7E-18	1.5E-18	5.4E-11	6.8E-12	7.4E-17
Hexachlorobiphenyl	7.8E-18	6.6E-18	2.3E-10	2.9E-11	3.4E-16
Monochlorobiphenyl	1.1E-16	8.9E-17	2.8E-08	3.5E-09	8.3E-15
Nonachlorobiphenyl	3.1E-19	2.6E-19	7.7E-12	9.6E-13	1.3E-17
Octachlorobiphenyl	5.6E-19	4.7E-19	1.7E-11	2.1E-12	2.4E-17
Pentachlorobiphenyl	2.8E-17	2.4E-17	7.8E-10	9.8E-11	1.2E-15
Tetrachlorobiphenyl	5.8E-18	4.9E-18	1.3E-09	1.6E-10	4.6E-16
Trichlorobiphenyl	7.0E-18	5.9E-18	1.6E-09	2.0E-10	5.5E-16
Pesticides					
DDE		3.9E-09			1.2E-07
Dieldrin	2.0E-11	2.4E-11			1.2E-12
SVOCs					
1,2,4-trichlorobenzene			1.2E-08	1.4E-09	
1,2-dichlorobenzene			4.7E-09	5.8E-10	
1,3-dichlorobenzene			7.0E-09	8.7E-10	
1,4-dichlorobenzene			6.5E-08	8.1E-09	
1,4-Dioxane			5.5E-03		
2,4-Dimethylphenol			1.0E-06	1.3E-07	
2-Chlorophenol			2.0E-07	2.5E-08	
2-Methylphenol			2.4E-06	3.0E-07	
2-Nitrophenol			3.2E-07	4.0E-08	
3-Methylphenol & 4-Methylphenol		1.6E-13	4.3E-06	5.4E-07	7.7E-15

Table H-101 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
4-Nitrophenol			5.4E-07	6.7E-08	
Acetophenone			5.1E-06	6.4E-07	
Benzoic acid			2.3E-05	2.9E-06	
Benzyl alcohol			1.9E-07	2.4E-08	
bis(2-Ethylhexyl) phthalate	2.9E-13	3.4E-13	8.1E-06	1.0E-06	1.7E-14
Butyl benzyl phthalate	1.4E-16	1.6E-16	2.6E-07	3.2E-08	8.1E-18
Carbazole		6.0E-16	7.2E-09	9.0E-10	2.9E-17
Dibenzofuran	6.2E-18	2.4E-17	4.1E-07	5.1E-08	1.0E-14
Dimethyl phthalate			1.4E-08	1.8E-09	
Di-n-butyl phthalate	1.4E-16	1.6E-16	3.9E-07	4.9E-08	8.1E-18
Di-n-octyl phthalate	4.0E-16	4.7E-16	2.8E-08	3.4E-09	2.3E-17
Hexachlorobutadiene			1.9E-06	2.4E-07	
Isopropanol			8.7E-02		
Phenol			1.3E-05	1.6E-06	
Pyridine			1.2E-06	1.5E-07	
TRS					
Total Reduced Sulfur			1.2E-05	1.6E-06	
VOCs					
1,1,1,2-Tetrachloroethane			5.8E-09	7.2E-10	
1,1,1-Trichloroethane			5.7E-09	7.1E-10	
1,1-Dichloroethene			1.1E-09	1.4E-10	
1,2,3-Trichlorobenzene			2.3E-08	2.9E-09	

Table H-101 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3-Trichloropropane			4.6E-09	5.8E-10	
1,2,4-Trimethylbenzene			2.7E-07	3.3E-08	
1,2-Dibromoethane			3.0E-09	3.7E-10	
1,2-Dichloroethane			1.2E-07	4.3E-05	
1,3,5-Trimethylbenzene			2.5E-07	3.1E-08	
1,3-Dichloropropane			2.9E-09	3.6E-10	
2-Butanone			1.4E-06	1.8E-07	
2-Chlorotoluene			6.3E-08	7.9E-09	
2-Hexanone			2.9E-07	3.6E-08	
Benzene			2.7E-03	4.2E-04	
Bromobenzene			1.6E-06	2.0E-07	
Bromochloromethane			3.8E-09	4.7E-10	
Bromodichloromethane			4.1E-09	5.1E-10	
Bromomethane			1.6E-07	2.0E-08	
Carbon disulfide			1.4E-07	1.8E-08	
Carbon tetrachloride			5.6E-03	6.6E-04	
Chlorobenzene			2.1E-07	2.6E-08	
Chlorodibromomethane			1.0E-07	1.3E-08	
Chloroethane			3.9E-07	4.9E-08	
Chloroform			1.9E-03	1.0E-04	
Chloromethane			1.3E-06	1.7E-07	
cis-1,2-Dichloroethene			1.7E-07	2.1E-08	

Table H-101 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
cis-1,3-Dichloropropene			1.0E-09	1.3E-10	
Dibromomethane			8.7E-09	1.1E-09	
Dichlorodifluoromethane			1.1E-08	1.3E-09	
Ethylbenzene			1.6E-03	1.0E-06	
Isopropylbenzene			6.8E-07	8.4E-08	
m&p-Xylene			1.6E-06	2.0E-07	
Methyl Isobutyl Ketone (4-methyl-2-penta			1.5E-08	1.9E-09	
Methylene chloride			7.7E-07	9.7E-08	
n-Butylbenzene			3.3E-07	4.2E-08	
n-Propylbenzene			4.0E-07	5.0E-08	
o-Xylene			9.8E-07	1.2E-07	
p-Chlorotoluene			2.4E-08	3.0E-09	
p-Isopropyltoluene			1.6E-07	2.1E-08	
sec-Butylbenzene			6.1E-08	7.6E-09	
Styrene			2.2E-05	2.7E-06	
tert-Butylbenzene			2.0E-06	2.4E-07	
Tetrachloroethene			5.2E-09	6.5E-10	
Toluene			1.4E-05	1.7E-06	
trans-1,2-Dichloroethene			3.6E-06	4.5E-07	
trans-1,3-Dichloropropene			1.8E-09	2.3E-10	
Trichloroethene			4.3E-04	3.9E-11	
Trichlorofluoromethane			3.7E-09	4.7E-10	

Table H-101 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Vinyl chloride			6.0E-04	2.7E-08	

Table H-102 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			8.4E-07	1.0E-07	
Aldehydes					
Acetaldehyde			1.4E-06	1.8E-07	
Formaldehyde			6.2E-07	7.7E-08	
Propionaldehyde		2.2E-15	1.6E-07	2.0E-08	1.7E-14
CO					
Carbon monoxide			4.5E-05	5.6E-06	
CO2					
Carbon dioxide			1.4E-06	1.8E-07	
Criteria					
Sulfur Dioxide			3.8E-07	4.7E-08	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	1.4E-15	5.5E-15	8.5E-13	1.1E-13	2.7E-19
1,2,3,4,6,7,8-HpCDF	1.4E-15	5.5E-15	8.6E-13	1.1E-13	2.7E-19
1,2,3,4,7,8,9-HpCDF	1.6E-16	6.4E-16	1.1E-13	1.4E-14	3.1E-20
1,2,3,4,7,8-HxCDD	1.6E-16	6.2E-16	1.0E-13	1.3E-14	3.1E-20
1,2,3,4,7,8-HxCDF	1.3E-15	4.9E-15	8.3E-13	1.0E-13	2.4E-19
1,2,3,6,7,8-HxCDD	3.2E-16	1.3E-15	2.1E-13	2.7E-14	6.2E-20
1,2,3,6,7,8-HxCDF	4.1E-16	1.6E-15	2.7E-13	3.4E-14	7.9E-20
1,2,3,7,8,9-HxCDD	5.1E-16	2.0E-15	3.2E-13	4.1E-14	9.8E-20
1,2,3,7,8,9-HxCDF	2.9E-17	1.2E-16	2.1E-14	2.6E-15	5.7E-21

Table H-102 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	1.8E-16	7.0E-16	1.3E-13	1.6E-14	3.5E-20
1,2,3,7,8-PeCDF	2.1E-16	8.3E-16	1.8E-13	2.3E-14	4.0E-20
2,3,4,6,7,8-HxCDF	6.4E-16	2.5E-15	4.2E-13	5.2E-14	1.2E-19
2,3,4,7,8-PeCDF	5.0E-16	2.0E-15	4.1E-13	5.2E-14	9.7E-20
2,3,7,8-TCDD	3.6E-17	1.4E-16	5.2E-14	6.5E-15	4.9E-18
2,3,7,8-TCDF	6.6E-17	2.6E-16	1.9E-13	2.4E-14	1.3E-20
OCDD	9.4E-16	3.7E-15	5.6E-13	7.0E-14	1.8E-19
OCDF	3.6E-16	1.4E-15	2.1E-13	2.6E-14	7.0E-20
HCN					
Hydrogen cyanide			1.6E-07	2.0E-08	
Metals					
Aluminum		1.1E-02			5.3E-07
Antimony		2.6E-07	1.0E-08	1.3E-09	1.3E-11
Arsenic	6.0E-07	1.4E-06	5.9E-10	7.4E-11	1.2E-10
Barium		3.1E-09	1.3E-07	1.6E-08	1.5E-13
Beryllium		1.0E-15	4.3E-11	5.4E-12	5.1E-20
Cadmium		8.2E-16	7.6E-10	9.5E-11	4.0E-20
Chromium		8.3E-11	6.5E-09	8.1E-10	4.1E-15
Cobalt		3.1E-05	9.8E-09	1.2E-09	1.5E-09
Copper		3.4E-10	1.8E-08	2.2E-09	1.6E-14
Iron		2.5E-02			1.2E-06
Lead		9.0E-05	6.0E-09	7.5E-10	4.4E-09

Table H-102 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		8.0E-13	5.5E-09	6.8E-10	3.9E-17
Mercury (+2)		3.4E-14	2.4E-11	2.9E-12	1.7E-18
Mercury, elemental		9.8E-07	9.8E-14	1.2E-14	1.9E-06
Methyl Mercury		2.0E-15			1.0E-19
Nickel		5.8E-04	3.5E-09	4.3E-10	2.9E-08
Phosphorus		7.5E-15	2.6E-08	3.3E-09	7.2E-14
Selenium		4.0E-17	1.7E-10	2.2E-11	2.0E-21
Silver		8.4E-13	1.1E-10	1.4E-11	4.1E-17
Thallium (Soluble Salts)		2.7E-07			1.3E-11
Titanium		8.0E-15	6.1E-11	7.6E-12	3.9E-19
Zinc		1.8E-13	1.4E-07	1.7E-08	9.0E-18
NOx					
NOx (Oxides of Nitrogen)			1.6E-06	2.0E-07	
PAHs					
1-Methylnaphthalene	2.4E-16	2.2E-16	3.3E-08	4.1E-09	2.5E-16
1-Methylphenanthrene		1.5E-13	3.9E-09	4.9E-10	7.1E-18
2,3,5-Trimethylnaphthalene		6.8E-14	1.9E-09	2.4E-10	3.3E-18
2,6-Dimethylnaphthalene		1.9E-13	5.1E-09	6.4E-10	9.1E-18
2-Methylnaphthalene	2.3E-16	2.1E-16	3.2E-08	4.0E-09	2.4E-16
Acenaphthylene		6.0E-13	1.9E-08	2.4E-09	2.9E-17
Acenaphthene			3.5E-09	4.3E-10	
Anthracene			6.1E-09	7.6E-10	

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Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)anthracene	9.0E-08	8.1E-08	3.0E-09	3.7E-10	1.2E-09
Benzo(a)pyrene	8.5E-08	7.7E-08	1.2E-09	1.5E-10	3.8E-12
Benzo(b)fluoranthene	1.3E-07	1.2E-07	1.3E-09	1.6E-10	5.9E-12
Benzo(e)pyrene		3.4E-14	1.0E-09	1.3E-10	1.7E-18
Benzo(g,h,i)perylene		2.5E-14	7.7E-10	9.6E-11	1.2E-18
Benzo(k)fluoranthene	7.1E-08	6.4E-08	1.2E-11	1.5E-12	3.1E-12
Biphenyl		3.3E-15	1.1E-07	1.4E-08	2.0E-15
Chrysene	1.1E-07	1.0E-07	5.1E-09	6.4E-10	5.0E-12
Dibenzo(a,h)anthracene	2.0E-08	1.8E-08	1.9E-10	2.3E-11	8.8E-13
Fluoranthene	6.7E-14	6.1E-14	7.5E-09	9.4E-10	3.0E-18
Fluorene			1.9E-08	2.3E-09	
Indeno(1,2,3-cd)pyrene	5.7E-08	5.1E-08	6.2E-10	7.7E-11	2.5E-12
Napthalene			1.5E-07	1.9E-08	
Perylene		1.3E-14	4.6E-10	5.8E-11	6.5E-19
Phenanthrene			3.5E-08	4.4E-09	
Pyrene	2.5E-13	2.3E-13	7.3E-09	9.1E-10	6.4E-15
Particulate					
Particulate Total Suspended Particulate		3.0E-09	2.3E-05	2.9E-06	1.5E-13
PM<10		3.8E-09	3.1E-05	3.9E-06	1.9E-13
PM<2.5		3.2E-09	2.6E-05	3.3E-06	1.6E-13
PCBs					
Dichlorobiphenyl	6.5E-16	5.5E-16	9.3E-11	1.2E-11	5.1E-17

Table H-102 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Heptachlorobiphenyl	7.5E-17	6.3E-17	1.3E-12	1.6E-13	3.2E-18
Hexachlorobiphenyl	3.4E-16	2.9E-16	5.3E-12	6.7E-13	1.5E-17
Monochlorobiphenyl	4.5E-15	3.8E-15	6.5E-10	8.1E-11	3.5E-16
Nonachlorobiphenyl	1.3E-17	1.1E-17	1.8E-13	2.2E-14	5.7E-19
Octachlorobiphenyl	2.4E-17	2.0E-17	3.9E-13	4.9E-14	1.0E-18
Pentachlorobiphenyl	1.2E-15	1.0E-15	1.8E-11	2.3E-12	5.2E-17
Tetrachlorobiphenyl	2.5E-16	2.1E-16	3.0E-11	3.8E-12	2.0E-17
Trichlorobiphenyl	3.0E-16	2.5E-16	3.8E-11	4.8E-12	2.3E-17
Pesticides					
DDE		9.0E-08			2.9E-09
Dieldrin	4.7E-10	5.6E-10			2.7E-14
SVOCs					
1,2,4-trichlorobenzene			2.7E-10	3.4E-11	
1,2-dichlorobenzene			1.1E-10	1.4E-11	
1,3-dichlorobenzene			1.6E-10	2.0E-11	
1,4-dichlorobenzene			1.5E-09	1.9E-10	
1,4-Dioxane			1.3E-04		
2,4-Dimethylphenol			2.4E-08	3.0E-09	
2-Chlorophenol			4.7E-09	5.9E-10	
2-Methylphenol			5.6E-08	7.0E-09	
2-Nitrophenol			7.6E-09	9.4E-10	
3-Methylphenol & 4-Methylphenol		3.7E-12	1.0E-07	1.3E-08	1.8E-16

Table H-102 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
4-Nitrophenol			1.3E-08	1.6E-09	
Acetophenone			1.2E-07	1.5E-08	
Benzoic acid			5.4E-07	6.7E-08	
Benzyl alcohol			4.5E-09	5.6E-10	
bis(2-Ethylhexyl) phthalate	6.7E-12	8.0E-12	1.9E-07	2.4E-08	3.9E-16
Butyl benzyl phthalate	3.3E-15	3.8E-15	6.0E-09	7.5E-10	1.9E-19
Carbazole		1.4E-14	1.7E-10	2.1E-11	6.9E-19
Dibenzofuran	1.4E-16	5.7E-16	9.5E-09	1.2E-09	2.4E-16
Dimethyl phthalate			3.3E-10	4.2E-11	
Di-n-butyl phthalate	3.3E-15	3.9E-15	9.2E-09	1.1E-09	1.9E-19
Di-n-octyl phthalate	9.4E-15	1.1E-14	6.4E-10	8.0E-11	5.5E-19
Hexachlorobutadiene			4.4E-08	5.5E-09	
Isopropanol			2.0E-03		
Phenol			3.0E-07	3.8E-08	
Pyridine			2.9E-08	3.6E-09	
TRS					
Total Reduced Sulfur			2.9E-07	3.6E-08	
VOCs					
1,1,1,2-Tetrachloroethane			1.3E-10	1.7E-11	
1,1,1-Trichloroethane			1.3E-10	1.7E-11	
1,1-Dichloroethene			2.6E-11	3.2E-12	
1,2,3-Trichlorobenzene			5.3E-10	6.7E-11	

Table H-102 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3-Trichloropropane			1.1E-10	1.4E-11	
1,2,4-Trimethylbenzene			6.2E-09	7.8E-10	
1,2-Dibromoethane			6.9E-11	8.6E-12	
1,2-Dichloroethane			2.8E-09	1.0E-06	
1,3,5-Trimethylbenzene			5.9E-09	7.3E-10	
1,3-Dichloropropane			6.7E-11	8.4E-12	
2-Butanone			3.3E-08	4.1E-09	
2-Chlorotoluene			1.5E-09	1.8E-10	
2-Hexanone			6.8E-09	8.4E-10	
Benzene			6.4E-05	9.7E-06	
Bromobenzene			3.7E-08	4.7E-09	
Bromochloromethane			8.8E-11	1.1E-11	
Bromodichloromethane			9.5E-11	1.2E-11	
Bromomethane			3.8E-09	4.8E-10	
Carbon disulfide			3.3E-09	4.2E-10	
Carbon tetrachloride			1.3E-04	1.5E-05	
Chlorobenzene			4.8E-09	6.0E-10	
Chlorodibromomethane			2.4E-09	3.0E-10	
Chloroethane			9.1E-09	1.1E-09	
Chloroform			4.3E-05	2.4E-06	
Chloromethane			3.1E-08	3.9E-09	
cis-1,2-Dichloroethene			4.0E-09	5.0E-10	

Table H-102 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
cis-1,3-Dichloropropene			2.4E-11	3.0E-12	
Dibromomethane			2.0E-10	2.5E-11	
Dichlorodifluoromethane			2.5E-10	3.1E-11	
Ethylbenzene			3.7E-05	2.4E-08	
Isopropylbenzene			1.6E-08	2.0E-09	
m&p-Xylene			3.6E-08	4.6E-09	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.6E-10	4.5E-11	
Methylene chloride			1.8E-08	2.3E-09	
n-Butylbenzene			7.8E-09	9.7E-10	
n-Propylbenzene			9.4E-09	1.2E-09	
o-Xylene			2.3E-08	2.9E-09	
p-Chlorotoluene			5.5E-10	6.9E-11	
p-Isopropyltoluene			3.8E-09	4.8E-10	
sec-Butylbenzene			1.4E-09	1.8E-10	
Styrene			5.1E-07	6.4E-08	
tert-Butylbenzene			4.6E-08	5.7E-09	
Tetrachloroethene			1.2E-10	1.5E-11	
Toluene			3.2E-07	3.9E-08	
trans-1,2-Dichloroethene			8.4E-08	1.1E-08	
trans-1,3-Dichloropropene			4.2E-11	5.3E-12	
Trichloroethene			1.0E-05	9.1E-13	
Trichlorofluoromethane			8.7E-11	1.1E-11	

Table H-102 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Vinyl chloride			1.4E-05	6.2E-10	

Table H-103 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.6E-05	8.3E-05	4.5E-06	4.5E-06		
Aldehydes											
Acetaldehyde	3.9E-15					6.2E-05	1.4E-04	7.8E-06	7.8E-06		
Formaldehyde	1.9E-14					2.6E-05	6.1E-05	3.3E-06	3.3E-06		
Propionaldehyde				9.6E-17	2.7E-16	6.8E-06	1.6E-05	8.5E-07	8.5E-07	7.2E-13	4.4E-12
CO											
Carbon monoxide						1.9E-03	4.4E-03	2.4E-04	2.4E-04		
CO2											
Carbon dioxide						6.0E-05	1.4E-04	7.5E-06	7.5E-06		
Criteria											
Sulfur Dioxide						1.6E-05	3.7E-05	2.0E-06	2.0E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	3.9E-20	3.2E-17	4.5E-17	1.3E-16	3.6E-16	3.6E-11	8.4E-11	4.5E-12	4.5E-12	6.2E-18	3.8E-17
1,2,3,4,6,7,8-HpCDF	3.8E-20	3.3E-17	4.6E-17	1.3E-16	3.6E-16	3.7E-11	8.5E-11	4.6E-12	4.6E-12	6.3E-18	3.9E-17
1,2,3,4,7,8,9-HpCDF	6.2E-21	3.7E-18	5.2E-18	1.5E-17	4.1E-17	4.7E-12	1.1E-11	5.8E-13	5.8E-13	7.2E-19	4.4E-18
1,2,3,4,7,8-HxCDD	4.7E-20	3.7E-18	5.1E-18	1.4E-17	4.0E-17	4.4E-12	1.0E-11	5.4E-13	5.4E-13	7.1E-19	4.4E-18
1,2,3,4,7,8-HxCDF	3.2E-19	2.9E-17	4.1E-17	1.1E-16	3.2E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	5.6E-18	3.5E-17
1,2,3,6,7,8-HxCDD	9.2E-20	7.5E-18	1.0E-17	2.9E-17	8.2E-17	9.2E-12	2.1E-11	1.1E-12	1.1E-12	1.4E-18	8.9E-18
1,2,3,6,7,8-HxCDF	1.2E-19	9.5E-18	1.3E-17	3.7E-17	1.0E-16	1.1E-11	2.7E-11	1.4E-12	1.4E-12	1.8E-18	1.1E-17
1,2,3,7,8,9-HxCDD	1.3E-19	1.2E-17	1.6E-17	4.6E-17	1.3E-16	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.3E-18	1.4E-17
1,2,3,7,8,9-HxCDF	1.0E-20	6.8E-19	9.5E-19	2.7E-18	7.5E-18	8.8E-13	2.0E-12	1.1E-13	1.1E-13	1.3E-19	8.1E-19
1,2,3,7,8-PeCDD	2.9E-19	4.1E-18	5.8E-18	1.6E-17	4.6E-17	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.0E-19	4.9E-18
1,2,3,7,8-PeCDF	4.1E-19	4.9E-18	6.8E-18	1.9E-17	5.4E-17	7.9E-12	1.8E-11	9.9E-13	9.9E-13	9.4E-19	5.8E-18

Table H-103 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	1.7E-19	1.5E-17	2.1E-17	5.9E-17	1.6E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.9E-18	1.8E-17
2,3,4,7,8-PeCDF	6.4E-19	1.2E-17	1.6E-17	4.6E-17	1.3E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.2E-18	1.4E-17
2,3,7,8-TCDD	1.0E-19	8.5E-19	1.2E-18	3.4E-18	9.4E-18	2.2E-12	5.1E-12	2.8E-13	2.8E-13	1.1E-16	7.0E-16
2,3,7,8-TCDF	3.4E-19	1.5E-18	2.2E-18	6.1E-18	1.7E-17	8.2E-12	1.9E-11	1.0E-12	1.0E-12	3.0E-19	1.8E-18
OCDD	5.2E-22	2.2E-17	3.0E-17	8.6E-17	2.4E-16	2.4E-11	5.6E-11	3.0E-12	3.0E-12	4.2E-18	2.6E-17
OCDF	1.9E-22	8.4E-18	1.2E-17	3.3E-17	9.3E-17	9.1E-12	2.1E-11	1.1E-12	1.1E-12	1.6E-18	1.0E-17
HCN											
Hydrogen cyanide						6.8E-06	1.6E-05	8.5E-07	8.5E-07		
Metals											
Aluminum				4.6E-04	8.4E-04					2.3E-05	9.1E-05
Antimony	6.7E-19			1.1E-08	6.2E-08	4.5E-07	1.0E-06	5.6E-08	5.6E-08	5.4E-10	6.6E-09
Arsenic	3.5E-17	2.6E-08	9.8E-09	6.1E-08	4.7E-08	2.5E-08	5.9E-08	3.2E-09	3.2E-09	4.9E-09	8.4E-09
Barium	7.9E-14			7.6E-11	2.1E-10	5.4E-06	1.2E-05	6.7E-07	6.7E-07	3.7E-12	2.3E-11
Beryllium	1.4E-18			4.5E-17	1.3E-16	1.8E-09	4.3E-09	2.3E-10	2.3E-10	2.2E-18	1.4E-17
Cadmium	3.6E-16			3.5E-17	9.8E-17	3.2E-08	7.5E-08	4.1E-09	4.1E-09	1.7E-18	1.1E-17
Chromium	9.4E-17			2.3E-12	6.4E-12	2.8E-07	6.4E-07	3.5E-08	3.5E-08	1.1E-13	6.9E-13
Cobalt				1.3E-06	1.6E-06	4.2E-07	9.7E-07	5.3E-08	5.3E-08	6.6E-08	1.7E-07
Copper				8.3E-12	2.3E-11	7.6E-07	1.8E-06	9.5E-08	9.5E-08	4.1E-13	2.5E-12
Iron				1.1E-03	1.6E-03					5.3E-05	1.7E-04
Lead	3.0E-19			3.9E-06	9.8E-06	2.6E-07	5.9E-07	3.2E-08	3.2E-08	1.9E-07	1.1E-06
Manganese				3.4E-14	9.5E-14	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.7E-15	1.0E-14
Mercury (+2)				7.3E-16	2.1E-15	1.0E-09	2.3E-09	1.3E-10	1.3E-10	3.6E-17	2.2E-16
Mercury, elemental				4.2E-08	1.9E-09	4.2E-12	9.7E-12	5.3E-13	5.3E-13	8.1E-05	5.0E-04
Methyl Mercury	2.8E-16			4.4E-17	1.2E-16					2.1E-18	1.3E-17

Table H-103 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	1.4E-16			2.5E-05	3.0E-05	1.5E-07	3.4E-07	1.9E-08	1.9E-08	1.2E-06	3.3E-06
Phosphorus				3.2E-16	9.0E-16	1.1E-06	2.6E-06	1.4E-07	1.4E-07	3.1E-12	1.9E-11
Selenium	1.2E-17			1.7E-18	4.8E-18	7.5E-09	1.7E-08	9.3E-10	9.3E-10	8.5E-20	5.2E-19
Silver	8.2E-18			2.8E-14	7.8E-14	4.9E-09	1.1E-08	6.1E-10	6.1E-10	1.4E-15	8.4E-15
Thallium (Soluble Salts)				1.1E-08	7.2E-09					5.6E-10	7.8E-10
Titanium				3.4E-16	9.6E-16	2.6E-09	6.0E-09	3.3E-10	3.3E-10	1.7E-17	1.0E-16
Zinc	1.8E-13			7.9E-15	2.2E-14	5.9E-06	1.4E-05	7.3E-07	7.3E-07	3.9E-16	2.4E-15
NOx											
NOx (Oxides of Nitrogen)						6.7E-05	1.6E-04	8.4E-06	8.4E-06		
PAHs											
1-Methylnaphthalene		1.0E-17	1.4E-17	9.3E-18	2.6E-17	1.4E-06	3.3E-06	1.8E-07	1.8E-07	1.1E-14	6.5E-14
1-Methylphenanthrene				6.2E-15	1.7E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	3.0E-16	1.9E-15
2,3,5-Trimethylnaphthalene				2.9E-15	8.1E-15	8.4E-08	1.9E-07	1.0E-08	1.0E-08	1.4E-16	8.8E-16
2,6-Dimethylnaphthalene				7.9E-15	2.2E-14	2.2E-07	5.1E-07	2.8E-08	2.8E-08	3.9E-16	2.4E-15
2-Methylnaphthalene		9.9E-18	1.4E-17	9.0E-18	2.5E-17	1.4E-06	3.2E-06	1.7E-07	1.7E-07	1.0E-14	6.4E-14
Acenaphthylene				2.6E-14	7.1E-14	8.1E-07	1.9E-06	1.0E-07	1.0E-07	1.3E-15	7.7E-15
Acenaphthene	1.5E-16					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Anthracene	1.8E-15					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
Benzo(a)anthracene	2.6E-13	3.8E-09	2.2E-08	3.5E-09	4.0E-08	1.3E-07	3.0E-07	1.6E-08	1.6E-08	5.3E-08	3.2E-07
Benzo(a)pyrene	1.3E-13	3.6E-09	2.4E-08	3.3E-09	4.4E-08	5.0E-08	1.2E-07	6.3E-09	6.3E-09	1.6E-10	4.7E-09
Benzo(b)fluoranthene	3.6E-14	5.6E-09	3.4E-08	5.1E-09	6.1E-08	5.6E-08	1.3E-07	7.0E-09	7.0E-09	2.5E-10	6.6E-09
Benzo(e)pyrene				1.5E-15	4.1E-15	4.3E-08	9.9E-08	5.4E-09	5.4E-09	7.2E-17	4.4E-16
Benzo(g,h,i)perylene				1.1E-15	3.0E-15	3.3E-08	7.6E-08	4.1E-09	4.1E-09	5.3E-17	3.2E-16
Benzo(k)fluoranthene	2.6E-16	3.0E-09	1.7E-08	2.8E-09	3.1E-08	5.0E-10	1.2E-09	6.2E-11	6.2E-11	1.3E-10	3.3E-09

Table H-103 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				1.4E-16	4.0E-16	4.8E-06	1.1E-05	6.0E-07	6.0E-07	8.4E-14	5.2E-13
Chrysene	4.5E-14	4.8E-09	2.5E-08	4.4E-09	4.5E-08	2.2E-07	5.1E-07	2.7E-08	2.7E-08	2.2E-10	4.8E-09
Dibenze(a,h)anthracene	6.4E-15	8.5E-10	6.0E-09	7.7E-10	1.1E-08	8.0E-09	1.8E-08	9.9E-10	9.9E-10	3.8E-11	1.2E-09
Fluoranthene	1.2E-14	2.6E-15	3.6E-15	2.3E-15	6.6E-15	3.2E-07	7.4E-07	4.0E-08	4.0E-08	1.1E-16	7.1E-16
Fluorene	2.6E-15					8.0E-07	1.9E-06	1.0E-07	1.0E-07		
Indeno(1,2,3-cd)pyrene	1.6E-14	2.4E-09	1.6E-08	2.2E-09	2.8E-08	2.6E-08	6.1E-08	3.3E-09	3.3E-09	1.1E-10	3.1E-09
Napthalene	1.2E-15					6.4E-06	1.5E-05	8.0E-07	8.0E-07		
Perylene				5.6E-16	1.6E-15	2.0E-08	4.6E-08	2.5E-09	2.5E-09	2.8E-17	1.7E-16
Phenanthrene	1.3E-14					1.5E-06	3.5E-06	1.9E-07	1.9E-07		
Pyrene	8.7E-15	7.1E-15	9.9E-15	6.5E-15	1.8E-14	3.1E-07	7.2E-07	3.9E-08	3.9E-08	1.8E-13	1.1E-12
Particulate											
Particulate Total Suspended Particulate				1.3E-10	3.6E-10	1.0E-03	2.3E-03	1.3E-04	1.3E-04	6.3E-12	3.9E-11
PM<10				1.6E-10	4.6E-10	1.3E-03	3.1E-03	1.7E-04	1.7E-04	8.0E-12	4.9E-11
PM<2.5				1.4E-10	3.8E-10	1.1E-03	2.6E-03	1.4E-04	1.4E-04	6.7E-12	4.1E-11
PCBs											
Dichlorobiphenyl	2.6E-16	1.5E-17	2.1E-17	1.3E-17	3.6E-17	4.0E-09	9.2E-09	5.0E-10	5.0E-10	1.2E-15	7.4E-15
Heptachlorobiphenyl	9.8E-18	1.7E-18	2.4E-18	1.5E-18	4.1E-18	5.4E-11	1.3E-10	6.8E-12	6.8E-12	7.4E-17	4.6E-16
Hexachlorobiphenyl	4.0E-17	7.8E-18	1.1E-17	6.6E-18	1.9E-17	2.3E-10	5.3E-10	2.9E-11	2.9E-11	3.4E-16	2.1E-15
Monochlorobiphenyl	1.8E-15	1.1E-16	1.5E-16	8.9E-17	2.5E-16	2.8E-08	6.4E-08	3.5E-09	3.5E-09	8.3E-15	5.1E-14
Nonachlorobiphenyl	1.2E-18	3.1E-19	4.3E-19	2.6E-19	7.2E-19	7.7E-12	1.8E-11	9.6E-13	9.6E-13	1.3E-17	8.1E-17
Octachlorobiphenyl	2.9E-18	5.6E-19	7.9E-19	4.7E-19	1.3E-18	1.7E-11	3.8E-11	2.1E-12	2.1E-12	2.4E-17	1.5E-16
Pentachlorobiphenyl	1.3E-16	2.8E-17	3.9E-17	2.4E-17	6.7E-17	7.8E-10	1.8E-09	9.8E-11	9.8E-11	1.2E-15	7.5E-15
Tetrachlorobiphenyl	7.7E-17	5.8E-18	8.1E-18	4.9E-18	1.4E-17	1.3E-09	3.0E-09	1.6E-10	1.6E-10	4.6E-16	2.8E-15
Trichlorobiphenyl	1.0E-16	7.0E-18	9.7E-18	5.9E-18	1.6E-17	1.6E-09	3.8E-09	2.0E-10	2.0E-10	5.5E-16	3.4E-15

Table H-103 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				3.9E-09	9.4E-09					1.2E-07	7.5E-07
Dieldrin		2.0E-11	4.3E-10	2.4E-11	1.0E-09					1.2E-12	1.1E-10
SVOCs											
1,2,4-trichlorobenzene						1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,2-dichlorobenzene	1.2E-19					4.7E-09	1.1E-08	5.8E-10	5.8E-10		
1,3-dichlorobenzene	3.0E-19					7.0E-09	1.6E-08	8.7E-10	8.7E-10		
1,4-dichlorobenzene	4.0E-18					6.5E-08	1.5E-07	8.1E-09	8.1E-09		
1,4-Dioxane						5.5E-03					
2,4-Dimethylphenol	1.1E-16					1.0E-06	2.4E-06	1.3E-07	1.3E-07		
2-Chlorophenol	5.5E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
2-Methylphenol	2.3E-15					2.4E-06	5.5E-06	3.0E-07	3.0E-07		
2-Nitrophenol	1.4E-17					3.2E-07	7.5E-07	4.0E-08	4.0E-08		
3-Methylphenol & 4-Methylphenol				1.6E-13	4.4E-13	4.3E-06	9.9E-06	5.4E-07	5.4E-07	7.7E-15	4.8E-14
4-Nitrophenol	2.8E-17					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Acetophenone	1.7E-16					5.1E-06	1.2E-05	6.4E-07	6.4E-07		
Benzoic acid	6.8E-16					2.3E-05	5.3E-05	2.9E-06	2.9E-06		
Benzyl alcohol	4.2E-19					1.9E-07	4.5E-07	2.4E-08	2.4E-08		
bis(2-Ethylhexyl) phthalate	2.1E-14	2.9E-13	4.0E-13	3.4E-13	9.5E-13	8.1E-06	1.9E-05	1.0E-06	1.0E-06	1.7E-14	1.0E-13
Butyl benzyl phthalate	7.5E-15	1.4E-16	1.9E-16	1.6E-16	4.6E-16	2.6E-07	5.9E-07	3.2E-08	3.2E-08	8.1E-18	5.0E-17
Carbazole				6.0E-16	1.7E-15	7.2E-09	1.7E-08	9.0E-10	9.0E-10	2.9E-17	1.8E-16
Dibenzofuran		6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.1E-07	9.4E-07	5.1E-08	5.1E-08	1.0E-14	6.4E-14
Dimethyl phthalate	2.8E-18					1.4E-08	3.3E-08	1.8E-09	1.8E-09		
Di-n-butyl phthalate	7.2E-14	1.4E-16	1.9E-16	1.6E-16	4.6E-16	3.9E-07	9.1E-07	4.9E-08	4.9E-08	8.1E-18	5.0E-17

Table H-103 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	5.4E-19	4.0E-16	5.6E-16	4.7E-16	1.3E-15	2.8E-08	6.4E-08	3.4E-09	3.4E-09	2.3E-17	1.4E-16
Hexachlorobutadiene	2.9E-16					1.9E-06	4.4E-06	2.4E-07	2.4E-07		
Isopropanol						8.7E-02	9.7E-02				
p-Chloroaniline			1.4E-08		3.3E-08						3.6E-09
Phenol	6.3E-15					1.3E-05	3.0E-05	1.6E-06	1.6E-06		
Pyridine	3.3E-16					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
TRS											
Total Reduced Sulfur						1.2E-05	2.9E-05	1.6E-06	1.6E-06		
VOCs											
1,1,1,2-Tetrachloroethane	1.2E-19					5.8E-09	1.3E-08	7.2E-10	7.2E-10		
1,1,1-Trichloroethane	7.5E-21					5.7E-09	1.3E-08	7.1E-10	7.1E-10		
1,1-Dichloroethene	2.6E-22					1.1E-09	2.6E-09	1.4E-10	1.4E-10		
1,2,3-Trichlorobenzene	8.0E-18					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2,3-Trichloropropane	4.6E-20					4.6E-09	1.1E-08	5.8E-10	5.8E-10		
1,2,4-Trimethylbenzene						2.7E-07	6.2E-07	3.3E-08	3.3E-08		
1,2-Dibromoethane	1.6E-20					3.0E-09	6.8E-09	3.7E-10	3.7E-10		
1,2-Dichloroethane	5.0E-19					1.2E-07	1.9E-03	4.3E-05	4.3E-05		
1,3,5-Trimethylbenzene	2.6E-18					2.5E-07	5.8E-07	3.1E-08	3.1E-08		
1,3-Dichloropropane						2.9E-09	6.6E-09	3.6E-10	3.6E-10		
2-Butanone	1.0E-16					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
2-Chlorotoluene						6.3E-08	1.5E-07	7.9E-09	7.9E-09		
2-Hexanone						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
Benzene	8.5E-17					2.7E-03	1.2E-02	4.2E-04	4.2E-04		
Bromobenzene						1.6E-06	3.7E-06	2.0E-07	2.0E-07		

Table H-103 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Bromochloromethane						3.8E-09	8.7E-09	4.7E-10	4.7E-10		
Bromodichloromethane	1.3E-20					4.1E-09	1.4E-02	5.1E-10	5.1E-10		
Bromoform							6.6E-02				
Bromomethane	5.7E-20					1.6E-07	3.8E-07	2.0E-08	2.0E-08		
Carbon disulfide	5.4E-20					1.4E-07	3.3E-07	1.8E-08	1.8E-08		
Carbon tetrachloride	5.8E-21					5.6E-03	1.7E-02	6.6E-04	6.6E-04		
Chlorobenzene	2.0E-18					2.1E-07	4.8E-07	2.6E-08	2.6E-08		
Chlorodibromomethane	7.8E-19					1.0E-07	2.3E-07	1.3E-08	1.3E-08		
Chloroethane	1.6E-19					3.9E-07	9.1E-07	4.9E-08	4.9E-08		
Chloroform	1.2E-19					1.9E-03	3.4E-02	1.0E-04	1.0E-04		
Chloromethane	4.2E-19					1.3E-06	3.1E-06	1.7E-07	1.7E-07		
cis-1,2-Dichloroethene	1.6E-19					1.7E-07	3.9E-07	2.1E-08	2.1E-08		
cis-1,3-Dichloropropene						1.0E-09	2.4E-09	1.3E-10	1.3E-10		
Dibromomethane	1.8E-20					8.7E-09	2.0E-08	1.1E-09	1.1E-09		
Dichlorodifluoromethane	2.0E-22					1.1E-08	2.5E-08	1.3E-09	1.3E-09		
Ethylbenzene	6.4E-17					1.6E-03	9.5E-03	1.0E-06	1.0E-06		
Isopropylbenzene	8.4E-20					6.8E-07	1.6E-06	8.4E-08	8.4E-08		
m&p-Xylene	1.0E-17					1.6E-06	3.6E-06	2.0E-07	2.0E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19					1.5E-08	3.5E-08	1.9E-09	1.9E-09		
Methylene chloride	1.1E-18					7.7E-07	1.8E-06	9.7E-08	9.7E-08		
n-Butylbenzene						3.3E-07	7.7E-07	4.2E-08	4.2E-08		
n-Propylbenzene						4.0E-07	9.3E-07	5.0E-08	5.0E-08		
o-Xylene	1.2E-17					9.8E-07	2.3E-06	1.2E-07	1.2E-07		
p-Chlorotoluene						2.4E-08	5.5E-08	3.0E-09	3.0E-09		

Table H-103 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
p-Isopropyltoluene						1.6E-07	3.8E-07	2.1E-08	2.1E-08		
sec-Butylbenzene						6.1E-08	1.4E-07	7.6E-09	7.6E-09		
Styrene	4.0E-16					2.2E-05	5.1E-05	2.7E-06	2.7E-06		
tert-Butylbenzene						2.0E-06	4.5E-06	2.4E-07	2.4E-07		
Tetrachloroethene	2.8E-20					5.2E-09	1.2E-08	6.5E-10	6.5E-10		
Toluene	6.7E-17					1.4E-05	3.1E-05	1.7E-06	1.7E-06		
trans-1,2-Dichloroethene	2.5E-18					3.6E-06	8.4E-06	4.5E-07	4.5E-07		
trans-1,3-Dichloropropene						1.8E-09	4.2E-09	2.3E-10	2.3E-10		
Trichloroethene	2.9E-22					4.3E-04	1.9E-02	3.9E-11	3.9E-11		
Trichlorofluoromethane	4.5E-22					3.7E-09	8.6E-09	4.7E-10	4.7E-10		
Vinyl chloride	2.1E-20					6.0E-04	4.9E-07	2.7E-08	2.7E-08		

Table H-104 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					6.2E-07	1.4E-06	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19

Table H-104 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.1E-02	2.0E-02					5.3E-07	2.1E-06
Antimony	1.6E-17			2.6E-07	1.4E-06	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.3E-11	1.5E-10
Arsenic	8.1E-16	6.0E-07	2.3E-07	1.4E-06	1.1E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	1.2E-10	2.0E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				3.1E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.5E-09	4.0E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				2.5E-02	3.7E-02					1.2E-06	4.0E-06
Lead	6.9E-18			9.0E-05	2.3E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	4.4E-09	2.5E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				9.8E-07	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	1.9E-06	1.2E-05
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19

Table H-104 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.8E-04	7.1E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.9E-08	7.7E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Thallium (Soluble Salts)				2.7E-07	1.7E-07					1.3E-11	1.8E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	9.0E-08	5.1E-07	8.1E-08	9.3E-07	3.0E-09	6.9E-09	3.7E-10	3.7E-10	1.2E-09	7.6E-09
Benzo(a)pyrene	3.1E-12	8.5E-08	5.6E-07	7.7E-08	1.0E-06	1.2E-09	2.7E-09	1.5E-10	1.5E-10	3.8E-12	1.1E-10
Benzo(b)fluoranthene	8.3E-13	1.3E-07	7.9E-07	1.2E-07	1.4E-06	1.3E-09	3.0E-09	1.6E-10	1.6E-10	5.9E-12	1.5E-10
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	7.1E-08	4.0E-07	6.4E-08	7.2E-07	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.1E-12	7.8E-11

Table H-104 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	1.1E-07	5.7E-07	1.0E-07	1.0E-06	5.1E-09	1.2E-08	6.4E-10	6.4E-10	5.0E-12	1.1E-10
Dibenze(a,h)anthracene	1.6E-13	2.0E-08	1.4E-07	1.8E-08	2.5E-07	1.9E-10	4.3E-10	2.3E-11	2.3E-11	8.8E-13	2.7E-11
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	5.7E-08	3.6E-07	5.1E-08	6.6E-07	6.2E-10	1.4E-09	7.7E-11	7.7E-11	2.5E-12	7.1E-11
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16

Table H-104 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				9.0E-08	2.2E-07					2.9E-09	1.8E-08
Dieldrin		4.7E-10	1.0E-08	5.6E-10	2.4E-08					2.7E-14	2.5E-12
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
1,4-Dioxane						1.3E-04					
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18

Table H-104 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						2.0E-03	2.3E-03				
p-Chloroaniline			3.3E-07		7.7E-07						8.4E-11
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	4.4E-05	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					6.4E-05	2.7E-04	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		

Table H-104 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	3.4E-04	1.2E-11	1.2E-11		
Bromoform							1.5E-03				
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.3E-04	3.9E-04	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					4.3E-05	7.9E-04	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					3.7E-05	2.2E-04	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		

Table H-104 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					1.0E-05	4.5E-04	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					1.4E-05	1.1E-08	6.2E-10	6.2E-10		

Table H-105 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.6E-05	8.3E-05	4.5E-06	4.5E-06		
Aldehydes											
Acetaldehyde	3.9E-15					6.2E-05	1.4E-04	7.8E-06	7.8E-06		
Formaldehyde	1.9E-14					2.6E-05	1.7E+00	3.3E-06	3.3E-06		
Propionaldehyde				9.6E-17	2.7E-16	6.8E-06	1.6E-05	8.5E-07	8.5E-07	7.2E-13	4.4E-12
CO											
Carbon monoxide						1.9E-03	4.4E-03	2.4E-04	2.4E-04		
CO2											
Carbon dioxide						6.0E-05	1.4E-04	7.5E-06	7.5E-06		
Criteria											
Sulfur Dioxide						1.6E-05	3.7E-05	2.0E-06	2.0E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	3.9E-20	3.2E-17	4.5E-17	1.3E-16	3.6E-16	3.6E-11	8.4E-11	4.5E-12	4.5E-12	6.2E-18	3.8E-17
1,2,3,4,6,7,8-HpCDF	3.8E-20	3.3E-17	4.6E-17	1.3E-16	3.6E-16	3.7E-11	8.5E-11	4.6E-12	4.6E-12	6.3E-18	3.9E-17
1,2,3,4,7,8,9-HpCDF	6.2E-21	3.7E-18	5.2E-18	1.5E-17	4.1E-17	4.7E-12	1.1E-11	5.8E-13	5.8E-13	7.2E-19	4.4E-18
1,2,3,4,7,8-HxCDD	4.7E-20	3.7E-18	5.1E-18	1.4E-17	4.0E-17	4.4E-12	1.0E-11	5.4E-13	5.4E-13	7.1E-19	4.4E-18
1,2,3,4,7,8-HxCDF	3.2E-19	2.9E-17	4.1E-17	1.1E-16	3.2E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	5.6E-18	3.5E-17
1,2,3,6,7,8-HxCDD	9.2E-20	7.5E-18	1.0E-17	2.9E-17	8.2E-17	9.2E-12	2.1E-11	1.1E-12	1.1E-12	1.4E-18	8.9E-18
1,2,3,6,7,8-HxCDF	1.2E-19	9.5E-18	1.3E-17	3.7E-17	1.0E-16	1.1E-11	2.7E-11	1.4E-12	1.4E-12	1.8E-18	1.1E-17
1,2,3,7,8,9-HxCDD	1.3E-19	1.2E-17	1.6E-17	4.6E-17	1.3E-16	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.3E-18	1.4E-17
1,2,3,7,8,9-HxCDF	1.0E-20	6.8E-19	9.5E-19	2.7E-18	7.5E-18	8.8E-13	2.0E-12	1.1E-13	1.1E-13	1.3E-19	8.1E-19
1,2,3,7,8-PeCDD	2.9E-19	4.1E-18	5.8E-18	1.6E-17	4.6E-17	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.0E-19	4.9E-18
1,2,3,7,8-PeCDF	4.1E-19	4.9E-18	6.8E-18	1.9E-17	5.4E-17	7.9E-12	1.8E-11	9.9E-13	9.9E-13	9.4E-19	5.8E-18

Table H-105 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	1.7E-19	1.5E-17	2.1E-17	5.9E-17	1.6E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.9E-18	1.8E-17
2,3,4,7,8-PeCDF	6.4E-19	1.2E-17	1.6E-17	4.6E-17	1.3E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.2E-18	1.4E-17
2,3,7,8-TCDD	1.0E-19	8.5E-19	1.2E-18	3.4E-18	9.4E-18	2.2E-12	5.1E-12	2.8E-13	2.8E-13	1.1E-16	7.0E-16
2,3,7,8-TCDF	3.4E-19	1.5E-18	2.2E-18	6.1E-18	1.7E-17	8.2E-12	1.9E-11	1.0E-12	1.0E-12	3.0E-19	1.8E-18
OCDD	5.2E-22	2.2E-17	3.0E-17	8.6E-17	2.4E-16	2.4E-11	5.6E-11	3.0E-12	3.0E-12	4.2E-18	2.6E-17
OCDF	1.9E-22	8.4E-18	1.2E-17	3.3E-17	9.3E-17	9.1E-12	2.1E-11	1.1E-12	1.1E-12	1.6E-18	1.0E-17
HCN											
Hydrogen cyanide						6.8E-06	1.6E-05	8.5E-07	8.5E-07		
Metals											
Aluminum				4.6E-04	1.0E-03					2.3E-05	1.1E-04
Antimony	6.7E-19			1.1E-08	2.1E-08	4.5E-07	1.0E-06	5.6E-08	5.6E-08	5.4E-10	2.2E-09
Arsenic	3.5E-17	2.6E-08	2.0E-08	6.1E-08	9.2E-08	2.5E-08	5.9E-08	3.2E-09	3.2E-09	4.9E-09	1.7E-08
Barium	7.9E-14			7.6E-11	2.1E-10	5.4E-06	1.2E-05	6.7E-07	6.7E-07	3.7E-12	2.3E-11
Beryllium	1.4E-18			4.5E-17	1.3E-16	1.8E-09	4.3E-09	2.3E-10	2.3E-10	2.2E-18	1.4E-17
Cadmium	3.6E-16			3.5E-17	9.8E-17	3.2E-08	7.5E-08	4.1E-09	4.1E-09	1.7E-18	1.1E-17
Chromium	9.4E-17			2.3E-12	6.4E-12	2.8E-07	6.4E-07	3.5E-08	3.5E-08	1.1E-13	6.9E-13
Cobalt				1.3E-06	1.6E-06	4.2E-07	9.7E-07	5.3E-08	5.3E-08	6.6E-08	1.7E-07
Copper				8.3E-12	2.3E-11	7.6E-07	1.8E-06	9.5E-08	9.5E-08	4.1E-13	2.5E-12
Iron				1.1E-03	1.7E-03					5.3E-05	1.8E-04
Lead	3.0E-19			3.9E-06	2.3E-06	2.6E-07	5.9E-07	3.2E-08	3.2E-08	1.9E-07	2.4E-07
Manganese				3.4E-14	9.5E-14	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.7E-15	1.0E-14
Mercury (+2)				7.3E-16	2.1E-15	1.0E-09	2.3E-09	1.3E-10	1.3E-10	3.6E-17	2.2E-16
Mercury, elemental				4.2E-08	1.2E-09	4.2E-12	9.7E-12	5.3E-13	5.3E-13	8.1E-05	5.0E-04
Methyl Mercury	2.8E-16			4.4E-17	1.2E-16					2.1E-18	1.3E-17

Table H-105 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Nickel	1.4E-16			2.5E-05	3.4E-05	1.5E-07	3.4E-07	1.9E-08	1.9E-08	1.2E-06	3.7E-06
Phosphorus				3.2E-16	9.0E-16	1.1E-06	2.6E-06	1.4E-07	1.4E-07	3.1E-12	1.9E-11
Selenium	1.2E-17			1.7E-18	4.8E-18	7.5E-09	1.7E-08	9.3E-10	9.3E-10	8.5E-20	5.2E-19
Silver	8.2E-18			2.8E-14	7.8E-14	4.9E-09	1.1E-08	6.1E-10	6.1E-10	1.4E-15	8.4E-15
Thallium (Soluble Salts)				1.1E-08	6.2E-09					5.6E-10	6.6E-10
Titanium				3.4E-16	9.6E-16	2.6E-09	6.0E-09	3.3E-10	3.3E-10	1.7E-17	1.0E-16
Zinc	1.8E-13			7.9E-15	2.2E-14	5.9E-06	1.4E-05	7.3E-07	7.3E-07	3.9E-16	2.4E-15
NOx											
NOx (Oxides of Nitrogen)						6.7E-05	1.6E-04	8.4E-06	8.4E-06		
PAHs											
1-Methylnaphthalene		1.0E-17	1.4E-17	9.3E-18	2.6E-17	1.4E-06	3.3E-06	1.8E-07	1.8E-07	1.1E-14	6.5E-14
1-Methylphenanthrene				6.2E-15	1.7E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	3.0E-16	1.9E-15
2,3,5-Trimethylnaphthalene				2.9E-15	8.1E-15	8.4E-08	1.9E-07	1.0E-08	1.0E-08	1.4E-16	8.8E-16
2,6-Dimethylnaphthalene				7.9E-15	2.2E-14	2.2E-07	5.1E-07	2.8E-08	2.8E-08	3.9E-16	2.4E-15
2-Methylnaphthalene		9.9E-18	1.4E-17	9.0E-18	2.5E-17	1.4E-06	3.2E-06	1.7E-07	1.7E-07	1.0E-14	6.4E-14
Acenaphthylene				2.6E-14	7.1E-14	8.1E-07	1.9E-06	1.0E-07	1.0E-07	1.3E-15	7.7E-15
Acenapthene	1.5E-16					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Anthracene	1.8E-15					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
Benzo(a)anthracene	2.6E-13	3.8E-09	9.8E-14	3.5E-09	1.8E-13	1.3E-07	3.0E-07	1.6E-08	1.6E-08	5.3E-08	3.2E-07
Benzo(a)pyrene	1.3E-13	3.6E-09	4.6E-14	3.3E-09	8.4E-14	5.0E-08	1.2E-07	6.3E-09	6.3E-09	1.6E-10	9.1E-15
Benzo(b)fluoranthene	3.6E-14	5.6E-09	2.7E-15	5.1E-09	4.8E-15	5.6E-08	1.3E-07	7.0E-09	7.0E-09	2.5E-10	5.2E-16
Benzo(e)pyrene				1.5E-15	4.1E-15	4.3E-08	9.9E-08	5.4E-09	5.4E-09	7.2E-17	4.4E-16
Benzo(g,h,i)perylene				1.1E-15	3.0E-15	3.3E-08	7.6E-08	4.1E-09	4.1E-09	5.3E-17	3.2E-16
Benzo(k)fluoranthene	2.6E-16	3.0E-09	2.7E-15	2.8E-09	4.9E-15	5.0E-10	1.2E-09	6.2E-11	6.2E-11	1.3E-10	5.3E-16

Table H-105 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				1.4E-16	4.0E-16	4.8E-06	1.1E-05	6.0E-07	6.0E-07	8.4E-14	5.2E-13
Chrysene	4.5E-14	4.8E-09	1.2E-13	4.4E-09	2.3E-13	2.2E-07	5.1E-07	2.7E-08	2.7E-08	2.2E-10	2.4E-14
Dibenze(a,h)anthracene	6.4E-15	8.5E-10	1.6E-14	7.7E-10	2.9E-14	8.0E-09	1.8E-08	9.9E-10	9.9E-10	3.8E-11	3.1E-15
Fluoranthene	1.2E-14	2.6E-15	3.6E-15	2.3E-15	6.6E-15	3.2E-07	7.4E-07	4.0E-08	4.0E-08	1.1E-16	7.1E-16
Fluorene	2.6E-15					8.0E-07	1.9E-06	1.0E-07	1.0E-07		
Indeno(1,2,3-cd)pyrene	1.6E-14	2.4E-09	4.5E-14	2.2E-09	8.2E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	1.1E-10	8.9E-15
Napthalene	1.2E-15					6.4E-06	1.5E-05	8.0E-07	8.0E-07		
Perylene				5.6E-16	1.6E-15	2.0E-08	4.6E-08	2.5E-09	2.5E-09	2.8E-17	1.7E-16
Phenanthrene	1.3E-14					1.5E-06	3.5E-06	1.9E-07	1.9E-07		
Pyrene	8.7E-15	7.1E-15	9.9E-15	6.5E-15	1.8E-14	3.1E-07	7.2E-07	3.9E-08	3.9E-08	1.8E-13	1.1E-12
Particulate											
Particulate Total Suspended Particulate				1.3E-10	3.6E-10	1.0E-03	2.3E-03	1.3E-04	1.3E-04	6.3E-12	3.9E-11
PM<10				1.6E-10	4.6E-10	1.3E-03	3.1E-03	1.7E-04	1.7E-04	8.0E-12	4.9E-11
PM<2.5				1.4E-10	3.8E-10	1.1E-03	2.6E-03	1.4E-04	1.4E-04	6.7E-12	4.1E-11
PCBs											
Dichlorobiphenyl	2.6E-16	1.5E-17	2.1E-17	1.3E-17	3.6E-17	4.0E-09	9.2E-09	5.0E-10	5.0E-10	1.2E-15	7.4E-15
Heptachlorobiphenyl	9.8E-18	1.7E-18	2.4E-18	1.5E-18	4.1E-18	5.4E-11	1.3E-10	6.8E-12	6.8E-12	7.4E-17	4.6E-16
Hexachlorobiphenyl	4.0E-17	7.8E-18	1.1E-17	6.6E-18	1.9E-17	2.3E-10	5.3E-10	2.9E-11	2.9E-11	3.4E-16	2.1E-15
Monochlorobiphenyl	1.8E-15	1.1E-16	1.5E-16	8.9E-17	2.5E-16	2.8E-08	6.4E-08	3.5E-09	3.5E-09	8.3E-15	5.1E-14
Nonachlorobiphenyl	1.2E-18	3.1E-19	4.3E-19	2.6E-19	7.2E-19	7.7E-12	1.8E-11	9.6E-13	9.6E-13	1.3E-17	8.1E-17
Octachlorobiphenyl	2.9E-18	5.6E-19	7.9E-19	4.7E-19	1.3E-18	1.7E-11	3.8E-11	2.1E-12	2.1E-12	2.4E-17	1.5E-16
Pentachlorobiphenyl	1.3E-16	2.8E-17	3.9E-17	2.4E-17	6.7E-17	7.8E-10	1.8E-09	9.8E-11	9.8E-11	1.2E-15	7.5E-15
Tetrachlorobiphenyl	7.7E-17	5.8E-18	8.1E-18	4.9E-18	1.4E-17	1.3E-09	3.0E-09	1.6E-10	1.6E-10	4.6E-16	2.8E-15
Trichlorobiphenyl	1.0E-16	7.0E-18	9.7E-18	5.9E-18	1.6E-17	1.6E-09	3.8E-09	2.0E-10	2.0E-10	5.5E-16	3.4E-15

Table H-105 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				3.9E-09	3.3E-09					1.2E-07	7.5E-07
Dieldrin		2.0E-11		2.4E-11						1.2E-12	
SVOCs											
1,2,4-trichlorobenzene						1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,2-dichlorobenzene	1.2E-19					4.7E-09	1.1E-08	5.8E-10	5.8E-10		
1,3-dichlorobenzene	3.0E-19					7.0E-09	1.6E-08	8.7E-10	8.7E-10		
1,4-dichlorobenzene	4.0E-18					6.5E-08	1.5E-07	8.1E-09	8.1E-09		
1,4-Dioxane						5.5E-03					
2,4-Dimethylphenol	1.1E-16					1.0E-06	2.4E-06	1.3E-07	1.3E-07		
2-Chlorophenol	5.5E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
2-Methylphenol	2.3E-15					2.4E-06	5.5E-06	3.0E-07	3.0E-07		
2-Nitrophenol	1.4E-17					3.2E-07	7.5E-07	4.0E-08	4.0E-08		
3-Methylphenol & 4-Methylphenol				1.6E-13	4.4E-13	4.3E-06	9.9E-06	5.4E-07	5.4E-07	7.7E-15	4.8E-14
4-Nitrophenol	2.8E-17					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Acetophenone	1.7E-16					5.1E-06	1.2E-05	6.4E-07	6.4E-07		
Benzoic acid	6.8E-16					2.3E-05	5.3E-05	2.9E-06	2.9E-06		
Benzyl alcohol	4.2E-19					1.9E-07	4.5E-07	2.4E-08	2.4E-08		
bis(2-Ethylhexyl) phthalate	2.1E-14	2.9E-13	4.0E-13	3.4E-13	9.5E-13	8.1E-06	1.9E-05	1.0E-06	1.0E-06	1.7E-14	1.0E-13
Butyl benzyl phthalate	7.5E-15	1.4E-16	1.9E-16	1.6E-16	4.6E-16	2.6E-07	5.9E-07	3.2E-08	3.2E-08	8.1E-18	5.0E-17
Carbazole				6.0E-16	1.7E-15	7.2E-09	1.7E-08	9.0E-10	9.0E-10	2.9E-17	1.8E-16
Dibenzofuran		6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.1E-07	9.4E-07	5.1E-08	5.1E-08	1.0E-14	6.4E-14
Dimethyl phthalate	2.8E-18					1.4E-08	3.3E-08	1.8E-09	1.8E-09		
Di-n-butyl phthalate	7.2E-14	1.4E-16	1.9E-16	1.6E-16	4.6E-16	3.9E-07	9.1E-07	4.9E-08	4.9E-08	8.1E-18	5.0E-17

Table H-105 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	5.4E-19	4.0E-16	5.6E-16	4.7E-16	1.3E-15	2.8E-08	6.4E-08	3.4E-09	3.4E-09	2.3E-17	1.4E-16
Hexachlorobutadiene	2.9E-16					1.9E-06	4.4E-06	2.4E-07	2.4E-07		
Isopropanol						8.7E-02					
Phenol	6.3E-15					1.3E-05	3.0E-05	1.6E-06	1.6E-06		
Pyridine	3.3E-16					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
TRS											
Total Reduced Sulfur						1.2E-05	2.9E-05	1.6E-06	1.6E-06		
VOCs											
1,1,1,2-Tetrachloroethane	1.2E-19					5.8E-09	1.3E-08	7.2E-10	7.2E-10		
1,1,1-Trichloroethane	7.5E-21					5.7E-09	1.3E-08	7.1E-10	7.1E-10		
1,1-Dichloroethene	2.6E-22					1.1E-09	2.6E-09	1.4E-10	1.4E-10		
1,2,3-Trichlorobenzene	8.0E-18					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2,3-Trichloropropane	4.6E-20					4.6E-09	1.1E-08	5.8E-10	5.8E-10		
1,2,4-Trimethylbenzene						2.7E-07	6.2E-07	3.3E-08	3.3E-08		
1,2-Dibromoethane	1.6E-20					3.0E-09	6.8E-09	3.7E-10	3.7E-10		
1,2-Dichloroethane	5.0E-19					1.2E-07	2.7E-07	4.3E-05	4.3E-05		
1,3,5-Trimethylbenzene	2.6E-18					2.5E-07	5.8E-07	3.1E-08	3.1E-08		
1,3-Dichloropropane						2.9E-09	6.6E-09	3.6E-10	3.6E-10		
2-Butanone	1.0E-16					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
2-Chlorotoluene						6.3E-08	1.5E-07	7.9E-09	7.9E-09		
2-Hexanone						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
Benzene	8.5E-17					2.7E-03	8.6E-05	4.2E-04	4.2E-04		
Bromobenzene						1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Bromochloromethane						3.8E-09	8.7E-09	4.7E-10	4.7E-10		

Table H-105 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	1.3E-20					4.1E-09	9.4E-09	5.1E-10	5.1E-10		
Bromomethane	5.7E-20					1.6E-07	3.8E-07	2.0E-08	2.0E-08		
Carbon disulfide	5.4E-20					1.4E-07	3.3E-07	1.8E-08	1.8E-08		
Carbon tetrachloride	5.8E-21					5.6E-03	2.2E-08	6.6E-04	6.6E-04		
Chlorobenzene	2.0E-18					2.1E-07	4.8E-07	2.6E-08	2.6E-08		
Chlorodibromomethane	7.8E-19					1.0E-07	2.3E-07	1.3E-08	1.3E-08		
Chloroethane	1.6E-19					3.9E-07	9.1E-07	4.9E-08	4.9E-08		
Chloroform	1.2E-19					1.9E-03	1.9E-07	1.0E-04	1.0E-04		
Chloromethane	4.2E-19					1.3E-06	3.1E-06	1.7E-07	1.7E-07		
cis-1,2-Dichloroethene	1.6E-19					1.7E-07	3.9E-07	2.1E-08	2.1E-08		
cis-1,3-Dichloropropene						1.0E-09	2.4E-09	1.3E-10	1.3E-10		
Dibromomethane	1.8E-20					8.7E-09	2.0E-08	1.1E-09	1.1E-09		
Dichlorodifluoromethane	2.0E-22					1.1E-08	2.5E-08	1.3E-09	1.3E-09		
Ethylbenzene	6.4E-17					1.6E-03	1.9E-05	1.0E-06	1.0E-06		
Isopropylbenzene	8.4E-20					6.8E-07	1.6E-06	8.4E-08	8.4E-08		
m&p-Xylene	1.0E-17					1.6E-06	3.6E-06	2.0E-07	2.0E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19					1.5E-08	3.5E-08	1.9E-09	1.9E-09		
Methylene chloride	1.1E-18					7.7E-07	1.8E-06	9.7E-08	9.7E-08		
n-Butylbenzene						3.3E-07	7.7E-07	4.2E-08	4.2E-08		
n-Propylbenzene						4.0E-07	9.3E-07	5.0E-08	5.0E-08		
o-Xylene	1.2E-17					9.8E-07	2.3E-06	1.2E-07	1.2E-07		
p-Chlorotoluene						2.4E-08	5.5E-08	3.0E-09	3.0E-09		
p-Isopropyltoluene						1.6E-07	3.8E-07	2.1E-08	2.1E-08		
sec-Butylbenzene						6.1E-08	1.4E-07	7.6E-09	7.6E-09		

Table H-105 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Styrene	4.0E-16					2.2E-05	5.1E-05	2.7E-06	2.7E-06		
tert-Butylbenzene						2.0E-06	4.5E-06	2.4E-07	2.4E-07		
Tetrachloroethene	2.8E-20					5.2E-09	1.2E-08	6.5E-10	6.5E-10		
Toluene	6.7E-17					1.4E-05	3.1E-05	1.7E-06	1.7E-06		
trans-1,2-Dichloroethene	2.5E-18					3.6E-06	8.4E-06	4.5E-07	4.5E-07		
trans-1,3-Dichloropropene						1.8E-09	4.2E-09	2.3E-10	2.3E-10		
Trichloroethene	2.9E-22					4.3E-04	7.2E-10	3.9E-11	3.9E-11		
Trichlorofluoromethane	4.5E-22					3.7E-09	8.6E-09	4.7E-10	4.7E-10		
Vinyl chloride	2.1E-20					6.0E-04	4.9E-07	2.7E-08	2.7E-08		

Table H-106 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					6.2E-07	4.0E-02	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18	
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18	
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19	
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19	
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18	
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19	
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19	
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19	
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20	
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19	
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19	

Table H-106 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.1E-02	2.4E-02					5.3E-07	2.6E-06
Antimony	1.6E-17			2.6E-07	4.8E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.3E-11	5.2E-11
Arsenic	8.1E-16	6.0E-07	4.6E-07	1.4E-06	2.2E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	1.2E-10	3.9E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				3.1E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.5E-09	4.0E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				2.5E-02	4.0E-02					1.2E-06	4.3E-06
Lead	6.9E-18			9.0E-05	5.3E-05	6.0E-09	1.4E-08	7.5E-10	7.5E-10	4.4E-09	5.7E-09
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				9.8E-07	2.7E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	1.9E-06	1.2E-05
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19

Table H-106 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.8E-04	7.9E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.9E-08	8.5E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Thallium (Soluble Salts)				2.7E-07	1.4E-07					1.3E-11	1.6E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	9.0E-08	2.8E-12	8.1E-08	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	1.2E-09	7.6E-09
Benzo(a)pyrene	3.1E-12	8.5E-08	1.2E-12	7.7E-08	2.3E-12	1.2E-09	2.7E-09	1.5E-10	1.5E-10	3.8E-12	2.4E-16
Benzo(b)fluoranthene	8.3E-13	1.3E-07	7.3E-14	1.2E-07	1.3E-13	1.3E-09	3.0E-09	1.6E-10	1.6E-10	5.9E-12	1.4E-17
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	7.1E-08	9.7E-14	6.4E-08	1.8E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.1E-12	1.9E-17

Table H-106 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	1.1E-07	3.8E-12	1.0E-07	6.9E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	5.0E-12	7.4E-16
Dibenze(a,h)anthracene	1.6E-13	2.0E-08	4.7E-13	1.8E-08	8.6E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	8.8E-13	9.3E-17
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	5.7E-08	1.3E-12	5.1E-08	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	2.5E-12	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16

Table H-106 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				9.0E-08	7.8E-08					2.9E-09	1.8E-08
Dieldrin		4.7E-10		5.6E-10						2.7E-14	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
1,4-Dioxane						1.3E-04					
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18

Table H-106 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						2.0E-03					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					6.4E-05	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		

Table H-106 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of		Inhalation of		Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11			
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10			
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10			
Carbon tetrachloride	1.3E-19					1.3E-04	5.0E-10	1.5E-05	1.5E-05			
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10			
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09			
Chloroform	2.8E-18					4.3E-05	4.5E-09	2.4E-06	2.4E-06			
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09			
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10			
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12			
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11			
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11			
Ethylbenzene	1.5E-15					3.7E-05	4.5E-07	2.4E-08	2.4E-08			
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09			
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09			
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11			
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09			
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10			
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09			
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11			
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10			
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10			

Table H-106 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08				
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09				
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11				
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08				
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08				
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12				
Trichloroethene	6.8E-21					1.0E-05	1.7E-11	9.1E-13	9.1E-13				
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11				
Vinyl chloride	4.8E-19					1.4E-05	1.1E-08	6.2E-10	6.2E-10				

Table H-107 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.6E-05	8.3E-05	4.5E-06	4.5E-06		
Aldehydes											
Acetaldehyde	3.9E-15					6.2E-05	1.4E-04	7.8E-06	7.8E-06		
Formaldehyde	1.9E-14					2.6E-05	1.2E+00	3.3E-06	3.3E-06		
Propionaldehyde				9.6E-17	2.7E-16	6.8E-06	1.6E-05	8.5E-07	8.5E-07	7.2E-13	4.4E-12
CO											
Carbon monoxide						1.9E-03	4.4E-03	2.4E-04	2.4E-04		
CO2											
Carbon dioxide						6.0E-05	1.4E-04	7.5E-06	7.5E-06		
Criteria											
Sulfur Dioxide						1.6E-05	3.7E-05	2.0E-06	2.0E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	3.9E-20	3.2E-17	4.5E-17	1.3E-16	3.6E-16	3.6E-11	8.4E-11	4.5E-12	4.5E-12	6.2E-18	3.8E-17
1,2,3,4,6,7,8-HpCDF	3.8E-20	3.3E-17	4.6E-17	1.3E-16	3.6E-16	3.7E-11	8.5E-11	4.6E-12	4.6E-12	6.3E-18	3.9E-17
1,2,3,4,7,8,9-HpCDF	6.2E-21	3.7E-18	5.2E-18	1.5E-17	4.1E-17	4.7E-12	1.1E-11	5.8E-13	5.8E-13	7.2E-19	4.4E-18
1,2,3,4,7,8-HxCDD	4.7E-20	3.7E-18	5.1E-18	1.4E-17	4.0E-17	4.4E-12	1.0E-11	5.4E-13	5.4E-13	7.1E-19	4.4E-18
1,2,3,4,7,8-HxCDF	3.2E-19	2.9E-17	4.1E-17	1.1E-16	3.2E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	5.6E-18	3.5E-17
1,2,3,6,7,8-HxCDD	9.2E-20	7.5E-18	1.0E-17	2.9E-17	8.2E-17	9.2E-12	2.1E-11	1.1E-12	1.1E-12	1.4E-18	8.9E-18
1,2,3,6,7,8-HxCDF	1.2E-19	9.5E-18	1.3E-17	3.7E-17	1.0E-16	1.1E-11	2.7E-11	1.4E-12	1.4E-12	1.8E-18	1.1E-17
1,2,3,7,8,9-HxCDD	1.3E-19	1.2E-17	1.6E-17	4.6E-17	1.3E-16	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.3E-18	1.4E-17
1,2,3,7,8,9-HxCDF	1.0E-20	6.8E-19	9.5E-19	2.7E-18	7.5E-18	8.8E-13	2.0E-12	1.1E-13	1.1E-13	1.3E-19	8.1E-19
1,2,3,7,8-PeCDD	2.9E-19	4.1E-18	5.8E-18	1.6E-17	4.6E-17	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.0E-19	4.9E-18
1,2,3,7,8-PeCDF	4.1E-19	4.9E-18	6.8E-18	1.9E-17	5.4E-17	7.9E-12	1.8E-11	9.9E-13	9.9E-13	9.4E-19	5.8E-18

Table H-107 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	1.7E-19	1.5E-17	2.1E-17	5.9E-17	1.6E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.9E-18	1.8E-17
2,3,4,7,8-PeCDF	6.4E-19	1.2E-17	1.6E-17	4.6E-17	1.3E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.2E-18	1.4E-17
2,3,7,8-TCDD	1.0E-19	8.5E-19	1.2E-18	3.4E-18	9.4E-18	2.2E-12	5.1E-12	2.8E-13	2.8E-13	1.1E-16	7.0E-16
2,3,7,8-TCDF	3.4E-19	1.5E-18	2.2E-18	6.1E-18	1.7E-17	8.2E-12	1.9E-11	1.0E-12	1.0E-12	3.0E-19	1.8E-18
OCDD	5.2E-22	2.2E-17	3.0E-17	8.6E-17	2.4E-16	2.4E-11	5.6E-11	3.0E-12	3.0E-12	4.2E-18	2.6E-17
OCDF	1.9E-22	8.4E-18	1.2E-17	3.3E-17	9.3E-17	9.1E-12	2.1E-11	1.1E-12	1.1E-12	1.6E-18	1.0E-17
HCN											
Hydrogen cyanide						6.8E-06	1.6E-05	8.5E-07	8.5E-07		
Metals											
Aluminum				4.6E-04	8.2E-04					2.3E-05	8.9E-05
Antimony	6.7E-19			1.1E-08	7.2E-09	4.5E-07	1.0E-06	5.6E-08	5.6E-08	5.4E-10	7.8E-10
Arsenic	3.5E-17	2.6E-08	7.8E-09	6.1E-08	3.7E-08	2.5E-08	5.9E-08	3.2E-09	3.2E-09	4.9E-09	6.6E-09
Barium	7.9E-14			7.6E-11	2.1E-10	5.4E-06	1.2E-05	6.7E-07	6.7E-07	3.7E-12	2.3E-11
Beryllium	1.4E-18			4.5E-17	1.3E-16	1.8E-09	4.3E-09	2.3E-10	2.3E-10	2.2E-18	1.4E-17
Cadmium	3.6E-16			3.5E-17	9.8E-17	3.2E-08	7.5E-08	4.1E-09	4.1E-09	1.7E-18	1.1E-17
Chromium	9.4E-17			2.3E-12	6.4E-12	2.8E-07	6.4E-07	3.5E-08	3.5E-08	1.1E-13	6.9E-13
Cobalt				1.3E-06	2.7E-06	4.2E-07	9.7E-07	5.3E-08	5.3E-08	6.6E-08	2.9E-07
Copper				8.3E-12	2.3E-11	7.6E-07	1.8E-06	9.5E-08	9.5E-08	4.1E-13	2.5E-12
Iron				1.1E-03	1.8E-03					5.3E-05	2.0E-04
Lead	3.0E-19			3.9E-06	6.2E-06	2.6E-07	5.9E-07	3.2E-08	3.2E-08	1.9E-07	6.6E-07
Manganese				3.4E-14	9.5E-14	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.7E-15	1.0E-14
Mercury (+2)				7.3E-16	2.1E-15	1.0E-09	2.3E-09	1.3E-10	1.3E-10	3.6E-17	2.2E-16
Mercury, elemental				4.2E-08	1.9E-09	4.2E-12	9.7E-12	5.3E-13	5.3E-13	8.1E-05	5.0E-04
Methyl Mercury	2.8E-16			4.4E-17	1.2E-16					2.1E-18	1.3E-17

Table H-107 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	1.4E-16			2.5E-05	5.7E-05	1.5E-07	3.4E-07	1.9E-08	1.9E-08	1.2E-06	6.1E-06
Phosphorus				3.2E-16	9.0E-16	1.1E-06	2.6E-06	1.4E-07	1.4E-07	3.1E-12	1.9E-11
Selenium	1.2E-17			1.7E-18	4.8E-18	7.5E-09	1.7E-08	9.3E-10	9.3E-10	8.5E-20	5.2E-19
Silver	8.2E-18			2.8E-14	7.8E-14	4.9E-09	1.1E-08	6.1E-10	6.1E-10	1.4E-15	8.4E-15
Thallium (Soluble Salts)				1.1E-08						5.6E-10	
Titanium				3.4E-16	9.6E-16	2.6E-09	6.0E-09	3.3E-10	3.3E-10	1.7E-17	1.0E-16
Zinc	1.8E-13			7.9E-15	2.2E-14	5.9E-06	1.4E-05	7.3E-07	7.3E-07	3.9E-16	2.4E-15
NOx											
NOx (Oxides of Nitrogen)						6.7E-05	1.6E-04	8.4E-06	8.4E-06		
PAHs											
1-Methylnaphthalene		1.0E-17	1.4E-17	9.3E-18	2.6E-17	1.4E-06	3.3E-06	1.8E-07	1.8E-07	1.1E-14	6.5E-14
1-Methylphenanthrene				6.2E-15	1.7E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	3.0E-16	1.9E-15
2,3,5-Trimethylnaphthalene				2.9E-15	8.1E-15	8.4E-08	1.9E-07	1.0E-08	1.0E-08	1.4E-16	8.8E-16
2,6-Dimethylnaphthalene				7.9E-15	2.2E-14	2.2E-07	5.1E-07	2.8E-08	2.8E-08	3.9E-16	2.4E-15
2-Methylnaphthalene		9.9E-18	1.4E-17	9.0E-18	2.5E-17	1.4E-06	3.2E-06	1.7E-07	1.7E-07	1.0E-14	6.4E-14
Acenaphthylene				2.6E-14	7.1E-14	8.1E-07	1.9E-06	1.0E-07	1.0E-07	1.3E-15	7.7E-15
Acenaphthene	1.5E-16					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Anthracene	1.8E-15					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
Benzo(a)anthracene	2.6E-13	3.8E-09	9.8E-14	3.5E-09	1.8E-13	1.3E-07	3.0E-07	1.6E-08	1.6E-08	5.3E-08	3.2E-07
Benzo(a)pyrene	1.3E-13	3.6E-09	5.6E-09	3.3E-09	1.0E-08	5.0E-08	1.2E-07	6.3E-09	6.3E-09	1.6E-10	1.1E-09
Benzo(b)fluoranthene	3.6E-14	5.6E-09	5.1E-09	5.1E-09	9.2E-09	5.6E-08	1.3E-07	7.0E-09	7.0E-09	2.5E-10	1.0E-09
Benzo(e)pyrene				1.5E-15	4.1E-15	4.3E-08	9.9E-08	5.4E-09	5.4E-09	7.2E-17	4.4E-16
Benzo(g,h,i)perylene				1.1E-15	3.0E-15	3.3E-08	7.6E-08	4.1E-09	4.1E-09	5.3E-17	3.2E-16
Benzo(k)fluoranthene	2.6E-16	3.0E-09	2.7E-15	2.8E-09	4.9E-15	5.0E-10	1.2E-09	6.2E-11	6.2E-11	1.3E-10	5.3E-16

Table H-107 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				1.4E-16	4.0E-16	4.8E-06	1.1E-05	6.0E-07	6.0E-07	8.4E-14	5.2E-13
Chrysene	4.5E-14	4.8E-09	1.2E-13	4.4E-09	2.3E-13	2.2E-07	5.1E-07	2.7E-08	2.7E-08	2.2E-10	2.4E-14
Dibenze(a,h)anthracene	6.4E-15	8.5E-10	1.6E-14	7.7E-10	2.9E-14	8.0E-09	1.8E-08	9.9E-10	9.9E-10	3.8E-11	3.1E-15
Fluoranthene	1.2E-14	2.6E-15	3.6E-15	2.3E-15	6.6E-15	3.2E-07	7.4E-07	4.0E-08	4.0E-08	1.1E-16	7.1E-16
Fluorene	2.6E-15					8.0E-07	1.9E-06	1.0E-07	1.0E-07		
Indeno(1,2,3-cd)pyrene	1.6E-14	2.4E-09	4.5E-14	2.2E-09	8.2E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	1.1E-10	8.9E-15
Napthalene	1.2E-15					6.4E-06	1.5E-05	8.0E-07	8.0E-07		
Perylene				5.6E-16	1.6E-15	2.0E-08	4.6E-08	2.5E-09	2.5E-09	2.8E-17	1.7E-16
Phenanthrene	1.3E-14					1.5E-06	3.5E-06	1.9E-07	1.9E-07		
Pyrene	8.7E-15	7.1E-15	9.9E-15	6.5E-15	1.8E-14	3.1E-07	7.2E-07	3.9E-08	3.9E-08	1.8E-13	1.1E-12
Particulate											
Particulate Total Suspended Particulate				1.3E-10	3.6E-10	1.0E-03	2.3E-03	1.3E-04	1.3E-04	6.3E-12	3.9E-11
PM<10				1.6E-10	4.6E-10	1.3E-03	3.1E-03	1.7E-04	1.7E-04	8.0E-12	4.9E-11
PM<2.5				1.4E-10	3.8E-10	1.1E-03	2.6E-03	1.4E-04	1.4E-04	6.7E-12	4.1E-11
PCBs											
Dichlorobiphenyl	2.6E-16	1.5E-17	2.1E-17	1.3E-17	3.6E-17	4.0E-09	9.2E-09	5.0E-10	5.0E-10	1.2E-15	7.4E-15
Heptachlorobiphenyl	9.8E-18	1.7E-18	2.4E-18	1.5E-18	4.1E-18	5.4E-11	1.3E-10	6.8E-12	6.8E-12	7.4E-17	4.6E-16
Hexachlorobiphenyl	4.0E-17	7.8E-18	1.1E-17	6.6E-18	1.9E-17	2.3E-10	5.3E-10	2.9E-11	2.9E-11	3.4E-16	2.1E-15
Monochlorobiphenyl	1.8E-15	1.1E-16	1.5E-16	8.9E-17	2.5E-16	2.8E-08	6.4E-08	3.5E-09	3.5E-09	8.3E-15	5.1E-14
Nonachlorobiphenyl	1.2E-18	3.1E-19	4.3E-19	2.6E-19	7.2E-19	7.7E-12	1.8E-11	9.6E-13	9.6E-13	1.3E-17	8.1E-17
Octachlorobiphenyl	2.9E-18	5.6E-19	7.9E-19	4.7E-19	1.3E-18	1.7E-11	3.8E-11	2.1E-12	2.1E-12	2.4E-17	1.5E-16
Pentachlorobiphenyl	1.3E-16	2.8E-17	3.9E-17	2.4E-17	6.7E-17	7.8E-10	1.8E-09	9.8E-11	9.8E-11	1.2E-15	7.5E-15
Tetrachlorobiphenyl	7.7E-17	5.8E-18	8.1E-18	4.9E-18	1.4E-17	1.3E-09	3.0E-09	1.6E-10	1.6E-10	4.6E-16	2.8E-15
Trichlorobiphenyl	1.0E-16	7.0E-18	9.7E-18	5.9E-18	1.6E-17	1.6E-09	3.8E-09	2.0E-10	2.0E-10	5.5E-16	3.4E-15

Table H-107 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				3.9E-09	1.2E-08					1.2E-07	7.5E-07
Dieldrin		2.0E-11		2.4E-11						1.2E-12	
SVOCs											
1,2,4-trichlorobenzene						1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,2-dichlorobenzene	1.2E-19					4.7E-09	1.1E-08	5.8E-10	5.8E-10		
1,3-dichlorobenzene	3.0E-19					7.0E-09	1.6E-08	8.7E-10	8.7E-10		
1,4-dichlorobenzene	4.0E-18					6.5E-08	1.5E-07	8.1E-09	8.1E-09		
1,4-Dioxane						5.5E-03					
2,4-Dimethylphenol	1.1E-16					1.0E-06	2.4E-06	1.3E-07	1.3E-07		
2-Chlorophenol	5.5E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
2-Methylphenol	2.3E-15					2.4E-06	5.5E-06	3.0E-07	3.0E-07		
2-Nitrophenol	1.4E-17					3.2E-07	7.5E-07	4.0E-08	4.0E-08		
3-Methylphenol & 4-Methylphenol				1.6E-13	4.4E-13	4.3E-06	9.9E-06	5.4E-07	5.4E-07	7.7E-15	4.8E-14
4-Nitrophenol	2.8E-17					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Acetophenone	1.7E-16					5.1E-06	1.2E-05	6.4E-07	6.4E-07		
Benzoic acid	6.8E-16					2.3E-05	5.3E-05	2.9E-06	2.9E-06		
Benzyl alcohol	4.2E-19					1.9E-07	4.5E-07	2.4E-08	2.4E-08		
bis(2-Ethylhexyl) phthalate	2.1E-14	2.9E-13	4.0E-13	3.4E-13	9.5E-13	8.1E-06	1.9E-05	1.0E-06	1.0E-06	1.7E-14	1.0E-13
Butyl benzyl phthalate	7.5E-15	1.4E-16	1.9E-16	1.6E-16	4.6E-16	2.6E-07	5.9E-07	3.2E-08	3.2E-08	8.1E-18	5.0E-17
Carbazole				6.0E-16	1.7E-15	7.2E-09	1.7E-08	9.0E-10	9.0E-10	2.9E-17	1.8E-16
Dibenzofuran		6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.1E-07	9.4E-07	5.1E-08	5.1E-08	1.0E-14	6.4E-14
Dimethyl phthalate	2.8E-18					1.4E-08	3.3E-08	1.8E-09	1.8E-09		
Di-n-butyl phthalate	7.2E-14	1.4E-16	1.9E-16	1.6E-16	4.6E-16	3.9E-07	9.1E-07	4.9E-08	4.9E-08	8.1E-18	5.0E-17

Table H-107 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	5.4E-19	4.0E-16	5.6E-16	4.7E-16	1.3E-15	2.8E-08	6.4E-08	3.4E-09	3.4E-09	2.3E-17	1.4E-16
Hexachlorobutadiene	2.9E-16					1.9E-06	4.4E-06	2.4E-07	2.4E-07		
Isopropanol						8.7E-02					
Phenol	6.3E-15					1.3E-05	3.0E-05	1.6E-06	1.6E-06		
Pyridine	3.3E-16					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
TRS											
Total Reduced Sulfur						1.2E-05	2.9E-05	1.6E-06	1.6E-06		
VOCs											
1,1,1,2-Tetrachloroethane	1.2E-19					5.8E-09	1.3E-08	7.2E-10	7.2E-10		
1,1,1-Trichloroethane	7.5E-21					5.7E-09	1.3E-08	7.1E-10	7.1E-10		
1,1-Dichloroethene	2.6E-22					1.1E-09	2.6E-09	1.4E-10	1.4E-10		
1,2,3-Trichlorobenzene	8.0E-18					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2,3-Trichloropropane	4.6E-20					4.6E-09	1.1E-08	5.8E-10	5.8E-10		
1,2,4-Trimethylbenzene						2.7E-07	6.2E-07	3.3E-08	3.3E-08		
1,2-Dibromoethane	1.6E-20					3.0E-09	6.8E-09	3.7E-10	3.7E-10		
1,2-Dichloroethane	5.0E-19					1.2E-07	2.7E-07	4.3E-05	4.3E-05		
1,3,5-Trimethylbenzene	2.6E-18					2.5E-07	5.8E-07	3.1E-08	3.1E-08		
1,3-Dichloropropane						2.9E-09	6.6E-09	3.6E-10	3.6E-10		
2-Butanone	1.0E-16					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
2-Chlorotoluene						6.3E-08	1.5E-07	7.9E-09	7.9E-09		
2-Hexanone						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
Benzene	8.5E-17					2.7E-03	8.6E-05	4.2E-04	4.2E-04		
Bromobenzene						1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Bromochloromethane						3.8E-09	8.7E-09	4.7E-10	4.7E-10		

Table H-107 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	1.3E-20					4.1E-09	9.4E-09	5.1E-10	5.1E-10		
Bromomethane	5.7E-20					1.6E-07	3.8E-07	2.0E-08	2.0E-08		
Carbon disulfide	5.4E-20					1.4E-07	3.3E-07	1.8E-08	1.8E-08		
Carbon tetrachloride	5.8E-21					5.6E-03	2.2E-08	6.6E-04	6.6E-04		
Chlorobenzene	2.0E-18					2.1E-07	4.8E-07	2.6E-08	2.6E-08		
Chlorodibromomethane	7.8E-19					1.0E-07	2.3E-07	1.3E-08	1.3E-08		
Chloroethane	1.6E-19					3.9E-07	9.1E-07	4.9E-08	4.9E-08		
Chloroform	1.2E-19					1.9E-03	1.9E-07	1.0E-04	1.0E-04		
Chloromethane	4.2E-19					1.3E-06	3.1E-06	1.7E-07	1.7E-07		
cis-1,2-Dichloroethene	1.6E-19					1.7E-07	3.9E-07	2.1E-08	2.1E-08		
cis-1,3-Dichloropropene						1.0E-09	2.4E-09	1.3E-10	1.3E-10		
Dibromomethane	1.8E-20					8.7E-09	2.0E-08	1.1E-09	1.1E-09		
Dichlorodifluoromethane	2.0E-22					1.1E-08	2.5E-08	1.3E-09	1.3E-09		
Ethylbenzene	6.4E-17					1.6E-03	1.9E-05	1.0E-06	1.0E-06		
Isopropylbenzene	8.4E-20					6.8E-07	1.6E-06	8.4E-08	8.4E-08		
m&p-Xylene	1.0E-17					1.6E-06	3.6E-06	2.0E-07	2.0E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19					1.5E-08	3.5E-08	1.9E-09	1.9E-09		
Methylene chloride	1.1E-18					7.7E-07	1.8E-06	9.7E-08	9.7E-08		
n-Butylbenzene						3.3E-07	7.7E-07	4.2E-08	4.2E-08		
n-Propylbenzene						4.0E-07	9.3E-07	5.0E-08	5.0E-08		
o-Xylene	1.2E-17					9.8E-07	2.3E-06	1.2E-07	1.2E-07		
p-Chlorotoluene						2.4E-08	5.5E-08	3.0E-09	3.0E-09		
p-Isopropyltoluene						1.6E-07	3.8E-07	2.1E-08	2.1E-08		
sec-Butylbenzene						6.1E-08	1.4E-07	7.6E-09	7.6E-09		

Table H-107 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Styrene	4.0E-16					2.2E-05	5.1E-05	2.7E-06	2.7E-06		
tert-Butylbenzene						2.0E-06	4.5E-06	2.4E-07	2.4E-07		
Tetrachloroethene	2.8E-20					5.2E-09	1.2E-08	6.5E-10	6.5E-10		
Toluene	6.7E-17					1.4E-05	3.1E-05	1.7E-06	1.7E-06		
trans-1,2-Dichloroethene	2.5E-18					3.6E-06	8.4E-06	4.5E-07	4.5E-07		
trans-1,3-Dichloropropene						1.8E-09	4.2E-09	2.3E-10	2.3E-10		
Trichloroethene	2.9E-22					4.3E-04	7.2E-10	3.9E-11	3.9E-11		
Trichlorofluoromethane	4.5E-22					3.7E-09	8.6E-09	4.7E-10	4.7E-10		
Vinyl chloride	2.1E-20					6.0E-04	4.9E-07	2.7E-08	2.7E-08		

Table H-108 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					6.2E-07	2.7E-02	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19

Table H-108 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.1E-02	1.9E-02					5.3E-07	2.1E-06
Antimony	1.6E-17			2.6E-07	1.7E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.3E-11	1.8E-11
Arsenic	8.1E-16	6.0E-07	1.8E-07	1.4E-06	8.6E-07	5.9E-10	1.4E-09	7.4E-11	7.4E-11	1.2E-10	1.6E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				3.1E-05	6.4E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.5E-09	6.9E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				2.5E-02	4.3E-02					1.2E-06	4.7E-06
Lead	6.9E-18			9.0E-05	1.4E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	4.4E-09	1.6E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				9.8E-07	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	1.9E-06	1.2E-05
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19

Table H-108 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.8E-04	1.3E-03	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.9E-08	1.4E-07
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Thallium (Soluble Salts)				2.7E-07						1.3E-11	
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	9.0E-08	2.8E-12	8.1E-08	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	1.2E-09	7.6E-09
Benzo(a)pyrene	3.1E-12	8.5E-08	1.3E-07	7.7E-08	2.4E-07	1.2E-09	2.7E-09	1.5E-10	1.5E-10	3.8E-12	2.6E-11
Benzo(b)fluoranthene	8.3E-13	1.3E-07	1.2E-07	1.2E-07	2.2E-07	1.3E-09	3.0E-09	1.6E-10	1.6E-10	5.9E-12	2.3E-11
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	7.1E-08	9.7E-14	6.4E-08	1.8E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.1E-12	1.9E-17

Table H-108 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	1.1E-07	3.8E-12	1.0E-07	6.9E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	5.0E-12	7.4E-16
Dibenze(a,h)anthracene	1.6E-13	2.0E-08	4.7E-13	1.8E-08	8.6E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	8.8E-13	9.3E-17
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	5.7E-08	1.3E-12	5.1E-08	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	2.5E-12	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16

Table H-108 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				9.0E-08	2.8E-07					2.9E-09	1.8E-08
Dieldrin		4.7E-10		5.6E-10						2.7E-14	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
1,4-Dioxane						1.3E-04					
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18

Table H-108 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						2.0E-03					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					6.4E-05	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		

Table H-108 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.3E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					4.3E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					3.7E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		

Table H-108 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08				
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09				
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11				
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08				
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08				
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12				
Trichloroethene	6.8E-21					1.0E-05	1.7E-11	9.1E-13	9.1E-13				
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11				
Vinyl chloride	4.8E-19					1.4E-05	1.1E-08	6.2E-10	6.2E-10				

Table H-109 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.6E-05	1.3E-03	4.5E-06	4.3E-04		
Aldehydes											
Acetaldehyde	3.9E-15					6.2E-05	2.2E-03	7.8E-06	7.4E-04		
Formaldehyde	1.9E-14					2.6E-05	8.7E-04	3.3E-06	2.9E-04		
Propionaldehyde				9.6E-17	3.1E-15	6.8E-06	2.5E-04	8.5E-07	8.2E-05	7.2E-13	5.1E-11
CO											
Carbon monoxide						1.9E-03	7.1E-02	2.4E-04	2.4E-02		
CO2											
Carbon dioxide						6.0E-05	2.1E-03	7.5E-06	7.2E-04		
Criteria											
Sulfur Dioxide						1.6E-05	5.2E-04	2.0E-06	1.7E-04		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	3.9E-20	3.2E-17	6.0E-16	1.3E-16	4.8E-15	3.6E-11	1.4E-09	4.5E-12	4.8E-10	6.2E-18	5.1E-16
1,2,3,4,6,7,8-HpCDF	3.8E-20	3.3E-17	6.0E-16	1.3E-16	4.8E-15	3.7E-11	1.5E-09	4.6E-12	4.9E-10	6.3E-18	5.1E-16
1,2,3,4,7,8,9-HpCDF	6.2E-21	3.7E-18	7.3E-17	1.5E-17	5.7E-16	4.7E-12	1.9E-10	5.8E-13	6.3E-11	7.2E-19	6.2E-17
1,2,3,4,7,8-HxCDD	4.7E-20	3.7E-18	7.1E-17	1.4E-17	5.6E-16	4.4E-12	1.8E-10	5.4E-13	5.9E-11	7.1E-19	6.0E-17
1,2,3,4,7,8-HxCDF	3.2E-19	2.9E-17	5.6E-16	1.1E-16	4.4E-15	3.5E-11	1.4E-09	4.4E-12	4.8E-10	5.6E-18	4.8E-16
1,2,3,6,7,8-HxCDD	9.2E-20	7.5E-18	1.4E-16	2.9E-17	1.1E-15	9.2E-12	3.7E-10	1.1E-12	1.2E-10	1.4E-18	1.2E-16
1,2,3,6,7,8-HxCDF	1.2E-19	9.5E-18	1.9E-16	3.7E-17	1.5E-15	1.1E-11	4.7E-10	1.4E-12	1.6E-10	1.8E-18	1.6E-16
1,2,3,7,8,9-HxCDD	1.3E-19	1.2E-17	2.3E-16	4.6E-17	1.8E-15	1.4E-11	5.6E-10	1.7E-12	1.9E-10	2.3E-18	1.9E-16
1,2,3,7,8,9-HxCDF	1.0E-20	6.8E-19	1.3E-17	2.7E-18	1.1E-16	8.8E-13	3.6E-11	1.1E-13	1.2E-11	1.3E-19	1.1E-17
1,2,3,7,8-PeCDD	2.9E-19	4.1E-18	8.1E-17	1.6E-17	6.4E-16	5.5E-12	2.3E-10	6.9E-13	7.5E-11	8.0E-19	6.9E-17
1,2,3,7,8-PeCDF	4.1E-19	4.9E-18	9.6E-17	1.9E-17	7.5E-16	7.9E-12	3.2E-10	9.9E-13	1.1E-10	9.4E-19	8.1E-17

Table H-109 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	1.7E-19	1.5E-17	2.8E-16	5.9E-17	2.2E-15	1.8E-11	7.1E-10	2.2E-12	2.4E-10	2.9E-18	2.4E-16
2,3,4,7,8-PeCDF	6.4E-19	1.2E-17	2.3E-16	4.6E-17	1.8E-15	1.8E-11	7.2E-10	2.2E-12	2.4E-10	2.2E-18	1.9E-16
2,3,7,8-TCDD	1.0E-19	8.5E-19	1.2E-17	3.4E-18	9.7E-17	2.2E-12	7.4E-11	2.8E-13	2.5E-11	1.1E-16	7.3E-15
2,3,7,8-TCDF	3.4E-19	1.5E-18	3.1E-17	6.1E-18	2.4E-16	8.2E-12	3.4E-10	1.0E-12	1.1E-10	3.0E-19	2.6E-17
OCDD	5.2E-22	2.2E-17	4.0E-16	8.6E-17	3.2E-15	2.4E-11	9.5E-10	3.0E-12	3.2E-10	4.2E-18	3.4E-16
OCDF	1.9E-22	8.4E-18	1.5E-16	3.3E-17	1.2E-15	9.1E-12	3.5E-10	1.1E-12	1.2E-10	1.6E-18	1.3E-16
HCN											
Hydrogen cyanide						6.8E-06	2.6E-04	8.5E-07	8.8E-05		
Metals											
Aluminum				4.6E-04						2.3E-05	
Antimony	6.7E-19			1.1E-08		4.5E-07	1.1E-05	5.6E-08	3.7E-06	5.4E-10	
Arsenic	3.5E-17	2.6E-08	2.1E-18	6.1E-08	9.8E-18	2.5E-08	9.0E-07	3.2E-09	3.0E-07	4.9E-09	1.8E-18
Barium	7.9E-14			7.6E-11	2.6E-09	5.4E-06	1.5E-04	6.7E-07	4.8E-05	3.7E-12	2.8E-10
Beryllium	1.4E-18			4.5E-17	1.7E-15	1.8E-09	6.2E-08	2.3E-10	2.1E-08	2.2E-18	1.8E-16
Cadmium	3.6E-16			3.5E-17	1.3E-15	3.2E-08	1.1E-06	4.1E-09	3.8E-07	1.7E-18	1.4E-16
Chromium	9.4E-17			2.3E-12	8.9E-11	2.8E-07	9.9E-06	3.5E-08	3.3E-06	1.1E-13	9.6E-12
Cobalt				1.3E-06	2.4E-10	4.2E-07	7.7E-06	5.3E-08	2.6E-06	6.6E-08	2.6E-11
Copper				8.3E-12	3.2E-10	7.6E-07	2.6E-05	9.5E-08	8.7E-06	4.1E-13	3.4E-11
Iron				1.1E-03						5.3E-05	
Lead	3.0E-19			3.9E-06	1.6E-13	2.6E-07	8.4E-06	3.2E-08	2.8E-06	1.9E-07	1.8E-14
Manganese				3.4E-14	1.3E-12	2.3E-07	8.1E-06	2.9E-08	2.7E-06	1.7E-15	1.4E-13
Mercury (+2)				7.3E-16	2.3E-14	1.0E-09	3.6E-08	1.3E-10	1.2E-08	3.6E-17	2.4E-15
Mercury, elemental				4.2E-08		4.2E-12	1.5E-10	5.3E-13	4.9E-11	8.1E-05	
Methyl Mercury	2.8E-16			4.4E-17	1.7E-15					2.1E-18	1.8E-16

Table H-109 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	1.4E-16			2.5E-05	6.6E-15	1.5E-07	5.1E-06	1.9E-08	1.7E-06	1.2E-06	7.2E-16
Phosphorus				3.2E-16	1.2E-14	1.1E-06	3.7E-05	1.4E-07	1.2E-05	3.1E-12	2.5E-10
Selenium	1.2E-17			1.7E-18	6.6E-17	7.5E-09	2.6E-07	9.3E-10	8.7E-08	8.5E-20	7.2E-18
Silver	8.2E-18			2.8E-14	1.0E-12	4.9E-09	1.6E-07	6.1E-10	5.3E-08	1.4E-15	1.1E-13
Thallium (Soluble Salts)				1.1E-08						5.6E-10	
Titanium				3.4E-16	1.4E-14	2.6E-09	9.8E-08	3.3E-10	3.3E-08	1.7E-17	1.5E-15
Zinc	1.8E-13			7.9E-15	2.8E-13	5.9E-06	1.7E-04	7.3E-07	5.6E-05	3.9E-16	3.0E-14
NOx											
NOx (Oxides of Nitrogen)						6.7E-05	2.2E-03	8.4E-06	7.5E-04		
PAHs											
1-Methylnaphthalene		1.0E-17	2.1E-16	9.3E-18	3.8E-16	1.4E-06	5.9E-05	1.8E-07	2.0E-05	1.1E-14	9.5E-13
1-Methylphenanthrene				6.2E-15	2.6E-13	1.7E-07	7.1E-06	2.1E-08	2.4E-06	3.0E-16	2.8E-14
2,3,5-Trimethylnaphthalene				2.9E-15	1.3E-13	8.4E-08	3.6E-06	1.0E-08	1.2E-06	1.4E-16	1.4E-14
2,6-Dimethylnaphthalene				7.9E-15	3.4E-13	2.2E-07	9.3E-06	2.8E-08	3.1E-06	3.9E-16	3.6E-14
2-Methylnaphthalene		9.9E-18	2.0E-16	9.0E-18	3.7E-16	1.4E-06	5.7E-05	1.7E-07	1.9E-05	1.0E-14	9.3E-13
Acenaphthylene				2.6E-14	1.1E-12	8.1E-07	3.4E-05	1.0E-07	1.1E-05	1.3E-15	1.2E-13
Acenaphthene	1.5E-16					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Anthracene	1.8E-15					2.6E-07	1.1E-05	3.2E-08	3.7E-06		
Benzo(a)anthracene	2.6E-13	3.8E-09	1.6E-12	3.5E-09	2.9E-12	1.3E-07	5.5E-06	1.6E-08	1.8E-06	5.3E-08	9.5E-11
Benzo(a)pyrene	1.3E-13	3.6E-09	6.8E-13	3.3E-09	1.2E-12	5.0E-08	2.1E-06	6.3E-09	7.0E-07	1.6E-10	1.3E-13
Benzo(b)fluoranthene	3.6E-14	5.6E-09	3.6E-14	5.1E-09	6.6E-14	5.6E-08	2.3E-06	7.0E-09	7.6E-07	2.5E-10	7.2E-15
Benzo(e)pyrene				1.5E-15	5.7E-14	4.3E-08	1.8E-06	5.4E-09	5.8E-07	7.2E-17	6.2E-15
Benzo(g,h,i)perylene				1.1E-15	4.4E-14	3.3E-08	1.4E-06	4.1E-09	4.5E-07	5.3E-17	4.7E-15
Benzo(k)fluoranthene	2.6E-16	3.0E-09	1.8E-14	2.8E-09	3.3E-14	5.0E-10	8.9E-09	6.2E-11	3.0E-09	1.3E-10	3.5E-15

Table H-109 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				1.4E-16	6.0E-15	4.8E-06	2.0E-04	6.0E-07	6.7E-05	8.4E-14	7.7E-12
Chrysene	4.5E-14	4.8E-09	1.8E-12	4.4E-09	3.3E-12	2.2E-07	9.1E-06	2.7E-08	3.0E-06	2.2E-10	3.5E-13
Dibenze(a,h)anthracene	6.4E-15	8.5E-10	2.3E-13	7.7E-10	4.1E-13	8.0E-09	3.3E-07	9.9E-10	1.1E-07	3.8E-11	4.4E-14
Fluoranthene	1.2E-14	2.6E-15	5.2E-14	2.3E-15	9.6E-14	3.2E-07	1.3E-05	4.0E-08	4.4E-06	1.1E-16	1.0E-14
Fluorene	2.6E-15					8.0E-07	3.4E-05	1.0E-07	1.1E-05		
Indeno(1,2,3-cd)pyrene	1.6E-14	2.4E-09	6.5E-13	2.2E-09	1.2E-12	2.6E-08	1.1E-06	3.3E-09	3.6E-07	1.1E-10	1.3E-13
Napthalene	1.2E-15					6.4E-06	2.7E-04	8.0E-07	8.8E-05		
Perylene				5.6E-16	2.6E-14	2.0E-08	8.7E-07	2.5E-09	2.9E-07	2.8E-17	2.8E-15
Phenanthrene	1.3E-14					1.5E-06	6.2E-05	1.9E-07	2.1E-05		
Pyrene	8.7E-15	7.1E-15	1.5E-13	6.5E-15	2.7E-13	3.1E-07	1.3E-05	3.9E-08	4.3E-06	1.8E-13	1.6E-11
Particulate											
Particulate Total Suspended Particulate				1.3E-10	5.2E-09	1.0E-03	3.9E-02	1.3E-04	1.3E-02	6.3E-12	5.6E-10
PM<10				1.6E-10	6.8E-09	1.3E-03	5.2E-02	1.7E-04	1.7E-02	8.0E-12	7.3E-10
PM<2.5				1.4E-10	5.7E-09	1.1E-03	4.5E-02	1.4E-04	1.5E-02	6.7E-12	6.2E-10
PCBs											
Dichlorobiphenyl	2.6E-16	1.5E-17	3.0E-16	1.3E-17	5.1E-16	4.0E-09	1.6E-07	5.0E-10	5.4E-08	1.2E-15	1.0E-13
Heptachlorobiphenyl	9.8E-18	1.7E-18	3.3E-17	1.5E-18	5.7E-17	5.4E-11	2.2E-09	6.8E-12	7.3E-10	7.4E-17	6.3E-15
Hexachlorobiphenyl	4.0E-17	7.8E-18	1.4E-16	6.6E-18	2.4E-16	2.3E-10	8.9E-09	2.9E-11	3.0E-09	3.4E-16	2.7E-14
Monochlorobiphenyl	1.8E-15	1.1E-16	2.1E-15	8.9E-17	3.5E-15	2.8E-08	1.1E-06	3.5E-09	3.8E-07	8.3E-15	7.3E-13
Nonachlorobiphenyl	1.2E-18	3.1E-19	4.8E-18	2.6E-19	8.0E-18	7.7E-12	2.7E-10	9.6E-13	9.1E-11	1.3E-17	9.0E-16
Octachlorobiphenyl	2.9E-18	5.6E-19	1.0E-17	4.7E-19	1.7E-17	1.7E-11	6.5E-10	2.1E-12	2.2E-10	2.4E-17	1.9E-15
Pentachlorobiphenyl	1.3E-16	2.8E-17	4.8E-16	2.4E-17	8.2E-16	7.8E-10	3.0E-08	9.8E-11	9.9E-09	1.2E-15	9.1E-14
Tetrachlorobiphenyl	7.7E-17	5.8E-18	9.8E-17	4.9E-18	1.7E-16	1.3E-09	4.8E-08	1.6E-10	1.6E-08	4.6E-16	3.4E-14
Trichlorobiphenyl	1.0E-16	7.0E-18	1.2E-16	5.9E-18	2.1E-16	1.6E-09	6.3E-08	2.0E-10	2.1E-08	5.5E-16	4.3E-14

Table H-109 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				3.9E-09						1.2E-07	
Dieldrin		2.0E-11		2.4E-11						1.2E-12	
SVOCs											
1,2,4-trichlorobenzene						1.2E-08	3.7E-07	1.4E-09	1.2E-07		
1,2-dichlorobenzene	1.2E-19					4.7E-09	8.3E-08	5.8E-10	2.8E-08		
1,3-dichlorobenzene	3.0E-19					7.0E-09	2.4E-07	8.7E-10	7.9E-08		
1,4-dichlorobenzene	4.0E-18					6.5E-08	2.9E-06	8.1E-09	9.7E-07		
1,4-Dioxane						5.5E-03					
2,4-Dimethylphenol	1.1E-16					1.0E-06	4.1E-05	1.3E-07	1.4E-05		
2-Chlorophenol	5.5E-18					2.0E-07	8.8E-06	2.5E-08	2.9E-06		
2-Methylphenol	2.3E-15					2.4E-06	1.0E-04	3.0E-07	3.3E-05		
2-Nitrophenol	1.4E-17					3.2E-07	1.3E-05	4.0E-08	4.5E-06		
3-Methylphenol & 4-Methylphenol				1.6E-13	6.5E-12	4.3E-06	1.8E-04	5.4E-07	6.0E-05	7.7E-15	7.1E-13
4-Nitrophenol	2.8E-17					5.4E-07	2.1E-05	6.7E-08	6.9E-06		
Acetophenone	1.7E-16					5.1E-06	2.1E-04	6.4E-07	7.0E-05		
Benzoic acid	6.8E-16					2.3E-05	9.6E-04	2.9E-06	3.2E-04		
Benzyl alcohol	4.2E-19					1.9E-07	5.8E-06	2.4E-08	1.9E-06		
bis(2-Ethylhexyl) phthalate	2.1E-14	2.9E-13	5.2E-12	3.4E-13	1.2E-11	8.1E-06	3.2E-04	1.0E-06	1.1E-04	1.7E-14	1.3E-12
Butyl benzyl phthalate	7.5E-15	1.4E-16	2.8E-15	1.6E-16	6.7E-15	2.6E-07	1.1E-05	3.2E-08	3.5E-06	8.1E-18	7.3E-16
Carbazole				6.0E-16	1.1E-14	7.2E-09	1.3E-07	9.0E-10	4.3E-08	2.9E-17	1.2E-15
Dibenzofuran		6.2E-18	1.2E-16	2.4E-17	9.7E-16	4.1E-07	1.7E-05	5.1E-08	5.6E-06	1.0E-14	9.1E-13
Dimethyl phthalate	2.8E-18					1.4E-08	2.5E-07	1.8E-09	8.5E-08		
Di-n-butyl phthalate	7.2E-14	1.4E-16	2.9E-15	1.6E-16	6.8E-15	3.9E-07	1.6E-05	4.9E-08	5.4E-06	8.1E-18	7.3E-16

Table H-109 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	5.4E-19	4.0E-16	3.7E-15	4.7E-16	8.8E-15	2.8E-08	4.9E-07	3.4E-09	1.6E-07	2.3E-17	9.5E-16
Hexachlorobutadiene	2.9E-16					1.9E-06	3.4E-05	2.4E-07	1.1E-05		
Isopropanol						8.7E-02					
Phenol	6.3E-15					1.3E-05	5.3E-04	1.6E-06	1.8E-04		
Pyridine	3.3E-16					1.2E-06	5.1E-05	1.5E-07	1.7E-05		
TRS											
Total Reduced Sulfur						1.2E-05	5.4E-04	1.6E-06	1.8E-04		
VOCs											
1,1,1,2-Tetrachloroethane	1.2E-19					5.8E-09	2.0E-07	7.2E-10	6.5E-08		
1,1,1-Trichloroethane	7.5E-21					5.7E-09	2.1E-07	7.1E-10	7.1E-08		
1,1-Dichloroethene	2.6E-22					1.1E-09	2.0E-08	1.4E-10	6.6E-09		
1,2,3-Trichlorobenzene	8.0E-18					2.3E-08	8.5E-07	2.9E-09	2.8E-07		
1,2,3-Trichloropropane	4.6E-20					4.6E-09	8.3E-08	5.8E-10	2.8E-08		
1,2,4-Trimethylbenzene						2.7E-07	8.5E-06	3.3E-08	2.8E-06		
1,2-Dibromoethane	1.6E-20					3.0E-09	5.3E-08	3.7E-10	1.8E-08		
1,2-Dichloroethane	5.0E-19					1.2E-07	4.5E-06	4.3E-05	1.5E-06		
1,3,5-Trimethylbenzene	2.6E-18					2.5E-07	7.5E-06	3.1E-08	2.5E-06		
1,3-Dichloropropane						2.9E-09	5.1E-08	3.6E-10	1.7E-08		
2-Butanone	1.0E-16					1.4E-06	5.6E-05	1.8E-07	1.9E-05		
2-Chlorotoluene						6.3E-08	2.6E-06	7.9E-09	8.7E-07		
2-Hexanone						2.9E-07	1.1E-05	3.6E-08	3.5E-06		
Benzene	8.5E-17					2.7E-03	1.5E-03	4.2E-04	4.9E-04		
Bromobenzene						1.6E-06	2.8E-05	2.0E-07	9.5E-06		
Bromochloromethane						3.8E-09	6.7E-08	4.7E-10	2.2E-08		

Table H-109 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromodichloromethane	1.3E-20					4.1E-09	7.3E-08	5.1E-10	2.4E-08		
Bromomethane	5.7E-20					1.6E-07	4.9E-06	2.0E-08	1.6E-06		
Carbon disulfide	5.4E-20					1.4E-07	4.2E-06	1.8E-08	1.4E-06		
Carbon tetrachloride	5.8E-21					5.6E-03	1.7E-07	6.6E-04	5.6E-08		
Chlorobenzene	2.0E-18					2.1E-07	7.4E-06	2.6E-08	2.5E-06		
Chlorodibromomethane	7.8E-19					1.0E-07	1.8E-06	1.3E-08	6.0E-07		
Chloroethane	1.6E-19					3.9E-07	1.4E-05	4.9E-08	4.5E-06		
Chloroform	1.2E-19					1.9E-03	1.6E-06	1.0E-04	5.5E-07		
Chloromethane	4.2E-19					1.3E-06	4.0E-05	1.7E-07	1.3E-05		
cis-1,2-Dichloroethene	1.6E-19					1.7E-07	3.0E-06	2.1E-08	1.0E-06		
cis-1,3-Dichloropropene						1.0E-09	1.9E-08	1.3E-10	6.2E-09		
Dibromomethane	1.8E-20					8.7E-09	1.6E-07	1.1E-09	5.2E-08		
Dichlorodifluoromethane	2.0E-22					1.1E-08	1.9E-07	1.3E-09	6.3E-08		
Ethylbenzene	6.4E-17					1.6E-03	3.2E-04	1.0E-06	1.1E-04		
Isopropylbenzene	8.4E-20					6.8E-07	2.3E-05	8.4E-08	7.7E-06		
m&p-Xylene	1.0E-17					1.6E-06	5.3E-05	2.0E-07	1.8E-05		
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19					1.5E-08	2.7E-07	1.9E-09	9.1E-08		
Methylene chloride	1.1E-18					7.7E-07	2.8E-05	9.7E-08	9.5E-06		
n-Butylbenzene						3.3E-07	9.9E-06	4.2E-08	3.3E-06		
n-Propylbenzene						4.0E-07	1.3E-05	5.0E-08	4.4E-06		
o-Xylene	1.2E-17					9.8E-07	3.3E-05	1.2E-07	1.1E-05		
p-Chlorotoluene						2.4E-08	7.2E-07	3.0E-09	2.4E-07		
p-Isopropyltoluene						1.6E-07	3.9E-06	2.1E-08	1.3E-06		
sec-Butylbenzene						6.1E-08	1.9E-06	7.6E-09	6.2E-07		

Table H-109 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Styrene	4.0E-16					2.2E-05	8.0E-04	2.7E-06	2.7E-04		
tert-Butylbenzene						2.0E-06	3.5E-05	2.4E-07	1.2E-05		
Tetrachloroethene	2.8E-20					5.2E-09	1.8E-07	6.5E-10	6.0E-08		
Toluene	6.7E-17					1.4E-05	5.3E-04	1.7E-06	1.8E-04		
trans-1,2-Dichloroethene	2.5E-18					3.6E-06	6.5E-05	4.5E-07	2.2E-05		
trans-1,3-Dichloropropene						1.8E-09	3.2E-08	2.3E-10	1.1E-08		
Trichloroethene	2.9E-22					4.3E-04	5.6E-09	3.9E-11	1.9E-09		
Trichlorofluoromethane	4.5E-22					3.7E-09	6.7E-08	4.7E-10	2.2E-08		
Vinyl chloride	2.1E-20					6.0E-04	5.2E-06	2.7E-08	1.7E-06		

Table H-110 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	3.0E-05	1.0E-07	9.9E-06		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	5.2E-05	1.8E-07	1.7E-05		
Formaldehyde	4.5E-13					6.2E-07	2.0E-05	7.7E-08	6.8E-06		
Propionaldehyde				2.2E-15	7.2E-14	1.6E-07	5.8E-06	2.0E-08	1.9E-06	1.7E-14	1.2E-12
CO											
Carbon monoxide						4.5E-05	1.7E-03	5.6E-06	5.6E-04		
CO2											
Carbon dioxide						1.4E-06	5.0E-05	1.8E-07	1.7E-05		
Criteria											
Sulfur Dioxide						3.8E-07	1.2E-05	4.7E-08	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	2.6E-14	5.5E-15	2.1E-13	8.5E-13	3.4E-11	1.1E-13	1.1E-11	2.7E-19	2.2E-17
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.6E-14	5.5E-15	2.1E-13	8.6E-13	3.4E-11	1.1E-13	1.1E-11	2.7E-19	2.2E-17
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	3.1E-15	6.4E-16	2.5E-14	1.1E-13	4.4E-12	1.4E-14	1.5E-12	3.1E-20	2.7E-18
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	3.0E-15	6.2E-16	2.4E-14	1.0E-13	4.1E-12	1.3E-14	1.4E-12	3.1E-20	2.6E-18
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	2.4E-14	4.9E-15	1.9E-13	8.3E-13	3.3E-11	1.0E-13	1.1E-11	2.4E-19	2.1E-17
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	6.2E-15	1.3E-15	4.9E-14	2.1E-13	8.7E-12	2.7E-14	2.9E-12	6.2E-20	5.3E-18
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	8.0E-15	1.6E-15	6.3E-14	2.7E-13	1.1E-11	3.4E-14	3.6E-12	7.9E-20	6.8E-18
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	9.8E-15	2.0E-15	7.7E-14	3.2E-13	1.3E-11	4.1E-14	4.4E-12	9.8E-20	8.3E-18
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	5.8E-16	1.2E-16	4.5E-15	2.1E-14	8.4E-13	2.6E-15	2.8E-13	5.7E-21	4.9E-19
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	3.5E-15	7.0E-16	2.8E-14	1.3E-13	5.3E-12	1.6E-14	1.8E-12	3.5E-20	3.0E-18
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	4.1E-15	8.3E-16	3.3E-14	1.8E-13	7.5E-12	2.3E-14	2.5E-12	4.0E-20	3.5E-18

Table H-110 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	1.2E-14	2.5E-15	9.5E-14	4.2E-13	1.7E-11	5.2E-14	5.6E-12	1.2E-19	1.0E-17
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	9.9E-15	2.0E-15	7.8E-14	4.1E-13	1.7E-11	5.2E-14	5.6E-12	9.7E-20	8.4E-18
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.2E-16	1.4E-16	4.1E-15	5.2E-14	1.7E-12	6.5E-15	5.8E-13	4.9E-18	3.1E-16
2,3,7,8-TCDF	8.0E-18	6.6E-17	1.3E-15	2.6E-16	1.0E-14	1.9E-13	7.8E-12	2.4E-14	2.6E-12	1.3E-20	1.1E-18
OCDD	1.8E-20	9.4E-16	1.7E-14	3.7E-15	1.4E-13	5.6E-13	2.2E-11	7.0E-14	7.4E-12	1.8E-19	1.5E-17
OCDF	6.7E-21	3.6E-16	6.5E-15	1.4E-15	5.1E-14	2.1E-13	8.2E-12	2.6E-14	2.7E-12	7.0E-20	5.5E-18
HCN											
Hydrogen cyanide						1.6E-07	6.2E-06	2.0E-08	2.1E-06		
Metals											
Aluminum				1.1E-02						5.3E-07	
Antimony	1.6E-17			2.6E-07		1.0E-08	2.6E-07	1.3E-09	8.6E-08	1.3E-11	
Arsenic	8.1E-16	6.0E-07	4.8E-17	1.4E-06	2.3E-16	5.9E-10	2.1E-08	7.4E-11	7.0E-09	1.2E-10	4.1E-20
Barium	2.3E-12			3.1E-09	1.1E-07	1.3E-07	3.4E-06	1.6E-08	1.1E-06	1.5E-13	1.2E-11
Beryllium	3.3E-17			1.0E-15	3.9E-14	4.3E-11	1.5E-09	5.4E-12	4.8E-10	5.1E-20	4.3E-18
Cadmium	8.3E-15			8.2E-16	3.1E-14	7.6E-10	2.6E-08	9.5E-11	8.8E-09	4.0E-20	3.4E-18
Chromium	2.6E-15			8.3E-11	3.2E-09	6.5E-09	2.3E-07	8.1E-10	7.7E-08	4.1E-15	3.5E-13
Cobalt				3.1E-05	1.0E-08	9.8E-09	1.8E-07	1.2E-09	6.0E-08	1.5E-09	1.1E-12
Copper				3.4E-10	1.3E-08	1.8E-08	6.1E-07	2.2E-09	2.0E-07	1.6E-14	1.4E-12
Iron				2.5E-02						1.2E-06	
Lead	6.9E-18			9.0E-05	3.8E-12	6.0E-09	2.0E-07	7.5E-10	6.5E-08	4.4E-09	4.1E-16
Manganese				8.0E-13	3.1E-11	5.5E-09	1.9E-07	6.8E-10	6.3E-08	3.9E-17	3.3E-15
Mercury (+2)				3.4E-14	1.1E-12	2.4E-11	8.3E-10	2.9E-12	2.8E-10	1.7E-18	1.1E-16
Mercury, elemental				9.8E-07		9.8E-14	3.5E-12	1.2E-14	1.2E-12	1.9E-06	
Methyl Mercury	8.7E-15			2.0E-15	7.9E-14					1.0E-19	8.5E-18

Table H-110 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.8E-04	1.6E-13	3.5E-09	1.2E-07	4.3E-10	4.0E-08	2.9E-08	1.7E-17
Phosphorus				7.5E-15	2.8E-13	2.6E-08	8.6E-07	3.3E-09	2.9E-07	7.2E-14	5.9E-12
Selenium	2.8E-16			4.0E-17	1.6E-15	1.7E-10	6.1E-09	2.2E-11	2.0E-09	2.0E-21	1.7E-19
Silver	2.1E-16			8.4E-13	3.1E-11	1.1E-10	3.7E-09	1.4E-11	1.2E-09	4.1E-17	3.4E-15
Thallium (Soluble Salts)				2.7E-07						1.3E-11	
Titanium				8.0E-15	3.2E-13	6.1E-11	2.3E-09	7.6E-12	7.6E-10	3.9E-19	3.5E-17
Zinc	4.1E-12			1.8E-13	6.5E-12	1.4E-07	3.9E-06	1.7E-08	1.3E-06	9.0E-18	7.0E-16
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	5.2E-05	2.0E-07	1.7E-05		
PAHs											
1-Methylnaphthalene		2.4E-16	4.9E-15	2.2E-16	8.9E-15	3.3E-08	1.4E-06	4.1E-09	4.6E-07	2.5E-16	2.2E-14
1-Methylphenanthrene				1.5E-13	6.0E-12	3.9E-09	1.7E-07	4.9E-10	5.5E-08	7.1E-18	6.5E-16
2,3,5-Trimethylnaphthalene				6.8E-14	3.0E-12	1.9E-09	8.4E-08	2.4E-10	2.8E-08	3.3E-18	3.2E-16
2,6-Dimethylnaphthalene				1.9E-13	7.9E-12	5.1E-09	2.2E-07	6.4E-10	7.3E-08	9.1E-18	8.5E-16
2-Methylnaphthalene		2.3E-16	4.7E-15	2.1E-16	8.6E-15	3.2E-08	1.3E-06	4.0E-09	4.4E-07	2.4E-16	2.2E-14
Acenaphthylene				6.0E-13	2.5E-11	1.9E-08	8.0E-07	2.4E-09	2.7E-07	2.9E-17	2.7E-15
Acenaphthene	3.4E-15					3.5E-09	1.4E-07	4.3E-10	4.8E-08		
Anthracene	4.3E-14					6.1E-09	2.6E-07	7.6E-10	8.6E-08		
Benzo(a)anthracene	6.2E-12	9.0E-08	4.4E-11	8.1E-08	8.0E-11	3.0E-09	1.3E-07	3.7E-10	4.3E-08	1.2E-09	2.7E-12
Benzo(a)pyrene	3.1E-12	8.5E-08	1.8E-11	7.7E-08	3.3E-11	1.2E-09	4.9E-08	1.5E-10	1.6E-08	3.8E-12	3.6E-15
Benzo(b)fluoranthene	8.3E-13	1.3E-07	1.0E-12	1.2E-07	1.8E-12	1.3E-09	5.3E-08	1.6E-10	1.8E-08	5.9E-12	2.0E-16
Benzo(e)pyrene				3.4E-14	1.3E-12	1.0E-09	4.1E-08	1.3E-10	1.4E-08	1.7E-18	1.4E-16
Benzo(g,h,i)perylene				2.5E-14	1.0E-12	7.7E-10	3.2E-08	9.6E-11	1.1E-08	1.2E-18	1.1E-16
Benzo(k)fluoranthene	7.4E-15	7.1E-08	6.4E-13	6.4E-08	1.2E-12	1.2E-11	2.1E-10	1.5E-12	6.9E-11	3.1E-12	1.3E-16

Table H-110 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	1.4E-13	1.1E-07	4.7E-06	1.4E-08	1.6E-06	2.0E-15	1.8E-13
Chrysene	1.1E-12	1.1E-07	5.5E-11	1.0E-07	9.9E-11	5.1E-09	2.1E-07	6.4E-10	7.1E-08	5.0E-12	1.1E-14
Dibenze(a,h)anthracene	1.6E-13	2.0E-08	6.7E-12	1.8E-08	1.2E-11	1.9E-10	7.6E-09	2.3E-11	2.5E-09	8.8E-13	1.3E-15
Fluoranthene	2.8E-13	6.7E-14	1.4E-12	6.1E-14	2.5E-12	7.5E-09	3.1E-07	9.4E-10	1.0E-07	3.0E-18	2.7E-16
Fluorene	6.1E-14					1.9E-08	7.9E-07	2.3E-09	2.6E-07		
Indeno(1,2,3-cd)pyrene	4.0E-13	5.7E-08	1.8E-11	5.1E-08	3.3E-11	6.2E-10	2.5E-08	7.7E-11	8.5E-09	2.5E-12	3.6E-15
Napthalene	2.8E-14					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Perylene				1.3E-14	6.2E-13	4.6E-10	2.0E-08	5.8E-11	6.8E-09	6.5E-19	6.6E-17
Phenanthrene	2.9E-13					3.5E-08	1.5E-06	4.4E-09	4.8E-07		
Pyrene	2.0E-13	2.5E-13	5.1E-12	2.3E-13	9.3E-12	7.3E-09	3.0E-07	9.1E-10	1.0E-07	6.4E-15	5.8E-13
Particulate											
Particulate Total Suspended Particulate				3.0E-09	1.2E-07	2.3E-05	9.0E-04	2.9E-06	3.0E-04	1.5E-13	1.3E-11
PM<10				3.8E-09	1.6E-07	3.1E-05	1.2E-03	3.9E-06	4.0E-04	1.9E-13	1.7E-11
PM<2.5				3.2E-09	1.3E-07	2.6E-05	1.0E-03	3.3E-06	3.5E-04	1.6E-13	1.4E-11
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	1.3E-14	5.5E-16	2.2E-14	9.3E-11	3.8E-09	1.2E-11	1.3E-09	5.1E-17	4.5E-15
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.4E-15	6.3E-17	2.4E-15	1.3E-12	5.1E-11	1.6E-13	1.7E-11	3.2E-18	2.7E-16
Hexachlorobiphenyl	9.3E-16	3.4E-16	6.1E-15	2.9E-16	1.0E-14	5.3E-12	2.1E-10	6.7E-13	6.9E-11	1.5E-17	1.1E-15
Monochlorobiphenyl	4.3E-14	4.5E-15	9.0E-14	3.8E-15	1.5E-13	6.5E-10	2.7E-08	8.1E-11	8.9E-09	3.5E-16	3.1E-14
Nonachlorobiphenyl	2.9E-17	1.3E-17	2.1E-16	1.1E-17	3.5E-16	1.8E-13	6.4E-12	2.2E-14	2.1E-12	5.7E-19	3.9E-17
Octachlorobiphenyl	6.8E-17	2.4E-17	4.4E-16	2.0E-17	7.5E-16	3.9E-13	1.5E-11	4.9E-14	5.1E-12	1.0E-18	8.4E-17
Pentachlorobiphenyl	3.1E-15	1.2E-15	2.1E-14	1.0E-15	3.5E-14	1.8E-11	6.9E-10	2.3E-12	2.3E-10	5.2E-17	3.9E-15
Tetrachlorobiphenyl	1.8E-15	2.5E-16	4.2E-15	2.1E-16	7.1E-15	3.0E-11	1.1E-09	3.8E-12	3.8E-10	2.0E-17	1.5E-15
Trichlorobiphenyl	2.4E-15	3.0E-16	5.3E-15	2.5E-16	9.0E-15	3.8E-11	1.5E-09	4.8E-12	4.9E-10	2.3E-17	1.8E-15

Table H-110 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				9.0E-08						2.9E-09	
Dieldrin		4.7E-10		5.6E-10						2.7E-14	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	8.7E-09	3.4E-11	2.9E-09		
1,2-dichlorobenzene	2.8E-18					1.1E-10	1.9E-09	1.4E-11	6.5E-10		
1,3-dichlorobenzene	6.9E-18					1.6E-10	5.5E-09	2.0E-11	1.8E-09		
1,4-dichlorobenzene	9.2E-17					1.5E-09	6.8E-08	1.9E-10	2.3E-08		
1,4-Dioxane						1.3E-04					
2,4-Dimethylphenol	2.5E-15					2.4E-08	9.5E-07	3.0E-09	3.2E-07		
2-Chlorophenol	1.3E-16					4.7E-09	2.1E-07	5.9E-10	6.9E-08		
2-Methylphenol	5.3E-14					5.6E-08	2.3E-06	7.0E-09	7.8E-07		
2-Nitrophenol	3.2E-16					7.6E-09	3.1E-07	9.4E-10	1.0E-07		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.5E-10	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.8E-16	1.7E-14
4-Nitrophenol	6.5E-16					1.3E-08	4.8E-07	1.6E-09	1.6E-07		
Acetophenone	3.9E-15					1.2E-07	4.9E-06	1.5E-08	1.6E-06		
Benzoic acid	1.6E-14					5.4E-07	2.2E-05	6.7E-08	7.5E-06		
Benzyl alcohol	9.8E-18					4.5E-09	1.4E-07	5.6E-10	4.5E-08		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	1.2E-10	8.0E-12	2.9E-10	1.9E-07	7.4E-06	2.4E-08	2.5E-06	3.9E-16	3.1E-14
Butyl benzyl phthalate	1.8E-13	3.3E-15	6.6E-14	3.8E-15	1.6E-13	6.0E-09	2.5E-07	7.5E-10	8.3E-08	1.9E-19	1.7E-17
Carbazole				1.4E-14	2.6E-13	1.7E-10	3.0E-09	2.1E-11	1.0E-09	6.9E-19	2.8E-17
Dibenzofuran		1.4E-16	2.9E-15	5.7E-16	2.3E-14	9.5E-09	3.9E-07	1.2E-09	1.3E-07	2.4E-16	2.1E-14
Dimethyl phthalate	6.5E-17					3.3E-10	5.9E-09	4.2E-11	2.0E-09		
Di-n-butyl phthalate	1.7E-12	3.3E-15	6.7E-14	3.9E-15	1.6E-13	9.2E-09	3.8E-07	1.1E-09	1.3E-07	1.9E-19	1.7E-17

Table H-110 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	8.7E-14	1.1E-14	2.1E-13	6.4E-10	1.1E-08	8.0E-11	3.8E-09	5.5E-19	2.2E-17
Hexachlorobutadiene	6.7E-15					4.4E-08	7.9E-07	5.5E-09	2.6E-07		
Isopropanol						2.0E-03					
Phenol	1.5E-13					3.0E-07	1.2E-05	3.8E-08	4.2E-06		
Pyridine	7.7E-15					2.9E-08	1.2E-06	3.6E-09	4.0E-07		
TRS											
Total Reduced Sulfur						2.9E-07	1.3E-05	3.6E-08	4.2E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	4.6E-09	1.7E-11	1.5E-09		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	5.0E-09	1.7E-11	1.7E-09		
1,1-Dichloroethene	6.0E-21					2.6E-11	4.6E-10	3.2E-12	1.5E-10		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	2.0E-08	6.7E-11	6.6E-09		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	1.9E-09	1.4E-11	6.4E-10		
1,2,4-Trimethylbenzene						6.2E-09	2.0E-07	7.8E-10	6.6E-08		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.2E-09	8.6E-12	4.1E-10		
1,2-Dichloroethane	1.2E-17					2.8E-09	1.0E-07	1.0E-06	3.5E-08		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.7E-07	7.3E-10	5.8E-08		
1,3-Dichloropropane						6.7E-11	1.2E-09	8.4E-12	4.0E-10		
2-Butanone	2.4E-15					3.3E-08	1.3E-06	4.1E-09	4.4E-07		
2-Chlorotoluene						1.5E-09	6.1E-08	1.8E-10	2.0E-08		
2-Hexanone						6.8E-09	2.5E-07	8.4E-10	8.2E-08		
Benzene	2.0E-15					6.4E-05	3.4E-05	9.7E-06	1.1E-05		
Bromobenzene						3.7E-08	6.6E-07	4.7E-09	2.2E-07		
Bromochloromethane						8.8E-11	1.6E-09	1.1E-11	5.2E-10		

Table H-110 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	3.1E-19					9.5E-11	1.7E-09	1.2E-11	5.7E-10		
Bromomethane	1.3E-18					3.8E-09	1.1E-07	4.8E-10	3.8E-08		
Carbon disulfide	1.3E-18					3.3E-09	9.8E-08	4.2E-10	3.3E-08		
Carbon tetrachloride	1.3E-19					1.3E-04	3.9E-09	1.5E-05	1.3E-09		
Chlorobenzene	4.7E-17					4.8E-09	1.7E-07	6.0E-10	5.7E-08		
Chlorodibromomethane	1.8E-17					2.4E-09	4.2E-08	3.0E-10	1.4E-08		
Chloroethane	3.7E-18					9.1E-09	3.2E-07	1.1E-09	1.1E-07		
Chloroform	2.8E-18					4.3E-05	3.8E-08	2.4E-06	1.3E-08		
Chloromethane	9.8E-18					3.1E-08	9.4E-07	3.9E-09	3.1E-07		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	7.1E-08	5.0E-10	2.4E-08		
cis-1,3-Dichloropropene						2.4E-11	4.3E-10	3.0E-12	1.4E-10		
Dibromomethane	4.2E-19					2.0E-10	3.6E-09	2.5E-11	1.2E-09		
Dichlorodifluoromethane	4.7E-21					2.5E-10	4.4E-09	3.1E-11	1.5E-09		
Ethylbenzene	1.5E-15					3.7E-05	7.4E-06	2.4E-08	2.5E-06		
Isopropylbenzene	2.0E-18					1.6E-08	5.4E-07	2.0E-09	1.8E-07		
m&p-Xylene	2.4E-16					3.6E-08	1.2E-06	4.6E-09	4.1E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	6.4E-09	4.5E-11	2.1E-09		
Methylene chloride	2.6E-17					1.8E-08	6.6E-07	2.3E-09	2.2E-07		
n-Butylbenzene						7.8E-09	2.3E-07	9.7E-10	7.7E-08		
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07		
o-Xylene	2.8E-16					2.3E-08	7.6E-07	2.9E-09	2.5E-07		
p-Chlorotoluene						5.5E-10	1.7E-08	6.9E-11	5.6E-09		
p-Isopropyltoluene						3.8E-09	9.2E-08	4.8E-10	3.1E-08		
sec-Butylbenzene						1.4E-09	4.3E-08	1.8E-10	1.4E-08		

Table H-110 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Styrene	9.4E-15					5.1E-07	1.9E-05	6.4E-08	6.2E-06		
tert-Butylbenzene						4.6E-08	8.1E-07	5.7E-09	2.7E-07		
Tetrachloroethene	6.6E-19					1.2E-10	4.2E-09	1.5E-11	1.4E-09		
Toluene	1.6E-15					3.2E-07	1.2E-05	3.9E-08	4.1E-06		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	1.5E-06	1.1E-08	5.0E-07		
trans-1,3-Dichloropropene						4.2E-11	7.5E-10	5.3E-12	2.5E-10		
Trichloroethene	6.8E-21					1.0E-05	1.3E-10	9.1E-13	4.3E-11		
Trichlorofluoromethane	1.0E-20					8.7E-11	1.6E-09	1.1E-11	5.2E-10		
Vinyl chloride	4.8E-19					1.4E-05	1.2E-07	6.2E-10	4.0E-08		

Table H-111 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			3.6E-05	4.5E-06	
Aldehydes					
Acetaldehyde			6.2E-05	7.8E-06	
Formaldehyde			2.1E-01	3.3E-06	
Propionaldehyde		9.6E-17	6.8E-06	8.5E-07	7.2E-13
CO					
Carbon monoxide			1.9E-03	2.4E-04	
CO2					
Carbon dioxide			6.0E-05	7.5E-06	
Criteria					
Sulfur Dioxide			1.6E-05	2.0E-06	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	3.2E-17	1.3E-16	3.6E-11	4.5E-12	6.2E-18
1,2,3,4,6,7,8-HpCDF	3.3E-17	1.3E-16	3.7E-11	4.6E-12	6.3E-18
1,2,3,4,7,8,9-HpCDF	3.7E-18	1.5E-17	4.7E-12	5.8E-13	7.2E-19
1,2,3,4,7,8-HxCDD	3.7E-18	1.4E-17	4.4E-12	5.4E-13	7.1E-19
1,2,3,4,7,8-HxCDF	2.9E-17	1.1E-16	3.5E-11	4.4E-12	5.6E-18
1,2,3,6,7,8-HxCDD	7.5E-18	2.9E-17	9.2E-12	1.1E-12	1.4E-18
1,2,3,6,7,8-HxCDF	9.5E-18	3.7E-17	1.1E-11	1.4E-12	1.8E-18
1,2,3,7,8,9-HxCDD	1.2E-17	4.6E-17	1.4E-11	1.7E-12	2.3E-18
1,2,3,7,8,9-HxCDF	6.8E-19	2.7E-18	8.8E-13	1.1E-13	1.3E-19

Table H-111 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	4.1E-18	1.6E-17	5.5E-12	6.9E-13	8.0E-19
1,2,3,7,8-PeCDF	4.9E-18	1.9E-17	7.9E-12	9.9E-13	9.4E-19
2,3,4,6,7,8-HxCDF	1.5E-17	5.9E-17	1.8E-11	2.2E-12	2.9E-18
2,3,4,7,8-PeCDF	1.2E-17	4.6E-17	1.8E-11	2.2E-12	2.2E-18
2,3,7,8-TCDD	8.5E-19	3.4E-18	2.2E-12	2.8E-13	1.1E-16
2,3,7,8-TCDF	1.5E-18	6.1E-18	8.2E-12	1.0E-12	3.0E-19
OCDD	2.2E-17	8.6E-17	2.4E-11	3.0E-12	4.2E-18
OCDF	8.4E-18	3.3E-17	9.1E-12	1.1E-12	1.6E-18
HCN					
Hydrogen cyanide			6.8E-06	8.5E-07	
Metals					
Aluminum		5.0E-04			2.4E-05
Antimony		3.3E-08	4.5E-07	5.6E-08	1.6E-09
Arsenic	1.2E-07	2.8E-07	2.5E-08	3.2E-09	2.2E-08
Barium		7.6E-11	5.4E-06	6.7E-07	3.7E-12
Beryllium		4.5E-17	1.8E-09	2.3E-10	2.2E-18
Cadmium		3.5E-17	3.2E-08	4.1E-09	1.7E-18
Chromium		2.3E-12	2.8E-07	3.5E-08	1.1E-13
Cobalt		1.4E-06	4.2E-07	5.3E-08	6.8E-08
Copper		8.3E-12	7.6E-07	9.5E-08	4.1E-13
Iron		1.2E-03			5.8E-05
Lead		4.8E-06	2.6E-07	3.2E-08	2.3E-07

Table H-111 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		3.4E-14	2.3E-07	2.9E-08	1.7E-15
Mercury (+2)		7.3E-16	1.0E-09	1.3E-10	3.6E-17
Mercury, elemental		1.2E-09	4.2E-12	5.3E-13	2.2E-06
Methyl Mercury		4.4E-17			2.1E-18
Nickel		2.4E-05	1.5E-07	1.9E-08	1.2E-06
Phosphorus		3.2E-16	1.1E-06	1.4E-07	3.1E-12
Selenium		1.7E-18	7.5E-09	9.3E-10	8.5E-20
Silver		2.8E-14	4.9E-09	6.1E-10	1.4E-15
Thallium (Soluble Salts)		3.5E-09			1.7E-10
Titanium		3.4E-16	2.6E-09	3.3E-10	1.7E-17
Zinc		7.9E-15	5.9E-06	7.3E-07	3.9E-16
NOx					
NOx (Oxides of Nitrogen)			6.7E-05	8.4E-06	
PAHs					
1-Methylnaphthalene	1.0E-17	9.3E-18	1.4E-06	1.8E-07	1.1E-14
1-Methylphenanthrene		6.2E-15	1.7E-07	2.1E-08	3.0E-16
2,3,5-Trimethylnaphthalene		2.9E-15	8.4E-08	1.0E-08	1.4E-16
2,6-Dimethylnaphthalene		7.9E-15	2.2E-07	2.8E-08	3.9E-16
2-Methylnaphthalene	9.9E-18	9.0E-18	1.4E-06	1.7E-07	1.0E-14
Acenaphthylene		2.6E-14	8.1E-07	1.0E-07	1.3E-15
Acenaphthene			1.5E-07	1.9E-08	
Anthracene			2.6E-07	3.2E-08	

Table H-111 (Lifetime Average Daily Dose)

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Exposure Unit	06
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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)anthracene	7.1E-09	6.4E-09	1.3E-07	1.6E-08	9.7E-08
Benzo(a)pyrene	7.3E-09	6.6E-09	5.0E-08	6.3E-09	3.2E-10
Benzo(b)fluoranthene	1.3E-08	1.2E-08	5.6E-08	7.0E-09	5.8E-10
Benzo(e)pyrene		1.5E-15	4.3E-08	5.4E-09	7.2E-17
Benzo(g,h,i)perylene		1.1E-15	3.3E-08	4.1E-09	5.3E-17
Benzo(k)fluoranthene	5.2E-09	4.8E-09	5.0E-10	6.2E-11	2.3E-10
Biphenyl		1.4E-16	4.8E-06	6.0E-07	8.4E-14
Chrysene	1.0E-08	9.2E-09	2.2E-07	2.7E-08	4.5E-10
Dibenzo(a,h)anthracene	1.1E-14	1.0E-14	8.0E-09	9.9E-10	5.0E-16
Fluoranthene	2.6E-15	2.3E-15	3.2E-07	4.0E-08	1.1E-16
Fluorene			8.0E-07	1.0E-07	
Indeno(1,2,3-cd)pyrene	4.0E-09	3.7E-09	2.6E-08	3.3E-09	1.8E-10
Napthalene			6.4E-06	8.0E-07	
Perylene		5.6E-16	2.0E-08	2.5E-09	2.8E-17
Phenanthrene			1.5E-06	1.9E-07	
Pyrene	7.1E-15	6.5E-15	3.1E-07	3.9E-08	1.8E-13
Particulate					
Particulate Total Suspended Particulate		1.3E-10	1.0E-03	1.3E-04	6.3E-12
PM<10		1.6E-10	1.3E-03	1.7E-04	8.0E-12
PM<2.5		1.4E-10	1.1E-03	1.4E-04	6.7E-12
PCBs					
Dichlorobiphenyl	1.5E-17	1.3E-17	4.0E-09	5.0E-10	1.2E-15

Table H-111 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Heptachlorobiphenyl	1.7E-18	1.5E-18	5.4E-11	6.8E-12	7.4E-17
Hexachlorobiphenyl	7.8E-18	6.6E-18	2.3E-10	2.9E-11	3.4E-16
Monochlorobiphenyl	1.1E-16	8.9E-17	2.8E-08	3.5E-09	8.3E-15
Nonachlorobiphenyl	3.1E-19	2.6E-19	7.7E-12	9.6E-13	1.3E-17
Octachlorobiphenyl	5.6E-19	4.7E-19	1.7E-11	2.1E-12	2.4E-17
Pentachlorobiphenyl	2.8E-17	2.4E-17	7.8E-10	9.8E-11	1.2E-15
Tetrachlorobiphenyl	5.8E-18	4.9E-18	1.3E-09	1.6E-10	4.6E-16
Trichlorobiphenyl	7.0E-18	5.9E-18	1.6E-09	2.0E-10	5.5E-16
Pesticides					
DDE		2.9E-07			9.3E-06
Dieldrin	1.1E-09	1.4E-09			6.7E-11
SVOCs					
1,2,4-trichlorobenzene			1.2E-08	1.4E-09	
1,2-dichlorobenzene			4.7E-09	5.8E-10	
1,3-dichlorobenzene			7.0E-09	8.7E-10	
1,4-dichlorobenzene			6.5E-08	8.1E-09	
2,4-Dimethylphenol			1.0E-06	1.3E-07	
2-Chlorophenol			2.0E-07	2.5E-08	
2-Methylphenol			2.4E-06	3.0E-07	
2-Nitrophenol			3.2E-07	4.0E-08	
3-Methylphenol & 4-Methylphenol		1.6E-13	4.3E-06	5.4E-07	7.7E-15
4-Nitrophenol			5.4E-07	6.7E-08	

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Exposure Unit	06
Exposure Scenario	Camp Justice
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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			5.1E-06	6.4E-07	
Benzoic acid			2.3E-05	2.9E-06	
Benzyl alcohol			1.9E-07	2.4E-08	
bis(2-Ethylhexyl) phthalate	2.9E-13	3.4E-13	8.1E-06	1.0E-06	1.7E-14
Butyl benzyl phthalate	1.4E-16	1.6E-16	2.6E-07	3.2E-08	8.1E-18
Carbazole		6.0E-16	7.2E-09	9.0E-10	2.9E-17
Dibenzofuran	6.2E-18	2.4E-17	4.1E-07	5.1E-08	1.0E-14
Dimethyl phthalate			1.4E-08	1.8E-09	
Di-n-butyl phthalate	1.4E-16	1.6E-16	3.9E-07	4.9E-08	8.1E-18
Di-n-octyl phthalate	4.0E-16	4.7E-16	2.8E-08	3.4E-09	2.3E-17
Hexachlorobutadiene			1.9E-06	2.4E-07	
Isopropanol			2.5E-01		
Phenol			1.3E-05	1.6E-06	
Pyridine			1.2E-06	1.5E-07	
TRS					
Total Reduced Sulfur			1.2E-05	1.6E-06	
VOCs					
1,1,1,2-Tetrachloroethane			5.8E-09	7.2E-10	
1,1,1-Trichloroethane			5.7E-09	7.1E-10	
1,1-Dichloroethene			1.1E-09	1.4E-10	
1,2,3-Trichlorobenzene			2.3E-08	2.9E-09	
1,2,3-Trichloropropane			4.6E-09	5.8E-10	

Table H-111 (Lifetime Average Daily Dose)

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Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			2.7E-07	3.3E-08	
1,2-Dibromoethane			3.0E-09	3.7E-10	
1,2-Dichloroethane			9.8E-04	4.3E-05	
1,3,5-Trimethylbenzene			2.5E-07	3.1E-08	
1,3-Dichloropropane			2.9E-09	3.6E-10	
2-Butanone			1.4E-06	1.8E-07	
2-Chlorotoluene			6.3E-08	7.9E-09	
2-Hexanone			2.9E-07	3.6E-08	
Benzene			3.5E-02	4.2E-04	
Bromobenzene			1.6E-06	2.0E-07	
Bromochloromethane			3.8E-09	4.7E-10	
Bromodichloromethane			4.1E-09	5.1E-10	
Bromomethane			1.6E-07	2.0E-08	
Carbon disulfide			1.4E-07	1.8E-08	
Carbon tetrachloride			6.7E-03	6.6E-04	
Chlorobenzene			2.1E-07	2.6E-08	
Chlorodibromomethane			1.0E-07	1.3E-08	
Chloroethane			3.9E-07	4.9E-08	
Chloroform			1.6E-03	1.0E-04	
Chloromethane			1.3E-06	1.7E-07	
cis-1,2-Dichloroethene			1.7E-07	2.1E-08	
cis-1,3-Dichloropropene			1.0E-09	1.3E-10	

Table H-111 (Lifetime Average Daily Dose)

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Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			8.7E-09	1.1E-09	
Dichlorodifluoromethane			1.1E-08	1.3E-09	
Ethylbenzene			9.2E-03	1.0E-06	
Isopropylbenzene			6.8E-07	8.4E-08	
m&p-Xylene			1.6E-06	2.0E-07	
Methyl Isobutyl Ketone (4-methyl-2-penta			1.5E-08	1.9E-09	
Methylene chloride			7.7E-07	9.7E-08	
n-Butylbenzene			3.3E-07	4.2E-08	
n-Propylbenzene			4.0E-07	5.0E-08	
o-Xylene			9.8E-07	1.2E-07	
p-Chlorotoluene			2.4E-08	3.0E-09	
p-Isopropyltoluene			1.6E-07	2.1E-08	
sec-Butylbenzene			6.1E-08	7.6E-09	
Styrene			2.2E-05	2.7E-06	
tert-Butylbenzene			2.0E-06	2.4E-07	
Tetrachloroethene			5.2E-09	6.5E-10	
Toluene			1.4E-05	1.7E-06	
trans-1,2-Dichloroethene			3.6E-06	4.5E-07	
trans-1,3-Dichloropropene			1.8E-09	2.3E-10	
Trichloroethene			2.2E-04	3.9E-11	
Trichlorofluoromethane			3.7E-09	4.7E-10	
Vinyl chloride			2.1E-07	2.7E-08	

Table H-112 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			8.4E-07	1.0E-07	
Aldehydes					
Acetaldehyde			1.4E-06	1.8E-07	
Formaldehyde			4.8E-03	7.7E-08	
Propionaldehyde		2.2E-15	1.6E-07	2.0E-08	1.7E-14
CO					
Carbon monoxide			4.5E-05	5.6E-06	
CO2					
Carbon dioxide			1.4E-06	1.8E-07	
Criteria					
Sulfur Dioxide			3.8E-07	4.7E-08	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	1.4E-15	5.5E-15	8.5E-13	1.1E-13	2.7E-19
1,2,3,4,6,7,8-HpCDF	1.4E-15	5.5E-15	8.6E-13	1.1E-13	2.7E-19
1,2,3,4,7,8,9-HpCDF	1.6E-16	6.4E-16	1.1E-13	1.4E-14	3.1E-20
1,2,3,4,7,8-HxCDD	1.6E-16	6.2E-16	1.0E-13	1.3E-14	3.1E-20
1,2,3,4,7,8-HxCDF	1.3E-15	4.9E-15	8.3E-13	1.0E-13	2.4E-19
1,2,3,6,7,8-HxCDD	3.2E-16	1.3E-15	2.1E-13	2.7E-14	6.2E-20
1,2,3,6,7,8-HxCDF	4.1E-16	1.6E-15	2.7E-13	3.4E-14	7.9E-20
1,2,3,7,8,9-HxCDD	5.1E-16	2.0E-15	3.2E-13	4.1E-14	9.8E-20
1,2,3,7,8,9-HxCDF	2.9E-17	1.2E-16	2.1E-14	2.6E-15	5.7E-21

Table H-112 (Average Daily Dose)

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Exposure Scenario	Camp Justice
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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	1.8E-16	7.0E-16	1.3E-13	1.6E-14	3.5E-20
1,2,3,7,8-PeCDF	2.1E-16	8.3E-16	1.8E-13	2.3E-14	4.0E-20
2,3,4,6,7,8-HxCDF	6.4E-16	2.5E-15	4.2E-13	5.2E-14	1.2E-19
2,3,4,7,8-PeCDF	5.0E-16	2.0E-15	4.1E-13	5.2E-14	9.7E-20
2,3,7,8-TCDD	3.6E-17	1.4E-16	5.2E-14	6.5E-15	4.9E-18
2,3,7,8-TCDF	6.6E-17	2.6E-16	1.9E-13	2.4E-14	1.3E-20
OCDD	9.4E-16	3.7E-15	5.6E-13	7.0E-14	1.8E-19
OCDF	3.6E-16	1.4E-15	2.1E-13	2.6E-14	7.0E-20
HCN					
Hydrogen cyanide			1.6E-07	2.0E-08	
Metals					
Aluminum		1.2E-02			5.7E-07
Antimony		7.7E-07	1.0E-08	1.3E-09	3.8E-11
Arsenic	2.7E-06	6.4E-06	5.9E-10	7.4E-11	5.2E-10
Barium		3.1E-09	1.3E-07	1.6E-08	1.5E-13
Beryllium		1.0E-15	4.3E-11	5.4E-12	5.1E-20
Cadmium		8.2E-16	7.6E-10	9.5E-11	4.0E-20
Chromium		8.3E-11	6.5E-09	8.1E-10	4.1E-15
Cobalt		3.3E-05	9.8E-09	1.2E-09	1.6E-09
Copper		3.4E-10	1.8E-08	2.2E-09	1.6E-14
Iron		2.7E-02			1.3E-06
Lead		1.1E-04	6.0E-09	7.5E-10	5.5E-09

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Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		8.0E-13	5.5E-09	6.8E-10	3.9E-17
Mercury (+2)		3.4E-14	2.4E-11	2.9E-12	1.7E-18
Mercury, elemental		2.7E-08	9.8E-14	1.2E-14	5.2E-08
Methyl Mercury		2.0E-15			1.0E-19
Nickel		5.6E-04	3.5E-09	4.3E-10	2.7E-08
Phosphorus		7.5E-15	2.6E-08	3.3E-09	7.2E-14
Selenium		4.0E-17	1.7E-10	2.2E-11	2.0E-21
Silver		8.4E-13	1.1E-10	1.4E-11	4.1E-17
Thallium (Soluble Salts)		8.1E-08			4.0E-12
Titanium		8.0E-15	6.1E-11	7.6E-12	3.9E-19
Zinc		1.8E-13	1.4E-07	1.7E-08	9.0E-18
NOx					
NOx (Oxides of Nitrogen)			1.6E-06	2.0E-07	
PAHs					
1-Methylnaphthalene	2.4E-16	2.2E-16	3.3E-08	4.1E-09	2.5E-16
1-Methylphenanthrene		1.5E-13	3.9E-09	4.9E-10	7.1E-18
2,3,5-Trimethylnaphthalene		6.8E-14	1.9E-09	2.4E-10	3.3E-18
2,6-Dimethylnaphthalene		1.9E-13	5.1E-09	6.4E-10	9.1E-18
2-Methylnaphthalene	2.3E-16	2.1E-16	3.2E-08	4.0E-09	2.4E-16
Acenaphthylene		6.0E-13	1.9E-08	2.4E-09	2.9E-17
Acenaphthene			3.5E-09	4.3E-10	
Anthracene			6.1E-09	7.6E-10	

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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)anthracene	1.6E-07	1.5E-07	3.0E-09	3.7E-10	2.3E-09
Benzo(a)pyrene	1.7E-07	1.5E-07	1.2E-09	1.5E-10	7.6E-12
Benzo(b)fluoranthene	3.0E-07	2.7E-07	1.3E-09	1.6E-10	1.3E-11
Benzo(e)pyrene		3.4E-14	1.0E-09	1.3E-10	1.7E-18
Benzo(g,h,i)perylene		2.5E-14	7.7E-10	9.6E-11	1.2E-18
Benzo(k)fluoranthene	1.2E-07	1.1E-07	1.2E-11	1.5E-12	5.5E-12
Biphenyl		3.3E-15	1.1E-07	1.4E-08	2.0E-15
Chrysene	2.4E-07	2.1E-07	5.1E-09	6.4E-10	1.0E-11
Dibenzo(a,h)anthracene	3.4E-13	3.1E-13	1.9E-10	2.3E-11	1.5E-17
Fluoranthene	6.7E-14	6.1E-14	7.5E-09	9.4E-10	3.0E-18
Fluorene			1.9E-08	2.3E-09	
Indeno(1,2,3-cd)pyrene	9.4E-08	8.6E-08	6.2E-10	7.7E-11	4.2E-12
Napthalene			1.5E-07	1.9E-08	
Perylene		1.3E-14	4.6E-10	5.8E-11	6.5E-19
Phenanthrene			3.5E-08	4.4E-09	
Pyrene	2.5E-13	2.3E-13	7.3E-09	9.1E-10	6.4E-15
Particulate					
Particulate Total Suspended Particulate		3.0E-09	2.3E-05	2.9E-06	1.5E-13
PM<10		3.8E-09	3.1E-05	3.9E-06	1.9E-13
PM<2.5		3.2E-09	2.6E-05	3.3E-06	1.6E-13
PCBs					
Dichlorobiphenyl	6.5E-16	5.5E-16	9.3E-11	1.2E-11	5.1E-17

Table H-112 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Heptachlorobiphenyl	7.5E-17	6.3E-17	1.3E-12	1.6E-13	3.2E-18
Hexachlorobiphenyl	3.4E-16	2.9E-16	5.3E-12	6.7E-13	1.5E-17
Monochlorobiphenyl	4.5E-15	3.8E-15	6.5E-10	8.1E-11	3.5E-16
Nonachlorobiphenyl	1.3E-17	1.1E-17	1.8E-13	2.2E-14	5.7E-19
Octachlorobiphenyl	2.4E-17	2.0E-17	3.9E-13	4.9E-14	1.0E-18
Pentachlorobiphenyl	1.2E-15	1.0E-15	1.8E-11	2.3E-12	5.2E-17
Tetrachlorobiphenyl	2.5E-16	2.1E-16	3.0E-11	3.8E-12	2.0E-17
Trichlorobiphenyl	3.0E-16	2.5E-16	3.8E-11	4.8E-12	2.3E-17
Pesticides					
DDE		6.8E-06			2.2E-07
Dieldrin	2.7E-08	3.2E-08			1.6E-12
SVOCs					
1,2,4-trichlorobenzene			2.7E-10	3.4E-11	
1,2-dichlorobenzene			1.1E-10	1.4E-11	
1,3-dichlorobenzene			1.6E-10	2.0E-11	
1,4-dichlorobenzene			1.5E-09	1.9E-10	
2,4-Dimethylphenol			2.4E-08	3.0E-09	
2-Chlorophenol			4.7E-09	5.9E-10	
2-Methylphenol			5.6E-08	7.0E-09	
2-Nitrophenol			7.6E-09	9.4E-10	
3-Methylphenol & 4-Methylphenol		3.7E-12	1.0E-07	1.3E-08	1.8E-16
4-Nitrophenol			1.3E-08	1.6E-09	

Table H-112 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			1.2E-07	1.5E-08	
Benzoic acid			5.4E-07	6.7E-08	
Benzyl alcohol			4.5E-09	5.6E-10	
bis(2-Ethylhexyl) phthalate	6.7E-12	8.0E-12	1.9E-07	2.4E-08	3.9E-16
Butyl benzyl phthalate	3.3E-15	3.8E-15	6.0E-09	7.5E-10	1.9E-19
Carbazole		1.4E-14	1.7E-10	2.1E-11	6.9E-19
Dibenzofuran	1.4E-16	5.7E-16	9.5E-09	1.2E-09	2.4E-16
Dimethyl phthalate			3.3E-10	4.2E-11	
Di-n-butyl phthalate	3.3E-15	3.9E-15	9.2E-09	1.1E-09	1.9E-19
Di-n-octyl phthalate	9.4E-15	1.1E-14	6.4E-10	8.0E-11	5.5E-19
Hexachlorobutadiene			4.4E-08	5.5E-09	
Isopropanol			5.9E-03		
Phenol			3.0E-07	3.8E-08	
Pyridine			2.9E-08	3.6E-09	
TRS					
Total Reduced Sulfur			2.9E-07	3.6E-08	
VOCs					
1,1,1,2-Tetrachloroethane			1.3E-10	1.7E-11	
1,1,1-Trichloroethane			1.3E-10	1.7E-11	
1,1-Dichloroethene			2.6E-11	3.2E-12	
1,2,3-Trichlorobenzene			5.3E-10	6.7E-11	
1,2,3-Trichloropropane			1.1E-10	1.4E-11	

Table H-112 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			6.2E-09	7.8E-10	
1,2-Dibromoethane			6.9E-11	8.6E-12	
1,2-Dichloroethane			2.3E-05	1.0E-06	
1,3,5-Trimethylbenzene			5.9E-09	7.3E-10	
1,3-Dichloropropane			6.7E-11	8.4E-12	
2-Butanone			3.3E-08	4.1E-09	
2-Chlorotoluene			1.5E-09	1.8E-10	
2-Hexanone			6.8E-09	8.4E-10	
Benzene			8.2E-04	9.7E-06	
Bromobenzene			3.7E-08	4.7E-09	
Bromochloromethane			8.8E-11	1.1E-11	
Bromodichloromethane			9.5E-11	1.2E-11	
Bromomethane			3.8E-09	4.8E-10	
Carbon disulfide			3.3E-09	4.2E-10	
Carbon tetrachloride			1.6E-04	1.5E-05	
Chlorobenzene			4.8E-09	6.0E-10	
Chlorodibromomethane			2.4E-09	3.0E-10	
Chloroethane			9.1E-09	1.1E-09	
Chloroform			3.7E-05	2.4E-06	
Chloromethane			3.1E-08	3.9E-09	
cis-1,2-Dichloroethene			4.0E-09	5.0E-10	
cis-1,3-Dichloropropene			2.4E-11	3.0E-12	

Table H-112 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			2.0E-10	2.5E-11	
Dichlorodifluoromethane			2.5E-10	3.1E-11	
Ethylbenzene			2.1E-04	2.4E-08	
Isopropylbenzene			1.6E-08	2.0E-09	
m&p-Xylene			3.6E-08	4.6E-09	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.6E-10	4.5E-11	
Methylene chloride			1.8E-08	2.3E-09	
n-Butylbenzene			7.8E-09	9.7E-10	
n-Propylbenzene			9.4E-09	1.2E-09	
o-Xylene			2.3E-08	2.9E-09	
p-Chlorotoluene			5.5E-10	6.9E-11	
p-Isopropyltoluene			3.8E-09	4.8E-10	
sec-Butylbenzene			1.4E-09	1.8E-10	
Styrene			5.1E-07	6.4E-08	
tert-Butylbenzene			4.6E-08	5.7E-09	
Tetrachloroethene			1.2E-10	1.5E-11	
Toluene			3.2E-07	3.9E-08	
trans-1,2-Dichloroethene			8.4E-08	1.1E-08	
trans-1,3-Dichloropropene			4.2E-11	5.3E-12	
Trichloroethene			5.0E-06	9.1E-13	
Trichlorofluoromethane			8.7E-11	1.1E-11	
Vinyl chloride			5.0E-09	6.2E-10	

Table H-113 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.6E-05	8.3E-05	4.5E-06	4.5E-06		
Aldehydes											
Acetaldehyde	3.9E-15					6.2E-05	1.4E-04	7.8E-06	7.8E-06		
Formaldehyde	1.9E-14					2.1E-01	6.1E-05	3.3E-06	3.3E-06		
Propionaldehyde				9.6E-17	2.7E-16	6.8E-06	1.6E-05	8.5E-07	8.5E-07	7.2E-13	4.4E-12
CO											
Carbon monoxide						1.9E-03	4.4E-03	2.4E-04	2.4E-04		
CO2											
Carbon dioxide						6.0E-05	1.4E-04	7.5E-06	7.5E-06		
Criteria											
Sulfur Dioxide						1.6E-05	3.7E-05	2.0E-06	2.0E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	3.9E-20	3.2E-17	4.5E-17	1.3E-16	3.6E-16	3.6E-11	8.4E-11	4.5E-12	4.5E-12	6.2E-18	3.8E-17
1,2,3,4,6,7,8-HpCDF	3.8E-20	3.3E-17	4.6E-17	1.3E-16	3.6E-16	3.7E-11	8.5E-11	4.6E-12	4.6E-12	6.3E-18	3.9E-17
1,2,3,4,7,8,9-HpCDF	6.2E-21	3.7E-18	5.2E-18	1.5E-17	4.1E-17	4.7E-12	1.1E-11	5.8E-13	5.8E-13	7.2E-19	4.4E-18
1,2,3,4,7,8-HxCDD	4.7E-20	3.7E-18	5.1E-18	1.4E-17	4.0E-17	4.4E-12	1.0E-11	5.4E-13	5.4E-13	7.1E-19	4.4E-18
1,2,3,4,7,8-HxCDF	3.2E-19	2.9E-17	4.1E-17	1.1E-16	3.2E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	5.6E-18	3.5E-17
1,2,3,6,7,8-HxCDD	9.2E-20	7.5E-18	1.0E-17	2.9E-17	8.2E-17	9.2E-12	2.1E-11	1.1E-12	1.1E-12	1.4E-18	8.9E-18
1,2,3,6,7,8-HxCDF	1.2E-19	9.5E-18	1.3E-17	3.7E-17	1.0E-16	1.1E-11	2.7E-11	1.4E-12	1.4E-12	1.8E-18	1.1E-17
1,2,3,7,8,9-HxCDD	1.3E-19	1.2E-17	1.6E-17	4.6E-17	1.3E-16	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.3E-18	1.4E-17
1,2,3,7,8,9-HxCDF	1.0E-20	6.8E-19	9.5E-19	2.7E-18	7.5E-18	8.8E-13	2.0E-12	1.1E-13	1.1E-13	1.3E-19	8.1E-19
1,2,3,7,8-PeCDD	2.9E-19	4.1E-18	5.8E-18	1.6E-17	4.6E-17	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.0E-19	4.9E-18
1,2,3,7,8-PeCDF	4.1E-19	4.9E-18	6.8E-18	1.9E-17	5.4E-17	7.9E-12	1.8E-11	9.9E-13	9.9E-13	9.4E-19	5.8E-18

Table H-113 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	1.7E-19	1.5E-17	2.1E-17	5.9E-17	1.6E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.9E-18	1.8E-17
2,3,4,7,8-PeCDF	6.4E-19	1.2E-17	1.6E-17	4.6E-17	1.3E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.2E-18	1.4E-17
2,3,7,8-TCDD	1.0E-19	8.5E-19	1.2E-18	3.4E-18	9.4E-18	2.2E-12	5.1E-12	2.8E-13	2.8E-13	1.1E-16	7.0E-16
2,3,7,8-TCDF	3.4E-19	1.5E-18	2.2E-18	6.1E-18	1.7E-17	8.2E-12	1.9E-11	1.0E-12	1.0E-12	3.0E-19	1.8E-18
OCDD	5.2E-22	2.2E-17	3.0E-17	8.6E-17	2.4E-16	2.4E-11	5.6E-11	3.0E-12	3.0E-12	4.2E-18	2.6E-17
OCDF	1.9E-22	8.4E-18	1.2E-17	3.3E-17	9.3E-17	9.1E-12	2.1E-11	1.1E-12	1.1E-12	1.6E-18	1.0E-17
HCN											
Hydrogen cyanide						6.8E-06	1.6E-05	8.5E-07	8.5E-07		
Metals											
Aluminum				5.0E-04	8.4E-04					2.4E-05	9.1E-05
Antimony	6.7E-19			3.3E-08	6.2E-08	4.5E-07	1.0E-06	5.6E-08	5.6E-08	1.6E-09	6.6E-09
Arsenic	3.5E-17	1.2E-07	9.8E-09	2.8E-07	4.7E-08	2.5E-08	5.9E-08	3.2E-09	3.2E-09	2.2E-08	8.4E-09
Barium	7.9E-14			7.6E-11	2.1E-10	5.4E-06	1.2E-05	6.7E-07	6.7E-07	3.7E-12	2.3E-11
Beryllium	1.4E-18			4.5E-17	1.3E-16	1.8E-09	4.3E-09	2.3E-10	2.3E-10	2.2E-18	1.4E-17
Cadmium	3.6E-16			3.5E-17	9.8E-17	3.2E-08	7.5E-08	4.1E-09	4.1E-09	1.7E-18	1.1E-17
Chromium	9.4E-17			2.3E-12	6.4E-12	2.8E-07	6.4E-07	3.5E-08	3.5E-08	1.1E-13	6.9E-13
Cobalt				1.4E-06	1.6E-06	4.2E-07	9.7E-07	5.3E-08	5.3E-08	6.8E-08	1.7E-07
Copper				8.3E-12	2.3E-11	7.6E-07	1.8E-06	9.5E-08	9.5E-08	4.1E-13	2.5E-12
Iron				1.2E-03	1.6E-03					5.8E-05	1.7E-04
Lead	3.0E-19			4.8E-06	9.8E-06	2.6E-07	5.9E-07	3.2E-08	3.2E-08	2.3E-07	1.1E-06
Manganese				3.4E-14	9.5E-14	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.7E-15	1.0E-14
Mercury (+2)				7.3E-16	2.1E-15	1.0E-09	2.3E-09	1.3E-10	1.3E-10	3.6E-17	2.2E-16
Mercury, elemental				1.2E-09	1.9E-09	4.2E-12	9.7E-12	5.3E-13	5.3E-13	2.2E-06	1.4E-05
Methyl Mercury	2.8E-16			4.4E-17	1.2E-16					2.1E-18	1.3E-17

Table H-113 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	1.4E-16			2.4E-05	3.0E-05	1.5E-07	3.4E-07	1.9E-08	1.9E-08	1.2E-06	3.3E-06
Phosphorus				3.2E-16	9.0E-16	1.1E-06	2.6E-06	1.4E-07	1.4E-07	3.1E-12	1.9E-11
Selenium	1.2E-17			1.7E-18	4.8E-18	7.5E-09	1.7E-08	9.3E-10	9.3E-10	8.5E-20	5.2E-19
Silver	8.2E-18			2.8E-14	7.8E-14	4.9E-09	1.1E-08	6.1E-10	6.1E-10	1.4E-15	8.4E-15
Thallium (Soluble Salts)				3.5E-09	7.2E-09					1.7E-10	7.8E-10
Titanium				3.4E-16	9.6E-16	2.6E-09	6.0E-09	3.3E-10	3.3E-10	1.7E-17	1.0E-16
Zinc	1.8E-13			7.9E-15	2.2E-14	5.9E-06	1.4E-05	7.3E-07	7.3E-07	3.9E-16	2.4E-15
NOx											
NOx (Oxides of Nitrogen)						6.7E-05	1.6E-04	8.4E-06	8.4E-06		
PAHs											
1-Methylnaphthalene		1.0E-17	1.4E-17	9.3E-18	2.6E-17	1.4E-06	3.3E-06	1.8E-07	1.8E-07	1.1E-14	6.5E-14
1-Methylphenanthrene				6.2E-15	1.7E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	3.0E-16	1.9E-15
2,3,5-Trimethylnaphthalene				2.9E-15	8.1E-15	8.4E-08	1.9E-07	1.0E-08	1.0E-08	1.4E-16	8.8E-16
2,6-Dimethylnaphthalene				7.9E-15	2.2E-14	2.2E-07	5.1E-07	2.8E-08	2.8E-08	3.9E-16	2.4E-15
2-Methylnaphthalene		9.9E-18	1.4E-17	9.0E-18	2.5E-17	1.4E-06	3.2E-06	1.7E-07	1.7E-07	1.0E-14	6.4E-14
Acenaphthylene				2.6E-14	7.1E-14	8.1E-07	1.9E-06	1.0E-07	1.0E-07	1.3E-15	7.7E-15
Acenaphthene	1.5E-16					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Anthracene	1.8E-15					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
Benzo(a)anthracene	2.6E-13	7.1E-09	2.2E-08	6.4E-09	4.0E-08	1.3E-07	3.0E-07	1.6E-08	1.6E-08	9.7E-08	6.0E-07
Benzo(a)pyrene	1.3E-13	7.3E-09	2.4E-08	6.6E-09	4.4E-08	5.0E-08	1.2E-07	6.3E-09	6.3E-09	3.2E-10	4.7E-09
Benzo(b)fluoranthene	3.6E-14	1.3E-08	3.4E-08	1.2E-08	6.1E-08	5.6E-08	1.3E-07	7.0E-09	7.0E-09	5.8E-10	6.6E-09
Benzo(e)pyrene				1.5E-15	4.1E-15	4.3E-08	9.9E-08	5.4E-09	5.4E-09	7.2E-17	4.4E-16
Benzo(g,h,i)perylene				1.1E-15	3.0E-15	3.3E-08	7.6E-08	4.1E-09	4.1E-09	5.3E-17	3.2E-16
Benzo(k)fluoranthene	2.6E-16	5.2E-09	1.7E-08	4.8E-09	3.1E-08	5.0E-10	1.2E-09	6.2E-11	6.2E-11	2.3E-10	3.3E-09

Table H-113 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				1.4E-16	4.0E-16	4.8E-06	1.1E-05	6.0E-07	6.0E-07	8.4E-14	5.2E-13
Chrysene	4.5E-14	1.0E-08	2.5E-08	9.2E-09	4.5E-08	2.2E-07	5.1E-07	2.7E-08	2.7E-08	4.5E-10	4.8E-09
Dibenze(a,h)anthracene	6.4E-15	1.1E-14	6.0E-09	1.0E-14	1.1E-08	8.0E-09	1.8E-08	9.9E-10	9.9E-10	5.0E-16	1.2E-09
Fluoranthene	1.2E-14	2.6E-15	3.6E-15	2.3E-15	6.6E-15	3.2E-07	7.4E-07	4.0E-08	4.0E-08	1.1E-16	7.1E-16
Fluorene	2.6E-15					8.0E-07	1.9E-06	1.0E-07	1.0E-07		
Indeno(1,2,3-cd)pyrene	1.6E-14	4.0E-09	1.6E-08	3.7E-09	2.8E-08	2.6E-08	6.1E-08	3.3E-09	3.3E-09	1.8E-10	3.1E-09
Napthalene	1.2E-15					6.4E-06	1.5E-05	8.0E-07	8.0E-07		
Perylene				5.6E-16	1.6E-15	2.0E-08	4.6E-08	2.5E-09	2.5E-09	2.8E-17	1.7E-16
Phenanthrene	1.3E-14					1.5E-06	3.5E-06	1.9E-07	1.9E-07		
Pyrene	8.7E-15	7.1E-15	9.9E-15	6.5E-15	1.8E-14	3.1E-07	7.2E-07	3.9E-08	3.9E-08	1.8E-13	1.1E-12
Particulate											
Particulate Total Suspended Particulate				1.3E-10	3.6E-10	1.0E-03	2.3E-03	1.3E-04	1.3E-04	6.3E-12	3.9E-11
PM<10				1.6E-10	4.6E-10	1.3E-03	3.1E-03	1.7E-04	1.7E-04	8.0E-12	4.9E-11
PM<2.5				1.4E-10	3.8E-10	1.1E-03	2.6E-03	1.4E-04	1.4E-04	6.7E-12	4.1E-11
PCBs											
Dichlorobiphenyl	2.6E-16	1.5E-17	2.1E-17	1.3E-17	3.6E-17	4.0E-09	9.2E-09	5.0E-10	5.0E-10	1.2E-15	7.4E-15
Heptachlorobiphenyl	9.8E-18	1.7E-18	2.4E-18	1.5E-18	4.1E-18	5.4E-11	1.3E-10	6.8E-12	6.8E-12	7.4E-17	4.6E-16
Hexachlorobiphenyl	4.0E-17	7.8E-18	1.1E-17	6.6E-18	1.9E-17	2.3E-10	5.3E-10	2.9E-11	2.9E-11	3.4E-16	2.1E-15
Monochlorobiphenyl	1.8E-15	1.1E-16	1.5E-16	8.9E-17	2.5E-16	2.8E-08	6.4E-08	3.5E-09	3.5E-09	8.3E-15	5.1E-14
Nonachlorobiphenyl	1.2E-18	3.1E-19	4.3E-19	2.6E-19	7.2E-19	7.7E-12	1.8E-11	9.6E-13	9.6E-13	1.3E-17	8.1E-17
Octachlorobiphenyl	2.9E-18	5.6E-19	7.9E-19	4.7E-19	1.3E-18	1.7E-11	3.8E-11	2.1E-12	2.1E-12	2.4E-17	1.5E-16
Pentachlorobiphenyl	1.3E-16	2.8E-17	3.9E-17	2.4E-17	6.7E-17	7.8E-10	1.8E-09	9.8E-11	9.8E-11	1.2E-15	7.5E-15
Tetrachlorobiphenyl	7.7E-17	5.8E-18	8.1E-18	4.9E-18	1.4E-17	1.3E-09	3.0E-09	1.6E-10	1.6E-10	4.6E-16	2.8E-15
Trichlorobiphenyl	1.0E-16	7.0E-18	9.7E-18	5.9E-18	1.6E-17	1.6E-09	3.8E-09	2.0E-10	2.0E-10	5.5E-16	3.4E-15

Table H-113 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				2.9E-07	9.4E-09					9.3E-06	5.7E-05
Dieldrin		1.1E-09	4.3E-10	1.4E-09	1.0E-09					6.7E-11	1.1E-10
SVOCs											
1,2,4-trichlorobenzene						1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,2-dichlorobenzene	1.2E-19					4.7E-09	1.1E-08	5.8E-10	5.8E-10		
1,3-dichlorobenzene	3.0E-19					7.0E-09	1.6E-08	8.7E-10	8.7E-10		
1,4-dichlorobenzene	4.0E-18					6.5E-08	1.5E-07	8.1E-09	8.1E-09		
2,4-Dimethylphenol	1.1E-16					1.0E-06	2.4E-06	1.3E-07	1.3E-07		
2-Chlorophenol	5.5E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
2-Methylphenol	2.3E-15					2.4E-06	5.5E-06	3.0E-07	3.0E-07		
2-Nitrophenol	1.4E-17					3.2E-07	7.5E-07	4.0E-08	4.0E-08		
3-Methylphenol & 4-Methylphenol				1.6E-13	4.4E-13	4.3E-06	9.9E-06	5.4E-07	5.4E-07	7.7E-15	4.8E-14
4-Nitrophenol	2.8E-17					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Acetophenone	1.7E-16					5.1E-06	1.2E-05	6.4E-07	6.4E-07		
Benzoic acid	6.8E-16					2.3E-05	5.3E-05	2.9E-06	2.9E-06		
Benzyl alcohol	4.2E-19					1.9E-07	4.5E-07	2.4E-08	2.4E-08		
bis(2-Ethylhexyl) phthalate	2.1E-14	2.9E-13	4.0E-13	3.4E-13	9.5E-13	8.1E-06	1.9E-05	1.0E-06	1.0E-06	1.7E-14	1.0E-13
Butyl benzyl phthalate	7.5E-15	1.4E-16	1.9E-16	1.6E-16	4.6E-16	2.6E-07	5.9E-07	3.2E-08	3.2E-08	8.1E-18	5.0E-17
Carbazole				6.0E-16	1.7E-15	7.2E-09	1.7E-08	9.0E-10	9.0E-10	2.9E-17	1.8E-16
Dibenzofuran		6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.1E-07	9.4E-07	5.1E-08	5.1E-08	1.0E-14	6.4E-14
Dimethyl phthalate	2.8E-18					1.4E-08	3.3E-08	1.8E-09	1.8E-09		
Di-n-butyl phthalate	7.2E-14	1.4E-16	1.9E-16	1.6E-16	4.6E-16	3.9E-07	9.1E-07	4.9E-08	4.9E-08	8.1E-18	5.0E-17
Di-n-octyl phthalate	5.4E-19	4.0E-16	5.6E-16	4.7E-16	1.3E-15	2.8E-08	6.4E-08	3.4E-09	3.4E-09	2.3E-17	1.4E-16

Table H-113 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	2.9E-16					1.9E-06	4.4E-06	2.4E-07	2.4E-07		
Isopropanol						2.5E-01	9.7E-02				
p-Chloroaniline			1.4E-08		3.3E-08						3.6E-09
Phenol	6.3E-15					1.3E-05	3.0E-05	1.6E-06	1.6E-06		
Pyridine	3.3E-16					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
TRS											
Total Reduced Sulfur						1.2E-05	2.9E-05	1.6E-06	1.6E-06		
VOCs											
1,1,1,2-Tetrachloroethane	1.2E-19					5.8E-09	1.3E-08	7.2E-10	7.2E-10		
1,1,1-Trichloroethane	7.5E-21					5.7E-09	1.3E-08	7.1E-10	7.1E-10		
1,1-Dichloroethene	2.6E-22					1.1E-09	2.6E-09	1.4E-10	1.4E-10		
1,2,3-Trichlorobenzene	8.0E-18					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2,3-Trichloropropane	4.6E-20					4.6E-09	1.1E-08	5.8E-10	5.8E-10		
1,2,4-Trimethylbenzene						2.7E-07	6.2E-07	3.3E-08	3.3E-08		
1,2-Dibromoethane	1.6E-20					3.0E-09	6.8E-09	3.7E-10	3.7E-10		
1,2-Dichloroethane	5.0E-19					9.8E-04	1.9E-03	4.3E-05	4.3E-05		
1,3,5-Trimethylbenzene	2.6E-18					2.5E-07	5.8E-07	3.1E-08	3.1E-08		
1,3-Dichloropropane						2.9E-09	6.6E-09	3.6E-10	3.6E-10		
2-Butanone	1.0E-16					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
2-Chlorotoluene						6.3E-08	1.5E-07	7.9E-09	7.9E-09		
2-Hexanone						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
Benzene	8.5E-17					3.5E-02	1.2E-02	4.2E-04	4.2E-04		
Bromobenzene						1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Bromochloromethane						3.8E-09	8.7E-09	4.7E-10	4.7E-10		

Table H-113 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Bromodichloromethane	1.3E-20					4.1E-09	1.4E-02	5.1E-10	5.1E-10		
Bromoform							6.6E-02				
Bromomethane	5.7E-20					1.6E-07	3.8E-07	2.0E-08	2.0E-08		
Carbon disulfide	5.4E-20					1.4E-07	3.3E-07	1.8E-08	1.8E-08		
Carbon tetrachloride	5.8E-21					6.7E-03	1.7E-02	6.6E-04	6.6E-04		
Chlorobenzene	2.0E-18					2.1E-07	4.8E-07	2.6E-08	2.6E-08		
Chlorodibromomethane	7.8E-19					1.0E-07	2.3E-07	1.3E-08	1.3E-08		
Chloroethane	1.6E-19					3.9E-07	9.1E-07	4.9E-08	4.9E-08		
Chloroform	1.2E-19					1.6E-03	3.4E-02	1.0E-04	1.0E-04		
Chloromethane	4.2E-19					1.3E-06	3.1E-06	1.7E-07	1.7E-07		
cis-1,2-Dichloroethene	1.6E-19					1.7E-07	3.9E-07	2.1E-08	2.1E-08		
cis-1,3-Dichloropropene						1.0E-09	2.4E-09	1.3E-10	1.3E-10		
Dibromomethane	1.8E-20					8.7E-09	2.0E-08	1.1E-09	1.1E-09		
Dichlorodifluoromethane	2.0E-22					1.1E-08	2.5E-08	1.3E-09	1.3E-09		
Ethylbenzene	6.4E-17					9.2E-03	9.5E-03	1.0E-06	1.0E-06		
Isopropylbenzene	8.4E-20					6.8E-07	1.6E-06	8.4E-08	8.4E-08		
m&p-Xylene	1.0E-17					1.6E-06	3.6E-06	2.0E-07	2.0E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19					1.5E-08	3.5E-08	1.9E-09	1.9E-09		
Methylene chloride	1.1E-18					7.7E-07	1.8E-06	9.7E-08	9.7E-08		
n-Butylbenzene						3.3E-07	7.7E-07	4.2E-08	4.2E-08		
n-Propylbenzene						4.0E-07	9.3E-07	5.0E-08	5.0E-08		
o-Xylene	1.2E-17					9.8E-07	2.3E-06	1.2E-07	1.2E-07		
p-Chlorotoluene						2.4E-08	5.5E-08	3.0E-09	3.0E-09		
p-Isopropyltoluene						1.6E-07	3.8E-07	2.1E-08	2.1E-08		

Table H-113 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
sec-Butylbenzene						6.1E-08	1.4E-07	7.6E-09	7.6E-09		
Styrene	4.0E-16					2.2E-05	5.1E-05	2.7E-06	2.7E-06		
tert-Butylbenzene						2.0E-06	4.5E-06	2.4E-07	2.4E-07		
Tetrachloroethene	2.8E-20					5.2E-09	1.2E-08	6.5E-10	6.5E-10		
Toluene	6.7E-17					1.4E-05	3.1E-05	1.7E-06	1.7E-06		
trans-1,2-Dichloroethene	2.5E-18					3.6E-06	8.4E-06	4.5E-07	4.5E-07		
trans-1,3-Dichloropropene						1.8E-09	4.2E-09	2.3E-10	2.3E-10		
Trichloroethene	2.9E-22					2.2E-04	1.9E-02	3.9E-11	3.9E-11		
Trichlorofluoromethane	4.5E-22					3.7E-09	8.6E-09	4.7E-10	4.7E-10		
Vinyl chloride	2.1E-20					2.1E-07	4.9E-07	2.7E-08	2.7E-08		

Table H-114 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					4.8E-03	1.4E-06	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19

Table H-114 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.2E-02	2.0E-02					5.7E-07	2.1E-06
Antimony	1.6E-17			7.7E-07	1.4E-06	1.0E-08	2.4E-08	1.3E-09	1.3E-09	3.8E-11	1.5E-10
Arsenic	8.1E-16	2.7E-06	2.3E-07	6.4E-06	1.1E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	5.2E-10	2.0E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				3.3E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.6E-09	4.0E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				2.7E-02	3.7E-02					1.3E-06	4.0E-06
Lead	6.9E-18			1.1E-04	2.3E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.5E-09	2.5E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				2.7E-08	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	5.2E-08	3.2E-07
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19

Table H-114 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	7.1E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.7E-08	7.7E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Thallium (Soluble Salts)				8.1E-08	1.7E-07					4.0E-12	1.8E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	1.6E-07	5.1E-07	1.5E-07	9.3E-07	3.0E-09	6.9E-09	3.7E-10	3.7E-10	2.3E-09	1.4E-08
Benzo(a)pyrene	3.1E-12	1.7E-07	5.6E-07	1.5E-07	1.0E-06	1.2E-09	2.7E-09	1.5E-10	1.5E-10	7.6E-12	1.1E-10
Benzo(b)fluoranthene	8.3E-13	3.0E-07	7.9E-07	2.7E-07	1.4E-06	1.3E-09	3.0E-09	1.6E-10	1.6E-10	1.3E-11	1.5E-10
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	1.2E-07	4.0E-07	1.1E-07	7.2E-07	1.2E-11	2.7E-11	1.5E-12	1.5E-12	5.5E-12	7.8E-11

Table H-114 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.4E-07	5.7E-07	2.1E-07	1.0E-06	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.0E-11	1.1E-10
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	1.4E-07	3.1E-13	2.5E-07	1.9E-10	4.3E-10	2.3E-11	2.3E-11	1.5E-17	2.7E-11
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	9.4E-08	3.6E-07	8.6E-08	6.6E-07	6.2E-10	1.4E-09	7.7E-11	7.7E-11	4.2E-12	7.1E-11
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16

Table H-114 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				6.8E-06	2.2E-07					2.2E-07	1.3E-06
Dieldrin		2.7E-08	1.0E-08	3.2E-08	2.4E-08					1.6E-12	2.5E-12
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18

Table H-114 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						5.9E-03	2.3E-03				
p-Chloroaniline			3.3E-07		7.7E-07						8.4E-11
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.3E-05	4.4E-05	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.2E-04	2.7E-04	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		

Table H-114 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Bromodichloromethane	3.1E-19					9.5E-11	3.4E-04	1.2E-11	1.2E-11		
Bromoform							1.5E-03				
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.6E-04	3.9E-04	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					3.7E-05	7.9E-04	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					2.1E-04	2.2E-04	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		

Table H-114 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					5.0E-06	4.5E-04	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10		

Table H-115 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.6E-05	8.3E-05	4.5E-06	4.5E-06		
Aldehydes											
Acetaldehyde	3.9E-15					6.2E-05	1.4E-04	7.8E-06	7.8E-06		
Formaldehyde	1.9E-14					2.1E-01	1.7E+00	3.3E-06	3.3E-06		
Propionaldehyde				9.6E-17	2.7E-16	6.8E-06	1.6E-05	8.5E-07	8.5E-07	7.2E-13	4.4E-12
CO											
Carbon monoxide						1.9E-03	4.4E-03	2.4E-04	2.4E-04		
CO2											
Carbon dioxide						6.0E-05	1.4E-04	7.5E-06	7.5E-06		
Criteria											
Sulfur Dioxide						1.6E-05	3.7E-05	2.0E-06	2.0E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	3.9E-20	3.2E-17	4.5E-17	1.3E-16	3.6E-16	3.6E-11	8.4E-11	4.5E-12	4.5E-12	6.2E-18	3.8E-17
1,2,3,4,6,7,8-HpCDF	3.8E-20	3.3E-17	4.6E-17	1.3E-16	3.6E-16	3.7E-11	8.5E-11	4.6E-12	4.6E-12	6.3E-18	3.9E-17
1,2,3,4,7,8,9-HpCDF	6.2E-21	3.7E-18	5.2E-18	1.5E-17	4.1E-17	4.7E-12	1.1E-11	5.8E-13	5.8E-13	7.2E-19	4.4E-18
1,2,3,4,7,8-HxCDD	4.7E-20	3.7E-18	5.1E-18	1.4E-17	4.0E-17	4.4E-12	1.0E-11	5.4E-13	5.4E-13	7.1E-19	4.4E-18
1,2,3,4,7,8-HxCDF	3.2E-19	2.9E-17	4.1E-17	1.1E-16	3.2E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	5.6E-18	3.5E-17
1,2,3,6,7,8-HxCDD	9.2E-20	7.5E-18	1.0E-17	2.9E-17	8.2E-17	9.2E-12	2.1E-11	1.1E-12	1.1E-12	1.4E-18	8.9E-18
1,2,3,6,7,8-HxCDF	1.2E-19	9.5E-18	1.3E-17	3.7E-17	1.0E-16	1.1E-11	2.7E-11	1.4E-12	1.4E-12	1.8E-18	1.1E-17
1,2,3,7,8,9-HxCDD	1.3E-19	1.2E-17	1.6E-17	4.6E-17	1.3E-16	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.3E-18	1.4E-17
1,2,3,7,8,9-HxCDF	1.0E-20	6.8E-19	9.5E-19	2.7E-18	7.5E-18	8.8E-13	2.0E-12	1.1E-13	1.1E-13	1.3E-19	8.1E-19
1,2,3,7,8-PeCDD	2.9E-19	4.1E-18	5.8E-18	1.6E-17	4.6E-17	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.0E-19	4.9E-18
1,2,3,7,8-PeCDF	4.1E-19	4.9E-18	6.8E-18	1.9E-17	5.4E-17	7.9E-12	1.8E-11	9.9E-13	9.9E-13	9.4E-19	5.8E-18

Table H-115 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	1.7E-19	1.5E-17	2.1E-17	5.9E-17	1.6E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.9E-18	1.8E-17
2,3,4,7,8-PeCDF	6.4E-19	1.2E-17	1.6E-17	4.6E-17	1.3E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.2E-18	1.4E-17
2,3,7,8-TCDD	1.0E-19	8.5E-19	1.2E-18	3.4E-18	9.4E-18	2.2E-12	5.1E-12	2.8E-13	2.8E-13	1.1E-16	7.0E-16
2,3,7,8-TCDF	3.4E-19	1.5E-18	2.2E-18	6.1E-18	1.7E-17	8.2E-12	1.9E-11	1.0E-12	1.0E-12	3.0E-19	1.8E-18
OCDD	5.2E-22	2.2E-17	3.0E-17	8.6E-17	2.4E-16	2.4E-11	5.6E-11	3.0E-12	3.0E-12	4.2E-18	2.6E-17
OCDF	1.9E-22	8.4E-18	1.2E-17	3.3E-17	9.3E-17	9.1E-12	2.1E-11	1.1E-12	1.1E-12	1.6E-18	1.0E-17
HCN											
Hydrogen cyanide						6.8E-06	1.6E-05	8.5E-07	8.5E-07		
Metals											
Aluminum				5.0E-04	1.0E-03					2.4E-05	1.1E-04
Antimony	6.7E-19			3.3E-08	2.1E-08	4.5E-07	1.0E-06	5.6E-08	5.6E-08	1.6E-09	2.2E-09
Arsenic	3.5E-17	1.2E-07	2.0E-08	2.8E-07	9.2E-08	2.5E-08	5.9E-08	3.2E-09	3.2E-09	2.2E-08	1.7E-08
Barium	7.9E-14			7.6E-11	2.1E-10	5.4E-06	1.2E-05	6.7E-07	6.7E-07	3.7E-12	2.3E-11
Beryllium	1.4E-18			4.5E-17	1.3E-16	1.8E-09	4.3E-09	2.3E-10	2.3E-10	2.2E-18	1.4E-17
Cadmium	3.6E-16			3.5E-17	9.8E-17	3.2E-08	7.5E-08	4.1E-09	4.1E-09	1.7E-18	1.1E-17
Chromium	9.4E-17			2.3E-12	6.4E-12	2.8E-07	6.4E-07	3.5E-08	3.5E-08	1.1E-13	6.9E-13
Cobalt				1.4E-06	1.6E-06	4.2E-07	9.7E-07	5.3E-08	5.3E-08	6.8E-08	1.7E-07
Copper				8.3E-12	2.3E-11	7.6E-07	1.8E-06	9.5E-08	9.5E-08	4.1E-13	2.5E-12
Iron				1.2E-03	1.7E-03					5.8E-05	1.8E-04
Lead	3.0E-19			4.8E-06	2.3E-06	2.6E-07	5.9E-07	3.2E-08	3.2E-08	2.3E-07	2.4E-07
Manganese				3.4E-14	9.5E-14	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.7E-15	1.0E-14
Mercury (+2)				7.3E-16	2.1E-15	1.0E-09	2.3E-09	1.3E-10	1.3E-10	3.6E-17	2.2E-16
Mercury, elemental				1.2E-09	1.2E-09	4.2E-12	9.7E-12	5.3E-13	5.3E-13	2.2E-06	1.4E-05
Methyl Mercury	2.8E-16			4.4E-17	1.2E-16					2.1E-18	1.3E-17

Table H-115 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	1.4E-16			2.4E-05	3.4E-05	1.5E-07	3.4E-07	1.9E-08	1.9E-08	1.2E-06	3.7E-06
Phosphorus				3.2E-16	9.0E-16	1.1E-06	2.6E-06	1.4E-07	1.4E-07	3.1E-12	1.9E-11
Selenium	1.2E-17			1.7E-18	4.8E-18	7.5E-09	1.7E-08	9.3E-10	9.3E-10	8.5E-20	5.2E-19
Silver	8.2E-18			2.8E-14	7.8E-14	4.9E-09	1.1E-08	6.1E-10	6.1E-10	1.4E-15	8.4E-15
Thallium (Soluble Salts)				3.5E-09	6.2E-09					1.7E-10	6.6E-10
Titanium				3.4E-16	9.6E-16	2.6E-09	6.0E-09	3.3E-10	3.3E-10	1.7E-17	1.0E-16
Zinc	1.8E-13			7.9E-15	2.2E-14	5.9E-06	1.4E-05	7.3E-07	7.3E-07	3.9E-16	2.4E-15
NOx											
NOx (Oxides of Nitrogen)						6.7E-05	1.6E-04	8.4E-06	8.4E-06		
PAHs											
1-Methylnaphthalene		1.0E-17	1.4E-17	9.3E-18	2.6E-17	1.4E-06	3.3E-06	1.8E-07	1.8E-07	1.1E-14	6.5E-14
1-Methylphenanthrene				6.2E-15	1.7E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	3.0E-16	1.9E-15
2,3,5-Trimethylnaphthalene				2.9E-15	8.1E-15	8.4E-08	1.9E-07	1.0E-08	1.0E-08	1.4E-16	8.8E-16
2,6-Dimethylnaphthalene				7.9E-15	2.2E-14	2.2E-07	5.1E-07	2.8E-08	2.8E-08	3.9E-16	2.4E-15
2-Methylnaphthalene		9.9E-18	1.4E-17	9.0E-18	2.5E-17	1.4E-06	3.2E-06	1.7E-07	1.7E-07	1.0E-14	6.4E-14
Acenaphthylene				2.6E-14	7.1E-14	8.1E-07	1.9E-06	1.0E-07	1.0E-07	1.3E-15	7.7E-15
Acenaphthene	1.5E-16					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Anthracene	1.8E-15					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
Benzo(a)anthracene	2.6E-13	7.1E-09	9.8E-14	6.4E-09	1.8E-13	1.3E-07	3.0E-07	1.6E-08	1.6E-08	9.7E-08	6.0E-07
Benzo(a)pyrene	1.3E-13	7.3E-09	4.6E-14	6.6E-09	8.4E-14	5.0E-08	1.2E-07	6.3E-09	6.3E-09	3.2E-10	9.1E-15
Benzo(b)fluoranthene	3.6E-14	1.3E-08	2.7E-15	1.2E-08	4.8E-15	5.6E-08	1.3E-07	7.0E-09	7.0E-09	5.8E-10	5.2E-16
Benzo(e)pyrene				1.5E-15	4.1E-15	4.3E-08	9.9E-08	5.4E-09	5.4E-09	7.2E-17	4.4E-16
Benzo(g,h,i)perylene				1.1E-15	3.0E-15	3.3E-08	7.6E-08	4.1E-09	4.1E-09	5.3E-17	3.2E-16
Benzo(k)fluoranthene	2.6E-16	5.2E-09	2.7E-15	4.8E-09	4.9E-15	5.0E-10	1.2E-09	6.2E-11	6.2E-11	2.3E-10	5.3E-16

Table H-115 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				1.4E-16	4.0E-16	4.8E-06	1.1E-05	6.0E-07	6.0E-07	8.4E-14	5.2E-13
Chrysene	4.5E-14	1.0E-08	1.2E-13	9.2E-09	2.3E-13	2.2E-07	5.1E-07	2.7E-08	2.7E-08	4.5E-10	2.4E-14
Dibenze(a,h)anthracene	6.4E-15	1.1E-14	1.6E-14	1.0E-14	2.9E-14	8.0E-09	1.8E-08	9.9E-10	9.9E-10	5.0E-16	3.1E-15
Fluoranthene	1.2E-14	2.6E-15	3.6E-15	2.3E-15	6.6E-15	3.2E-07	7.4E-07	4.0E-08	4.0E-08	1.1E-16	7.1E-16
Fluorene	2.6E-15					8.0E-07	1.9E-06	1.0E-07	1.0E-07		
Indeno(1,2,3-cd)pyrene	1.6E-14	4.0E-09	4.5E-14	3.7E-09	8.2E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	1.8E-10	8.9E-15
Napthalene	1.2E-15					6.4E-06	1.5E-05	8.0E-07	8.0E-07		
Perylene				5.6E-16	1.6E-15	2.0E-08	4.6E-08	2.5E-09	2.5E-09	2.8E-17	1.7E-16
Phenanthrene	1.3E-14					1.5E-06	3.5E-06	1.9E-07	1.9E-07		
Pyrene	8.7E-15	7.1E-15	9.9E-15	6.5E-15	1.8E-14	3.1E-07	7.2E-07	3.9E-08	3.9E-08	1.8E-13	1.1E-12
Particulate											
Particulate Total Suspended Particulate				1.3E-10	3.6E-10	1.0E-03	2.3E-03	1.3E-04	1.3E-04	6.3E-12	3.9E-11
PM<10				1.6E-10	4.6E-10	1.3E-03	3.1E-03	1.7E-04	1.7E-04	8.0E-12	4.9E-11
PM<2.5				1.4E-10	3.8E-10	1.1E-03	2.6E-03	1.4E-04	1.4E-04	6.7E-12	4.1E-11
PCBs											
Dichlorobiphenyl	2.6E-16	1.5E-17	2.1E-17	1.3E-17	3.6E-17	4.0E-09	9.2E-09	5.0E-10	5.0E-10	1.2E-15	7.4E-15
Heptachlorobiphenyl	9.8E-18	1.7E-18	2.4E-18	1.5E-18	4.1E-18	5.4E-11	1.3E-10	6.8E-12	6.8E-12	7.4E-17	4.6E-16
Hexachlorobiphenyl	4.0E-17	7.8E-18	1.1E-17	6.6E-18	1.9E-17	2.3E-10	5.3E-10	2.9E-11	2.9E-11	3.4E-16	2.1E-15
Monochlorobiphenyl	1.8E-15	1.1E-16	1.5E-16	8.9E-17	2.5E-16	2.8E-08	6.4E-08	3.5E-09	3.5E-09	8.3E-15	5.1E-14
Nonachlorobiphenyl	1.2E-18	3.1E-19	4.3E-19	2.6E-19	7.2E-19	7.7E-12	1.8E-11	9.6E-13	9.6E-13	1.3E-17	8.1E-17
Octachlorobiphenyl	2.9E-18	5.6E-19	7.9E-19	4.7E-19	1.3E-18	1.7E-11	3.8E-11	2.1E-12	2.1E-12	2.4E-17	1.5E-16
Pentachlorobiphenyl	1.3E-16	2.8E-17	3.9E-17	2.4E-17	6.7E-17	7.8E-10	1.8E-09	9.8E-11	9.8E-11	1.2E-15	7.5E-15
Tetrachlorobiphenyl	7.7E-17	5.8E-18	8.1E-18	4.9E-18	1.4E-17	1.3E-09	3.0E-09	1.6E-10	1.6E-10	4.6E-16	2.8E-15
Trichlorobiphenyl	1.0E-16	7.0E-18	9.7E-18	5.9E-18	1.6E-17	1.6E-09	3.8E-09	2.0E-10	2.0E-10	5.5E-16	3.4E-15

Table H-115 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				2.9E-07	3.3E-09					9.3E-06	5.7E-05
Dieldrin		1.1E-09		1.4E-09						6.7E-11	
SVOCs											
1,2,4-trichlorobenzene						1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,2-dichlorobenzene	1.2E-19					4.7E-09	1.1E-08	5.8E-10	5.8E-10		
1,3-dichlorobenzene	3.0E-19					7.0E-09	1.6E-08	8.7E-10	8.7E-10		
1,4-dichlorobenzene	4.0E-18					6.5E-08	1.5E-07	8.1E-09	8.1E-09		
2,4-Dimethylphenol	1.1E-16					1.0E-06	2.4E-06	1.3E-07	1.3E-07		
2-Chlorophenol	5.5E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
2-Methylphenol	2.3E-15					2.4E-06	5.5E-06	3.0E-07	3.0E-07		
2-Nitrophenol	1.4E-17					3.2E-07	7.5E-07	4.0E-08	4.0E-08		
3-Methylphenol & 4-Methylphenol				1.6E-13	4.4E-13	4.3E-06	9.9E-06	5.4E-07	5.4E-07	7.7E-15	4.8E-14
4-Nitrophenol	2.8E-17					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Acetophenone	1.7E-16					5.1E-06	1.2E-05	6.4E-07	6.4E-07		
Benzoic acid	6.8E-16					2.3E-05	5.3E-05	2.9E-06	2.9E-06		
Benzyl alcohol	4.2E-19					1.9E-07	4.5E-07	2.4E-08	2.4E-08		
bis(2-Ethylhexyl) phthalate	2.1E-14	2.9E-13	4.0E-13	3.4E-13	9.5E-13	8.1E-06	1.9E-05	1.0E-06	1.0E-06	1.7E-14	1.0E-13
Butyl benzyl phthalate	7.5E-15	1.4E-16	1.9E-16	1.6E-16	4.6E-16	2.6E-07	5.9E-07	3.2E-08	3.2E-08	8.1E-18	5.0E-17
Carbazole				6.0E-16	1.7E-15	7.2E-09	1.7E-08	9.0E-10	9.0E-10	2.9E-17	1.8E-16
Dibenzofuran		6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.1E-07	9.4E-07	5.1E-08	5.1E-08	1.0E-14	6.4E-14
Dimethyl phthalate	2.8E-18					1.4E-08	3.3E-08	1.8E-09	1.8E-09		
Di-n-butyl phthalate	7.2E-14	1.4E-16	1.9E-16	1.6E-16	4.6E-16	3.9E-07	9.1E-07	4.9E-08	4.9E-08	8.1E-18	5.0E-17
Di-n-octyl phthalate	5.4E-19	4.0E-16	5.6E-16	4.7E-16	1.3E-15	2.8E-08	6.4E-08	3.4E-09	3.4E-09	2.3E-17	1.4E-16

Table H-115 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	2.9E-16					1.9E-06	4.4E-06	2.4E-07	2.4E-07		
Isopropanol						2.5E-01					
Phenol	6.3E-15					1.3E-05	3.0E-05	1.6E-06	1.6E-06		
Pyridine	3.3E-16					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
TRS											
Total Reduced Sulfur						1.2E-05	2.9E-05	1.6E-06	1.6E-06		
VOCs											
1,1,1,2-Tetrachloroethane	1.2E-19					5.8E-09	1.3E-08	7.2E-10	7.2E-10		
1,1,1-Trichloroethane	7.5E-21					5.7E-09	1.3E-08	7.1E-10	7.1E-10		
1,1-Dichloroethene	2.6E-22					1.1E-09	2.6E-09	1.4E-10	1.4E-10		
1,2,3-Trichlorobenzene	8.0E-18					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2,3-Trichloropropane	4.6E-20					4.6E-09	1.1E-08	5.8E-10	5.8E-10		
1,2,4-Trimethylbenzene						2.7E-07	6.2E-07	3.3E-08	3.3E-08		
1,2-Dibromoethane	1.6E-20					3.0E-09	6.8E-09	3.7E-10	3.7E-10		
1,2-Dichloroethane	5.0E-19					9.8E-04	2.7E-07	4.3E-05	4.3E-05		
1,3,5-Trimethylbenzene	2.6E-18					2.5E-07	5.8E-07	3.1E-08	3.1E-08		
1,3-Dichloropropane						2.9E-09	6.6E-09	3.6E-10	3.6E-10		
2-Butanone	1.0E-16					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
2-Chlorotoluene						6.3E-08	1.5E-07	7.9E-09	7.9E-09		
2-Hexanone						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
Benzene	8.5E-17					3.5E-02	8.6E-05	4.2E-04	4.2E-04		
Bromobenzene						1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Bromochloromethane						3.8E-09	8.7E-09	4.7E-10	4.7E-10		
Bromodichloromethane	1.3E-20					4.1E-09	9.4E-09	5.1E-10	5.1E-10		

Table H-115 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromomethane	5.7E-20					1.6E-07	3.8E-07	2.0E-08	2.0E-08		
Carbon disulfide	5.4E-20					1.4E-07	3.3E-07	1.8E-08	1.8E-08		
Carbon tetrachloride	5.8E-21					6.7E-03	2.2E-08	6.6E-04	6.6E-04		
Chlorobenzene	2.0E-18					2.1E-07	4.8E-07	2.6E-08	2.6E-08		
Chlorodibromomethane	7.8E-19					1.0E-07	2.3E-07	1.3E-08	1.3E-08		
Chloroethane	1.6E-19					3.9E-07	9.1E-07	4.9E-08	4.9E-08		
Chloroform	1.2E-19					1.6E-03	1.9E-07	1.0E-04	1.0E-04		
Chloromethane	4.2E-19					1.3E-06	3.1E-06	1.7E-07	1.7E-07		
cis-1,2-Dichloroethene	1.6E-19					1.7E-07	3.9E-07	2.1E-08	2.1E-08		
cis-1,3-Dichloropropene						1.0E-09	2.4E-09	1.3E-10	1.3E-10		
Dibromomethane	1.8E-20					8.7E-09	2.0E-08	1.1E-09	1.1E-09		
Dichlorodifluoromethane	2.0E-22					1.1E-08	2.5E-08	1.3E-09	1.3E-09		
Ethylbenzene	6.4E-17					9.2E-03	1.9E-05	1.0E-06	1.0E-06		
Isopropylbenzene	8.4E-20					6.8E-07	1.6E-06	8.4E-08	8.4E-08		
m&p-Xylene	1.0E-17					1.6E-06	3.6E-06	2.0E-07	2.0E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19					1.5E-08	3.5E-08	1.9E-09	1.9E-09		
Methylene chloride	1.1E-18					7.7E-07	1.8E-06	9.7E-08	9.7E-08		
n-Butylbenzene						3.3E-07	7.7E-07	4.2E-08	4.2E-08		
n-Propylbenzene						4.0E-07	9.3E-07	5.0E-08	5.0E-08		
o-Xylene	1.2E-17					9.8E-07	2.3E-06	1.2E-07	1.2E-07		
p-Chlorotoluene						2.4E-08	5.5E-08	3.0E-09	3.0E-09		
p-Isopropyltoluene						1.6E-07	3.8E-07	2.1E-08	2.1E-08		
sec-Butylbenzene						6.1E-08	1.4E-07	7.6E-09	7.6E-09		
Styrene	4.0E-16					2.2E-05	5.1E-05	2.7E-06	2.7E-06		

Table H-115 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)
tert-Butylbenzene						2.0E-06	4.5E-06	2.4E-07	2.4E-07			
Tetrachloroethene	2.8E-20					5.2E-09	1.2E-08	6.5E-10	6.5E-10			
Toluene	6.7E-17					1.4E-05	3.1E-05	1.7E-06	1.7E-06			
trans-1,2-Dichloroethene	2.5E-18					3.6E-06	8.4E-06	4.5E-07	4.5E-07			
trans-1,3-Dichloropropene						1.8E-09	4.2E-09	2.3E-10	2.3E-10			
Trichloroethene	2.9E-22					2.2E-04	7.2E-10	3.9E-11	3.9E-11			
Trichlorofluoromethane	4.5E-22					3.7E-09	8.6E-09	4.7E-10	4.7E-10			
Vinyl chloride	2.1E-20					2.1E-07	4.9E-07	2.7E-08	2.7E-08			

Table H-116 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					4.8E-03	4.0E-02	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18	
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18	
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19	
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19	
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18	
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19	
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19	
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19	
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20	
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19	
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19	

Table H-116 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.2E-02	2.4E-02					5.7E-07	2.6E-06
Antimony	1.6E-17			7.7E-07	4.8E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	3.8E-11	5.2E-11
Arsenic	8.1E-16	2.7E-06	4.6E-07	6.4E-06	2.2E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	5.2E-10	3.9E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				3.3E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.6E-09	4.0E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				2.7E-02	4.0E-02					1.3E-06	4.3E-06
Lead	6.9E-18			1.1E-04	5.3E-05	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.5E-09	5.7E-09
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				2.7E-08	2.7E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	5.2E-08	3.2E-07
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19

Table H-116 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	7.9E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.7E-08	8.5E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Thallium (Soluble Salts)				8.1E-08	1.4E-07					4.0E-12	1.6E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	1.6E-07	2.8E-12	1.5E-07	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	2.3E-09	1.4E-08
Benzo(a)pyrene	3.1E-12	1.7E-07	1.2E-12	1.5E-07	2.3E-12	1.2E-09	2.7E-09	1.5E-10	1.5E-10	7.6E-12	2.4E-16
Benzo(b)fluoranthene	8.3E-13	3.0E-07	7.3E-14	2.7E-07	1.3E-13	1.3E-09	3.0E-09	1.6E-10	1.6E-10	1.3E-11	1.4E-17
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	1.2E-07	9.7E-14	1.1E-07	1.8E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	5.5E-12	1.9E-17

Table H-116 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.4E-07	3.8E-12	2.1E-07	6.9E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.0E-11	7.4E-16
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	4.7E-13	3.1E-13	8.6E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	1.5E-17	9.3E-17
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	9.4E-08	1.3E-12	8.6E-08	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	4.2E-12	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16

Table H-116 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				6.8E-06	7.8E-08					2.2E-07	1.3E-06
Dieldrin		2.7E-08		3.2E-08						1.6E-12	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18

Table H-116 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						5.9E-03					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.3E-05	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.2E-04	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		

Table H-116 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.6E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					3.7E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					2.1E-04	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		

Table H-116 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09			
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11			
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08			
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08			
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12			
Trichloroethene	6.8E-21					5.0E-06	1.7E-11	9.1E-13	9.1E-13			
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11			
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10			

Table H-117 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.6E-05	8.3E-05	4.5E-06	4.5E-06		
Aldehydes											
Acetaldehyde	3.9E-15					6.2E-05	1.4E-04	7.8E-06	7.8E-06		
Formaldehyde	1.9E-14					2.1E-01	1.2E+00	3.3E-06	3.3E-06		
Propionaldehyde				9.6E-17	2.7E-16	6.8E-06	1.6E-05	8.5E-07	8.5E-07	7.2E-13	4.4E-12
CO											
Carbon monoxide						1.9E-03	4.4E-03	2.4E-04	2.4E-04		
CO2											
Carbon dioxide						6.0E-05	1.4E-04	7.5E-06	7.5E-06		
Criteria											
Sulfur Dioxide						1.6E-05	3.7E-05	2.0E-06	2.0E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	3.9E-20	3.2E-17	4.5E-17	1.3E-16	3.6E-16	3.6E-11	8.4E-11	4.5E-12	4.5E-12	6.2E-18	3.8E-17
1,2,3,4,6,7,8-HpCDF	3.8E-20	3.3E-17	4.6E-17	1.3E-16	3.6E-16	3.7E-11	8.5E-11	4.6E-12	4.6E-12	6.3E-18	3.9E-17
1,2,3,4,7,8,9-HpCDF	6.2E-21	3.7E-18	5.2E-18	1.5E-17	4.1E-17	4.7E-12	1.1E-11	5.8E-13	5.8E-13	7.2E-19	4.4E-18
1,2,3,4,7,8-HxCDD	4.7E-20	3.7E-18	5.1E-18	1.4E-17	4.0E-17	4.4E-12	1.0E-11	5.4E-13	5.4E-13	7.1E-19	4.4E-18
1,2,3,4,7,8-HxCDF	3.2E-19	2.9E-17	4.1E-17	1.1E-16	3.2E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	5.6E-18	3.5E-17
1,2,3,6,7,8-HxCDD	9.2E-20	7.5E-18	1.0E-17	2.9E-17	8.2E-17	9.2E-12	2.1E-11	1.1E-12	1.1E-12	1.4E-18	8.9E-18
1,2,3,6,7,8-HxCDF	1.2E-19	9.5E-18	1.3E-17	3.7E-17	1.0E-16	1.1E-11	2.7E-11	1.4E-12	1.4E-12	1.8E-18	1.1E-17
1,2,3,7,8,9-HxCDD	1.3E-19	1.2E-17	1.6E-17	4.6E-17	1.3E-16	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.3E-18	1.4E-17
1,2,3,7,8,9-HxCDF	1.0E-20	6.8E-19	9.5E-19	2.7E-18	7.5E-18	8.8E-13	2.0E-12	1.1E-13	1.1E-13	1.3E-19	8.1E-19
1,2,3,7,8-PeCDD	2.9E-19	4.1E-18	5.8E-18	1.6E-17	4.6E-17	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.0E-19	4.9E-18
1,2,3,7,8-PeCDF	4.1E-19	4.9E-18	6.8E-18	1.9E-17	5.4E-17	7.9E-12	1.8E-11	9.9E-13	9.9E-13	9.4E-19	5.8E-18

Table H-117 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	1.7E-19	1.5E-17	2.1E-17	5.9E-17	1.6E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.9E-18	1.8E-17
2,3,4,7,8-PeCDF	6.4E-19	1.2E-17	1.6E-17	4.6E-17	1.3E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.2E-18	1.4E-17
2,3,7,8-TCDD	1.0E-19	8.5E-19	1.2E-18	3.4E-18	9.4E-18	2.2E-12	5.1E-12	2.8E-13	2.8E-13	1.1E-16	7.0E-16
2,3,7,8-TCDF	3.4E-19	1.5E-18	2.2E-18	6.1E-18	1.7E-17	8.2E-12	1.9E-11	1.0E-12	1.0E-12	3.0E-19	1.8E-18
OCDD	5.2E-22	2.2E-17	3.0E-17	8.6E-17	2.4E-16	2.4E-11	5.6E-11	3.0E-12	3.0E-12	4.2E-18	2.6E-17
OCDF	1.9E-22	8.4E-18	1.2E-17	3.3E-17	9.3E-17	9.1E-12	2.1E-11	1.1E-12	1.1E-12	1.6E-18	1.0E-17
HCN											
Hydrogen cyanide						6.8E-06	1.6E-05	8.5E-07	8.5E-07		
Metals											
Aluminum				5.0E-04	8.2E-04					2.4E-05	8.9E-05
Antimony	6.7E-19			3.3E-08	7.2E-09	4.5E-07	1.0E-06	5.6E-08	5.6E-08	1.6E-09	7.8E-10
Arsenic	3.5E-17	1.2E-07	7.8E-09	2.8E-07	3.7E-08	2.5E-08	5.9E-08	3.2E-09	3.2E-09	2.2E-08	6.6E-09
Barium	7.9E-14			7.6E-11	2.1E-10	5.4E-06	1.2E-05	6.7E-07	6.7E-07	3.7E-12	2.3E-11
Beryllium	1.4E-18			4.5E-17	1.3E-16	1.8E-09	4.3E-09	2.3E-10	2.3E-10	2.2E-18	1.4E-17
Cadmium	3.6E-16			3.5E-17	9.8E-17	3.2E-08	7.5E-08	4.1E-09	4.1E-09	1.7E-18	1.1E-17
Chromium	9.4E-17			2.3E-12	6.4E-12	2.8E-07	6.4E-07	3.5E-08	3.5E-08	1.1E-13	6.9E-13
Cobalt				1.4E-06	2.7E-06	4.2E-07	9.7E-07	5.3E-08	5.3E-08	6.8E-08	2.9E-07
Copper				8.3E-12	2.3E-11	7.6E-07	1.8E-06	9.5E-08	9.5E-08	4.1E-13	2.5E-12
Iron				1.2E-03	1.8E-03					5.8E-05	2.0E-04
Lead	3.0E-19			4.8E-06	6.2E-06	2.6E-07	5.9E-07	3.2E-08	3.2E-08	2.3E-07	6.6E-07
Manganese				3.4E-14	9.5E-14	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.7E-15	1.0E-14
Mercury (+2)				7.3E-16	2.1E-15	1.0E-09	2.3E-09	1.3E-10	1.3E-10	3.6E-17	2.2E-16
Mercury, elemental				1.2E-09	1.9E-09	4.2E-12	9.7E-12	5.3E-13	5.3E-13	2.2E-06	1.4E-05
Methyl Mercury	2.8E-16			4.4E-17	1.2E-16					2.1E-18	1.3E-17

Table H-117 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	1.4E-16			2.4E-05	5.7E-05	1.5E-07	3.4E-07	1.9E-08	1.9E-08	1.2E-06	6.1E-06
Phosphorus				3.2E-16	9.0E-16	1.1E-06	2.6E-06	1.4E-07	1.4E-07	3.1E-12	1.9E-11
Selenium	1.2E-17			1.7E-18	4.8E-18	7.5E-09	1.7E-08	9.3E-10	9.3E-10	8.5E-20	5.2E-19
Silver	8.2E-18			2.8E-14	7.8E-14	4.9E-09	1.1E-08	6.1E-10	6.1E-10	1.4E-15	8.4E-15
Thallium (Soluble Salts)				3.5E-09						1.7E-10	
Titanium				3.4E-16	9.6E-16	2.6E-09	6.0E-09	3.3E-10	3.3E-10	1.7E-17	1.0E-16
Zinc	1.8E-13			7.9E-15	2.2E-14	5.9E-06	1.4E-05	7.3E-07	7.3E-07	3.9E-16	2.4E-15
NOx											
NOx (Oxides of Nitrogen)						6.7E-05	1.6E-04	8.4E-06	8.4E-06		
PAHs											
1-Methylnaphthalene		1.0E-17	1.4E-17	9.3E-18	2.6E-17	1.4E-06	3.3E-06	1.8E-07	1.8E-07	1.1E-14	6.5E-14
1-Methylphenanthrene				6.2E-15	1.7E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	3.0E-16	1.9E-15
2,3,5-Trimethylnaphthalene				2.9E-15	8.1E-15	8.4E-08	1.9E-07	1.0E-08	1.0E-08	1.4E-16	8.8E-16
2,6-Dimethylnaphthalene				7.9E-15	2.2E-14	2.2E-07	5.1E-07	2.8E-08	2.8E-08	3.9E-16	2.4E-15
2-Methylnaphthalene		9.9E-18	1.4E-17	9.0E-18	2.5E-17	1.4E-06	3.2E-06	1.7E-07	1.7E-07	1.0E-14	6.4E-14
Acenaphthylene				2.6E-14	7.1E-14	8.1E-07	1.9E-06	1.0E-07	1.0E-07	1.3E-15	7.7E-15
Acenaphthene	1.5E-16					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Anthracene	1.8E-15					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
Benzo(a)anthracene	2.6E-13	7.1E-09	9.8E-14	6.4E-09	1.8E-13	1.3E-07	3.0E-07	1.6E-08	1.6E-08	9.7E-08	6.0E-07
Benzo(a)pyrene	1.3E-13	7.3E-09	5.6E-09	6.6E-09	1.0E-08	5.0E-08	1.2E-07	6.3E-09	6.3E-09	3.2E-10	1.1E-09
Benzo(b)fluoranthene	3.6E-14	1.3E-08	5.1E-09	1.2E-08	9.2E-09	5.6E-08	1.3E-07	7.0E-09	7.0E-09	5.8E-10	1.0E-09
Benzo(e)pyrene				1.5E-15	4.1E-15	4.3E-08	9.9E-08	5.4E-09	5.4E-09	7.2E-17	4.4E-16
Benzo(g,h,i)perylene				1.1E-15	3.0E-15	3.3E-08	7.6E-08	4.1E-09	4.1E-09	5.3E-17	3.2E-16
Benzo(k)fluoranthene	2.6E-16	5.2E-09	2.7E-15	4.8E-09	4.9E-15	5.0E-10	1.2E-09	6.2E-11	6.2E-11	2.3E-10	5.3E-16

Table H-117 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				1.4E-16	4.0E-16	4.8E-06	1.1E-05	6.0E-07	6.0E-07	8.4E-14	5.2E-13
Chrysene	4.5E-14	1.0E-08	1.2E-13	9.2E-09	2.3E-13	2.2E-07	5.1E-07	2.7E-08	2.7E-08	4.5E-10	2.4E-14
Dibenze(a,h)anthracene	6.4E-15	1.1E-14	1.6E-14	1.0E-14	2.9E-14	8.0E-09	1.8E-08	9.9E-10	9.9E-10	5.0E-16	3.1E-15
Fluoranthene	1.2E-14	2.6E-15	3.6E-15	2.3E-15	6.6E-15	3.2E-07	7.4E-07	4.0E-08	4.0E-08	1.1E-16	7.1E-16
Fluorene	2.6E-15					8.0E-07	1.9E-06	1.0E-07	1.0E-07		
Indeno(1,2,3-cd)pyrene	1.6E-14	4.0E-09	4.5E-14	3.7E-09	8.2E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	1.8E-10	8.9E-15
Napthalene	1.2E-15					6.4E-06	1.5E-05	8.0E-07	8.0E-07		
Perylene				5.6E-16	1.6E-15	2.0E-08	4.6E-08	2.5E-09	2.5E-09	2.8E-17	1.7E-16
Phenanthrene	1.3E-14					1.5E-06	3.5E-06	1.9E-07	1.9E-07		
Pyrene	8.7E-15	7.1E-15	9.9E-15	6.5E-15	1.8E-14	3.1E-07	7.2E-07	3.9E-08	3.9E-08	1.8E-13	1.1E-12
Particulate											
Particulate Total Suspended Particulate				1.3E-10	3.6E-10	1.0E-03	2.3E-03	1.3E-04	1.3E-04	6.3E-12	3.9E-11
PM<10				1.6E-10	4.6E-10	1.3E-03	3.1E-03	1.7E-04	1.7E-04	8.0E-12	4.9E-11
PM<2.5				1.4E-10	3.8E-10	1.1E-03	2.6E-03	1.4E-04	1.4E-04	6.7E-12	4.1E-11
PCBs											
Dichlorobiphenyl	2.6E-16	1.5E-17	2.1E-17	1.3E-17	3.6E-17	4.0E-09	9.2E-09	5.0E-10	5.0E-10	1.2E-15	7.4E-15
Heptachlorobiphenyl	9.8E-18	1.7E-18	2.4E-18	1.5E-18	4.1E-18	5.4E-11	1.3E-10	6.8E-12	6.8E-12	7.4E-17	4.6E-16
Hexachlorobiphenyl	4.0E-17	7.8E-18	1.1E-17	6.6E-18	1.9E-17	2.3E-10	5.3E-10	2.9E-11	2.9E-11	3.4E-16	2.1E-15
Monochlorobiphenyl	1.8E-15	1.1E-16	1.5E-16	8.9E-17	2.5E-16	2.8E-08	6.4E-08	3.5E-09	3.5E-09	8.3E-15	5.1E-14
Nonachlorobiphenyl	1.2E-18	3.1E-19	4.3E-19	2.6E-19	7.2E-19	7.7E-12	1.8E-11	9.6E-13	9.6E-13	1.3E-17	8.1E-17
Octachlorobiphenyl	2.9E-18	5.6E-19	7.9E-19	4.7E-19	1.3E-18	1.7E-11	3.8E-11	2.1E-12	2.1E-12	2.4E-17	1.5E-16
Pentachlorobiphenyl	1.3E-16	2.8E-17	3.9E-17	2.4E-17	6.7E-17	7.8E-10	1.8E-09	9.8E-11	9.8E-11	1.2E-15	7.5E-15
Tetrachlorobiphenyl	7.7E-17	5.8E-18	8.1E-18	4.9E-18	1.4E-17	1.3E-09	3.0E-09	1.6E-10	1.6E-10	4.6E-16	2.8E-15
Trichlorobiphenyl	1.0E-16	7.0E-18	9.7E-18	5.9E-18	1.6E-17	1.6E-09	3.8E-09	2.0E-10	2.0E-10	5.5E-16	3.4E-15

Table H-117 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				2.9E-07	1.2E-08					9.3E-06	5.7E-05
Dieldrin		1.1E-09		1.4E-09						6.7E-11	
SVOCs											
1,2,4-trichlorobenzene						1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,2-dichlorobenzene	1.2E-19					4.7E-09	1.1E-08	5.8E-10	5.8E-10		
1,3-dichlorobenzene	3.0E-19					7.0E-09	1.6E-08	8.7E-10	8.7E-10		
1,4-dichlorobenzene	4.0E-18					6.5E-08	1.5E-07	8.1E-09	8.1E-09		
2,4-Dimethylphenol	1.1E-16					1.0E-06	2.4E-06	1.3E-07	1.3E-07		
2-Chlorophenol	5.5E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
2-Methylphenol	2.3E-15					2.4E-06	5.5E-06	3.0E-07	3.0E-07		
2-Nitrophenol	1.4E-17					3.2E-07	7.5E-07	4.0E-08	4.0E-08		
3-Methylphenol & 4-Methylphenol				1.6E-13	4.4E-13	4.3E-06	9.9E-06	5.4E-07	5.4E-07	7.7E-15	4.8E-14
4-Nitrophenol	2.8E-17					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Acetophenone	1.7E-16					5.1E-06	1.2E-05	6.4E-07	6.4E-07		
Benzoic acid	6.8E-16					2.3E-05	5.3E-05	2.9E-06	2.9E-06		
Benzyl alcohol	4.2E-19					1.9E-07	4.5E-07	2.4E-08	2.4E-08		
bis(2-Ethylhexyl) phthalate	2.1E-14	2.9E-13	4.0E-13	3.4E-13	9.5E-13	8.1E-06	1.9E-05	1.0E-06	1.0E-06	1.7E-14	1.0E-13
Butyl benzyl phthalate	7.5E-15	1.4E-16	1.9E-16	1.6E-16	4.6E-16	2.6E-07	5.9E-07	3.2E-08	3.2E-08	8.1E-18	5.0E-17
Carbazole				6.0E-16	1.7E-15	7.2E-09	1.7E-08	9.0E-10	9.0E-10	2.9E-17	1.8E-16
Dibenzofuran		6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.1E-07	9.4E-07	5.1E-08	5.1E-08	1.0E-14	6.4E-14
Dimethyl phthalate	2.8E-18					1.4E-08	3.3E-08	1.8E-09	1.8E-09		
Di-n-butyl phthalate	7.2E-14	1.4E-16	1.9E-16	1.6E-16	4.6E-16	3.9E-07	9.1E-07	4.9E-08	4.9E-08	8.1E-18	5.0E-17
Di-n-octyl phthalate	5.4E-19	4.0E-16	5.6E-16	4.7E-16	1.3E-15	2.8E-08	6.4E-08	3.4E-09	3.4E-09	2.3E-17	1.4E-16

Table H-117 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	2.9E-16					1.9E-06	4.4E-06	2.4E-07	2.4E-07		
Isopropanol						2.5E-01					
Phenol	6.3E-15					1.3E-05	3.0E-05	1.6E-06	1.6E-06		
Pyridine	3.3E-16					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
TRS											
Total Reduced Sulfur						1.2E-05	2.9E-05	1.6E-06	1.6E-06		
VOCs											
1,1,1,2-Tetrachloroethane	1.2E-19					5.8E-09	1.3E-08	7.2E-10	7.2E-10		
1,1,1-Trichloroethane	7.5E-21					5.7E-09	1.3E-08	7.1E-10	7.1E-10		
1,1-Dichloroethene	2.6E-22					1.1E-09	2.6E-09	1.4E-10	1.4E-10		
1,2,3-Trichlorobenzene	8.0E-18					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2,3-Trichloropropane	4.6E-20					4.6E-09	1.1E-08	5.8E-10	5.8E-10		
1,2,4-Trimethylbenzene						2.7E-07	6.2E-07	3.3E-08	3.3E-08		
1,2-Dibromoethane	1.6E-20					3.0E-09	6.8E-09	3.7E-10	3.7E-10		
1,2-Dichloroethane	5.0E-19					9.8E-04	2.7E-07	4.3E-05	4.3E-05		
1,3,5-Trimethylbenzene	2.6E-18					2.5E-07	5.8E-07	3.1E-08	3.1E-08		
1,3-Dichloropropane						2.9E-09	6.6E-09	3.6E-10	3.6E-10		
2-Butanone	1.0E-16					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
2-Chlorotoluene						6.3E-08	1.5E-07	7.9E-09	7.9E-09		
2-Hexanone						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
Benzene	8.5E-17					3.5E-02	8.6E-05	4.2E-04	4.2E-04		
Bromobenzene						1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Bromochloromethane						3.8E-09	8.7E-09	4.7E-10	4.7E-10		
Bromodichloromethane	1.3E-20					4.1E-09	9.4E-09	5.1E-10	5.1E-10		

Table H-117 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromomethane	5.7E-20					1.6E-07	3.8E-07	2.0E-08	2.0E-08		
Carbon disulfide	5.4E-20					1.4E-07	3.3E-07	1.8E-08	1.8E-08		
Carbon tetrachloride	5.8E-21					6.7E-03	2.2E-08	6.6E-04	6.6E-04		
Chlorobenzene	2.0E-18					2.1E-07	4.8E-07	2.6E-08	2.6E-08		
Chlorodibromomethane	7.8E-19					1.0E-07	2.3E-07	1.3E-08	1.3E-08		
Chloroethane	1.6E-19					3.9E-07	9.1E-07	4.9E-08	4.9E-08		
Chloroform	1.2E-19					1.6E-03	1.9E-07	1.0E-04	1.0E-04		
Chloromethane	4.2E-19					1.3E-06	3.1E-06	1.7E-07	1.7E-07		
cis-1,2-Dichloroethene	1.6E-19					1.7E-07	3.9E-07	2.1E-08	2.1E-08		
cis-1,3-Dichloropropene						1.0E-09	2.4E-09	1.3E-10	1.3E-10		
Dibromomethane	1.8E-20					8.7E-09	2.0E-08	1.1E-09	1.1E-09		
Dichlorodifluoromethane	2.0E-22					1.1E-08	2.5E-08	1.3E-09	1.3E-09		
Ethylbenzene	6.4E-17					9.2E-03	1.9E-05	1.0E-06	1.0E-06		
Isopropylbenzene	8.4E-20					6.8E-07	1.6E-06	8.4E-08	8.4E-08		
m&p-Xylene	1.0E-17					1.6E-06	3.6E-06	2.0E-07	2.0E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19					1.5E-08	3.5E-08	1.9E-09	1.9E-09		
Methylene chloride	1.1E-18					7.7E-07	1.8E-06	9.7E-08	9.7E-08		
n-Butylbenzene						3.3E-07	7.7E-07	4.2E-08	4.2E-08		
n-Propylbenzene						4.0E-07	9.3E-07	5.0E-08	5.0E-08		
o-Xylene	1.2E-17					9.8E-07	2.3E-06	1.2E-07	1.2E-07		
p-Chlorotoluene						2.4E-08	5.5E-08	3.0E-09	3.0E-09		
p-Isopropyltoluene						1.6E-07	3.8E-07	2.1E-08	2.1E-08		
sec-Butylbenzene						6.1E-08	1.4E-07	7.6E-09	7.6E-09		
Styrene	4.0E-16					2.2E-05	5.1E-05	2.7E-06	2.7E-06		

Table H-117 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						2.0E-06	4.5E-06	2.4E-07	2.4E-07		
Tetrachloroethene	2.8E-20					5.2E-09	1.2E-08	6.5E-10	6.5E-10		
Toluene	6.7E-17					1.4E-05	3.1E-05	1.7E-06	1.7E-06		
trans-1,2-Dichloroethene	2.5E-18					3.6E-06	8.4E-06	4.5E-07	4.5E-07		
trans-1,3-Dichloropropene						1.8E-09	4.2E-09	2.3E-10	2.3E-10		
Trichloroethene	2.9E-22					2.2E-04	7.2E-10	3.9E-11	3.9E-11		
Trichlorofluoromethane	4.5E-22					3.7E-09	8.6E-09	4.7E-10	4.7E-10		
Vinyl chloride	2.1E-20					2.1E-07	4.9E-07	2.7E-08	2.7E-08		

Table H-118 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					4.8E-03	2.7E-02	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19

Table H-118 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.2E-02	1.9E-02					5.7E-07	2.1E-06
Antimony	1.6E-17			7.7E-07	1.7E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	3.8E-11	1.8E-11
Arsenic	8.1E-16	2.7E-06	1.8E-07	6.4E-06	8.6E-07	5.9E-10	1.4E-09	7.4E-11	7.4E-11	5.2E-10	1.6E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				3.3E-05	6.4E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.6E-09	6.9E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				2.7E-02	4.3E-02					1.3E-06	4.7E-06
Lead	6.9E-18			1.1E-04	1.4E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.5E-09	1.6E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				2.7E-08	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	5.2E-08	3.2E-07
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19

Table H-118 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	1.3E-03	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.7E-08	1.4E-07
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Thallium (Soluble Salts)				8.1E-08						4.0E-12	
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	1.6E-07	2.8E-12	1.5E-07	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	2.3E-09	1.4E-08
Benzo(a)pyrene	3.1E-12	1.7E-07	1.3E-07	1.5E-07	2.4E-07	1.2E-09	2.7E-09	1.5E-10	1.5E-10	7.6E-12	2.6E-11
Benzo(b)fluoranthene	8.3E-13	3.0E-07	1.2E-07	2.7E-07	2.2E-07	1.3E-09	3.0E-09	1.6E-10	1.6E-10	1.3E-11	2.3E-11
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	1.2E-07	9.7E-14	1.1E-07	1.8E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	5.5E-12	1.9E-17

Table H-118 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.4E-07	3.8E-12	2.1E-07	6.9E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.0E-11	7.4E-16
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	4.7E-13	3.1E-13	8.6E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	1.5E-17	9.3E-17
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	9.4E-08	1.3E-12	8.6E-08	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	4.2E-12	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16

Table H-118 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				6.8E-06	2.8E-07					2.2E-07	1.3E-06
Dieldrin		2.7E-08		3.2E-08						1.6E-12	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18

Table H-118 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						5.9E-03					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.3E-05	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.2E-04	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		

Table H-118 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.6E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					3.7E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					2.1E-04	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		

Table H-118 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09				
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11				
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08				
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08				
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12				
Trichloroethene	6.8E-21					5.0E-06	1.7E-11	9.1E-13	9.1E-13				
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11				
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10				

Table H-119 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.6E-05	1.3E-03	4.5E-06	4.3E-04		
Aldehydes											
Acetaldehyde	3.9E-15					6.2E-05	2.2E-03	7.8E-06	7.4E-04		
Formaldehyde	1.9E-14					2.1E-01	8.7E-04	3.3E-06	2.9E-04		
Propionaldehyde				9.6E-17	3.1E-15	6.8E-06	2.5E-04	8.5E-07	8.2E-05	7.2E-13	5.1E-11
CO											
Carbon monoxide						1.9E-03	7.1E-02	2.4E-04	2.4E-02		
CO2											
Carbon dioxide						6.0E-05	2.1E-03	7.5E-06	7.2E-04		
Criteria											
Sulfur Dioxide						1.6E-05	5.2E-04	2.0E-06	1.7E-04		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	3.9E-20	3.2E-17	6.0E-16	1.3E-16	4.8E-15	3.6E-11	1.4E-09	4.5E-12	4.8E-10	6.2E-18	5.1E-16
1,2,3,4,6,7,8-HpCDF	3.8E-20	3.3E-17	6.0E-16	1.3E-16	4.8E-15	3.7E-11	1.5E-09	4.6E-12	4.9E-10	6.3E-18	5.1E-16
1,2,3,4,7,8,9-HpCDF	6.2E-21	3.7E-18	7.3E-17	1.5E-17	5.7E-16	4.7E-12	1.9E-10	5.8E-13	6.3E-11	7.2E-19	6.2E-17
1,2,3,4,7,8-HxCDD	4.7E-20	3.7E-18	7.1E-17	1.4E-17	5.6E-16	4.4E-12	1.8E-10	5.4E-13	5.9E-11	7.1E-19	6.0E-17
1,2,3,4,7,8-HxCDF	3.2E-19	2.9E-17	5.6E-16	1.1E-16	4.4E-15	3.5E-11	1.4E-09	4.4E-12	4.8E-10	5.6E-18	4.8E-16
1,2,3,6,7,8-HxCDD	9.2E-20	7.5E-18	1.4E-16	2.9E-17	1.1E-15	9.2E-12	3.7E-10	1.1E-12	1.2E-10	1.4E-18	1.2E-16
1,2,3,6,7,8-HxCDF	1.2E-19	9.5E-18	1.9E-16	3.7E-17	1.5E-15	1.1E-11	4.7E-10	1.4E-12	1.6E-10	1.8E-18	1.6E-16
1,2,3,7,8,9-HxCDD	1.3E-19	1.2E-17	2.3E-16	4.6E-17	1.8E-15	1.4E-11	5.6E-10	1.7E-12	1.9E-10	2.3E-18	1.9E-16
1,2,3,7,8,9-HxCDF	1.0E-20	6.8E-19	1.3E-17	2.7E-18	1.1E-16	8.8E-13	3.6E-11	1.1E-13	1.2E-11	1.3E-19	1.1E-17
1,2,3,7,8-PeCDD	2.9E-19	4.1E-18	8.1E-17	1.6E-17	6.4E-16	5.5E-12	2.3E-10	6.9E-13	7.5E-11	8.0E-19	6.9E-17
1,2,3,7,8-PeCDF	4.1E-19	4.9E-18	9.6E-17	1.9E-17	7.5E-16	7.9E-12	3.2E-10	9.9E-13	1.1E-10	9.4E-19	8.1E-17

Table H-119 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	1.7E-19	1.5E-17	2.8E-16	5.9E-17	2.2E-15	1.8E-11	7.1E-10	2.2E-12	2.4E-10	2.9E-18	2.4E-16
2,3,4,7,8-PeCDF	6.4E-19	1.2E-17	2.3E-16	4.6E-17	1.8E-15	1.8E-11	7.2E-10	2.2E-12	2.4E-10	2.2E-18	1.9E-16
2,3,7,8-TCDD	1.0E-19	8.5E-19	1.2E-17	3.4E-18	9.7E-17	2.2E-12	7.4E-11	2.8E-13	2.5E-11	1.1E-16	7.3E-15
2,3,7,8-TCDF	3.4E-19	1.5E-18	3.1E-17	6.1E-18	2.4E-16	8.2E-12	3.4E-10	1.0E-12	1.1E-10	3.0E-19	2.6E-17
OCDD	5.2E-22	2.2E-17	4.0E-16	8.6E-17	3.2E-15	2.4E-11	9.5E-10	3.0E-12	3.2E-10	4.2E-18	3.4E-16
OCDF	1.9E-22	8.4E-18	1.5E-16	3.3E-17	1.2E-15	9.1E-12	3.5E-10	1.1E-12	1.2E-10	1.6E-18	1.3E-16
HCN											
Hydrogen cyanide						6.8E-06	2.6E-04	8.5E-07	8.8E-05		
Metals											
Aluminum				5.0E-04						2.4E-05	
Antimony	6.7E-19			3.3E-08		4.5E-07	1.1E-05	5.6E-08	3.7E-06	1.6E-09	
Arsenic	3.5E-17	1.2E-07	2.1E-18	2.8E-07	9.8E-18	2.5E-08	9.0E-07	3.2E-09	3.0E-07	2.2E-08	1.8E-18
Barium	7.9E-14			7.6E-11	2.6E-09	5.4E-06	1.5E-04	6.7E-07	4.8E-05	3.7E-12	2.8E-10
Beryllium	1.4E-18			4.5E-17	1.7E-15	1.8E-09	6.2E-08	2.3E-10	2.1E-08	2.2E-18	1.8E-16
Cadmium	3.6E-16			3.5E-17	1.3E-15	3.2E-08	1.1E-06	4.1E-09	3.8E-07	1.7E-18	1.4E-16
Chromium	9.4E-17			2.3E-12	8.9E-11	2.8E-07	9.9E-06	3.5E-08	3.3E-06	1.1E-13	9.6E-12
Cobalt				1.4E-06	2.4E-10	4.2E-07	7.7E-06	5.3E-08	2.6E-06	6.8E-08	2.6E-11
Copper				8.3E-12	3.2E-10	7.6E-07	2.6E-05	9.5E-08	8.7E-06	4.1E-13	3.4E-11
Iron				1.2E-03						5.8E-05	
Lead	3.0E-19			4.8E-06	1.6E-13	2.6E-07	8.4E-06	3.2E-08	2.8E-06	2.3E-07	1.8E-14
Manganese				3.4E-14	1.3E-12	2.3E-07	8.1E-06	2.9E-08	2.7E-06	1.7E-15	1.4E-13
Mercury (+2)				7.3E-16	2.3E-14	1.0E-09	3.6E-08	1.3E-10	1.2E-08	3.6E-17	2.4E-15
Mercury, elemental				1.2E-09		4.2E-12	1.5E-10	5.3E-13	4.9E-11	2.2E-06	
Methyl Mercury	2.8E-16			4.4E-17	1.7E-15					2.1E-18	1.8E-16

Table H-119 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	1.4E-16			2.4E-05	6.6E-15	1.5E-07	5.1E-06	1.9E-08	1.7E-06	1.2E-06	7.2E-16
Phosphorus				3.2E-16	1.2E-14	1.1E-06	3.7E-05	1.4E-07	1.2E-05	3.1E-12	2.5E-10
Selenium	1.2E-17			1.7E-18	6.6E-17	7.5E-09	2.6E-07	9.3E-10	8.7E-08	8.5E-20	7.2E-18
Silver	8.2E-18			2.8E-14	1.0E-12	4.9E-09	1.6E-07	6.1E-10	5.3E-08	1.4E-15	1.1E-13
Thallium (Soluble Salts)				3.5E-09						1.7E-10	
Titanium				3.4E-16	1.4E-14	2.6E-09	9.8E-08	3.3E-10	3.3E-08	1.7E-17	1.5E-15
Zinc	1.8E-13			7.9E-15	2.8E-13	5.9E-06	1.7E-04	7.3E-07	5.6E-05	3.9E-16	3.0E-14
NOx											
NOx (Oxides of Nitrogen)						6.7E-05	2.2E-03	8.4E-06	7.5E-04		
PAHs											
1-Methylnaphthalene		1.0E-17	2.1E-16	9.3E-18	3.8E-16	1.4E-06	5.9E-05	1.8E-07	2.0E-05	1.1E-14	9.5E-13
1-Methylphenanthrene				6.2E-15	2.6E-13	1.7E-07	7.1E-06	2.1E-08	2.4E-06	3.0E-16	2.8E-14
2,3,5-Trimethylnaphthalene				2.9E-15	1.3E-13	8.4E-08	3.6E-06	1.0E-08	1.2E-06	1.4E-16	1.4E-14
2,6-Dimethylnaphthalene				7.9E-15	3.4E-13	2.2E-07	9.3E-06	2.8E-08	3.1E-06	3.9E-16	3.6E-14
2-Methylnaphthalene		9.9E-18	2.0E-16	9.0E-18	3.7E-16	1.4E-06	5.7E-05	1.7E-07	1.9E-05	1.0E-14	9.3E-13
Acenaphthylene				2.6E-14	1.1E-12	8.1E-07	3.4E-05	1.0E-07	1.1E-05	1.3E-15	1.2E-13
Acenaphthene	1.5E-16					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Anthracene	1.8E-15					2.6E-07	1.1E-05	3.2E-08	3.7E-06		
Benzo(a)anthracene	2.6E-13	7.1E-09	1.6E-12	6.4E-09	2.9E-12	1.3E-07	5.5E-06	1.6E-08	1.8E-06	9.7E-08	9.5E-11
Benzo(a)pyrene	1.3E-13	7.3E-09	6.8E-13	6.6E-09	1.2E-12	5.0E-08	2.1E-06	6.3E-09	7.0E-07	3.2E-10	1.3E-13
Benzo(b)fluoranthene	3.6E-14	1.3E-08	3.6E-14	1.2E-08	6.6E-14	5.6E-08	2.3E-06	7.0E-09	7.6E-07	5.8E-10	7.2E-15
Benzo(e)pyrene				1.5E-15	5.7E-14	4.3E-08	1.8E-06	5.4E-09	5.8E-07	7.2E-17	6.2E-15
Benzo(g,h,i)perylene				1.1E-15	4.4E-14	3.3E-08	1.4E-06	4.1E-09	4.5E-07	5.3E-17	4.7E-15
Benzo(k)fluoranthene	2.6E-16	5.2E-09	1.8E-14	4.8E-09	3.3E-14	5.0E-10	8.9E-09	6.2E-11	3.0E-09	2.3E-10	3.5E-15

Table H-119 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				1.4E-16	6.0E-15	4.8E-06	2.0E-04	6.0E-07	6.7E-05	8.4E-14	7.7E-12
Chrysene	4.5E-14	1.0E-08	1.8E-12	9.2E-09	3.3E-12	2.2E-07	9.1E-06	2.7E-08	3.0E-06	4.5E-10	3.5E-13
Dibenze(a,h)anthracene	6.4E-15	1.1E-14	2.3E-13	1.0E-14	4.1E-13	8.0E-09	3.3E-07	9.9E-10	1.1E-07	5.0E-16	4.4E-14
Fluoranthene	1.2E-14	2.6E-15	5.2E-14	2.3E-15	9.6E-14	3.2E-07	1.3E-05	4.0E-08	4.4E-06	1.1E-16	1.0E-14
Fluorene	2.6E-15					8.0E-07	3.4E-05	1.0E-07	1.1E-05		
Indeno(1,2,3-cd)pyrene	1.6E-14	4.0E-09	6.5E-13	3.7E-09	1.2E-12	2.6E-08	1.1E-06	3.3E-09	3.6E-07	1.8E-10	1.3E-13
Napthalene	1.2E-15					6.4E-06	2.7E-04	8.0E-07	8.8E-05		
Perylene				5.6E-16	2.6E-14	2.0E-08	8.7E-07	2.5E-09	2.9E-07	2.8E-17	2.8E-15
Phenanthrene	1.3E-14					1.5E-06	6.2E-05	1.9E-07	2.1E-05		
Pyrene	8.7E-15	7.1E-15	1.5E-13	6.5E-15	2.7E-13	3.1E-07	1.3E-05	3.9E-08	4.3E-06	1.8E-13	1.6E-11
Particulate											
Particulate Total Suspended Particulate				1.3E-10	5.2E-09	1.0E-03	3.9E-02	1.3E-04	1.3E-02	6.3E-12	5.6E-10
PM<10				1.6E-10	6.8E-09	1.3E-03	5.2E-02	1.7E-04	1.7E-02	8.0E-12	7.3E-10
PM<2.5				1.4E-10	5.7E-09	1.1E-03	4.5E-02	1.4E-04	1.5E-02	6.7E-12	6.2E-10
PCBs											
Dichlorobiphenyl	2.6E-16	1.5E-17	3.0E-16	1.3E-17	5.1E-16	4.0E-09	1.6E-07	5.0E-10	5.4E-08	1.2E-15	1.0E-13
Heptachlorobiphenyl	9.8E-18	1.7E-18	3.3E-17	1.5E-18	5.7E-17	5.4E-11	2.2E-09	6.8E-12	7.3E-10	7.4E-17	6.3E-15
Hexachlorobiphenyl	4.0E-17	7.8E-18	1.4E-16	6.6E-18	2.4E-16	2.3E-10	8.9E-09	2.9E-11	3.0E-09	3.4E-16	2.7E-14
Monochlorobiphenyl	1.8E-15	1.1E-16	2.1E-15	8.9E-17	3.5E-15	2.8E-08	1.1E-06	3.5E-09	3.8E-07	8.3E-15	7.3E-13
Nonachlorobiphenyl	1.2E-18	3.1E-19	4.8E-18	2.6E-19	8.0E-18	7.7E-12	2.7E-10	9.6E-13	9.1E-11	1.3E-17	9.0E-16
Octachlorobiphenyl	2.9E-18	5.6E-19	1.0E-17	4.7E-19	1.7E-17	1.7E-11	6.5E-10	2.1E-12	2.2E-10	2.4E-17	1.9E-15
Pentachlorobiphenyl	1.3E-16	2.8E-17	4.8E-16	2.4E-17	8.2E-16	7.8E-10	3.0E-08	9.8E-11	9.9E-09	1.2E-15	9.1E-14
Tetrachlorobiphenyl	7.7E-17	5.8E-18	9.8E-17	4.9E-18	1.7E-16	1.3E-09	4.8E-08	1.6E-10	1.6E-08	4.6E-16	3.4E-14
Trichlorobiphenyl	1.0E-16	7.0E-18	1.2E-16	5.9E-18	2.1E-16	1.6E-09	6.3E-08	2.0E-10	2.1E-08	5.5E-16	4.3E-14

Table H-119 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				2.9E-07						9.3E-06	
Dieldrin		1.1E-09		1.4E-09						6.7E-11	
SVOCs											
1,2,4-trichlorobenzene						1.2E-08	3.7E-07	1.4E-09	1.2E-07		
1,2-dichlorobenzene	1.2E-19					4.7E-09	8.3E-08	5.8E-10	2.8E-08		
1,3-dichlorobenzene	3.0E-19					7.0E-09	2.4E-07	8.7E-10	7.9E-08		
1,4-dichlorobenzene	4.0E-18					6.5E-08	2.9E-06	8.1E-09	9.7E-07		
2,4-Dimethylphenol	1.1E-16					1.0E-06	4.1E-05	1.3E-07	1.4E-05		
2-Chlorophenol	5.5E-18					2.0E-07	8.8E-06	2.5E-08	2.9E-06		
2-Methylphenol	2.3E-15					2.4E-06	1.0E-04	3.0E-07	3.3E-05		
2-Nitrophenol	1.4E-17					3.2E-07	1.3E-05	4.0E-08	4.5E-06		
3-Methylphenol & 4-Methylphenol				1.6E-13	6.5E-12	4.3E-06	1.8E-04	5.4E-07	6.0E-05	7.7E-15	7.1E-13
4-Nitrophenol	2.8E-17					5.4E-07	2.1E-05	6.7E-08	6.9E-06		
Acetophenone	1.7E-16					5.1E-06	2.1E-04	6.4E-07	7.0E-05		
Benzoic acid	6.8E-16					2.3E-05	9.6E-04	2.9E-06	3.2E-04		
Benzyl alcohol	4.2E-19					1.9E-07	5.8E-06	2.4E-08	1.9E-06		
bis(2-Ethylhexyl) phthalate	2.1E-14	2.9E-13	5.2E-12	3.4E-13	1.2E-11	8.1E-06	3.2E-04	1.0E-06	1.1E-04	1.7E-14	1.3E-12
Butyl benzyl phthalate	7.5E-15	1.4E-16	2.8E-15	1.6E-16	6.7E-15	2.6E-07	1.1E-05	3.2E-08	3.5E-06	8.1E-18	7.3E-16
Carbazole				6.0E-16	1.1E-14	7.2E-09	1.3E-07	9.0E-10	4.3E-08	2.9E-17	1.2E-15
Dibenzofuran		6.2E-18	1.2E-16	2.4E-17	9.7E-16	4.1E-07	1.7E-05	5.1E-08	5.6E-06	1.0E-14	9.1E-13
Dimethyl phthalate	2.8E-18					1.4E-08	2.5E-07	1.8E-09	8.5E-08		
Di-n-butyl phthalate	7.2E-14	1.4E-16	2.9E-15	1.6E-16	6.8E-15	3.9E-07	1.6E-05	4.9E-08	5.4E-06	8.1E-18	7.3E-16
Di-n-octyl phthalate	5.4E-19	4.0E-16	3.7E-15	4.7E-16	8.8E-15	2.8E-08	4.9E-07	3.4E-09	1.6E-07	2.3E-17	9.5E-16

Table H-119 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Aerosols Outdoors at CJ (ug/m3)	Inhalation of Particulate/Aerosols Outdoors at Home (ug/m3)
Hexachlorobutadiene	2.9E-16					1.9E-06	3.4E-05	2.4E-07	1.1E-05		
Isopropanol						2.5E-01					
Phenol	6.3E-15					1.3E-05	5.3E-04	1.6E-06	1.8E-04		
Pyridine	3.3E-16					1.2E-06	5.1E-05	1.5E-07	1.7E-05		
TRS											
Total Reduced Sulfur						1.2E-05	5.4E-04	1.6E-06	1.8E-04		
VOCs											
1,1,1,2-Tetrachloroethane	1.2E-19					5.8E-09	2.0E-07	7.2E-10	6.5E-08		
1,1,1-Trichloroethane	7.5E-21					5.7E-09	2.1E-07	7.1E-10	7.1E-08		
1,1-Dichloroethene	2.6E-22					1.1E-09	2.0E-08	1.4E-10	6.6E-09		
1,2,3-Trichlorobenzene	8.0E-18					2.3E-08	8.5E-07	2.9E-09	2.8E-07		
1,2,3-Trichloropropane	4.6E-20					4.6E-09	8.3E-08	5.8E-10	2.8E-08		
1,2,4-Trimethylbenzene						2.7E-07	8.5E-06	3.3E-08	2.8E-06		
1,2-Dibromoethane	1.6E-20					3.0E-09	5.3E-08	3.7E-10	1.8E-08		
1,2-Dichloroethane	5.0E-19					9.8E-04	4.5E-06	4.3E-05	1.5E-06		
1,3,5-Trimethylbenzene	2.6E-18					2.5E-07	7.5E-06	3.1E-08	2.5E-06		
1,3-Dichloropropane						2.9E-09	5.1E-08	3.6E-10	1.7E-08		
2-Butanone	1.0E-16					1.4E-06	5.6E-05	1.8E-07	1.9E-05		
2-Chlorotoluene						6.3E-08	2.6E-06	7.9E-09	8.7E-07		
2-Hexanone						2.9E-07	1.1E-05	3.6E-08	3.5E-06		
Benzene	8.5E-17					3.5E-02	1.5E-03	4.2E-04	4.9E-04		
Bromobenzene						1.6E-06	2.8E-05	2.0E-07	9.5E-06		
Bromochloromethane						3.8E-09	6.7E-08	4.7E-10	2.2E-08		
Bromodichloromethane	1.3E-20					4.1E-09	7.3E-08	5.1E-10	2.4E-08		

Table H-119 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromomethane	5.7E-20					1.6E-07	4.9E-06	2.0E-08	1.6E-06		
Carbon disulfide	5.4E-20					1.4E-07	4.2E-06	1.8E-08	1.4E-06		
Carbon tetrachloride	5.8E-21					6.7E-03	1.7E-07	6.6E-04	5.6E-08		
Chlorobenzene	2.0E-18					2.1E-07	7.4E-06	2.6E-08	2.5E-06		
Chlorodibromomethane	7.8E-19					1.0E-07	1.8E-06	1.3E-08	6.0E-07		
Chloroethane	1.6E-19					3.9E-07	1.4E-05	4.9E-08	4.5E-06		
Chloroform	1.2E-19					1.6E-03	1.6E-06	1.0E-04	5.5E-07		
Chloromethane	4.2E-19					1.3E-06	4.0E-05	1.7E-07	1.3E-05		
cis-1,2-Dichloroethene	1.6E-19					1.7E-07	3.0E-06	2.1E-08	1.0E-06		
cis-1,3-Dichloropropene						1.0E-09	1.9E-08	1.3E-10	6.2E-09		
Dibromomethane	1.8E-20					8.7E-09	1.6E-07	1.1E-09	5.2E-08		
Dichlorodifluoromethane	2.0E-22					1.1E-08	1.9E-07	1.3E-09	6.3E-08		
Ethylbenzene	6.4E-17					9.2E-03	3.2E-04	1.0E-06	1.1E-04		
Isopropylbenzene	8.4E-20					6.8E-07	2.3E-05	8.4E-08	7.7E-06		
m&p-Xylene	1.0E-17					1.6E-06	5.3E-05	2.0E-07	1.8E-05		
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19					1.5E-08	2.7E-07	1.9E-09	9.1E-08		
Methylene chloride	1.1E-18					7.7E-07	2.8E-05	9.7E-08	9.5E-06		
n-Butylbenzene						3.3E-07	9.9E-06	4.2E-08	3.3E-06		
n-Propylbenzene						4.0E-07	1.3E-05	5.0E-08	4.4E-06		
o-Xylene	1.2E-17					9.8E-07	3.3E-05	1.2E-07	1.1E-05		
p-Chlorotoluene						2.4E-08	7.2E-07	3.0E-09	2.4E-07		
p-Isopropyltoluene						1.6E-07	3.9E-06	2.1E-08	1.3E-06		
sec-Butylbenzene						6.1E-08	1.9E-06	7.6E-09	6.2E-07		
Styrene	4.0E-16					2.2E-05	8.0E-04	2.7E-06	2.7E-04		

Table H-119 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
tert-Butylbenzene						2.0E-06	3.5E-05	2.4E-07	1.2E-05		
Tetrachloroethene	2.8E-20					5.2E-09	1.8E-07	6.5E-10	6.0E-08		
Toluene	6.7E-17					1.4E-05	5.3E-04	1.7E-06	1.8E-04		
trans-1,2-Dichloroethene	2.5E-18					3.6E-06	6.5E-05	4.5E-07	2.2E-05		
trans-1,3-Dichloropropene						1.8E-09	3.2E-08	2.3E-10	1.1E-08		
Trichloroethene	2.9E-22					2.2E-04	5.6E-09	3.9E-11	1.9E-09		
Trichlorofluoromethane	4.5E-22					3.7E-09	6.7E-08	4.7E-10	2.2E-08		
Vinyl chloride	2.1E-20					2.1E-07	5.2E-06	2.7E-08	1.7E-06		

Table H-120 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	3.0E-05	1.0E-07	9.9E-06		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	5.2E-05	1.8E-07	1.7E-05		
Formaldehyde	4.5E-13					4.8E-03	2.0E-05	7.7E-08	6.8E-06		
Propionaldehyde				2.2E-15	7.2E-14	1.6E-07	5.8E-06	2.0E-08	1.9E-06	1.7E-14	1.2E-12
CO											
Carbon monoxide						4.5E-05	1.7E-03	5.6E-06	5.6E-04		
CO2											
Carbon dioxide						1.4E-06	5.0E-05	1.8E-07	1.7E-05		
Criteria											
Sulfur Dioxide						3.8E-07	1.2E-05	4.7E-08	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	2.6E-14	5.5E-15	2.1E-13	8.5E-13	3.4E-11	1.1E-13	1.1E-11	2.7E-19	2.2E-17
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.6E-14	5.5E-15	2.1E-13	8.6E-13	3.4E-11	1.1E-13	1.1E-11	2.7E-19	2.2E-17
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	3.1E-15	6.4E-16	2.5E-14	1.1E-13	4.4E-12	1.4E-14	1.5E-12	3.1E-20	2.7E-18
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	3.0E-15	6.2E-16	2.4E-14	1.0E-13	4.1E-12	1.3E-14	1.4E-12	3.1E-20	2.6E-18
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	2.4E-14	4.9E-15	1.9E-13	8.3E-13	3.3E-11	1.0E-13	1.1E-11	2.4E-19	2.1E-17
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	6.2E-15	1.3E-15	4.9E-14	2.1E-13	8.7E-12	2.7E-14	2.9E-12	6.2E-20	5.3E-18
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	8.0E-15	1.6E-15	6.3E-14	2.7E-13	1.1E-11	3.4E-14	3.6E-12	7.9E-20	6.8E-18
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	9.8E-15	2.0E-15	7.7E-14	3.2E-13	1.3E-11	4.1E-14	4.4E-12	9.8E-20	8.3E-18
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	5.8E-16	1.2E-16	4.5E-15	2.1E-14	8.4E-13	2.6E-15	2.8E-13	5.7E-21	4.9E-19
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	3.5E-15	7.0E-16	2.8E-14	1.3E-13	5.3E-12	1.6E-14	1.8E-12	3.5E-20	3.0E-18
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	4.1E-15	8.3E-16	3.3E-14	1.8E-13	7.5E-12	2.3E-14	2.5E-12	4.0E-20	3.5E-18

Table H-120 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	1.2E-14	2.5E-15	9.5E-14	4.2E-13	1.7E-11	5.2E-14	5.6E-12	1.2E-19	1.0E-17
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	9.9E-15	2.0E-15	7.8E-14	4.1E-13	1.7E-11	5.2E-14	5.6E-12	9.7E-20	8.4E-18
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.2E-16	1.4E-16	4.1E-15	5.2E-14	1.7E-12	6.5E-15	5.8E-13	4.9E-18	3.1E-16
2,3,7,8-TCDF	8.0E-18	6.6E-17	1.3E-15	2.6E-16	1.0E-14	1.9E-13	7.8E-12	2.4E-14	2.6E-12	1.3E-20	1.1E-18
OCDD	1.8E-20	9.4E-16	1.7E-14	3.7E-15	1.4E-13	5.6E-13	2.2E-11	7.0E-14	7.4E-12	1.8E-19	1.5E-17
OCDF	6.7E-21	3.6E-16	6.5E-15	1.4E-15	5.1E-14	2.1E-13	8.2E-12	2.6E-14	2.7E-12	7.0E-20	5.5E-18
HCN											
Hydrogen cyanide						1.6E-07	6.2E-06	2.0E-08	2.1E-06		
Metals											
Aluminum				1.2E-02						5.7E-07	
Antimony	1.6E-17			7.7E-07		1.0E-08	2.6E-07	1.3E-09	8.6E-08	3.8E-11	
Arsenic	8.1E-16	2.7E-06	4.8E-17	6.4E-06	2.3E-16	5.9E-10	2.1E-08	7.4E-11	7.0E-09	5.2E-10	4.1E-20
Barium	2.3E-12			3.1E-09	1.1E-07	1.3E-07	3.4E-06	1.6E-08	1.1E-06	1.5E-13	1.2E-11
Beryllium	3.3E-17			1.0E-15	3.9E-14	4.3E-11	1.5E-09	5.4E-12	4.8E-10	5.1E-20	4.3E-18
Cadmium	8.3E-15			8.2E-16	3.1E-14	7.6E-10	2.6E-08	9.5E-11	8.8E-09	4.0E-20	3.4E-18
Chromium	2.6E-15			8.3E-11	3.2E-09	6.5E-09	2.3E-07	8.1E-10	7.7E-08	4.1E-15	3.5E-13
Cobalt				3.3E-05	1.0E-08	9.8E-09	1.8E-07	1.2E-09	6.0E-08	1.6E-09	1.1E-12
Copper				3.4E-10	1.3E-08	1.8E-08	6.1E-07	2.2E-09	2.0E-07	1.6E-14	1.4E-12
Iron				2.7E-02						1.3E-06	
Lead	6.9E-18			1.1E-04	3.8E-12	6.0E-09	2.0E-07	7.5E-10	6.5E-08	5.5E-09	4.1E-16
Manganese				8.0E-13	3.1E-11	5.5E-09	1.9E-07	6.8E-10	6.3E-08	3.9E-17	3.3E-15
Mercury (+2)				3.4E-14	1.1E-12	2.4E-11	8.3E-10	2.9E-12	2.8E-10	1.7E-18	1.1E-16
Mercury, elemental				2.7E-08		9.8E-14	3.5E-12	1.2E-14	1.2E-12	5.2E-08	
Methyl Mercury	8.7E-15			2.0E-15	7.9E-14					1.0E-19	8.5E-18

Table H-120 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	1.6E-13	3.5E-09	1.2E-07	4.3E-10	4.0E-08	2.7E-08	1.7E-17
Phosphorus				7.5E-15	2.8E-13	2.6E-08	8.6E-07	3.3E-09	2.9E-07	7.2E-14	5.9E-12
Selenium	2.8E-16			4.0E-17	1.6E-15	1.7E-10	6.1E-09	2.2E-11	2.0E-09	2.0E-21	1.7E-19
Silver	2.1E-16			8.4E-13	3.1E-11	1.1E-10	3.7E-09	1.4E-11	1.2E-09	4.1E-17	3.4E-15
Thallium (Soluble Salts)				8.1E-08						4.0E-12	
Titanium				8.0E-15	3.2E-13	6.1E-11	2.3E-09	7.6E-12	7.6E-10	3.9E-19	3.5E-17
Zinc	4.1E-12			1.8E-13	6.5E-12	1.4E-07	3.9E-06	1.7E-08	1.3E-06	9.0E-18	7.0E-16
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	5.2E-05	2.0E-07	1.7E-05		
PAHs											
1-Methylnaphthalene		2.4E-16	4.9E-15	2.2E-16	8.9E-15	3.3E-08	1.4E-06	4.1E-09	4.6E-07	2.5E-16	2.2E-14
1-Methylphenanthrene				1.5E-13	6.0E-12	3.9E-09	1.7E-07	4.9E-10	5.5E-08	7.1E-18	6.5E-16
2,3,5-Trimethylnaphthalene				6.8E-14	3.0E-12	1.9E-09	8.4E-08	2.4E-10	2.8E-08	3.3E-18	3.2E-16
2,6-Dimethylnaphthalene				1.9E-13	7.9E-12	5.1E-09	2.2E-07	6.4E-10	7.3E-08	9.1E-18	8.5E-16
2-Methylnaphthalene		2.3E-16	4.7E-15	2.1E-16	8.6E-15	3.2E-08	1.3E-06	4.0E-09	4.4E-07	2.4E-16	2.2E-14
Acenaphthylene				6.0E-13	2.5E-11	1.9E-08	8.0E-07	2.4E-09	2.7E-07	2.9E-17	2.7E-15
Acenaphthene	3.4E-15					3.5E-09	1.4E-07	4.3E-10	4.8E-08		
Anthracene	4.3E-14					6.1E-09	2.6E-07	7.6E-10	8.6E-08		
Benzo(a)anthracene	6.2E-12	1.6E-07	4.4E-11	1.5E-07	8.0E-11	3.0E-09	1.3E-07	3.7E-10	4.3E-08	2.3E-09	2.7E-12
Benzo(a)pyrene	3.1E-12	1.7E-07	1.8E-11	1.5E-07	3.3E-11	1.2E-09	4.9E-08	1.5E-10	1.6E-08	7.6E-12	3.6E-15
Benzo(b)fluoranthene	8.3E-13	3.0E-07	1.0E-12	2.7E-07	1.8E-12	1.3E-09	5.3E-08	1.6E-10	1.8E-08	1.3E-11	2.0E-16
Benzo(e)pyrene				3.4E-14	1.3E-12	1.0E-09	4.1E-08	1.3E-10	1.4E-08	1.7E-18	1.4E-16
Benzo(g,h,i)perylene				2.5E-14	1.0E-12	7.7E-10	3.2E-08	9.6E-11	1.1E-08	1.2E-18	1.1E-16
Benzo(k)fluoranthene	7.4E-15	1.2E-07	6.4E-13	1.1E-07	1.2E-12	1.2E-11	2.1E-10	1.5E-12	6.9E-11	5.5E-12	1.3E-16

Table H-120 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	1.4E-13	1.1E-07	4.7E-06	1.4E-08	1.6E-06	2.0E-15	1.8E-13
Chrysene	1.1E-12	2.4E-07	5.5E-11	2.1E-07	9.9E-11	5.1E-09	2.1E-07	6.4E-10	7.1E-08	1.0E-11	1.1E-14
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	6.7E-12	3.1E-13	1.2E-11	1.9E-10	7.6E-09	2.3E-11	2.5E-09	1.5E-17	1.3E-15
Fluoranthene	2.8E-13	6.7E-14	1.4E-12	6.1E-14	2.5E-12	7.5E-09	3.1E-07	9.4E-10	1.0E-07	3.0E-18	2.7E-16
Fluorene	6.1E-14					1.9E-08	7.9E-07	2.3E-09	2.6E-07		
Indeno(1,2,3-cd)pyrene	4.0E-13	9.4E-08	1.8E-11	8.6E-08	3.3E-11	6.2E-10	2.5E-08	7.7E-11	8.5E-09	4.2E-12	3.6E-15
Napthalene	2.8E-14					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Perylene				1.3E-14	6.2E-13	4.6E-10	2.0E-08	5.8E-11	6.8E-09	6.5E-19	6.6E-17
Phenanthrene	2.9E-13					3.5E-08	1.5E-06	4.4E-09	4.8E-07		
Pyrene	2.0E-13	2.5E-13	5.1E-12	2.3E-13	9.3E-12	7.3E-09	3.0E-07	9.1E-10	1.0E-07	6.4E-15	5.8E-13
Particulate											
Particulate Total Suspended Particulate				3.0E-09	1.2E-07	2.3E-05	9.0E-04	2.9E-06	3.0E-04	1.5E-13	1.3E-11
PM<10				3.8E-09	1.6E-07	3.1E-05	1.2E-03	3.9E-06	4.0E-04	1.9E-13	1.7E-11
PM<2.5				3.2E-09	1.3E-07	2.6E-05	1.0E-03	3.3E-06	3.5E-04	1.6E-13	1.4E-11
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	1.3E-14	5.5E-16	2.2E-14	9.3E-11	3.8E-09	1.2E-11	1.3E-09	5.1E-17	4.5E-15
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.4E-15	6.3E-17	2.4E-15	1.3E-12	5.1E-11	1.6E-13	1.7E-11	3.2E-18	2.7E-16
Hexachlorobiphenyl	9.3E-16	3.4E-16	6.1E-15	2.9E-16	1.0E-14	5.3E-12	2.1E-10	6.7E-13	6.9E-11	1.5E-17	1.1E-15
Monochlorobiphenyl	4.3E-14	4.5E-15	9.0E-14	3.8E-15	1.5E-13	6.5E-10	2.7E-08	8.1E-11	8.9E-09	3.5E-16	3.1E-14
Nonachlorobiphenyl	2.9E-17	1.3E-17	2.1E-16	1.1E-17	3.5E-16	1.8E-13	6.4E-12	2.2E-14	2.1E-12	5.7E-19	3.9E-17
Octachlorobiphenyl	6.8E-17	2.4E-17	4.4E-16	2.0E-17	7.5E-16	3.9E-13	1.5E-11	4.9E-14	5.1E-12	1.0E-18	8.4E-17
Pentachlorobiphenyl	3.1E-15	1.2E-15	2.1E-14	1.0E-15	3.5E-14	1.8E-11	6.9E-10	2.3E-12	2.3E-10	5.2E-17	3.9E-15
Tetrachlorobiphenyl	1.8E-15	2.5E-16	4.2E-15	2.1E-16	7.1E-15	3.0E-11	1.1E-09	3.8E-12	3.8E-10	2.0E-17	1.5E-15
Trichlorobiphenyl	2.4E-15	3.0E-16	5.3E-15	2.5E-16	9.0E-15	3.8E-11	1.5E-09	4.8E-12	4.9E-10	2.3E-17	1.8E-15

Table H-120 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				6.8E-06						2.2E-07	
Dieldrin		2.7E-08		3.2E-08						1.6E-12	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	8.7E-09	3.4E-11	2.9E-09		
1,2-dichlorobenzene	2.8E-18					1.1E-10	1.9E-09	1.4E-11	6.5E-10		
1,3-dichlorobenzene	6.9E-18					1.6E-10	5.5E-09	2.0E-11	1.8E-09		
1,4-dichlorobenzene	9.2E-17					1.5E-09	6.8E-08	1.9E-10	2.3E-08		
2,4-Dimethylphenol	2.5E-15					2.4E-08	9.5E-07	3.0E-09	3.2E-07		
2-Chlorophenol	1.3E-16					4.7E-09	2.1E-07	5.9E-10	6.9E-08		
2-Methylphenol	5.3E-14					5.6E-08	2.3E-06	7.0E-09	7.8E-07		
2-Nitrophenol	3.2E-16					7.6E-09	3.1E-07	9.4E-10	1.0E-07		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.5E-10	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.8E-16	1.7E-14
4-Nitrophenol	6.5E-16					1.3E-08	4.8E-07	1.6E-09	1.6E-07		
Acetophenone	3.9E-15					1.2E-07	4.9E-06	1.5E-08	1.6E-06		
Benzoic acid	1.6E-14					5.4E-07	2.2E-05	6.7E-08	7.5E-06		
Benzyl alcohol	9.8E-18					4.5E-09	1.4E-07	5.6E-10	4.5E-08		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	1.2E-10	8.0E-12	2.9E-10	1.9E-07	7.4E-06	2.4E-08	2.5E-06	3.9E-16	3.1E-14
Butyl benzyl phthalate	1.8E-13	3.3E-15	6.6E-14	3.8E-15	1.6E-13	6.0E-09	2.5E-07	7.5E-10	8.3E-08	1.9E-19	1.7E-17
Carbazole				1.4E-14	2.6E-13	1.7E-10	3.0E-09	2.1E-11	1.0E-09	6.9E-19	2.8E-17
Dibenzofuran		1.4E-16	2.9E-15	5.7E-16	2.3E-14	9.5E-09	3.9E-07	1.2E-09	1.3E-07	2.4E-16	2.1E-14
Dimethyl phthalate	6.5E-17					3.3E-10	5.9E-09	4.2E-11	2.0E-09		
Di-n-butyl phthalate	1.7E-12	3.3E-15	6.7E-14	3.9E-15	1.6E-13	9.2E-09	3.8E-07	1.1E-09	1.3E-07	1.9E-19	1.7E-17
Di-n-octyl phthalate	1.3E-17	9.4E-15	8.7E-14	1.1E-14	2.1E-13	6.4E-10	1.1E-08	8.0E-11	3.8E-09	5.5E-19	2.2E-17

Table H-120 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	7.9E-07	5.5E-09	2.6E-07		
Isopropanol						5.9E-03					
Phenol	1.5E-13					3.0E-07	1.2E-05	3.8E-08	4.2E-06		
Pyridine	7.7E-15					2.9E-08	1.2E-06	3.6E-09	4.0E-07		
TRS											
Total Reduced Sulfur						2.9E-07	1.3E-05	3.6E-08	4.2E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	4.6E-09	1.7E-11	1.5E-09		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	5.0E-09	1.7E-11	1.7E-09		
1,1-Dichloroethene	6.0E-21					2.6E-11	4.6E-10	3.2E-12	1.5E-10		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	2.0E-08	6.7E-11	6.6E-09		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	1.9E-09	1.4E-11	6.4E-10		
1,2,4-Trimethylbenzene						6.2E-09	2.0E-07	7.8E-10	6.6E-08		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.2E-09	8.6E-12	4.1E-10		
1,2-Dichloroethane	1.2E-17					2.3E-05	1.0E-07	1.0E-06	3.5E-08		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.7E-07	7.3E-10	5.8E-08		
1,3-Dichloropropane						6.7E-11	1.2E-09	8.4E-12	4.0E-10		
2-Butanone	2.4E-15					3.3E-08	1.3E-06	4.1E-09	4.4E-07		
2-Chlorotoluene						1.5E-09	6.1E-08	1.8E-10	2.0E-08		
2-Hexanone						6.8E-09	2.5E-07	8.4E-10	8.2E-08		
Benzene	2.0E-15					8.2E-04	3.4E-05	9.7E-06	1.1E-05		
Bromobenzene						3.7E-08	6.6E-07	4.7E-09	2.2E-07		
Bromochloromethane						8.8E-11	1.6E-09	1.1E-11	5.2E-10		
Bromodichloromethane	3.1E-19					9.5E-11	1.7E-09	1.2E-11	5.7E-10		

Table H-120 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	1.1E-07	4.8E-10	3.8E-08		
Carbon disulfide	1.3E-18					3.3E-09	9.8E-08	4.2E-10	3.3E-08		
Carbon tetrachloride	1.3E-19					1.6E-04	3.9E-09	1.5E-05	1.3E-09		
Chlorobenzene	4.7E-17					4.8E-09	1.7E-07	6.0E-10	5.7E-08		
Chlorodibromomethane	1.8E-17					2.4E-09	4.2E-08	3.0E-10	1.4E-08		
Chloroethane	3.7E-18					9.1E-09	3.2E-07	1.1E-09	1.1E-07		
Chloroform	2.8E-18					3.7E-05	3.8E-08	2.4E-06	1.3E-08		
Chloromethane	9.8E-18					3.1E-08	9.4E-07	3.9E-09	3.1E-07		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	7.1E-08	5.0E-10	2.4E-08		
cis-1,3-Dichloropropene						2.4E-11	4.3E-10	3.0E-12	1.4E-10		
Dibromomethane	4.2E-19					2.0E-10	3.6E-09	2.5E-11	1.2E-09		
Dichlorodifluoromethane	4.7E-21					2.5E-10	4.4E-09	3.1E-11	1.5E-09		
Ethylbenzene	1.5E-15					2.1E-04	7.4E-06	2.4E-08	2.5E-06		
Isopropylbenzene	2.0E-18					1.6E-08	5.4E-07	2.0E-09	1.8E-07		
m&p-Xylene	2.4E-16					3.6E-08	1.2E-06	4.6E-09	4.1E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	6.4E-09	4.5E-11	2.1E-09		
Methylene chloride	2.6E-17					1.8E-08	6.6E-07	2.3E-09	2.2E-07		
n-Butylbenzene						7.8E-09	2.3E-07	9.7E-10	7.7E-08		
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07		
o-Xylene	2.8E-16					2.3E-08	7.6E-07	2.9E-09	2.5E-07		
p-Chlorotoluene						5.5E-10	1.7E-08	6.9E-11	5.6E-09		
p-Isopropyltoluene						3.8E-09	9.2E-08	4.8E-10	3.1E-08		
sec-Butylbenzene						1.4E-09	4.3E-08	1.8E-10	1.4E-08		
Styrene	9.4E-15					5.1E-07	1.9E-05	6.4E-08	6.2E-06		

Table H-120 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)
tert-Butylbenzene						4.6E-08	8.1E-07	5.7E-09	2.7E-07			
Tetrachloroethene	6.6E-19					1.2E-10	4.2E-09	1.5E-11	1.4E-09			
Toluene	1.6E-15					3.2E-07	1.2E-05	3.9E-08	4.1E-06			
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	1.5E-06	1.1E-08	5.0E-07			
trans-1,3-Dichloropropene						4.2E-11	7.5E-10	5.3E-12	2.5E-10			
Trichloroethene	6.8E-21					5.0E-06	1.3E-10	9.1E-13	4.3E-11			
Trichlorofluoromethane	1.0E-20					8.7E-11	1.6E-09	1.1E-11	5.2E-10			
Vinyl chloride	4.8E-19					5.0E-09	1.2E-07	6.2E-10	4.0E-08			

Table H-121 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			3.6E-05	4.5E-06	
Aldehydes					
Acetaldehyde			6.2E-05	7.8E-06	
Formaldehyde			1.4E-01	3.3E-06	
Propionaldehyde		9.6E-17	6.8E-06	8.5E-07	7.2E-13
CO					
Carbon monoxide			1.9E-03	2.4E-04	
CO2					
Carbon dioxide			6.0E-05	7.5E-06	
Criteria					
Sulfur Dioxide			1.6E-05	2.0E-06	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	3.2E-17	1.3E-16	3.6E-11	4.5E-12	6.2E-18
1,2,3,4,6,7,8-HpCDF	3.3E-17	1.3E-16	3.7E-11	4.6E-12	6.3E-18
1,2,3,4,7,8,9-HpCDF	3.7E-18	1.5E-17	4.7E-12	5.8E-13	7.2E-19
1,2,3,4,7,8-HxCDD	3.7E-18	1.4E-17	4.4E-12	5.4E-13	7.1E-19
1,2,3,4,7,8-HxCDF	2.9E-17	1.1E-16	3.5E-11	4.4E-12	5.6E-18
1,2,3,6,7,8-HxCDD	7.5E-18	2.9E-17	9.2E-12	1.1E-12	1.4E-18
1,2,3,6,7,8-HxCDF	9.5E-18	3.7E-17	1.1E-11	1.4E-12	1.8E-18
1,2,3,7,8,9-HxCDD	1.2E-17	4.6E-17	1.4E-11	1.7E-12	2.3E-18
1,2,3,7,8,9-HxCDF	6.8E-19	2.7E-18	8.8E-13	1.1E-13	1.3E-19

Table H-121 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	4.1E-18	1.6E-17	5.5E-12	6.9E-13	8.0E-19
1,2,3,7,8-PeCDF	4.9E-18	1.9E-17	7.9E-12	9.9E-13	9.4E-19
2,3,4,6,7,8-HxCDF	1.5E-17	5.9E-17	1.8E-11	2.2E-12	2.9E-18
2,3,4,7,8-PeCDF	1.2E-17	4.6E-17	1.8E-11	2.2E-12	2.2E-18
2,3,7,8-TCDD	8.5E-19	3.4E-18	2.2E-12	2.8E-13	1.1E-16
2,3,7,8-TCDF	1.5E-18	6.1E-18	8.2E-12	1.0E-12	3.0E-19
OCDD	2.2E-17	8.6E-17	2.4E-11	3.0E-12	4.2E-18
OCDF	8.4E-18	3.3E-17	9.1E-12	1.1E-12	1.6E-18
HCN					
Hydrogen cyanide			6.8E-06	8.5E-07	
Metals					
Aluminum		4.4E-04			2.1E-05
Antimony		1.6E-08	4.5E-07	5.6E-08	7.9E-10
Arsenic	1.5E-08	3.6E-08	2.5E-08	3.2E-09	3.0E-09
Barium		7.6E-11	5.4E-06	6.7E-07	3.7E-12
Beryllium		4.5E-17	1.8E-09	2.3E-10	2.2E-18
Cadmium		3.5E-17	3.2E-08	4.1E-09	1.7E-18
Chromium		2.3E-12	2.8E-07	3.5E-08	1.1E-13
Cobalt		1.1E-06	4.2E-07	5.3E-08	5.6E-08
Copper		8.3E-12	7.6E-07	9.5E-08	4.1E-13
Iron		9.7E-04			4.8E-05
Lead		4.6E-06	2.6E-07	3.2E-08	2.2E-07

Table H-121 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		3.4E-14	2.3E-07	2.9E-08	1.7E-15
Mercury (+2)		7.3E-16	1.0E-09	1.3E-10	3.6E-17
Mercury, elemental		7.3E-08	4.2E-12	5.3E-13	1.4E-04
Methyl Mercury		4.4E-17			2.1E-18
Nickel		2.4E-05	1.5E-07	1.9E-08	1.2E-06
Phosphorus		3.2E-16	1.1E-06	1.4E-07	3.1E-12
Selenium		1.7E-18	7.5E-09	9.3E-10	8.5E-20
Silver		2.8E-14	4.9E-09	6.1E-10	1.4E-15
Titanium		3.4E-16	2.6E-09	3.3E-10	1.7E-17
Zinc		7.9E-15	5.9E-06	7.3E-07	3.9E-16
NOx					
NOx (Oxides of Nitrogen)			6.7E-05	8.4E-06	
PAHs					
1-Methylnaphthalene	1.0E-17	9.3E-18	1.4E-06	1.8E-07	1.1E-14
1-Methylphenanthrene		6.2E-15	1.7E-07	2.1E-08	3.0E-16
2,3,5-Trimethylnaphthalene		2.9E-15	8.4E-08	1.0E-08	1.4E-16
2,6-Dimethylnaphthalene		7.9E-15	2.2E-07	2.8E-08	3.9E-16
2-Methylnaphthalene	9.9E-18	9.0E-18	1.4E-06	1.7E-07	1.0E-14
Acenaphthylene		2.6E-14	8.1E-07	1.0E-07	1.3E-15
Acenaphthene			1.5E-07	1.9E-08	
Anthracene			2.6E-07	3.2E-08	
Benzo(a)anthracene	9.5E-10	8.6E-10	1.3E-07	1.6E-08	1.3E-08

Table H-121 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)pyrene	1.1E-09	1.0E-09	5.0E-08	6.3E-09	4.9E-11
Benzo(b)fluoranthene	2.0E-09	1.8E-09	5.6E-08	7.0E-09	8.9E-11
Benzo(e)pyrene		1.5E-15	4.3E-08	5.4E-09	7.2E-17
Benzo(g,h,i)perylene		1.1E-15	3.3E-08	4.1E-09	5.3E-17
Benzo(k)fluoranthene	1.5E-09	1.4E-09	5.0E-10	6.2E-11	6.7E-11
Biphenyl		1.4E-16	4.8E-06	6.0E-07	8.4E-14
Chrysene	1.2E-09	1.1E-09	2.2E-07	2.7E-08	5.2E-11
Dibenze(a,h)anthracene	1.1E-14	1.0E-14	8.0E-09	9.9E-10	5.0E-16
Fluoranthene	2.6E-15	2.3E-15	3.2E-07	4.0E-08	1.1E-16
Fluorene			8.0E-07	1.0E-07	
Indeno(1,2,3-cd)pyrene	4.8E-10	4.4E-10	2.6E-08	3.3E-09	2.2E-11
Napthalene			6.4E-06	8.0E-07	
Perylene		5.6E-16	2.0E-08	2.5E-09	2.8E-17
Phenanthrene			1.5E-06	1.9E-07	
Pyrene	7.1E-15	6.5E-15	3.1E-07	3.9E-08	1.8E-13
Particulate					
Particulate Total Suspended Particulate		1.3E-10	1.0E-03	1.3E-04	6.3E-12
PM<10		1.6E-10	1.3E-03	1.7E-04	8.0E-12
PM<2.5		1.4E-10	1.1E-03	1.4E-04	6.7E-12
PCBs					
Dichlorobiphenyl	1.5E-17	1.3E-17	4.0E-09	5.0E-10	1.2E-15
Heptachlorobiphenyl	1.7E-18	1.5E-18	5.4E-11	6.8E-12	7.4E-17

Table H-121 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Hexachlorobiphenyl	7.8E-18	6.6E-18	2.3E-10	2.9E-11	3.4E-16
Monochlorobiphenyl	1.1E-16	8.9E-17	2.8E-08	3.5E-09	8.3E-15
Nonachlorobiphenyl	3.1E-19	2.6E-19	7.7E-12	9.6E-13	1.3E-17
Octachlorobiphenyl	5.6E-19	4.7E-19	1.7E-11	2.1E-12	2.4E-17
Pentachlorobiphenyl	2.8E-17	2.4E-17	7.8E-10	9.8E-11	1.2E-15
Tetrachlorobiphenyl	5.8E-18	4.9E-18	1.3E-09	1.6E-10	4.6E-16
Trichlorobiphenyl	7.0E-18	5.9E-18	1.6E-09	2.0E-10	5.5E-16
Pesticides					
Chlordecone (Kepone)	5.4E-08	6.4E-08			3.1E-09
DDE		8.8E-09			2.8E-07
SVOCs					
1,2,4-trichlorobenzene			1.2E-08	1.4E-09	
1,2-dichlorobenzene			4.7E-09	5.8E-10	
1,3-Butadiene			9.3E-04		
1,3-dichlorobenzene			7.0E-09	8.7E-10	
1,4-dichlorobenzene			6.5E-08	8.1E-09	
2,4-Dimethylphenol			1.0E-06	1.3E-07	
2-Chlorophenol			2.0E-07	2.5E-08	
2-Methylphenol			2.4E-06	3.0E-07	
2-Nitrophenol			3.2E-07	4.0E-08	
3-Methylphenol & 4-Methylphenol		1.6E-13	4.3E-06	5.4E-07	7.7E-15
4-Nitrophenol			5.4E-07	6.7E-08	

Table H-121 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			5.1E-06	6.4E-07	
Benzoic acid			2.3E-05	2.9E-06	
Benzyl alcohol			1.9E-07	2.4E-08	
bis(2-Ethylhexyl) phthalate	2.9E-13	3.4E-13	8.1E-06	1.0E-06	1.7E-14
Butyl benzyl phthalate	1.4E-16	1.6E-16	2.6E-07	3.2E-08	8.1E-18
Carbazole		6.0E-16	7.2E-09	9.0E-10	2.9E-17
Dibenzofuran	6.2E-18	2.4E-17	4.1E-07	5.1E-08	1.0E-14
Dimethyl phthalate			1.4E-08	1.8E-09	
Di-n-butyl phthalate	1.4E-16	1.6E-16	3.9E-07	4.9E-08	8.1E-18
Di-n-octyl phthalate	4.0E-16	4.7E-16	2.8E-08	3.4E-09	2.3E-17
Hexachlorobutadiene			1.9E-06	2.4E-07	
Isopropanol			1.5E-02		
Phenol			1.3E-05	1.6E-06	
Pyridine			1.2E-06	1.5E-07	
TRS					
Total Reduced Sulfur			1.2E-05	1.6E-06	
VOCs					
1,1,1,2-Tetrachloroethane			5.8E-09	7.2E-10	
1,1,1-Trichloroethane			5.7E-09	7.1E-10	
1,1-Dichloroethene			1.1E-09	1.4E-10	
1,2,3-Trichlorobenzene			2.3E-08	2.9E-09	
1,2,3-Trichloropropane			4.6E-09	5.8E-10	

Table H-121 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			2.7E-07	3.3E-08	
1,2-Dibromoethane			3.0E-09	3.7E-10	
1,2-Dichloroethane			1.2E-07	4.3E-05	
1,3,5-Trimethylbenzene			2.5E-07	3.1E-08	
1,3-Dichloropropane			2.9E-09	3.6E-10	
2-Butanone			1.4E-06	1.8E-07	
2-Chlorotoluene			6.3E-08	7.9E-09	
2-Hexanone			2.9E-07	3.6E-08	
Benzene			3.6E-03	4.2E-04	
Bromobenzene			1.6E-06	2.0E-07	
Bromochloromethane			3.8E-09	4.7E-10	
Bromodichloromethane			4.1E-09	5.1E-10	
Bromomethane			1.6E-07	2.0E-08	
Carbon disulfide			1.4E-07	1.8E-08	
Carbon tetrachloride			6.4E-03	6.6E-04	
Chlorobenzene			2.1E-07	2.6E-08	
Chlorodibromomethane			1.0E-07	1.3E-08	
Chloroethane			3.9E-07	4.9E-08	
Chloroform			9.3E-04	1.0E-04	
Chloromethane			1.3E-06	1.7E-07	
cis-1,2-Dichloroethene			1.7E-07	2.1E-08	
cis-1,3-Dichloropropene			1.0E-09	1.3E-10	

Table H-121 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			8.7E-09	1.1E-09	
Dichlorodifluoromethane			1.1E-08	1.3E-09	
Ethylbenzene			1.2E-03	1.0E-06	
Isopropylbenzene			6.8E-07	8.4E-08	
m&p-Xylene			1.6E-06	2.0E-07	
Methyl Isobutyl Ketone (4-methyl-2-penta			1.5E-08	1.9E-09	
Methylene chloride			7.7E-07	9.7E-08	
n-Butylbenzene			3.3E-07	4.2E-08	
n-Propylbenzene			4.0E-07	5.0E-08	
o-Xylene			9.8E-07	1.2E-07	
p-Chlorotoluene			2.4E-08	3.0E-09	
p-Isopropyltoluene			1.6E-07	2.1E-08	
sec-Butylbenzene			6.1E-08	7.6E-09	
Styrene			2.2E-05	2.7E-06	
tert-Butylbenzene			2.0E-06	2.4E-07	
Tetrachloroethene			5.2E-09	6.5E-10	
Toluene			1.4E-05	1.7E-06	
trans-1,2-Dichloroethene			3.6E-06	4.5E-07	
trans-1,3-Dichloropropene			1.8E-09	2.3E-10	
Trichloroethene			3.1E-10	3.9E-11	
Trichlorofluoromethane			3.7E-09	4.7E-10	
Vinyl chloride			2.1E-07	2.7E-08	

Table H-122 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			8.4E-07	1.0E-07	
Aldehydes					
Acetaldehyde			1.4E-06	1.8E-07	
Formaldehyde			3.2E-03	7.7E-08	
Propionaldehyde		2.2E-15	1.6E-07	2.0E-08	1.7E-14
CO					
Carbon monoxide			4.5E-05	5.6E-06	
CO2					
Carbon dioxide			1.4E-06	1.8E-07	
Criteria					
Sulfur Dioxide			3.8E-07	4.7E-08	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	1.4E-15	5.5E-15	8.5E-13	1.1E-13	2.7E-19
1,2,3,4,6,7,8-HpCDF	1.4E-15	5.5E-15	8.6E-13	1.1E-13	2.7E-19
1,2,3,4,7,8,9-HpCDF	1.6E-16	6.4E-16	1.1E-13	1.4E-14	3.1E-20
1,2,3,4,7,8-HxCDD	1.6E-16	6.2E-16	1.0E-13	1.3E-14	3.1E-20
1,2,3,4,7,8-HxCDF	1.3E-15	4.9E-15	8.3E-13	1.0E-13	2.4E-19
1,2,3,6,7,8-HxCDD	3.2E-16	1.3E-15	2.1E-13	2.7E-14	6.2E-20
1,2,3,6,7,8-HxCDF	4.1E-16	1.6E-15	2.7E-13	3.4E-14	7.9E-20
1,2,3,7,8,9-HxCDD	5.1E-16	2.0E-15	3.2E-13	4.1E-14	9.8E-20
1,2,3,7,8,9-HxCDF	2.9E-17	1.2E-16	2.1E-14	2.6E-15	5.7E-21

Table H-122 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	1.8E-16	7.0E-16	1.3E-13	1.6E-14	3.5E-20
1,2,3,7,8-PeCDF	2.1E-16	8.3E-16	1.8E-13	2.3E-14	4.0E-20
2,3,4,6,7,8-HxCDF	6.4E-16	2.5E-15	4.2E-13	5.2E-14	1.2E-19
2,3,4,7,8-PeCDF	5.0E-16	2.0E-15	4.1E-13	5.2E-14	9.7E-20
2,3,7,8-TCDD	3.6E-17	1.4E-16	5.2E-14	6.5E-15	4.9E-18
2,3,7,8-TCDF	6.6E-17	2.6E-16	1.9E-13	2.4E-14	1.3E-20
OCDD	9.4E-16	3.7E-15	5.6E-13	7.0E-14	1.8E-19
OCDF	3.6E-16	1.4E-15	2.1E-13	2.6E-14	7.0E-20
HCN					
Hydrogen cyanide			1.6E-07	2.0E-08	
Metals					
Aluminum		1.0E-02			5.0E-07
Antimony		3.8E-07	1.0E-08	1.3E-09	1.8E-11
Arsenic	3.6E-07	8.5E-07	5.9E-10	7.4E-11	6.9E-11
Barium		3.1E-09	1.3E-07	1.6E-08	1.5E-13
Beryllium		1.0E-15	4.3E-11	5.4E-12	5.1E-20
Cadmium		8.2E-16	7.6E-10	9.5E-11	4.0E-20
Chromium		8.3E-11	6.5E-09	8.1E-10	4.1E-15
Cobalt		2.6E-05	9.8E-09	1.2E-09	1.3E-09
Copper		3.4E-10	1.8E-08	2.2E-09	1.6E-14
Iron		2.3E-02			1.1E-06
Lead		1.1E-04	6.0E-09	7.5E-10	5.2E-09

Table H-122 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		8.0E-13	5.5E-09	6.8E-10	3.9E-17
Mercury (+2)		3.4E-14	2.4E-11	2.9E-12	1.7E-18
Mercury, elemental		1.7E-06	9.8E-14	1.2E-14	3.3E-06
Methyl Mercury		2.0E-15			1.0E-19
Nickel		5.6E-04	3.5E-09	4.3E-10	2.7E-08
Phosphorus		7.5E-15	2.6E-08	3.3E-09	7.2E-14
Selenium		4.0E-17	1.7E-10	2.2E-11	2.0E-21
Silver		8.4E-13	1.1E-10	1.4E-11	4.1E-17
Titanium		8.0E-15	6.1E-11	7.6E-12	3.9E-19
Zinc		1.8E-13	1.4E-07	1.7E-08	9.0E-18
NOx					
NOx (Oxides of Nitrogen)			1.6E-06	2.0E-07	
PAHs					
1-Methylnaphthalene	2.4E-16	2.2E-16	3.3E-08	4.1E-09	2.5E-16
1-Methylphenanthrene		1.5E-13	3.9E-09	4.9E-10	7.1E-18
2,3,5-Trimethylnaphthalene		6.8E-14	1.9E-09	2.4E-10	3.3E-18
2,6-Dimethylnaphthalene		1.9E-13	5.1E-09	6.4E-10	9.1E-18
2-Methylnaphthalene	2.3E-16	2.1E-16	3.2E-08	4.0E-09	2.4E-16
Acenaphthylene		6.0E-13	1.9E-08	2.4E-09	2.9E-17
Acenaphthene			3.5E-09	4.3E-10	
Anthracene			6.1E-09	7.6E-10	
Benzo(a)anthracene	2.2E-08	2.0E-08	3.0E-09	3.7E-10	3.0E-10

Table H-122 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)pyrene	2.6E-08	2.4E-08	1.2E-09	1.5E-10	1.2E-12
Benzo(b)fluoranthene	4.7E-08	4.2E-08	1.3E-09	1.6E-10	2.1E-12
Benzo(e)pyrene		3.4E-14	1.0E-09	1.3E-10	1.7E-18
Benzo(g,h,i)perylene		2.5E-14	7.7E-10	9.6E-11	1.2E-18
Benzo(k)fluoranthene	3.5E-08	3.2E-08	1.2E-11	1.5E-12	1.6E-12
Biphenyl		3.3E-15	1.1E-07	1.4E-08	2.0E-15
Chrysene	2.7E-08	2.5E-08	5.1E-09	6.4E-10	1.2E-12
Dibenze(a,h)anthracene	3.4E-13	3.1E-13	1.9E-10	2.3E-11	1.5E-17
Fluoranthene	6.7E-14	6.1E-14	7.5E-09	9.4E-10	3.0E-18
Fluorene			1.9E-08	2.3E-09	
Indeno(1,2,3-cd)pyrene	1.1E-08	1.0E-08	6.2E-10	7.7E-11	5.0E-13
Napthalene			1.5E-07	1.9E-08	
Perylene		1.3E-14	4.6E-10	5.8E-11	6.5E-19
Phenanthrene			3.5E-08	4.4E-09	
Pyrene	2.5E-13	2.3E-13	7.3E-09	9.1E-10	6.4E-15
Particulate					
Particulate Total Suspended Particulate		3.0E-09	2.3E-05	2.9E-06	1.5E-13
PM<10		3.8E-09	3.1E-05	3.9E-06	1.9E-13
PM<2.5		3.2E-09	2.6E-05	3.3E-06	1.6E-13
PCBs					
Dichlorobiphenyl	6.5E-16	5.5E-16	9.3E-11	1.2E-11	5.1E-17
Heptachlorobiphenyl	7.5E-17	6.3E-17	1.3E-12	1.6E-13	3.2E-18

Table H-122 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Hexachlorobiphenyl	3.4E-16	2.9E-16	5.3E-12	6.7E-13	1.5E-17
Monochlorobiphenyl	4.5E-15	3.8E-15	6.5E-10	8.1E-11	3.5E-16
Nonachlorobiphenyl	1.3E-17	1.1E-17	1.8E-13	2.2E-14	5.7E-19
Octachlorobiphenyl	2.4E-17	2.0E-17	3.9E-13	4.9E-14	1.0E-18
Pentachlorobiphenyl	1.2E-15	1.0E-15	1.8E-11	2.3E-12	5.2E-17
Tetrachlorobiphenyl	2.5E-16	2.1E-16	3.0E-11	3.8E-12	2.0E-17
Trichlorobiphenyl	3.0E-16	2.5E-16	3.8E-11	4.8E-12	2.3E-17
Pesticides					
Chlordecone (Kepone)	1.3E-06	1.5E-06			7.3E-11
DDE		2.1E-07			6.5E-09
SVOCs					
1,2,4-trichlorobenzene			2.7E-10	3.4E-11	
1,2-dichlorobenzene			1.1E-10	1.4E-11	
1,3-Butadiene			2.2E-05		
1,3-dichlorobenzene			1.6E-10	2.0E-11	
1,4-dichlorobenzene			1.5E-09	1.9E-10	
2,4-Dimethylphenol			2.4E-08	3.0E-09	
2-Chlorophenol			4.7E-09	5.9E-10	
2-Methylphenol			5.6E-08	7.0E-09	
2-Nitrophenol			7.6E-09	9.4E-10	
3-Methylphenol & 4-Methylphenol		3.7E-12	1.0E-07	1.3E-08	1.8E-16
4-Nitrophenol			1.3E-08	1.6E-09	

Table H-122 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			1.2E-07	1.5E-08	
Benzoic acid			5.4E-07	6.7E-08	
Benzyl alcohol			4.5E-09	5.6E-10	
bis(2-Ethylhexyl) phthalate	6.7E-12	8.0E-12	1.9E-07	2.4E-08	3.9E-16
Butyl benzyl phthalate	3.3E-15	3.8E-15	6.0E-09	7.5E-10	1.9E-19
Carbazole		1.4E-14	1.7E-10	2.1E-11	6.9E-19
Dibenzofuran	1.4E-16	5.7E-16	9.5E-09	1.2E-09	2.4E-16
Dimethyl phthalate			3.3E-10	4.2E-11	
Di-n-butyl phthalate	3.3E-15	3.9E-15	9.2E-09	1.1E-09	1.9E-19
Di-n-octyl phthalate	9.4E-15	1.1E-14	6.4E-10	8.0E-11	5.5E-19
Hexachlorobutadiene			4.4E-08	5.5E-09	
Isopropanol			3.4E-04		
Phenol			3.0E-07	3.8E-08	
Pyridine			2.9E-08	3.6E-09	
TRS					
Total Reduced Sulfur			2.9E-07	3.6E-08	
VOCs					
1,1,1,2-Tetrachloroethane			1.3E-10	1.7E-11	
1,1,1-Trichloroethane			1.3E-10	1.7E-11	
1,1-Dichloroethene			2.6E-11	3.2E-12	
1,2,3-Trichlorobenzene			5.3E-10	6.7E-11	
1,2,3-Trichloropropane			1.1E-10	1.4E-11	

Table H-122 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			6.2E-09	7.8E-10	
1,2-Dibromoethane			6.9E-11	8.6E-12	
1,2-Dichloroethane			2.8E-09	1.0E-06	
1,3,5-Trimethylbenzene			5.9E-09	7.3E-10	
1,3-Dichloropropane			6.7E-11	8.4E-12	
2-Butanone			3.3E-08	4.1E-09	
2-Chlorotoluene			1.5E-09	1.8E-10	
2-Hexanone			6.8E-09	8.4E-10	
Benzene			8.4E-05	9.7E-06	
Bromobenzene			3.7E-08	4.7E-09	
Bromochloromethane			8.8E-11	1.1E-11	
Bromodichloromethane			9.5E-11	1.2E-11	
Bromomethane			3.8E-09	4.8E-10	
Carbon disulfide			3.3E-09	4.2E-10	
Carbon tetrachloride			1.5E-04	1.5E-05	
Chlorobenzene			4.8E-09	6.0E-10	
Chlorodibromomethane			2.4E-09	3.0E-10	
Chloroethane			9.1E-09	1.1E-09	
Chloroform			2.2E-05	2.4E-06	
Chloromethane			3.1E-08	3.9E-09	
cis-1,2-Dichloroethene			4.0E-09	5.0E-10	
cis-1,3-Dichloropropene			2.4E-11	3.0E-12	

Table H-122 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			2.0E-10	2.5E-11	
Dichlorodifluoromethane			2.5E-10	3.1E-11	
Ethylbenzene			2.7E-05	2.4E-08	
Isopropylbenzene			1.6E-08	2.0E-09	
m&p-Xylene			3.6E-08	4.6E-09	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.6E-10	4.5E-11	
Methylene chloride			1.8E-08	2.3E-09	
n-Butylbenzene			7.8E-09	9.7E-10	
n-Propylbenzene			9.4E-09	1.2E-09	
o-Xylene			2.3E-08	2.9E-09	
p-Chlorotoluene			5.5E-10	6.9E-11	
p-Isopropyltoluene			3.8E-09	4.8E-10	
sec-Butylbenzene			1.4E-09	1.8E-10	
Styrene			5.1E-07	6.4E-08	
tert-Butylbenzene			4.6E-08	5.7E-09	
Tetrachloroethene			1.2E-10	1.5E-11	
Toluene			3.2E-07	3.9E-08	
trans-1,2-Dichloroethene			8.4E-08	1.1E-08	
trans-1,3-Dichloropropene			4.2E-11	5.3E-12	
Trichloroethene			7.3E-12	9.1E-13	
Trichlorofluoromethane			8.7E-11	1.1E-11	
Vinyl chloride			5.0E-09	6.2E-10	

Table H-123 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.6E-05	8.3E-05	4.5E-06	4.5E-06		
Aldehydes											
Acetaldehyde	3.9E-15					6.2E-05	1.4E-04	7.8E-06	7.8E-06		
Formaldehyde	1.9E-14					1.4E-01	6.1E-05	3.3E-06	3.3E-06		
Propionaldehyde				9.6E-17	2.7E-16	6.8E-06	1.6E-05	8.5E-07	8.5E-07	7.2E-13	4.4E-12
CO											
Carbon monoxide						1.9E-03	4.4E-03	2.4E-04	2.4E-04		
CO2											
Carbon dioxide						6.0E-05	1.4E-04	7.5E-06	7.5E-06		
Criteria											
Sulfur Dioxide						1.6E-05	3.7E-05	2.0E-06	2.0E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	3.9E-20	3.2E-17	4.5E-17	1.3E-16	3.6E-16	3.6E-11	8.4E-11	4.5E-12	4.5E-12	6.2E-18	3.8E-17
1,2,3,4,6,7,8-HpCDF	3.8E-20	3.3E-17	4.6E-17	1.3E-16	3.6E-16	3.7E-11	8.5E-11	4.6E-12	4.6E-12	6.3E-18	3.9E-17
1,2,3,4,7,8,9-HpCDF	6.2E-21	3.7E-18	5.2E-18	1.5E-17	4.1E-17	4.7E-12	1.1E-11	5.8E-13	5.8E-13	7.2E-19	4.4E-18
1,2,3,4,7,8-HxCDD	4.7E-20	3.7E-18	5.1E-18	1.4E-17	4.0E-17	4.4E-12	1.0E-11	5.4E-13	5.4E-13	7.1E-19	4.4E-18
1,2,3,4,7,8-HxCDF	3.2E-19	2.9E-17	4.1E-17	1.1E-16	3.2E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	5.6E-18	3.5E-17
1,2,3,6,7,8-HxCDD	9.2E-20	7.5E-18	1.0E-17	2.9E-17	8.2E-17	9.2E-12	2.1E-11	1.1E-12	1.1E-12	1.4E-18	8.9E-18
1,2,3,6,7,8-HxCDF	1.2E-19	9.5E-18	1.3E-17	3.7E-17	1.0E-16	1.1E-11	2.7E-11	1.4E-12	1.4E-12	1.8E-18	1.1E-17
1,2,3,7,8,9-HxCDD	1.3E-19	1.2E-17	1.6E-17	4.6E-17	1.3E-16	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.3E-18	1.4E-17
1,2,3,7,8,9-HxCDF	1.0E-20	6.8E-19	9.5E-19	2.7E-18	7.5E-18	8.8E-13	2.0E-12	1.1E-13	1.1E-13	1.3E-19	8.1E-19
1,2,3,7,8-PeCDD	2.9E-19	4.1E-18	5.8E-18	1.6E-17	4.6E-17	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.0E-19	4.9E-18
1,2,3,7,8-PeCDF	4.1E-19	4.9E-18	6.8E-18	1.9E-17	5.4E-17	7.9E-12	1.8E-11	9.9E-13	9.9E-13	9.4E-19	5.8E-18

Table H-123 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	1.7E-19	1.5E-17	2.1E-17	5.9E-17	1.6E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.9E-18	1.8E-17
2,3,4,7,8-PeCDF	6.4E-19	1.2E-17	1.6E-17	4.6E-17	1.3E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.2E-18	1.4E-17
2,3,7,8-TCDD	1.0E-19	8.5E-19	1.2E-18	3.4E-18	9.4E-18	2.2E-12	5.1E-12	2.8E-13	2.8E-13	1.1E-16	7.0E-16
2,3,7,8-TCDF	3.4E-19	1.5E-18	2.2E-18	6.1E-18	1.7E-17	8.2E-12	1.9E-11	1.0E-12	1.0E-12	3.0E-19	1.8E-18
OCDD	5.2E-22	2.2E-17	3.0E-17	8.6E-17	2.4E-16	2.4E-11	5.6E-11	3.0E-12	3.0E-12	4.2E-18	2.6E-17
OCDF	1.9E-22	8.4E-18	1.2E-17	3.3E-17	9.3E-17	9.1E-12	2.1E-11	1.1E-12	1.1E-12	1.6E-18	1.0E-17
HCN											
Hydrogen cyanide						6.8E-06	1.6E-05	8.5E-07	8.5E-07		
Metals											
Aluminum				4.4E-04	8.4E-04					2.1E-05	9.1E-05
Antimony	6.7E-19			1.6E-08	6.2E-08	4.5E-07	1.0E-06	5.6E-08	5.6E-08	7.9E-10	6.6E-09
Arsenic	3.5E-17	1.5E-08	9.8E-09	3.6E-08	4.7E-08	2.5E-08	5.9E-08	3.2E-09	3.2E-09	3.0E-09	8.4E-09
Barium	7.9E-14			7.6E-11	2.1E-10	5.4E-06	1.2E-05	6.7E-07	6.7E-07	3.7E-12	2.3E-11
Beryllium	1.4E-18			4.5E-17	1.3E-16	1.8E-09	4.3E-09	2.3E-10	2.3E-10	2.2E-18	1.4E-17
Cadmium	3.6E-16			3.5E-17	9.8E-17	3.2E-08	7.5E-08	4.1E-09	4.1E-09	1.7E-18	1.1E-17
Chromium	9.4E-17			2.3E-12	6.4E-12	2.8E-07	6.4E-07	3.5E-08	3.5E-08	1.1E-13	6.9E-13
Cobalt				1.1E-06	1.6E-06	4.2E-07	9.7E-07	5.3E-08	5.3E-08	5.6E-08	1.7E-07
Copper				8.3E-12	2.3E-11	7.6E-07	1.8E-06	9.5E-08	9.5E-08	4.1E-13	2.5E-12
Iron				9.7E-04	1.6E-03					4.8E-05	1.7E-04
Lead	3.0E-19			4.6E-06	9.8E-06	2.6E-07	5.9E-07	3.2E-08	3.2E-08	2.2E-07	1.1E-06
Manganese				3.4E-14	9.5E-14	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.7E-15	1.0E-14
Mercury (+2)				7.3E-16	2.1E-15	1.0E-09	2.3E-09	1.3E-10	1.3E-10	3.6E-17	2.2E-16
Mercury, elemental				7.3E-08	1.9E-09	4.2E-12	9.7E-12	5.3E-13	5.3E-13	1.4E-04	8.7E-04
Methyl Mercury	2.8E-16			4.4E-17	1.2E-16					2.1E-18	1.3E-17

Table H-123 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	1.4E-16			2.4E-05	3.0E-05	1.5E-07	3.4E-07	1.9E-08	1.9E-08	1.2E-06	3.3E-06
Phosphorus				3.2E-16	9.0E-16	1.1E-06	2.6E-06	1.4E-07	1.4E-07	3.1E-12	1.9E-11
Selenium	1.2E-17			1.7E-18	4.8E-18	7.5E-09	1.7E-08	9.3E-10	9.3E-10	8.5E-20	5.2E-19
Silver	8.2E-18			2.8E-14	7.8E-14	4.9E-09	1.1E-08	6.1E-10	6.1E-10	1.4E-15	8.4E-15
Thallium (Soluble Salts)					7.2E-09						7.8E-10
Titanium				3.4E-16	9.6E-16	2.6E-09	6.0E-09	3.3E-10	3.3E-10	1.7E-17	1.0E-16
Zinc	1.8E-13			7.9E-15	2.2E-14	5.9E-06	1.4E-05	7.3E-07	7.3E-07	3.9E-16	2.4E-15
NOx											
NOx (Oxides of Nitrogen)						6.7E-05	1.6E-04	8.4E-06	8.4E-06		
PAHs											
1-Methylnaphthalene		1.0E-17	1.4E-17	9.3E-18	2.6E-17	1.4E-06	3.3E-06	1.8E-07	1.8E-07	1.1E-14	6.5E-14
1-Methylphenanthrene				6.2E-15	1.7E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	3.0E-16	1.9E-15
2,3,5-Trimethylnaphthalene				2.9E-15	8.1E-15	8.4E-08	1.9E-07	1.0E-08	1.0E-08	1.4E-16	8.8E-16
2,6-Dimethylnaphthalene				7.9E-15	2.2E-14	2.2E-07	5.1E-07	2.8E-08	2.8E-08	3.9E-16	2.4E-15
2-Methylnaphthalene		9.9E-18	1.4E-17	9.0E-18	2.5E-17	1.4E-06	3.2E-06	1.7E-07	1.7E-07	1.0E-14	6.4E-14
Acenaphthylene				2.6E-14	7.1E-14	8.1E-07	1.9E-06	1.0E-07	1.0E-07	1.3E-15	7.7E-15
Acenaphthene	1.5E-16					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Anthracene	1.8E-15					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
Benzo(a)anthracene	2.6E-13	9.5E-10	2.2E-08	8.6E-10	4.0E-08	1.3E-07	3.0E-07	1.6E-08	1.6E-08	1.3E-08	8.0E-08
Benzo(a)pyrene	1.3E-13	1.1E-09	2.4E-08	1.0E-09	4.4E-08	5.0E-08	1.2E-07	6.3E-09	6.3E-09	4.9E-11	4.7E-09
Benzo(b)fluoranthene	3.6E-14	2.0E-09	3.4E-08	1.8E-09	6.1E-08	5.6E-08	1.3E-07	7.0E-09	7.0E-09	8.9E-11	6.6E-09
Benzo(e)pyrene				1.5E-15	4.1E-15	4.3E-08	9.9E-08	5.4E-09	5.4E-09	7.2E-17	4.4E-16
Benzo(g,h,i)perylene				1.1E-15	3.0E-15	3.3E-08	7.6E-08	4.1E-09	4.1E-09	5.3E-17	3.2E-16
Benzo(k)fluoranthene	2.6E-16	1.5E-09	1.7E-08	1.4E-09	3.1E-08	5.0E-10	1.2E-09	6.2E-11	6.2E-11	6.7E-11	3.3E-09

Table H-123 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				1.4E-16	4.0E-16	4.8E-06	1.1E-05	6.0E-07	6.0E-07	8.4E-14	5.2E-13
Chrysene	4.5E-14	1.2E-09	2.5E-08	1.1E-09	4.5E-08	2.2E-07	5.1E-07	2.7E-08	2.7E-08	5.2E-11	4.8E-09
Dibenze(a,h)anthracene	6.4E-15	1.1E-14	6.0E-09	1.0E-14	1.1E-08	8.0E-09	1.8E-08	9.9E-10	9.9E-10	5.0E-16	1.2E-09
Fluoranthene	1.2E-14	2.6E-15	3.6E-15	2.3E-15	6.6E-15	3.2E-07	7.4E-07	4.0E-08	4.0E-08	1.1E-16	7.1E-16
Fluorene	2.6E-15					8.0E-07	1.9E-06	1.0E-07	1.0E-07		
Indeno(1,2,3-cd)pyrene	1.6E-14	4.8E-10	1.6E-08	4.4E-10	2.8E-08	2.6E-08	6.1E-08	3.3E-09	3.3E-09	2.2E-11	3.1E-09
Napthalene	1.2E-15					6.4E-06	1.5E-05	8.0E-07	8.0E-07		
Perylene				5.6E-16	1.6E-15	2.0E-08	4.6E-08	2.5E-09	2.5E-09	2.8E-17	1.7E-16
Phenanthrene	1.3E-14					1.5E-06	3.5E-06	1.9E-07	1.9E-07		
Pyrene	8.7E-15	7.1E-15	9.9E-15	6.5E-15	1.8E-14	3.1E-07	7.2E-07	3.9E-08	3.9E-08	1.8E-13	1.1E-12
Particulate											
Particulate Total Suspended Particulate				1.3E-10	3.6E-10	1.0E-03	2.3E-03	1.3E-04	1.3E-04	6.3E-12	3.9E-11
PM<10				1.6E-10	4.6E-10	1.3E-03	3.1E-03	1.7E-04	1.7E-04	8.0E-12	4.9E-11
PM<2.5				1.4E-10	3.8E-10	1.1E-03	2.6E-03	1.4E-04	1.4E-04	6.7E-12	4.1E-11
PCBs											
Dichlorobiphenyl	2.6E-16	1.5E-17	2.1E-17	1.3E-17	3.6E-17	4.0E-09	9.2E-09	5.0E-10	5.0E-10	1.2E-15	7.4E-15
Heptachlorobiphenyl	9.8E-18	1.7E-18	2.4E-18	1.5E-18	4.1E-18	5.4E-11	1.3E-10	6.8E-12	6.8E-12	7.4E-17	4.6E-16
Hexachlorobiphenyl	4.0E-17	7.8E-18	1.1E-17	6.6E-18	1.9E-17	2.3E-10	5.3E-10	2.9E-11	2.9E-11	3.4E-16	2.1E-15
Monochlorobiphenyl	1.8E-15	1.1E-16	1.5E-16	8.9E-17	2.5E-16	2.8E-08	6.4E-08	3.5E-09	3.5E-09	8.3E-15	5.1E-14
Nonachlorobiphenyl	1.2E-18	3.1E-19	4.3E-19	2.6E-19	7.2E-19	7.7E-12	1.8E-11	9.6E-13	9.6E-13	1.3E-17	8.1E-17
Octachlorobiphenyl	2.9E-18	5.6E-19	7.9E-19	4.7E-19	1.3E-18	1.7E-11	3.8E-11	2.1E-12	2.1E-12	2.4E-17	1.5E-16
Pentachlorobiphenyl	1.3E-16	2.8E-17	3.9E-17	2.4E-17	6.7E-17	7.8E-10	1.8E-09	9.8E-11	9.8E-11	1.2E-15	7.5E-15
Tetrachlorobiphenyl	7.7E-17	5.8E-18	8.1E-18	4.9E-18	1.4E-17	1.3E-09	3.0E-09	1.6E-10	1.6E-10	4.6E-16	2.8E-15
Trichlorobiphenyl	1.0E-16	7.0E-18	9.7E-18	5.9E-18	1.6E-17	1.6E-09	3.8E-09	2.0E-10	2.0E-10	5.5E-16	3.4E-15

Table H-123 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
Chlordecone (Kepone)		5.4E-08		6.4E-08						3.1E-09	
DDE				8.8E-09	9.4E-09					2.8E-07	1.7E-06
Dieldrin			4.3E-10		1.0E-09						1.1E-10
SVOCs											
1,2,4-trichlorobenzene						1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,2-dichlorobenzene	1.2E-19					4.7E-09	1.1E-08	5.8E-10	5.8E-10		
1,3-Butadiene						9.3E-04					
1,3-dichlorobenzene	3.0E-19					7.0E-09	1.6E-08	8.7E-10	8.7E-10		
1,4-dichlorobenzene	4.0E-18					6.5E-08	1.5E-07	8.1E-09	8.1E-09		
2,4-Dimethylphenol	1.1E-16					1.0E-06	2.4E-06	1.3E-07	1.3E-07		
2-Chlorophenol	5.5E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
2-Methylphenol	2.3E-15					2.4E-06	5.5E-06	3.0E-07	3.0E-07		
2-Nitrophenol	1.4E-17					3.2E-07	7.5E-07	4.0E-08	4.0E-08		
3-Methylphenol & 4-Methylphenol				1.6E-13	4.4E-13	4.3E-06	9.9E-06	5.4E-07	5.4E-07	7.7E-15	4.8E-14
4-Nitrophenol	2.8E-17					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Acetophenone	1.7E-16					5.1E-06	1.2E-05	6.4E-07	6.4E-07		
Benzoic acid	6.8E-16					2.3E-05	5.3E-05	2.9E-06	2.9E-06		
Benzyl alcohol	4.2E-19					1.9E-07	4.5E-07	2.4E-08	2.4E-08		
bis(2-Ethylhexyl) phthalate	2.1E-14	2.9E-13	4.0E-13	3.4E-13	9.5E-13	8.1E-06	1.9E-05	1.0E-06	1.0E-06	1.7E-14	1.0E-13
Butyl benzyl phthalate	7.5E-15	1.4E-16	1.9E-16	1.6E-16	4.6E-16	2.6E-07	5.9E-07	3.2E-08	3.2E-08	8.1E-18	5.0E-17
Carbazole				6.0E-16	1.7E-15	7.2E-09	1.7E-08	9.0E-10	9.0E-10	2.9E-17	1.8E-16
Dibenzofuran		6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.1E-07	9.4E-07	5.1E-08	5.1E-08	1.0E-14	6.4E-14
Dimethyl phthalate	2.8E-18					1.4E-08	3.3E-08	1.8E-09	1.8E-09		

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Exposure Scenario	Camp Justice
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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-butyl phthalate	7.2E-14	1.4E-16	1.9E-16	1.6E-16	4.6E-16	3.9E-07	9.1E-07	4.9E-08	4.9E-08	8.1E-18	5.0E-17
Di-n-octyl phthalate	5.4E-19	4.0E-16	5.6E-16	4.7E-16	1.3E-15	2.8E-08	6.4E-08	3.4E-09	3.4E-09	2.3E-17	1.4E-16
Hexachlorobutadiene	2.9E-16					1.9E-06	4.4E-06	2.4E-07	2.4E-07		
Isopropanol						1.5E-02	9.7E-02				
p-Chloroaniline			1.4E-08		3.3E-08						3.6E-09
Phenol	6.3E-15					1.3E-05	3.0E-05	1.6E-06	1.6E-06		
Pyridine	3.3E-16					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
TRS											
Total Reduced Sulfur						1.2E-05	2.9E-05	1.6E-06	1.6E-06		
VOCs											
1,1,1,2-Tetrachloroethane	1.2E-19					5.8E-09	1.3E-08	7.2E-10	7.2E-10		
1,1,1-Trichloroethane	7.5E-21					5.7E-09	1.3E-08	7.1E-10	7.1E-10		
1,1-Dichloroethene	2.6E-22					1.1E-09	2.6E-09	1.4E-10	1.4E-10		
1,2,3-Trichlorobenzene	8.0E-18					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2,3-Trichloropropane	4.6E-20					4.6E-09	1.1E-08	5.8E-10	5.8E-10		
1,2,4-Trimethylbenzene						2.7E-07	6.2E-07	3.3E-08	3.3E-08		
1,2-Dibromoethane	1.6E-20					3.0E-09	6.8E-09	3.7E-10	3.7E-10		
1,2-Dichloroethane	5.0E-19					1.2E-07	1.9E-03	4.3E-05	4.3E-05		
1,3,5-Trimethylbenzene	2.6E-18					2.5E-07	5.8E-07	3.1E-08	3.1E-08		
1,3-Dichloropropane						2.9E-09	6.6E-09	3.6E-10	3.6E-10		
2-Butanone	1.0E-16					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
2-Chlorotoluene						6.3E-08	1.5E-07	7.9E-09	7.9E-09		
2-Hexanone						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
Benzene	8.5E-17					3.6E-03	1.2E-02	4.2E-04	4.2E-04		

Table H-123 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Bromobenzene						1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Bromochloromethane						3.8E-09	8.7E-09	4.7E-10	4.7E-10		
Bromodichloromethane	1.3E-20					4.1E-09	1.4E-02	5.1E-10	5.1E-10		
Bromoform							6.6E-02				
Bromomethane	5.7E-20					1.6E-07	3.8E-07	2.0E-08	2.0E-08		
Carbon disulfide	5.4E-20					1.4E-07	3.3E-07	1.8E-08	1.8E-08		
Carbon tetrachloride	5.8E-21					6.4E-03	1.7E-02	6.6E-04	6.6E-04		
Chlorobenzene	2.0E-18					2.1E-07	4.8E-07	2.6E-08	2.6E-08		
Chlorodibromomethane	7.8E-19					1.0E-07	2.3E-07	1.3E-08	1.3E-08		
Chloroethane	1.6E-19					3.9E-07	9.1E-07	4.9E-08	4.9E-08		
Chloroform	1.2E-19					9.3E-04	3.4E-02	1.0E-04	1.0E-04		
Chloromethane	4.2E-19					1.3E-06	3.1E-06	1.7E-07	1.7E-07		
cis-1,2-Dichloroethene	1.6E-19					1.7E-07	3.9E-07	2.1E-08	2.1E-08		
cis-1,3-Dichloropropene						1.0E-09	2.4E-09	1.3E-10	1.3E-10		
Dibromomethane	1.8E-20					8.7E-09	2.0E-08	1.1E-09	1.1E-09		
Dichlorodifluoromethane	2.0E-22					1.1E-08	2.5E-08	1.3E-09	1.3E-09		
Ethylbenzene	6.4E-17					1.2E-03	9.5E-03	1.0E-06	1.0E-06		
Isopropylbenzene	8.4E-20					6.8E-07	1.6E-06	8.4E-08	8.4E-08		
m&p-Xylene	1.0E-17					1.6E-06	3.6E-06	2.0E-07	2.0E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19					1.5E-08	3.5E-08	1.9E-09	1.9E-09		
Methylene chloride	1.1E-18					7.7E-07	1.8E-06	9.7E-08	9.7E-08		
n-Butylbenzene						3.3E-07	7.7E-07	4.2E-08	4.2E-08		
n-Propylbenzene						4.0E-07	9.3E-07	5.0E-08	5.0E-08		
o-Xylene	1.2E-17					9.8E-07	2.3E-06	1.2E-07	1.2E-07		

Table H-123 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
p-Chlorotoluene						2.4E-08	5.5E-08	3.0E-09	3.0E-09		
p-Isopropyltoluene						1.6E-07	3.8E-07	2.1E-08	2.1E-08		
sec-Butylbenzene						6.1E-08	1.4E-07	7.6E-09	7.6E-09		
Styrene	4.0E-16					2.2E-05	5.1E-05	2.7E-06	2.7E-06		
tert-Butylbenzene						2.0E-06	4.5E-06	2.4E-07	2.4E-07		
Tetrachloroethene	2.8E-20					5.2E-09	1.2E-08	6.5E-10	6.5E-10		
Toluene	6.7E-17					1.4E-05	3.1E-05	1.7E-06	1.7E-06		
trans-1,2-Dichloroethene	2.5E-18					3.6E-06	8.4E-06	4.5E-07	4.5E-07		
trans-1,3-Dichloropropene						1.8E-09	4.2E-09	2.3E-10	2.3E-10		
Trichloroethene	2.9E-22					3.1E-10	1.9E-02	3.9E-11	3.9E-11		
Trichlorofluoromethane	4.5E-22					3.7E-09	8.6E-09	4.7E-10	4.7E-10		
Vinyl chloride	2.1E-20					2.1E-07	4.9E-07	2.7E-08	2.7E-08		

Table H-124 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					3.2E-03	1.4E-06	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18	
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18	
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19	
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19	
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18	
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19	
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19	
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19	
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20	
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19	
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19	

Table H-124 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.0E-02	2.0E-02					5.0E-07	2.1E-06
Antimony	1.6E-17			3.8E-07	1.4E-06	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.8E-11	1.5E-10
Arsenic	8.1E-16	3.6E-07	2.3E-07	8.5E-07	1.1E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	6.9E-11	2.0E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				2.6E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.3E-09	4.0E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				2.3E-02	3.7E-02					1.1E-06	4.0E-06
Lead	6.9E-18			1.1E-04	2.3E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.2E-09	2.5E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				1.7E-06	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	3.3E-06	2.0E-05
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19

Table H-124 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	7.1E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.7E-08	7.7E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Thallium (Soluble Salts)					1.7E-07						1.8E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	2.2E-08	5.1E-07	2.0E-08	9.3E-07	3.0E-09	6.9E-09	3.7E-10	3.7E-10	3.0E-10	1.9E-09
Benzo(a)pyrene	3.1E-12	2.6E-08	5.6E-07	2.4E-08	1.0E-06	1.2E-09	2.7E-09	1.5E-10	1.5E-10	1.2E-12	1.1E-10
Benzo(b)fluoranthene	8.3E-13	4.7E-08	7.9E-07	4.2E-08	1.4E-06	1.3E-09	3.0E-09	1.6E-10	1.6E-10	2.1E-12	1.5E-10
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	3.5E-08	4.0E-07	3.2E-08	7.2E-07	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.6E-12	7.8E-11

Table H-124 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.7E-08	5.7E-07	2.5E-08	1.0E-06	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.2E-12	1.1E-10
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	1.4E-07	3.1E-13	2.5E-07	1.9E-10	4.3E-10	2.3E-11	2.3E-11	1.5E-17	2.7E-11
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.1E-08	3.6E-07	1.0E-08	6.6E-07	6.2E-10	1.4E-09	7.7E-11	7.7E-11	5.0E-13	7.1E-11
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16

Table H-124 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
Chlordecone (Kepone)		1.3E-06		1.5E-06						7.3E-11	
DDE				2.1E-07	2.2E-07					6.5E-09	4.0E-08
Dieldrin			1.0E-08		2.4E-08						2.5E-12
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						2.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		

Table H-124 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						3.4E-04	2.3E-03				
p-Chloroaniline			3.3E-07		7.7E-07						8.4E-11
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	4.4E-05	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.4E-05	2.7E-04	9.7E-06	9.7E-06		

Table H-124 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09				
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11				
Bromodichloromethane	3.1E-19					9.5E-11	3.4E-04	1.2E-11	1.2E-11				
Bromoform							1.5E-03						
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10				
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10				
Carbon tetrachloride	1.3E-19					1.5E-04	3.9E-04	1.5E-05	1.5E-05				
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10				
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10				
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09				
Chloroform	2.8E-18					2.2E-05	7.9E-04	2.4E-06	2.4E-06				
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09				
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10				
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12				
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11				
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11				
Ethylbenzene	1.5E-15					2.7E-05	2.2E-04	2.4E-08	2.4E-08				
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09				
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09				
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11				
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09				
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10				
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09				
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09				

Table H-124 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					7.3E-12	4.5E-04	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10		

Table H-125 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.6E-05	8.3E-05	4.5E-06	4.5E-06		
Aldehydes											
Acetaldehyde	3.9E-15					6.2E-05	1.4E-04	7.8E-06	7.8E-06		
Formaldehyde	1.9E-14					1.4E-01	1.7E+00	3.3E-06	3.3E-06		
Propionaldehyde				9.6E-17	2.7E-16	6.8E-06	1.6E-05	8.5E-07	8.5E-07	7.2E-13	4.4E-12
CO											
Carbon monoxide						1.9E-03	4.4E-03	2.4E-04	2.4E-04		
CO2											
Carbon dioxide						6.0E-05	1.4E-04	7.5E-06	7.5E-06		
Criteria											
Sulfur Dioxide						1.6E-05	3.7E-05	2.0E-06	2.0E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	3.9E-20	3.2E-17	4.5E-17	1.3E-16	3.6E-16	3.6E-11	8.4E-11	4.5E-12	4.5E-12	6.2E-18	3.8E-17
1,2,3,4,6,7,8-HpCDF	3.8E-20	3.3E-17	4.6E-17	1.3E-16	3.6E-16	3.7E-11	8.5E-11	4.6E-12	4.6E-12	6.3E-18	3.9E-17
1,2,3,4,7,8,9-HpCDF	6.2E-21	3.7E-18	5.2E-18	1.5E-17	4.1E-17	4.7E-12	1.1E-11	5.8E-13	5.8E-13	7.2E-19	4.4E-18
1,2,3,4,7,8-HxCDD	4.7E-20	3.7E-18	5.1E-18	1.4E-17	4.0E-17	4.4E-12	1.0E-11	5.4E-13	5.4E-13	7.1E-19	4.4E-18
1,2,3,4,7,8-HxCDF	3.2E-19	2.9E-17	4.1E-17	1.1E-16	3.2E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	5.6E-18	3.5E-17
1,2,3,6,7,8-HxCDD	9.2E-20	7.5E-18	1.0E-17	2.9E-17	8.2E-17	9.2E-12	2.1E-11	1.1E-12	1.1E-12	1.4E-18	8.9E-18
1,2,3,6,7,8-HxCDF	1.2E-19	9.5E-18	1.3E-17	3.7E-17	1.0E-16	1.1E-11	2.7E-11	1.4E-12	1.4E-12	1.8E-18	1.1E-17
1,2,3,7,8,9-HxCDD	1.3E-19	1.2E-17	1.6E-17	4.6E-17	1.3E-16	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.3E-18	1.4E-17
1,2,3,7,8,9-HxCDF	1.0E-20	6.8E-19	9.5E-19	2.7E-18	7.5E-18	8.8E-13	2.0E-12	1.1E-13	1.1E-13	1.3E-19	8.1E-19
1,2,3,7,8-PeCDD	2.9E-19	4.1E-18	5.8E-18	1.6E-17	4.6E-17	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.0E-19	4.9E-18
1,2,3,7,8-PeCDF	4.1E-19	4.9E-18	6.8E-18	1.9E-17	5.4E-17	7.9E-12	1.8E-11	9.9E-13	9.9E-13	9.4E-19	5.8E-18

Table H-125 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	1.7E-19	1.5E-17	2.1E-17	5.9E-17	1.6E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.9E-18	1.8E-17
2,3,4,7,8-PeCDF	6.4E-19	1.2E-17	1.6E-17	4.6E-17	1.3E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.2E-18	1.4E-17
2,3,7,8-TCDD	1.0E-19	8.5E-19	1.2E-18	3.4E-18	9.4E-18	2.2E-12	5.1E-12	2.8E-13	2.8E-13	1.1E-16	7.0E-16
2,3,7,8-TCDF	3.4E-19	1.5E-18	2.2E-18	6.1E-18	1.7E-17	8.2E-12	1.9E-11	1.0E-12	1.0E-12	3.0E-19	1.8E-18
OCDD	5.2E-22	2.2E-17	3.0E-17	8.6E-17	2.4E-16	2.4E-11	5.6E-11	3.0E-12	3.0E-12	4.2E-18	2.6E-17
OCDF	1.9E-22	8.4E-18	1.2E-17	3.3E-17	9.3E-17	9.1E-12	2.1E-11	1.1E-12	1.1E-12	1.6E-18	1.0E-17
HCN											
Hydrogen cyanide						6.8E-06	1.6E-05	8.5E-07	8.5E-07		
Metals											
Aluminum				4.4E-04	1.0E-03					2.1E-05	1.1E-04
Antimony	6.7E-19			1.6E-08	2.1E-08	4.5E-07	1.0E-06	5.6E-08	5.6E-08	7.9E-10	2.2E-09
Arsenic	3.5E-17	1.5E-08	2.0E-08	3.6E-08	9.2E-08	2.5E-08	5.9E-08	3.2E-09	3.2E-09	3.0E-09	1.7E-08
Barium	7.9E-14			7.6E-11	2.1E-10	5.4E-06	1.2E-05	6.7E-07	6.7E-07	3.7E-12	2.3E-11
Beryllium	1.4E-18			4.5E-17	1.3E-16	1.8E-09	4.3E-09	2.3E-10	2.3E-10	2.2E-18	1.4E-17
Cadmium	3.6E-16			3.5E-17	9.8E-17	3.2E-08	7.5E-08	4.1E-09	4.1E-09	1.7E-18	1.1E-17
Chromium	9.4E-17			2.3E-12	6.4E-12	2.8E-07	6.4E-07	3.5E-08	3.5E-08	1.1E-13	6.9E-13
Cobalt				1.1E-06	1.6E-06	4.2E-07	9.7E-07	5.3E-08	5.3E-08	5.6E-08	1.7E-07
Copper				8.3E-12	2.3E-11	7.6E-07	1.8E-06	9.5E-08	9.5E-08	4.1E-13	2.5E-12
Iron				9.7E-04	1.7E-03					4.8E-05	1.8E-04
Lead	3.0E-19			4.6E-06	2.3E-06	2.6E-07	5.9E-07	3.2E-08	3.2E-08	2.2E-07	2.4E-07
Manganese				3.4E-14	9.5E-14	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.7E-15	1.0E-14
Mercury (+2)				7.3E-16	2.1E-15	1.0E-09	2.3E-09	1.3E-10	1.3E-10	3.6E-17	2.2E-16
Mercury, elemental				7.3E-08	1.2E-09	4.2E-12	9.7E-12	5.3E-13	5.3E-13	1.4E-04	8.7E-04
Methyl Mercury	2.8E-16			4.4E-17	1.2E-16					2.1E-18	1.3E-17

Table H-125 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	1.4E-16			2.4E-05	3.4E-05	1.5E-07	3.4E-07	1.9E-08	1.9E-08	1.2E-06	3.7E-06
Phosphorus				3.2E-16	9.0E-16	1.1E-06	2.6E-06	1.4E-07	1.4E-07	3.1E-12	1.9E-11
Selenium	1.2E-17			1.7E-18	4.8E-18	7.5E-09	1.7E-08	9.3E-10	9.3E-10	8.5E-20	5.2E-19
Silver	8.2E-18			2.8E-14	7.8E-14	4.9E-09	1.1E-08	6.1E-10	6.1E-10	1.4E-15	8.4E-15
Thallium (Soluble Salts)					6.2E-09						6.6E-10
Titanium				3.4E-16	9.6E-16	2.6E-09	6.0E-09	3.3E-10	3.3E-10	1.7E-17	1.0E-16
Zinc	1.8E-13			7.9E-15	2.2E-14	5.9E-06	1.4E-05	7.3E-07	7.3E-07	3.9E-16	2.4E-15
NOx											
NOx (Oxides of Nitrogen)						6.7E-05	1.6E-04	8.4E-06	8.4E-06		
PAHs											
1-Methylnaphthalene		1.0E-17	1.4E-17	9.3E-18	2.6E-17	1.4E-06	3.3E-06	1.8E-07	1.8E-07	1.1E-14	6.5E-14
1-Methylphenanthrene				6.2E-15	1.7E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	3.0E-16	1.9E-15
2,3,5-Trimethylnaphthalene				2.9E-15	8.1E-15	8.4E-08	1.9E-07	1.0E-08	1.0E-08	1.4E-16	8.8E-16
2,6-Dimethylnaphthalene				7.9E-15	2.2E-14	2.2E-07	5.1E-07	2.8E-08	2.8E-08	3.9E-16	2.4E-15
2-Methylnaphthalene		9.9E-18	1.4E-17	9.0E-18	2.5E-17	1.4E-06	3.2E-06	1.7E-07	1.7E-07	1.0E-14	6.4E-14
Acenaphthylene				2.6E-14	7.1E-14	8.1E-07	1.9E-06	1.0E-07	1.0E-07	1.3E-15	7.7E-15
Acenaphthene	1.5E-16					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Anthracene	1.8E-15					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
Benzo(a)anthracene	2.6E-13	9.5E-10	9.8E-14	8.6E-10	1.8E-13	1.3E-07	3.0E-07	1.6E-08	1.6E-08	1.3E-08	8.0E-08
Benzo(a)pyrene	1.3E-13	1.1E-09	4.6E-14	1.0E-09	8.4E-14	5.0E-08	1.2E-07	6.3E-09	6.3E-09	4.9E-11	9.1E-15
Benzo(b)fluoranthene	3.6E-14	2.0E-09	2.7E-15	1.8E-09	4.8E-15	5.6E-08	1.3E-07	7.0E-09	7.0E-09	8.9E-11	5.2E-16
Benzo(e)pyrene				1.5E-15	4.1E-15	4.3E-08	9.9E-08	5.4E-09	5.4E-09	7.2E-17	4.4E-16
Benzo(g,h,i)perylene				1.1E-15	3.0E-15	3.3E-08	7.6E-08	4.1E-09	4.1E-09	5.3E-17	3.2E-16
Benzo(k)fluoranthene	2.6E-16	1.5E-09	2.7E-15	1.4E-09	4.9E-15	5.0E-10	1.2E-09	6.2E-11	6.2E-11	6.7E-11	5.3E-16

Table H-125 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				1.4E-16	4.0E-16	4.8E-06	1.1E-05	6.0E-07	6.0E-07	8.4E-14	5.2E-13
Chrysene	4.5E-14	1.2E-09	1.2E-13	1.1E-09	2.3E-13	2.2E-07	5.1E-07	2.7E-08	2.7E-08	5.2E-11	2.4E-14
Dibenze(a,h)anthracene	6.4E-15	1.1E-14	1.6E-14	1.0E-14	2.9E-14	8.0E-09	1.8E-08	9.9E-10	9.9E-10	5.0E-16	3.1E-15
Fluoranthene	1.2E-14	2.6E-15	3.6E-15	2.3E-15	6.6E-15	3.2E-07	7.4E-07	4.0E-08	4.0E-08	1.1E-16	7.1E-16
Fluorene	2.6E-15					8.0E-07	1.9E-06	1.0E-07	1.0E-07		
Indeno(1,2,3-cd)pyrene	1.6E-14	4.8E-10	4.5E-14	4.4E-10	8.2E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	2.2E-11	8.9E-15
Napthalene	1.2E-15					6.4E-06	1.5E-05	8.0E-07	8.0E-07		
Perylene				5.6E-16	1.6E-15	2.0E-08	4.6E-08	2.5E-09	2.5E-09	2.8E-17	1.7E-16
Phenanthrene	1.3E-14					1.5E-06	3.5E-06	1.9E-07	1.9E-07		
Pyrene	8.7E-15	7.1E-15	9.9E-15	6.5E-15	1.8E-14	3.1E-07	7.2E-07	3.9E-08	3.9E-08	1.8E-13	1.1E-12
Particulate											
Particulate Total Suspended Particulate				1.3E-10	3.6E-10	1.0E-03	2.3E-03	1.3E-04	1.3E-04	6.3E-12	3.9E-11
PM<10				1.6E-10	4.6E-10	1.3E-03	3.1E-03	1.7E-04	1.7E-04	8.0E-12	4.9E-11
PM<2.5				1.4E-10	3.8E-10	1.1E-03	2.6E-03	1.4E-04	1.4E-04	6.7E-12	4.1E-11
PCBs											
Dichlorobiphenyl	2.6E-16	1.5E-17	2.1E-17	1.3E-17	3.6E-17	4.0E-09	9.2E-09	5.0E-10	5.0E-10	1.2E-15	7.4E-15
Heptachlorobiphenyl	9.8E-18	1.7E-18	2.4E-18	1.5E-18	4.1E-18	5.4E-11	1.3E-10	6.8E-12	6.8E-12	7.4E-17	4.6E-16
Hexachlorobiphenyl	4.0E-17	7.8E-18	1.1E-17	6.6E-18	1.9E-17	2.3E-10	5.3E-10	2.9E-11	2.9E-11	3.4E-16	2.1E-15
Monochlorobiphenyl	1.8E-15	1.1E-16	1.5E-16	8.9E-17	2.5E-16	2.8E-08	6.4E-08	3.5E-09	3.5E-09	8.3E-15	5.1E-14
Nonachlorobiphenyl	1.2E-18	3.1E-19	4.3E-19	2.6E-19	7.2E-19	7.7E-12	1.8E-11	9.6E-13	9.6E-13	1.3E-17	8.1E-17
Octachlorobiphenyl	2.9E-18	5.6E-19	7.9E-19	4.7E-19	1.3E-18	1.7E-11	3.8E-11	2.1E-12	2.1E-12	2.4E-17	1.5E-16
Pentachlorobiphenyl	1.3E-16	2.8E-17	3.9E-17	2.4E-17	6.7E-17	7.8E-10	1.8E-09	9.8E-11	9.8E-11	1.2E-15	7.5E-15
Tetrachlorobiphenyl	7.7E-17	5.8E-18	8.1E-18	4.9E-18	1.4E-17	1.3E-09	3.0E-09	1.6E-10	1.6E-10	4.6E-16	2.8E-15
Trichlorobiphenyl	1.0E-16	7.0E-18	9.7E-18	5.9E-18	1.6E-17	1.6E-09	3.8E-09	2.0E-10	2.0E-10	5.5E-16	3.4E-15

Table H-125 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
Chlordecone (Kepone)		5.4E-08		6.4E-08						3.1E-09	
DDE				8.8E-09	3.3E-09					2.8E-07	1.7E-06
SVOCs											
1,2,4-trichlorobenzene						1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,2-dichlorobenzene	1.2E-19					4.7E-09	1.1E-08	5.8E-10	5.8E-10		
1,3-Butadiene						9.3E-04					
1,3-dichlorobenzene	3.0E-19					7.0E-09	1.6E-08	8.7E-10	8.7E-10		
1,4-dichlorobenzene	4.0E-18					6.5E-08	1.5E-07	8.1E-09	8.1E-09		
2,4-Dimethylphenol	1.1E-16					1.0E-06	2.4E-06	1.3E-07	1.3E-07		
2-Chlorophenol	5.5E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
2-Methylphenol	2.3E-15					2.4E-06	5.5E-06	3.0E-07	3.0E-07		
2-Nitrophenol	1.4E-17					3.2E-07	7.5E-07	4.0E-08	4.0E-08		
3-Methylphenol & 4-Methylphenol				1.6E-13	4.4E-13	4.3E-06	9.9E-06	5.4E-07	5.4E-07	7.7E-15	4.8E-14
4-Nitrophenol	2.8E-17					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Acetophenone	1.7E-16					5.1E-06	1.2E-05	6.4E-07	6.4E-07		
Benzoic acid	6.8E-16					2.3E-05	5.3E-05	2.9E-06	2.9E-06		
Benzyl alcohol	4.2E-19					1.9E-07	4.5E-07	2.4E-08	2.4E-08		
bis(2-Ethylhexyl) phthalate	2.1E-14	2.9E-13	4.0E-13	3.4E-13	9.5E-13	8.1E-06	1.9E-05	1.0E-06	1.0E-06	1.7E-14	1.0E-13
Butyl benzyl phthalate	7.5E-15	1.4E-16	1.9E-16	1.6E-16	4.6E-16	2.6E-07	5.9E-07	3.2E-08	3.2E-08	8.1E-18	5.0E-17
Carbazole				6.0E-16	1.7E-15	7.2E-09	1.7E-08	9.0E-10	9.0E-10	2.9E-17	1.8E-16
Dibenzofuran		6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.1E-07	9.4E-07	5.1E-08	5.1E-08	1.0E-14	6.4E-14
Dimethyl phthalate	2.8E-18					1.4E-08	3.3E-08	1.8E-09	1.8E-09		
Di-n-butyl phthalate	7.2E-14	1.4E-16	1.9E-16	1.6E-16	4.6E-16	3.9E-07	9.1E-07	4.9E-08	4.9E-08	8.1E-18	5.0E-17

Table H-125 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	5.4E-19	4.0E-16	5.6E-16	4.7E-16	1.3E-15	2.8E-08	6.4E-08	3.4E-09	3.4E-09	2.3E-17	1.4E-16
Hexachlorobutadiene	2.9E-16					1.9E-06	4.4E-06	2.4E-07	2.4E-07		
Isopropanol						1.5E-02					
Phenol	6.3E-15					1.3E-05	3.0E-05	1.6E-06	1.6E-06		
Pyridine	3.3E-16					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
TRS											
Total Reduced Sulfur						1.2E-05	2.9E-05	1.6E-06	1.6E-06		
VOCs											
1,1,1,2-Tetrachloroethane	1.2E-19					5.8E-09	1.3E-08	7.2E-10	7.2E-10		
1,1,1-Trichloroethane	7.5E-21					5.7E-09	1.3E-08	7.1E-10	7.1E-10		
1,1-Dichloroethene	2.6E-22					1.1E-09	2.6E-09	1.4E-10	1.4E-10		
1,2,3-Trichlorobenzene	8.0E-18					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2,3-Trichloropropane	4.6E-20					4.6E-09	1.1E-08	5.8E-10	5.8E-10		
1,2,4-Trimethylbenzene						2.7E-07	6.2E-07	3.3E-08	3.3E-08		
1,2-Dibromoethane	1.6E-20					3.0E-09	6.8E-09	3.7E-10	3.7E-10		
1,2-Dichloroethane	5.0E-19					1.2E-07	2.7E-07	4.3E-05	4.3E-05		
1,3,5-Trimethylbenzene	2.6E-18					2.5E-07	5.8E-07	3.1E-08	3.1E-08		
1,3-Dichloropropane						2.9E-09	6.6E-09	3.6E-10	3.6E-10		
2-Butanone	1.0E-16					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
2-Chlorotoluene						6.3E-08	1.5E-07	7.9E-09	7.9E-09		
2-Hexanone						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
Benzene	8.5E-17					3.6E-03	8.6E-05	4.2E-04	4.2E-04		
Bromobenzene						1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Bromochloromethane						3.8E-09	8.7E-09	4.7E-10	4.7E-10		

Table H-125 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	1.3E-20					4.1E-09	9.4E-09	5.1E-10	5.1E-10		
Bromomethane	5.7E-20					1.6E-07	3.8E-07	2.0E-08	2.0E-08		
Carbon disulfide	5.4E-20					1.4E-07	3.3E-07	1.8E-08	1.8E-08		
Carbon tetrachloride	5.8E-21					6.4E-03	2.2E-08	6.6E-04	6.6E-04		
Chlorobenzene	2.0E-18					2.1E-07	4.8E-07	2.6E-08	2.6E-08		
Chlorodibromomethane	7.8E-19					1.0E-07	2.3E-07	1.3E-08	1.3E-08		
Chloroethane	1.6E-19					3.9E-07	9.1E-07	4.9E-08	4.9E-08		
Chloroform	1.2E-19					9.3E-04	1.9E-07	1.0E-04	1.0E-04		
Chloromethane	4.2E-19					1.3E-06	3.1E-06	1.7E-07	1.7E-07		
cis-1,2-Dichloroethene	1.6E-19					1.7E-07	3.9E-07	2.1E-08	2.1E-08		
cis-1,3-Dichloropropene						1.0E-09	2.4E-09	1.3E-10	1.3E-10		
Dibromomethane	1.8E-20					8.7E-09	2.0E-08	1.1E-09	1.1E-09		
Dichlorodifluoromethane	2.0E-22					1.1E-08	2.5E-08	1.3E-09	1.3E-09		
Ethylbenzene	6.4E-17					1.2E-03	1.9E-05	1.0E-06	1.0E-06		
Isopropylbenzene	8.4E-20					6.8E-07	1.6E-06	8.4E-08	8.4E-08		
m&p-Xylene	1.0E-17					1.6E-06	3.6E-06	2.0E-07	2.0E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19					1.5E-08	3.5E-08	1.9E-09	1.9E-09		
Methylene chloride	1.1E-18					7.7E-07	1.8E-06	9.7E-08	9.7E-08		
n-Butylbenzene						3.3E-07	7.7E-07	4.2E-08	4.2E-08		
n-Propylbenzene						4.0E-07	9.3E-07	5.0E-08	5.0E-08		
o-Xylene	1.2E-17					9.8E-07	2.3E-06	1.2E-07	1.2E-07		
p-Chlorotoluene						2.4E-08	5.5E-08	3.0E-09	3.0E-09		
p-Isopropyltoluene						1.6E-07	3.8E-07	2.1E-08	2.1E-08		
sec-Butylbenzene						6.1E-08	1.4E-07	7.6E-09	7.6E-09		

Table H-125 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Styrene	4.0E-16					2.2E-05	5.1E-05	2.7E-06	2.7E-06		
tert-Butylbenzene						2.0E-06	4.5E-06	2.4E-07	2.4E-07		
Tetrachloroethene	2.8E-20					5.2E-09	1.2E-08	6.5E-10	6.5E-10		
Toluene	6.7E-17					1.4E-05	3.1E-05	1.7E-06	1.7E-06		
trans-1,2-Dichloroethene	2.5E-18					3.6E-06	8.4E-06	4.5E-07	4.5E-07		
trans-1,3-Dichloropropene						1.8E-09	4.2E-09	2.3E-10	2.3E-10		
Trichloroethene	2.9E-22					3.1E-10	7.2E-10	3.9E-11	3.9E-11		
Trichlorofluoromethane	4.5E-22					3.7E-09	8.6E-09	4.7E-10	4.7E-10		
Vinyl chloride	2.1E-20					2.1E-07	4.9E-07	2.7E-08	2.7E-08		

Table H-126 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					3.2E-03	4.0E-02	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18	
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18	
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19	
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19	
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18	
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19	
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19	
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19	
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20	
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19	
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19	

Table H-126 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.0E-02	2.4E-02					5.0E-07	2.6E-06
Antimony	1.6E-17			3.8E-07	4.8E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.8E-11	5.2E-11
Arsenic	8.1E-16	3.6E-07	4.6E-07	8.5E-07	2.2E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	6.9E-11	3.9E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				2.6E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.3E-09	4.0E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				2.3E-02	4.0E-02					1.1E-06	4.3E-06
Lead	6.9E-18			1.1E-04	5.3E-05	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.2E-09	5.7E-09
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				1.7E-06	2.7E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	3.3E-06	2.0E-05
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19

Table H-126 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	7.9E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.7E-08	8.5E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Thallium (Soluble Salts)					1.4E-07						1.6E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	2.2E-08	2.8E-12	2.0E-08	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	3.0E-10	1.9E-09
Benzo(a)pyrene	3.1E-12	2.6E-08	1.2E-12	2.4E-08	2.3E-12	1.2E-09	2.7E-09	1.5E-10	1.5E-10	1.2E-12	2.4E-16
Benzo(b)fluoranthene	8.3E-13	4.7E-08	7.3E-14	4.2E-08	1.3E-13	1.3E-09	3.0E-09	1.6E-10	1.6E-10	2.1E-12	1.4E-17
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	3.5E-08	9.7E-14	3.2E-08	1.8E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.6E-12	1.9E-17

Table H-126 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.7E-08	3.8E-12	2.5E-08	6.9E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.2E-12	7.4E-16
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	4.7E-13	3.1E-13	8.6E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	1.5E-17	9.3E-17
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.1E-08	1.3E-12	1.0E-08	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	5.0E-13	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16

Table H-126 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
Chlordecone (Kepone)		1.3E-06		1.5E-06						7.3E-11	
DDE				2.1E-07	7.8E-08					6.5E-09	4.0E-08
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						2.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18

Table H-126 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						3.4E-04					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.4E-05	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		

Table H-126 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of		Inhalation of		Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)	
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11			
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10			
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10			
Carbon tetrachloride	1.3E-19					1.5E-04	5.0E-10	1.5E-05	1.5E-05			
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10			
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09			
Chloroform	2.8E-18					2.2E-05	4.5E-09	2.4E-06	2.4E-06			
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09			
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10			
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12			
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11			
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11			
Ethylbenzene	1.5E-15					2.7E-05	4.5E-07	2.4E-08	2.4E-08			
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09			
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09			
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11			
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09			
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10			
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09			
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11			
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10			
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10			

Table H-126 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08				
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09				
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11				
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08				
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08				
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12				
Trichloroethene	6.8E-21					7.3E-12	1.7E-11	9.1E-13	9.1E-13				
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11				
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10				

Table H-127 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.6E-05	8.3E-05	4.5E-06	4.5E-06		
Aldehydes											
Acetaldehyde	3.9E-15					6.2E-05	1.4E-04	7.8E-06	7.8E-06		
Formaldehyde	1.9E-14					1.4E-01	1.2E+00	3.3E-06	3.3E-06		
Propionaldehyde				9.6E-17	2.7E-16	6.8E-06	1.6E-05	8.5E-07	8.5E-07	7.2E-13	4.4E-12
CO											
Carbon monoxide						1.9E-03	4.4E-03	2.4E-04	2.4E-04		
CO2											
Carbon dioxide						6.0E-05	1.4E-04	7.5E-06	7.5E-06		
Criteria											
Sulfur Dioxide						1.6E-05	3.7E-05	2.0E-06	2.0E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	3.9E-20	3.2E-17	4.5E-17	1.3E-16	3.6E-16	3.6E-11	8.4E-11	4.5E-12	4.5E-12	6.2E-18	3.8E-17
1,2,3,4,6,7,8-HpCDF	3.8E-20	3.3E-17	4.6E-17	1.3E-16	3.6E-16	3.7E-11	8.5E-11	4.6E-12	4.6E-12	6.3E-18	3.9E-17
1,2,3,4,7,8,9-HpCDF	6.2E-21	3.7E-18	5.2E-18	1.5E-17	4.1E-17	4.7E-12	1.1E-11	5.8E-13	5.8E-13	7.2E-19	4.4E-18
1,2,3,4,7,8-HxCDD	4.7E-20	3.7E-18	5.1E-18	1.4E-17	4.0E-17	4.4E-12	1.0E-11	5.4E-13	5.4E-13	7.1E-19	4.4E-18
1,2,3,4,7,8-HxCDF	3.2E-19	2.9E-17	4.1E-17	1.1E-16	3.2E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	5.6E-18	3.5E-17
1,2,3,6,7,8-HxCDD	9.2E-20	7.5E-18	1.0E-17	2.9E-17	8.2E-17	9.2E-12	2.1E-11	1.1E-12	1.1E-12	1.4E-18	8.9E-18
1,2,3,6,7,8-HxCDF	1.2E-19	9.5E-18	1.3E-17	3.7E-17	1.0E-16	1.1E-11	2.7E-11	1.4E-12	1.4E-12	1.8E-18	1.1E-17
1,2,3,7,8,9-HxCDD	1.3E-19	1.2E-17	1.6E-17	4.6E-17	1.3E-16	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.3E-18	1.4E-17
1,2,3,7,8,9-HxCDF	1.0E-20	6.8E-19	9.5E-19	2.7E-18	7.5E-18	8.8E-13	2.0E-12	1.1E-13	1.1E-13	1.3E-19	8.1E-19
1,2,3,7,8-PeCDD	2.9E-19	4.1E-18	5.8E-18	1.6E-17	4.6E-17	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.0E-19	4.9E-18
1,2,3,7,8-PeCDF	4.1E-19	4.9E-18	6.8E-18	1.9E-17	5.4E-17	7.9E-12	1.8E-11	9.9E-13	9.9E-13	9.4E-19	5.8E-18

Table H-127 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	1.7E-19	1.5E-17	2.1E-17	5.9E-17	1.6E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.9E-18	1.8E-17
2,3,4,7,8-PeCDF	6.4E-19	1.2E-17	1.6E-17	4.6E-17	1.3E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.2E-18	1.4E-17
2,3,7,8-TCDD	1.0E-19	8.5E-19	1.2E-18	3.4E-18	9.4E-18	2.2E-12	5.1E-12	2.8E-13	2.8E-13	1.1E-16	7.0E-16
2,3,7,8-TCDF	3.4E-19	1.5E-18	2.2E-18	6.1E-18	1.7E-17	8.2E-12	1.9E-11	1.0E-12	1.0E-12	3.0E-19	1.8E-18
OCDD	5.2E-22	2.2E-17	3.0E-17	8.6E-17	2.4E-16	2.4E-11	5.6E-11	3.0E-12	3.0E-12	4.2E-18	2.6E-17
OCDF	1.9E-22	8.4E-18	1.2E-17	3.3E-17	9.3E-17	9.1E-12	2.1E-11	1.1E-12	1.1E-12	1.6E-18	1.0E-17
HCN											
Hydrogen cyanide						6.8E-06	1.6E-05	8.5E-07	8.5E-07		
Metals											
Aluminum				4.4E-04	8.2E-04					2.1E-05	8.9E-05
Antimony	6.7E-19			1.6E-08	7.2E-09	4.5E-07	1.0E-06	5.6E-08	5.6E-08	7.9E-10	7.8E-10
Arsenic	3.5E-17	1.5E-08	7.8E-09	3.6E-08	3.7E-08	2.5E-08	5.9E-08	3.2E-09	3.2E-09	3.0E-09	6.6E-09
Barium	7.9E-14			7.6E-11	2.1E-10	5.4E-06	1.2E-05	6.7E-07	6.7E-07	3.7E-12	2.3E-11
Beryllium	1.4E-18			4.5E-17	1.3E-16	1.8E-09	4.3E-09	2.3E-10	2.3E-10	2.2E-18	1.4E-17
Cadmium	3.6E-16			3.5E-17	9.8E-17	3.2E-08	7.5E-08	4.1E-09	4.1E-09	1.7E-18	1.1E-17
Chromium	9.4E-17			2.3E-12	6.4E-12	2.8E-07	6.4E-07	3.5E-08	3.5E-08	1.1E-13	6.9E-13
Cobalt				1.1E-06	2.7E-06	4.2E-07	9.7E-07	5.3E-08	5.3E-08	5.6E-08	2.9E-07
Copper				8.3E-12	2.3E-11	7.6E-07	1.8E-06	9.5E-08	9.5E-08	4.1E-13	2.5E-12
Iron				9.7E-04	1.8E-03					4.8E-05	2.0E-04
Lead	3.0E-19			4.6E-06	6.2E-06	2.6E-07	5.9E-07	3.2E-08	3.2E-08	2.2E-07	6.6E-07
Manganese				3.4E-14	9.5E-14	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.7E-15	1.0E-14
Mercury (+2)				7.3E-16	2.1E-15	1.0E-09	2.3E-09	1.3E-10	1.3E-10	3.6E-17	2.2E-16
Mercury, elemental				7.3E-08	1.9E-09	4.2E-12	9.7E-12	5.3E-13	5.3E-13	1.4E-04	8.7E-04
Methyl Mercury	2.8E-16			4.4E-17	1.2E-16					2.1E-18	1.3E-17

Table H-127 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	1.4E-16			2.4E-05	5.7E-05	1.5E-07	3.4E-07	1.9E-08	1.9E-08	1.2E-06	6.1E-06
Phosphorus				3.2E-16	9.0E-16	1.1E-06	2.6E-06	1.4E-07	1.4E-07	3.1E-12	1.9E-11
Selenium	1.2E-17			1.7E-18	4.8E-18	7.5E-09	1.7E-08	9.3E-10	9.3E-10	8.5E-20	5.2E-19
Silver	8.2E-18			2.8E-14	7.8E-14	4.9E-09	1.1E-08	6.1E-10	6.1E-10	1.4E-15	8.4E-15
Titanium				3.4E-16	9.6E-16	2.6E-09	6.0E-09	3.3E-10	3.3E-10	1.7E-17	1.0E-16
Zinc	1.8E-13			7.9E-15	2.2E-14	5.9E-06	1.4E-05	7.3E-07	7.3E-07	3.9E-16	2.4E-15
NOx											
NOx (Oxides of Nitrogen)						6.7E-05	1.6E-04	8.4E-06	8.4E-06		
PAHs											
1-Methylnaphthalene		1.0E-17	1.4E-17	9.3E-18	2.6E-17	1.4E-06	3.3E-06	1.8E-07	1.8E-07	1.1E-14	6.5E-14
1-Methylphenanthrene				6.2E-15	1.7E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	3.0E-16	1.9E-15
2,3,5-Trimethylnaphthalene				2.9E-15	8.1E-15	8.4E-08	1.9E-07	1.0E-08	1.0E-08	1.4E-16	8.8E-16
2,6-Dimethylnaphthalene				7.9E-15	2.2E-14	2.2E-07	5.1E-07	2.8E-08	2.8E-08	3.9E-16	2.4E-15
2-Methylnaphthalene		9.9E-18	1.4E-17	9.0E-18	2.5E-17	1.4E-06	3.2E-06	1.7E-07	1.7E-07	1.0E-14	6.4E-14
Acenaphthylene				2.6E-14	7.1E-14	8.1E-07	1.9E-06	1.0E-07	1.0E-07	1.3E-15	7.7E-15
Acenaphthene	1.5E-16					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Anthracene	1.8E-15					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
Benzo(a)anthracene	2.6E-13	9.5E-10	9.8E-14	8.6E-10	1.8E-13	1.3E-07	3.0E-07	1.6E-08	1.6E-08	1.3E-08	8.0E-08
Benzo(a)pyrene	1.3E-13	1.1E-09	5.6E-09	1.0E-09	1.0E-08	5.0E-08	1.2E-07	6.3E-09	6.3E-09	4.9E-11	1.1E-09
Benzo(b)fluoranthene	3.6E-14	2.0E-09	5.1E-09	1.8E-09	9.2E-09	5.6E-08	1.3E-07	7.0E-09	7.0E-09	8.9E-11	1.0E-09
Benzo(e)pyrene				1.5E-15	4.1E-15	4.3E-08	9.9E-08	5.4E-09	5.4E-09	7.2E-17	4.4E-16
Benzo(g,h,i)perylene				1.1E-15	3.0E-15	3.3E-08	7.6E-08	4.1E-09	4.1E-09	5.3E-17	3.2E-16
Benzo(k)fluoranthene	2.6E-16	1.5E-09	2.7E-15	1.4E-09	4.9E-15	5.0E-10	1.2E-09	6.2E-11	6.2E-11	6.7E-11	5.3E-16
Biphenyl				1.4E-16	4.0E-16	4.8E-06	1.1E-05	6.0E-07	6.0E-07	8.4E-14	5.2E-13

Table H-127 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	4.5E-14	1.2E-09	1.2E-13	1.1E-09	2.3E-13	2.2E-07	5.1E-07	2.7E-08	2.7E-08	5.2E-11	2.4E-14
Dibenze(a,h)anthracene	6.4E-15	1.1E-14	1.6E-14	1.0E-14	2.9E-14	8.0E-09	1.8E-08	9.9E-10	9.9E-10	5.0E-16	3.1E-15
Fluoranthene	1.2E-14	2.6E-15	3.6E-15	2.3E-15	6.6E-15	3.2E-07	7.4E-07	4.0E-08	4.0E-08	1.1E-16	7.1E-16
Fluorene	2.6E-15					8.0E-07	1.9E-06	1.0E-07	1.0E-07		
Indeno(1,2,3-cd)pyrene	1.6E-14	4.8E-10	4.5E-14	4.4E-10	8.2E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	2.2E-11	8.9E-15
Napthalene	1.2E-15					6.4E-06	1.5E-05	8.0E-07	8.0E-07		
Perylene				5.6E-16	1.6E-15	2.0E-08	4.6E-08	2.5E-09	2.5E-09	2.8E-17	1.7E-16
Phenanthrene	1.3E-14					1.5E-06	3.5E-06	1.9E-07	1.9E-07		
Pyrene	8.7E-15	7.1E-15	9.9E-15	6.5E-15	1.8E-14	3.1E-07	7.2E-07	3.9E-08	3.9E-08	1.8E-13	1.1E-12
Particulate											
Particulate Total Suspended Particulate				1.3E-10	3.6E-10	1.0E-03	2.3E-03	1.3E-04	1.3E-04	6.3E-12	3.9E-11
PM<10				1.6E-10	4.6E-10	1.3E-03	3.1E-03	1.7E-04	1.7E-04	8.0E-12	4.9E-11
PM<2.5				1.4E-10	3.8E-10	1.1E-03	2.6E-03	1.4E-04	1.4E-04	6.7E-12	4.1E-11
PCBs											
Dichlorobiphenyl	2.6E-16	1.5E-17	2.1E-17	1.3E-17	3.6E-17	4.0E-09	9.2E-09	5.0E-10	5.0E-10	1.2E-15	7.4E-15
Heptachlorobiphenyl	9.8E-18	1.7E-18	2.4E-18	1.5E-18	4.1E-18	5.4E-11	1.3E-10	6.8E-12	6.8E-12	7.4E-17	4.6E-16
Hexachlorobiphenyl	4.0E-17	7.8E-18	1.1E-17	6.6E-18	1.9E-17	2.3E-10	5.3E-10	2.9E-11	2.9E-11	3.4E-16	2.1E-15
Monochlorobiphenyl	1.8E-15	1.1E-16	1.5E-16	8.9E-17	2.5E-16	2.8E-08	6.4E-08	3.5E-09	3.5E-09	8.3E-15	5.1E-14
Nonachlorobiphenyl	1.2E-18	3.1E-19	4.3E-19	2.6E-19	7.2E-19	7.7E-12	1.8E-11	9.6E-13	9.6E-13	1.3E-17	8.1E-17
Octachlorobiphenyl	2.9E-18	5.6E-19	7.9E-19	4.7E-19	1.3E-18	1.7E-11	3.8E-11	2.1E-12	2.1E-12	2.4E-17	1.5E-16
Pentachlorobiphenyl	1.3E-16	2.8E-17	3.9E-17	2.4E-17	6.7E-17	7.8E-10	1.8E-09	9.8E-11	9.8E-11	1.2E-15	7.5E-15
Tetrachlorobiphenyl	7.7E-17	5.8E-18	8.1E-18	4.9E-18	1.4E-17	1.3E-09	3.0E-09	1.6E-10	1.6E-10	4.6E-16	2.8E-15
Trichlorobiphenyl	1.0E-16	7.0E-18	9.7E-18	5.9E-18	1.6E-17	1.6E-09	3.8E-09	2.0E-10	2.0E-10	5.5E-16	3.4E-15
Pesticides											

Table H-127 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chlordecone (Kepone)		5.4E-08		6.4E-08						3.1E-09	
DDE				8.8E-09	1.2E-08					2.8E-07	1.7E-06
SVOCs											
1,2,4-trichlorobenzene						1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,2-dichlorobenzene	1.2E-19					4.7E-09	1.1E-08	5.8E-10	5.8E-10		
1,3-Butadiene						9.3E-04					
1,3-dichlorobenzene	3.0E-19					7.0E-09	1.6E-08	8.7E-10	8.7E-10		
1,4-dichlorobenzene	4.0E-18					6.5E-08	1.5E-07	8.1E-09	8.1E-09		
2,4-Dimethylphenol	1.1E-16					1.0E-06	2.4E-06	1.3E-07	1.3E-07		
2-Chlorophenol	5.5E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
2-Methylphenol	2.3E-15					2.4E-06	5.5E-06	3.0E-07	3.0E-07		
2-Nitrophenol	1.4E-17					3.2E-07	7.5E-07	4.0E-08	4.0E-08		
3-Methylphenol & 4-Methylphenol				1.6E-13	4.4E-13	4.3E-06	9.9E-06	5.4E-07	5.4E-07	7.7E-15	4.8E-14
4-Nitrophenol	2.8E-17					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Acetophenone	1.7E-16					5.1E-06	1.2E-05	6.4E-07	6.4E-07		
Benzoic acid	6.8E-16					2.3E-05	5.3E-05	2.9E-06	2.9E-06		
Benzyl alcohol	4.2E-19					1.9E-07	4.5E-07	2.4E-08	2.4E-08		
bis(2-Ethylhexyl) phthalate	2.1E-14	2.9E-13	4.0E-13	3.4E-13	9.5E-13	8.1E-06	1.9E-05	1.0E-06	1.0E-06	1.7E-14	1.0E-13
Butyl benzyl phthalate	7.5E-15	1.4E-16	1.9E-16	1.6E-16	4.6E-16	2.6E-07	5.9E-07	3.2E-08	3.2E-08	8.1E-18	5.0E-17
Carbazole				6.0E-16	1.7E-15	7.2E-09	1.7E-08	9.0E-10	9.0E-10	2.9E-17	1.8E-16
Dibenzofuran		6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.1E-07	9.4E-07	5.1E-08	5.1E-08	1.0E-14	6.4E-14
Dimethyl phthalate	2.8E-18					1.4E-08	3.3E-08	1.8E-09	1.8E-09		
Di-n-butyl phthalate	7.2E-14	1.4E-16	1.9E-16	1.6E-16	4.6E-16	3.9E-07	9.1E-07	4.9E-08	4.9E-08	8.1E-18	5.0E-17
Di-n-octyl phthalate	5.4E-19	4.0E-16	5.6E-16	4.7E-16	1.3E-15	2.8E-08	6.4E-08	3.4E-09	3.4E-09	2.3E-17	1.4E-16

Table H-127 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	2.9E-16					1.9E-06	4.4E-06	2.4E-07	2.4E-07		
Isopropanol						1.5E-02					
Phenol	6.3E-15					1.3E-05	3.0E-05	1.6E-06	1.6E-06		
Pyridine	3.3E-16					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
TRS											
Total Reduced Sulfur						1.2E-05	2.9E-05	1.6E-06	1.6E-06		
VOCs											
1,1,1,2-Tetrachloroethane	1.2E-19					5.8E-09	1.3E-08	7.2E-10	7.2E-10		
1,1,1-Trichloroethane	7.5E-21					5.7E-09	1.3E-08	7.1E-10	7.1E-10		
1,1-Dichloroethene	2.6E-22					1.1E-09	2.6E-09	1.4E-10	1.4E-10		
1,2,3-Trichlorobenzene	8.0E-18					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2,3-Trichloropropane	4.6E-20					4.6E-09	1.1E-08	5.8E-10	5.8E-10		
1,2,4-Trimethylbenzene						2.7E-07	6.2E-07	3.3E-08	3.3E-08		
1,2-Dibromoethane	1.6E-20					3.0E-09	6.8E-09	3.7E-10	3.7E-10		
1,2-Dichloroethane	5.0E-19					1.2E-07	2.7E-07	4.3E-05	4.3E-05		
1,3,5-Trimethylbenzene	2.6E-18					2.5E-07	5.8E-07	3.1E-08	3.1E-08		
1,3-Dichloropropane						2.9E-09	6.6E-09	3.6E-10	3.6E-10		
2-Butanone	1.0E-16					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
2-Chlorotoluene						6.3E-08	1.5E-07	7.9E-09	7.9E-09		
2-Hexanone						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
Benzene	8.5E-17					3.6E-03	8.6E-05	4.2E-04	4.2E-04		
Bromobenzene						1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Bromochloromethane						3.8E-09	8.7E-09	4.7E-10	4.7E-10		
Bromodichloromethane	1.3E-20					4.1E-09	9.4E-09	5.1E-10	5.1E-10		

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ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Bromomethane	5.7E-20					1.6E-07	3.8E-07	2.0E-08	2.0E-08		
Carbon disulfide	5.4E-20					1.4E-07	3.3E-07	1.8E-08	1.8E-08		
Carbon tetrachloride	5.8E-21					6.4E-03	2.2E-08	6.6E-04	6.6E-04		
Chlorobenzene	2.0E-18					2.1E-07	4.8E-07	2.6E-08	2.6E-08		
Chlorodibromomethane	7.8E-19					1.0E-07	2.3E-07	1.3E-08	1.3E-08		
Chloroethane	1.6E-19					3.9E-07	9.1E-07	4.9E-08	4.9E-08		
Chloroform	1.2E-19					9.3E-04	1.9E-07	1.0E-04	1.0E-04		
Chloromethane	4.2E-19					1.3E-06	3.1E-06	1.7E-07	1.7E-07		
cis-1,2-Dichloroethene	1.6E-19					1.7E-07	3.9E-07	2.1E-08	2.1E-08		
cis-1,3-Dichloropropene						1.0E-09	2.4E-09	1.3E-10	1.3E-10		
Dibromomethane	1.8E-20					8.7E-09	2.0E-08	1.1E-09	1.1E-09		
Dichlorodifluoromethane	2.0E-22					1.1E-08	2.5E-08	1.3E-09	1.3E-09		
Ethylbenzene	6.4E-17					1.2E-03	1.9E-05	1.0E-06	1.0E-06		
Isopropylbenzene	8.4E-20					6.8E-07	1.6E-06	8.4E-08	8.4E-08		
m&p-Xylene	1.0E-17					1.6E-06	3.6E-06	2.0E-07	2.0E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19					1.5E-08	3.5E-08	1.9E-09	1.9E-09		
Methylene chloride	1.1E-18					7.7E-07	1.8E-06	9.7E-08	9.7E-08		
n-Butylbenzene						3.3E-07	7.7E-07	4.2E-08	4.2E-08		
n-Propylbenzene						4.0E-07	9.3E-07	5.0E-08	5.0E-08		
o-Xylene	1.2E-17					9.8E-07	2.3E-06	1.2E-07	1.2E-07		
p-Chlorotoluene						2.4E-08	5.5E-08	3.0E-09	3.0E-09		
p-Isopropyltoluene						1.6E-07	3.8E-07	2.1E-08	2.1E-08		
sec-Butylbenzene						6.1E-08	1.4E-07	7.6E-09	7.6E-09		
Styrene	4.0E-16					2.2E-05	5.1E-05	2.7E-06	2.7E-06		

Table H-127 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)
tert-Butylbenzene						2.0E-06	4.5E-06	2.4E-07	2.4E-07			
Tetrachloroethene	2.8E-20					5.2E-09	1.2E-08	6.5E-10	6.5E-10			
Toluene	6.7E-17					1.4E-05	3.1E-05	1.7E-06	1.7E-06			
trans-1,2-Dichloroethene	2.5E-18					3.6E-06	8.4E-06	4.5E-07	4.5E-07			
trans-1,3-Dichloropropene						1.8E-09	4.2E-09	2.3E-10	2.3E-10			
Trichloroethene	2.9E-22					3.1E-10	7.2E-10	3.9E-11	3.9E-11			
Trichlorofluoromethane	4.5E-22					3.7E-09	8.6E-09	4.7E-10	4.7E-10			
Vinyl chloride	2.1E-20					2.1E-07	4.9E-07	2.7E-08	2.7E-08			

Table H-128 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					3.2E-03	2.7E-02	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19

Table H-128 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.0E-02	1.9E-02					5.0E-07	2.1E-06
Antimony	1.6E-17			3.8E-07	1.7E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.8E-11	1.8E-11
Arsenic	8.1E-16	3.6E-07	1.8E-07	8.5E-07	8.6E-07	5.9E-10	1.4E-09	7.4E-11	7.4E-11	6.9E-11	1.6E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				2.6E-05	6.4E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.3E-09	6.9E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				2.3E-02	4.3E-02					1.1E-06	4.7E-06
Lead	6.9E-18			1.1E-04	1.4E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.2E-09	1.6E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				1.7E-06	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	3.3E-06	2.0E-05
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19

Table H-128 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	1.3E-03	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.7E-08	1.4E-07
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	2.2E-08	2.8E-12	2.0E-08	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	3.0E-10	1.9E-09
Benzo(a)pyrene	3.1E-12	2.6E-08	1.3E-07	2.4E-08	2.4E-07	1.2E-09	2.7E-09	1.5E-10	1.5E-10	1.2E-12	2.6E-11
Benzo(b)fluoranthene	8.3E-13	4.7E-08	1.2E-07	4.2E-08	2.2E-07	1.3E-09	3.0E-09	1.6E-10	1.6E-10	2.1E-12	2.3E-11
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	3.5E-08	9.7E-14	3.2E-08	1.8E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.6E-12	1.9E-17
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14

Table H-128 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	1.1E-12	2.7E-08	3.8E-12	2.5E-08	6.9E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.2E-12	7.4E-16
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	4.7E-13	3.1E-13	8.6E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	1.5E-17	9.3E-17
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.1E-08	1.3E-12	1.0E-08	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	5.0E-13	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16
Pesticides											

Table H-128 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chlordecone (Kepone)		1.3E-06		1.5E-06						7.3E-11	
DDE				2.1E-07	2.8E-07					6.5E-09	4.0E-08
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						2.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18

Table H-128 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						3.4E-04					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.4E-05	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		

Table H-128 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.5E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					2.2E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					2.7E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		

Table H-128 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09				
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11				
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08				
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08				
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12				
Trichloroethene	6.8E-21					7.3E-12	1.7E-11	9.1E-13	9.1E-13				
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11				
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10				

Table H-129 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.6E-05	1.3E-03	4.5E-06	4.3E-04		
Aldehydes											
Acetaldehyde	3.9E-15					6.2E-05	2.2E-03	7.8E-06	7.4E-04		
Formaldehyde	1.9E-14					1.4E-01	8.7E-04	3.3E-06	2.9E-04		
Propionaldehyde				9.6E-17	3.1E-15	6.8E-06	2.5E-04	8.5E-07	8.2E-05	7.2E-13	5.1E-11
CO											
Carbon monoxide						1.9E-03	7.1E-02	2.4E-04	2.4E-02		
CO2											
Carbon dioxide						6.0E-05	2.1E-03	7.5E-06	7.2E-04		
Criteria											
Sulfur Dioxide						1.6E-05	5.2E-04	2.0E-06	1.7E-04		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	3.9E-20	3.2E-17	6.0E-16	1.3E-16	4.8E-15	3.6E-11	1.4E-09	4.5E-12	4.8E-10	6.2E-18	5.1E-16
1,2,3,4,6,7,8-HpCDF	3.8E-20	3.3E-17	6.0E-16	1.3E-16	4.8E-15	3.7E-11	1.5E-09	4.6E-12	4.9E-10	6.3E-18	5.1E-16
1,2,3,4,7,8,9-HpCDF	6.2E-21	3.7E-18	7.3E-17	1.5E-17	5.7E-16	4.7E-12	1.9E-10	5.8E-13	6.3E-11	7.2E-19	6.2E-17
1,2,3,4,7,8-HxCDD	4.7E-20	3.7E-18	7.1E-17	1.4E-17	5.6E-16	4.4E-12	1.8E-10	5.4E-13	5.9E-11	7.1E-19	6.0E-17
1,2,3,4,7,8-HxCDF	3.2E-19	2.9E-17	5.6E-16	1.1E-16	4.4E-15	3.5E-11	1.4E-09	4.4E-12	4.8E-10	5.6E-18	4.8E-16
1,2,3,6,7,8-HxCDD	9.2E-20	7.5E-18	1.4E-16	2.9E-17	1.1E-15	9.2E-12	3.7E-10	1.1E-12	1.2E-10	1.4E-18	1.2E-16
1,2,3,6,7,8-HxCDF	1.2E-19	9.5E-18	1.9E-16	3.7E-17	1.5E-15	1.1E-11	4.7E-10	1.4E-12	1.6E-10	1.8E-18	1.6E-16
1,2,3,7,8,9-HxCDD	1.3E-19	1.2E-17	2.3E-16	4.6E-17	1.8E-15	1.4E-11	5.6E-10	1.7E-12	1.9E-10	2.3E-18	1.9E-16
1,2,3,7,8,9-HxCDF	1.0E-20	6.8E-19	1.3E-17	2.7E-18	1.1E-16	8.8E-13	3.6E-11	1.1E-13	1.2E-11	1.3E-19	1.1E-17
1,2,3,7,8-PeCDD	2.9E-19	4.1E-18	8.1E-17	1.6E-17	6.4E-16	5.5E-12	2.3E-10	6.9E-13	7.5E-11	8.0E-19	6.9E-17
1,2,3,7,8-PeCDF	4.1E-19	4.9E-18	9.6E-17	1.9E-17	7.5E-16	7.9E-12	3.2E-10	9.9E-13	1.1E-10	9.4E-19	8.1E-17

Table H-129 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	1.7E-19	1.5E-17	2.8E-16	5.9E-17	2.2E-15	1.8E-11	7.1E-10	2.2E-12	2.4E-10	2.9E-18	2.4E-16
2,3,4,7,8-PeCDF	6.4E-19	1.2E-17	2.3E-16	4.6E-17	1.8E-15	1.8E-11	7.2E-10	2.2E-12	2.4E-10	2.2E-18	1.9E-16
2,3,7,8-TCDD	1.0E-19	8.5E-19	1.2E-17	3.4E-18	9.7E-17	2.2E-12	7.4E-11	2.8E-13	2.5E-11	1.1E-16	7.3E-15
2,3,7,8-TCDF	3.4E-19	1.5E-18	3.1E-17	6.1E-18	2.4E-16	8.2E-12	3.4E-10	1.0E-12	1.1E-10	3.0E-19	2.6E-17
OCDD	5.2E-22	2.2E-17	4.0E-16	8.6E-17	3.2E-15	2.4E-11	9.5E-10	3.0E-12	3.2E-10	4.2E-18	3.4E-16
OCDF	1.9E-22	8.4E-18	1.5E-16	3.3E-17	1.2E-15	9.1E-12	3.5E-10	1.1E-12	1.2E-10	1.6E-18	1.3E-16
HCN											
Hydrogen cyanide						6.8E-06	2.6E-04	8.5E-07	8.8E-05		
Metals											
Aluminum				4.4E-04						2.1E-05	
Antimony	6.7E-19			1.6E-08		4.5E-07	1.1E-05	5.6E-08	3.7E-06	7.9E-10	
Arsenic	3.5E-17	1.5E-08	2.1E-18	3.6E-08	9.8E-18	2.5E-08	9.0E-07	3.2E-09	3.0E-07	3.0E-09	1.8E-18
Barium	7.9E-14			7.6E-11	2.6E-09	5.4E-06	1.5E-04	6.7E-07	4.8E-05	3.7E-12	2.8E-10
Beryllium	1.4E-18			4.5E-17	1.7E-15	1.8E-09	6.2E-08	2.3E-10	2.1E-08	2.2E-18	1.8E-16
Cadmium	3.6E-16			3.5E-17	1.3E-15	3.2E-08	1.1E-06	4.1E-09	3.8E-07	1.7E-18	1.4E-16
Chromium	9.4E-17			2.3E-12	8.9E-11	2.8E-07	9.9E-06	3.5E-08	3.3E-06	1.1E-13	9.6E-12
Cobalt				1.1E-06	2.4E-10	4.2E-07	7.7E-06	5.3E-08	2.6E-06	5.6E-08	2.6E-11
Copper				8.3E-12	3.2E-10	7.6E-07	2.6E-05	9.5E-08	8.7E-06	4.1E-13	3.4E-11
Iron				9.7E-04						4.8E-05	
Lead	3.0E-19			4.6E-06	1.6E-13	2.6E-07	8.4E-06	3.2E-08	2.8E-06	2.2E-07	1.8E-14
Manganese				3.4E-14	1.3E-12	2.3E-07	8.1E-06	2.9E-08	2.7E-06	1.7E-15	1.4E-13
Mercury (+2)				7.3E-16	2.3E-14	1.0E-09	3.6E-08	1.3E-10	1.2E-08	3.6E-17	2.4E-15
Mercury, elemental				7.3E-08		4.2E-12	1.5E-10	5.3E-13	4.9E-11	1.4E-04	
Methyl Mercury	2.8E-16			4.4E-17	1.7E-15					2.1E-18	1.8E-16

Table H-129 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	1.4E-16			2.4E-05	6.6E-15	1.5E-07	5.1E-06	1.9E-08	1.7E-06	1.2E-06	7.2E-16
Phosphorus				3.2E-16	1.2E-14	1.1E-06	3.7E-05	1.4E-07	1.2E-05	3.1E-12	2.5E-10
Selenium	1.2E-17			1.7E-18	6.6E-17	7.5E-09	2.6E-07	9.3E-10	8.7E-08	8.5E-20	7.2E-18
Silver	8.2E-18			2.8E-14	1.0E-12	4.9E-09	1.6E-07	6.1E-10	5.3E-08	1.4E-15	1.1E-13
Titanium				3.4E-16	1.4E-14	2.6E-09	9.8E-08	3.3E-10	3.3E-08	1.7E-17	1.5E-15
Zinc	1.8E-13			7.9E-15	2.8E-13	5.9E-06	1.7E-04	7.3E-07	5.6E-05	3.9E-16	3.0E-14
NOx											
NOx (Oxides of Nitrogen)						6.7E-05	2.2E-03	8.4E-06	7.5E-04		
PAHs											
1-Methylnaphthalene		1.0E-17	2.1E-16	9.3E-18	3.8E-16	1.4E-06	5.9E-05	1.8E-07	2.0E-05	1.1E-14	9.5E-13
1-Methylphenanthrene				6.2E-15	2.6E-13	1.7E-07	7.1E-06	2.1E-08	2.4E-06	3.0E-16	2.8E-14
2,3,5-Trimethylnaphthalene				2.9E-15	1.3E-13	8.4E-08	3.6E-06	1.0E-08	1.2E-06	1.4E-16	1.4E-14
2,6-Dimethylnaphthalene				7.9E-15	3.4E-13	2.2E-07	9.3E-06	2.8E-08	3.1E-06	3.9E-16	3.6E-14
2-Methylnaphthalene		9.9E-18	2.0E-16	9.0E-18	3.7E-16	1.4E-06	5.7E-05	1.7E-07	1.9E-05	1.0E-14	9.3E-13
Acenaphthylene				2.6E-14	1.1E-12	8.1E-07	3.4E-05	1.0E-07	1.1E-05	1.3E-15	1.2E-13
Acenaphthene	1.5E-16					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Anthracene	1.8E-15					2.6E-07	1.1E-05	3.2E-08	3.7E-06		
Benzo(a)anthracene	2.6E-13	9.5E-10	1.6E-12	8.6E-10	2.9E-12	1.3E-07	5.5E-06	1.6E-08	1.8E-06	1.3E-08	9.5E-11
Benzo(a)pyrene	1.3E-13	1.1E-09	6.8E-13	1.0E-09	1.2E-12	5.0E-08	2.1E-06	6.3E-09	7.0E-07	4.9E-11	1.3E-13
Benzo(b)fluoranthene	3.6E-14	2.0E-09	3.6E-14	1.8E-09	6.6E-14	5.6E-08	2.3E-06	7.0E-09	7.6E-07	8.9E-11	7.2E-15
Benzo(e)pyrene				1.5E-15	5.7E-14	4.3E-08	1.8E-06	5.4E-09	5.8E-07	7.2E-17	6.2E-15
Benzo(g,h,i)perylene				1.1E-15	4.4E-14	3.3E-08	1.4E-06	4.1E-09	4.5E-07	5.3E-17	4.7E-15
Benzo(k)fluoranthene	2.6E-16	1.5E-09	1.8E-14	1.4E-09	3.3E-14	5.0E-10	8.9E-09	6.2E-11	3.0E-09	6.7E-11	3.5E-15
Biphenyl				1.4E-16	6.0E-15	4.8E-06	2.0E-04	6.0E-07	6.7E-05	8.4E-14	7.7E-12

Table H-129 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	4.5E-14	1.2E-09	1.8E-12	1.1E-09	3.3E-12	2.2E-07	9.1E-06	2.7E-08	3.0E-06	5.2E-11	3.5E-13
Dibenze(a,h)anthracene	6.4E-15	1.1E-14	2.3E-13	1.0E-14	4.1E-13	8.0E-09	3.3E-07	9.9E-10	1.1E-07	5.0E-16	4.4E-14
Fluoranthene	1.2E-14	2.6E-15	5.2E-14	2.3E-15	9.6E-14	3.2E-07	1.3E-05	4.0E-08	4.4E-06	1.1E-16	1.0E-14
Fluorene	2.6E-15					8.0E-07	3.4E-05	1.0E-07	1.1E-05		
Indeno(1,2,3-cd)pyrene	1.6E-14	4.8E-10	6.5E-13	4.4E-10	1.2E-12	2.6E-08	1.1E-06	3.3E-09	3.6E-07	2.2E-11	1.3E-13
Napthalene	1.2E-15					6.4E-06	2.7E-04	8.0E-07	8.8E-05		
Perylene				5.6E-16	2.6E-14	2.0E-08	8.7E-07	2.5E-09	2.9E-07	2.8E-17	2.8E-15
Phenanthrene	1.3E-14					1.5E-06	6.2E-05	1.9E-07	2.1E-05		
Pyrene	8.7E-15	7.1E-15	1.5E-13	6.5E-15	2.7E-13	3.1E-07	1.3E-05	3.9E-08	4.3E-06	1.8E-13	1.6E-11
Particulate											
Particulate Total Suspended Particulate				1.3E-10	5.2E-09	1.0E-03	3.9E-02	1.3E-04	1.3E-02	6.3E-12	5.6E-10
PM<10				1.6E-10	6.8E-09	1.3E-03	5.2E-02	1.7E-04	1.7E-02	8.0E-12	7.3E-10
PM<2.5				1.4E-10	5.7E-09	1.1E-03	4.5E-02	1.4E-04	1.5E-02	6.7E-12	6.2E-10
PCBs											
Dichlorobiphenyl	2.6E-16	1.5E-17	3.0E-16	1.3E-17	5.1E-16	4.0E-09	1.6E-07	5.0E-10	5.4E-08	1.2E-15	1.0E-13
Heptachlorobiphenyl	9.8E-18	1.7E-18	3.3E-17	1.5E-18	5.7E-17	5.4E-11	2.2E-09	6.8E-12	7.3E-10	7.4E-17	6.3E-15
Hexachlorobiphenyl	4.0E-17	7.8E-18	1.4E-16	6.6E-18	2.4E-16	2.3E-10	8.9E-09	2.9E-11	3.0E-09	3.4E-16	2.7E-14
Monochlorobiphenyl	1.8E-15	1.1E-16	2.1E-15	8.9E-17	3.5E-15	2.8E-08	1.1E-06	3.5E-09	3.8E-07	8.3E-15	7.3E-13
Nonachlorobiphenyl	1.2E-18	3.1E-19	4.8E-18	2.6E-19	8.0E-18	7.7E-12	2.7E-10	9.6E-13	9.1E-11	1.3E-17	9.0E-16
Octachlorobiphenyl	2.9E-18	5.6E-19	1.0E-17	4.7E-19	1.7E-17	1.7E-11	6.5E-10	2.1E-12	2.2E-10	2.4E-17	1.9E-15
Pentachlorobiphenyl	1.3E-16	2.8E-17	4.8E-16	2.4E-17	8.2E-16	7.8E-10	3.0E-08	9.8E-11	9.9E-09	1.2E-15	9.1E-14
Tetrachlorobiphenyl	7.7E-17	5.8E-18	9.8E-17	4.9E-18	1.7E-16	1.3E-09	4.8E-08	1.6E-10	1.6E-08	4.6E-16	3.4E-14
Trichlorobiphenyl	1.0E-16	7.0E-18	1.2E-16	5.9E-18	2.1E-16	1.6E-09	6.3E-08	2.0E-10	2.1E-08	5.5E-16	4.3E-14
Pesticides											

Table H-129 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chlordecone (Kepone)		5.4E-08		6.4E-08						3.1E-09	
DDE				8.8E-09						2.8E-07	
SVOCs											
1,2,4-trichlorobenzene						1.2E-08	3.7E-07	1.4E-09	1.2E-07		
1,2-dichlorobenzene	1.2E-19					4.7E-09	8.3E-08	5.8E-10	2.8E-08		
1,3-Butadiene						9.3E-04					
1,3-dichlorobenzene	3.0E-19					7.0E-09	2.4E-07	8.7E-10	7.9E-08		
1,4-dichlorobenzene	4.0E-18					6.5E-08	2.9E-06	8.1E-09	9.7E-07		
2,4-Dimethylphenol	1.1E-16					1.0E-06	4.1E-05	1.3E-07	1.4E-05		
2-Chlorophenol	5.5E-18					2.0E-07	8.8E-06	2.5E-08	2.9E-06		
2-Methylphenol	2.3E-15					2.4E-06	1.0E-04	3.0E-07	3.3E-05		
2-Nitrophenol	1.4E-17					3.2E-07	1.3E-05	4.0E-08	4.5E-06		
3-Methylphenol & 4-Methylphenol				1.6E-13	6.5E-12	4.3E-06	1.8E-04	5.4E-07	6.0E-05	7.7E-15	7.1E-13
4-Nitrophenol	2.8E-17					5.4E-07	2.1E-05	6.7E-08	6.9E-06		
Acetophenone	1.7E-16					5.1E-06	2.1E-04	6.4E-07	7.0E-05		
Benzoic acid	6.8E-16					2.3E-05	9.6E-04	2.9E-06	3.2E-04		
Benzyl alcohol	4.2E-19					1.9E-07	5.8E-06	2.4E-08	1.9E-06		
bis(2-Ethylhexyl) phthalate	2.1E-14	2.9E-13	5.2E-12	3.4E-13	1.2E-11	8.1E-06	3.2E-04	1.0E-06	1.1E-04	1.7E-14	1.3E-12
Butyl benzyl phthalate	7.5E-15	1.4E-16	2.8E-15	1.6E-16	6.7E-15	2.6E-07	1.1E-05	3.2E-08	3.5E-06	8.1E-18	7.3E-16
Carbazole				6.0E-16	1.1E-14	7.2E-09	1.3E-07	9.0E-10	4.3E-08	2.9E-17	1.2E-15
Dibenzofuran		6.2E-18	1.2E-16	2.4E-17	9.7E-16	4.1E-07	1.7E-05	5.1E-08	5.6E-06	1.0E-14	9.1E-13
Dimethyl phthalate	2.8E-18					1.4E-08	2.5E-07	1.8E-09	8.5E-08		
Di-n-butyl phthalate	7.2E-14	1.4E-16	2.9E-15	1.6E-16	6.8E-15	3.9E-07	1.6E-05	4.9E-08	5.4E-06	8.1E-18	7.3E-16
Di-n-octyl phthalate	5.4E-19	4.0E-16	3.7E-15	4.7E-16	8.8E-15	2.8E-08	4.9E-07	3.4E-09	1.6E-07	2.3E-17	9.5E-16

Table H-129 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Aerosols Outdoors at CJ (ug/m3)	Inhalation of Particulate/Aerosols Outdoors at Home (ug/m3)
Hexachlorobutadiene	2.9E-16					1.9E-06	3.4E-05	2.4E-07	1.1E-05		
Isopropanol						1.5E-02					
Phenol	6.3E-15					1.3E-05	5.3E-04	1.6E-06	1.8E-04		
Pyridine	3.3E-16					1.2E-06	5.1E-05	1.5E-07	1.7E-05		
TRS											
Total Reduced Sulfur						1.2E-05	5.4E-04	1.6E-06	1.8E-04		
VOCs											
1,1,1,2-Tetrachloroethane	1.2E-19					5.8E-09	2.0E-07	7.2E-10	6.5E-08		
1,1,1-Trichloroethane	7.5E-21					5.7E-09	2.1E-07	7.1E-10	7.1E-08		
1,1-Dichloroethene	2.6E-22					1.1E-09	2.0E-08	1.4E-10	6.6E-09		
1,2,3-Trichlorobenzene	8.0E-18					2.3E-08	8.5E-07	2.9E-09	2.8E-07		
1,2,3-Trichloropropane	4.6E-20					4.6E-09	8.3E-08	5.8E-10	2.8E-08		
1,2,4-Trimethylbenzene						2.7E-07	8.5E-06	3.3E-08	2.8E-06		
1,2-Dibromoethane	1.6E-20					3.0E-09	5.3E-08	3.7E-10	1.8E-08		
1,2-Dichloroethane	5.0E-19					1.2E-07	4.5E-06	4.3E-05	1.5E-06		
1,3,5-Trimethylbenzene	2.6E-18					2.5E-07	7.5E-06	3.1E-08	2.5E-06		
1,3-Dichloropropane						2.9E-09	5.1E-08	3.6E-10	1.7E-08		
2-Butanone	1.0E-16					1.4E-06	5.6E-05	1.8E-07	1.9E-05		
2-Chlorotoluene						6.3E-08	2.6E-06	7.9E-09	8.7E-07		
2-Hexanone						2.9E-07	1.1E-05	3.6E-08	3.5E-06		
Benzene	8.5E-17					3.6E-03	1.5E-03	4.2E-04	4.9E-04		
Bromobenzene						1.6E-06	2.8E-05	2.0E-07	9.5E-06		
Bromochloromethane						3.8E-09	6.7E-08	4.7E-10	2.2E-08		
Bromodichloromethane	1.3E-20					4.1E-09	7.3E-08	5.1E-10	2.4E-08		

Table H-129 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromomethane	5.7E-20					1.6E-07	4.9E-06	2.0E-08	1.6E-06		
Carbon disulfide	5.4E-20					1.4E-07	4.2E-06	1.8E-08	1.4E-06		
Carbon tetrachloride	5.8E-21					6.4E-03	1.7E-07	6.6E-04	5.6E-08		
Chlorobenzene	2.0E-18					2.1E-07	7.4E-06	2.6E-08	2.5E-06		
Chlorodibromomethane	7.8E-19					1.0E-07	1.8E-06	1.3E-08	6.0E-07		
Chloroethane	1.6E-19					3.9E-07	1.4E-05	4.9E-08	4.5E-06		
Chloroform	1.2E-19					9.3E-04	1.6E-06	1.0E-04	5.5E-07		
Chloromethane	4.2E-19					1.3E-06	4.0E-05	1.7E-07	1.3E-05		
cis-1,2-Dichloroethene	1.6E-19					1.7E-07	3.0E-06	2.1E-08	1.0E-06		
cis-1,3-Dichloropropene						1.0E-09	1.9E-08	1.3E-10	6.2E-09		
Dibromomethane	1.8E-20					8.7E-09	1.6E-07	1.1E-09	5.2E-08		
Dichlorodifluoromethane	2.0E-22					1.1E-08	1.9E-07	1.3E-09	6.3E-08		
Ethylbenzene	6.4E-17					1.2E-03	3.2E-04	1.0E-06	1.1E-04		
Isopropylbenzene	8.4E-20					6.8E-07	2.3E-05	8.4E-08	7.7E-06		
m&p-Xylene	1.0E-17					1.6E-06	5.3E-05	2.0E-07	1.8E-05		
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19					1.5E-08	2.7E-07	1.9E-09	9.1E-08		
Methylene chloride	1.1E-18					7.7E-07	2.8E-05	9.7E-08	9.5E-06		
n-Butylbenzene						3.3E-07	9.9E-06	4.2E-08	3.3E-06		
n-Propylbenzene						4.0E-07	1.3E-05	5.0E-08	4.4E-06		
o-Xylene	1.2E-17					9.8E-07	3.3E-05	1.2E-07	1.1E-05		
p-Chlorotoluene						2.4E-08	7.2E-07	3.0E-09	2.4E-07		
p-Isopropyltoluene						1.6E-07	3.9E-06	2.1E-08	1.3E-06		
sec-Butylbenzene						6.1E-08	1.9E-06	7.6E-09	6.2E-07		
Styrene	4.0E-16					2.2E-05	8.0E-04	2.7E-06	2.7E-04		

Table H-129 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						2.0E-06	3.5E-05	2.4E-07	1.2E-05		
Tetrachloroethene	2.8E-20					5.2E-09	1.8E-07	6.5E-10	6.0E-08		
Toluene	6.7E-17					1.4E-05	5.3E-04	1.7E-06	1.8E-04		
trans-1,2-Dichloroethene	2.5E-18					3.6E-06	6.5E-05	4.5E-07	2.2E-05		
trans-1,3-Dichloropropene						1.8E-09	3.2E-08	2.3E-10	1.1E-08		
Trichloroethene	2.9E-22					3.1E-10	5.6E-09	3.9E-11	1.9E-09		
Trichlorofluoromethane	4.5E-22					3.7E-09	6.7E-08	4.7E-10	2.2E-08		
Vinyl chloride	2.1E-20					2.1E-07	5.2E-06	2.7E-08	1.7E-06		

Table H-130 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	3.0E-05	1.0E-07	9.9E-06		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	5.2E-05	1.8E-07	1.7E-05		
Formaldehyde	4.5E-13					3.2E-03	2.0E-05	7.7E-08	6.8E-06		
Propionaldehyde				2.2E-15	7.2E-14	1.6E-07	5.8E-06	2.0E-08	1.9E-06	1.7E-14	1.2E-12
CO											
Carbon monoxide						4.5E-05	1.7E-03	5.6E-06	5.6E-04		
CO2											
Carbon dioxide						1.4E-06	5.0E-05	1.8E-07	1.7E-05		
Criteria											
Sulfur Dioxide						3.8E-07	1.2E-05	4.7E-08	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	2.6E-14	5.5E-15	2.1E-13	8.5E-13	3.4E-11	1.1E-13	1.1E-11	2.7E-19	2.2E-17
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.6E-14	5.5E-15	2.1E-13	8.6E-13	3.4E-11	1.1E-13	1.1E-11	2.7E-19	2.2E-17
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	3.1E-15	6.4E-16	2.5E-14	1.1E-13	4.4E-12	1.4E-14	1.5E-12	3.1E-20	2.7E-18
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	3.0E-15	6.2E-16	2.4E-14	1.0E-13	4.1E-12	1.3E-14	1.4E-12	3.1E-20	2.6E-18
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	2.4E-14	4.9E-15	1.9E-13	8.3E-13	3.3E-11	1.0E-13	1.1E-11	2.4E-19	2.1E-17
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	6.2E-15	1.3E-15	4.9E-14	2.1E-13	8.7E-12	2.7E-14	2.9E-12	6.2E-20	5.3E-18
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	8.0E-15	1.6E-15	6.3E-14	2.7E-13	1.1E-11	3.4E-14	3.6E-12	7.9E-20	6.8E-18
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	9.8E-15	2.0E-15	7.7E-14	3.2E-13	1.3E-11	4.1E-14	4.4E-12	9.8E-20	8.3E-18
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	5.8E-16	1.2E-16	4.5E-15	2.1E-14	8.4E-13	2.6E-15	2.8E-13	5.7E-21	4.9E-19
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	3.5E-15	7.0E-16	2.8E-14	1.3E-13	5.3E-12	1.6E-14	1.8E-12	3.5E-20	3.0E-18
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	4.1E-15	8.3E-16	3.3E-14	1.8E-13	7.5E-12	2.3E-14	2.5E-12	4.0E-20	3.5E-18

Table H-130 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	1.2E-14	2.5E-15	9.5E-14	4.2E-13	1.7E-11	5.2E-14	5.6E-12	1.2E-19	1.0E-17
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	9.9E-15	2.0E-15	7.8E-14	4.1E-13	1.7E-11	5.2E-14	5.6E-12	9.7E-20	8.4E-18
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.2E-16	1.4E-16	4.1E-15	5.2E-14	1.7E-12	6.5E-15	5.8E-13	4.9E-18	3.1E-16
2,3,7,8-TCDF	8.0E-18	6.6E-17	1.3E-15	2.6E-16	1.0E-14	1.9E-13	7.8E-12	2.4E-14	2.6E-12	1.3E-20	1.1E-18
OCDD	1.8E-20	9.4E-16	1.7E-14	3.7E-15	1.4E-13	5.6E-13	2.2E-11	7.0E-14	7.4E-12	1.8E-19	1.5E-17
OCDF	6.7E-21	3.6E-16	6.5E-15	1.4E-15	5.1E-14	2.1E-13	8.2E-12	2.6E-14	2.7E-12	7.0E-20	5.5E-18
HCN											
Hydrogen cyanide						1.6E-07	6.2E-06	2.0E-08	2.1E-06		
Metals											
Aluminum				1.0E-02						5.0E-07	
Antimony	1.6E-17			3.8E-07		1.0E-08	2.6E-07	1.3E-09	8.6E-08	1.8E-11	
Arsenic	8.1E-16	3.6E-07	4.8E-17	8.5E-07	2.3E-16	5.9E-10	2.1E-08	7.4E-11	7.0E-09	6.9E-11	4.1E-20
Barium	2.3E-12			3.1E-09	1.1E-07	1.3E-07	3.4E-06	1.6E-08	1.1E-06	1.5E-13	1.2E-11
Beryllium	3.3E-17			1.0E-15	3.9E-14	4.3E-11	1.5E-09	5.4E-12	4.8E-10	5.1E-20	4.3E-18
Cadmium	8.3E-15			8.2E-16	3.1E-14	7.6E-10	2.6E-08	9.5E-11	8.8E-09	4.0E-20	3.4E-18
Chromium	2.6E-15			8.3E-11	3.2E-09	6.5E-09	2.3E-07	8.1E-10	7.7E-08	4.1E-15	3.5E-13
Cobalt				2.6E-05	1.0E-08	9.8E-09	1.8E-07	1.2E-09	6.0E-08	1.3E-09	1.1E-12
Copper				3.4E-10	1.3E-08	1.8E-08	6.1E-07	2.2E-09	2.0E-07	1.6E-14	1.4E-12
Iron				2.3E-02						1.1E-06	
Lead	6.9E-18			1.1E-04	3.8E-12	6.0E-09	2.0E-07	7.5E-10	6.5E-08	5.2E-09	4.1E-16
Manganese				8.0E-13	3.1E-11	5.5E-09	1.9E-07	6.8E-10	6.3E-08	3.9E-17	3.3E-15
Mercury (+2)				3.4E-14	1.1E-12	2.4E-11	8.3E-10	2.9E-12	2.8E-10	1.7E-18	1.1E-16
Mercury, elemental				1.7E-06		9.8E-14	3.5E-12	1.2E-14	1.2E-12	3.3E-06	
Methyl Mercury	8.7E-15			2.0E-15	7.9E-14					1.0E-19	8.5E-18

Table H-130 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	1.6E-13	3.5E-09	1.2E-07	4.3E-10	4.0E-08	2.7E-08	1.7E-17
Phosphorus				7.5E-15	2.8E-13	2.6E-08	8.6E-07	3.3E-09	2.9E-07	7.2E-14	5.9E-12
Selenium	2.8E-16			4.0E-17	1.6E-15	1.7E-10	6.1E-09	2.2E-11	2.0E-09	2.0E-21	1.7E-19
Silver	2.1E-16			8.4E-13	3.1E-11	1.1E-10	3.7E-09	1.4E-11	1.2E-09	4.1E-17	3.4E-15
Titanium				8.0E-15	3.2E-13	6.1E-11	2.3E-09	7.6E-12	7.6E-10	3.9E-19	3.5E-17
Zinc	4.1E-12			1.8E-13	6.5E-12	1.4E-07	3.9E-06	1.7E-08	1.3E-06	9.0E-18	7.0E-16
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	5.2E-05	2.0E-07	1.7E-05		
PAHs											
1-Methylnaphthalene		2.4E-16	4.9E-15	2.2E-16	8.9E-15	3.3E-08	1.4E-06	4.1E-09	4.6E-07	2.5E-16	2.2E-14
1-Methylphenanthrene				1.5E-13	6.0E-12	3.9E-09	1.7E-07	4.9E-10	5.5E-08	7.1E-18	6.5E-16
2,3,5-Trimethylnaphthalene				6.8E-14	3.0E-12	1.9E-09	8.4E-08	2.4E-10	2.8E-08	3.3E-18	3.2E-16
2,6-Dimethylnaphthalene				1.9E-13	7.9E-12	5.1E-09	2.2E-07	6.4E-10	7.3E-08	9.1E-18	8.5E-16
2-Methylnaphthalene		2.3E-16	4.7E-15	2.1E-16	8.6E-15	3.2E-08	1.3E-06	4.0E-09	4.4E-07	2.4E-16	2.2E-14
Acenaphthylene				6.0E-13	2.5E-11	1.9E-08	8.0E-07	2.4E-09	2.7E-07	2.9E-17	2.7E-15
Acenaphthene	3.4E-15					3.5E-09	1.4E-07	4.3E-10	4.8E-08		
Anthracene	4.3E-14					6.1E-09	2.6E-07	7.6E-10	8.6E-08		
Benzo(a)anthracene	6.2E-12	2.2E-08	4.4E-11	2.0E-08	8.0E-11	3.0E-09	1.3E-07	3.7E-10	4.3E-08	3.0E-10	2.7E-12
Benzo(a)pyrene	3.1E-12	2.6E-08	1.8E-11	2.4E-08	3.3E-11	1.2E-09	4.9E-08	1.5E-10	1.6E-08	1.2E-12	3.6E-15
Benzo(b)fluoranthene	8.3E-13	4.7E-08	1.0E-12	4.2E-08	1.8E-12	1.3E-09	5.3E-08	1.6E-10	1.8E-08	2.1E-12	2.0E-16
Benzo(e)pyrene				3.4E-14	1.3E-12	1.0E-09	4.1E-08	1.3E-10	1.4E-08	1.7E-18	1.4E-16
Benzo(g,h,i)perylene				2.5E-14	1.0E-12	7.7E-10	3.2E-08	9.6E-11	1.1E-08	1.2E-18	1.1E-16
Benzo(k)fluoranthene	7.4E-15	3.5E-08	6.4E-13	3.2E-08	1.2E-12	1.2E-11	2.1E-10	1.5E-12	6.9E-11	1.6E-12	1.3E-16
Biphenyl				3.3E-15	1.4E-13	1.1E-07	4.7E-06	1.4E-08	1.6E-06	2.0E-15	1.8E-13

Table H-130 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	1.1E-12	2.7E-08	5.5E-11	2.5E-08	9.9E-11	5.1E-09	2.1E-07	6.4E-10	7.1E-08	1.2E-12	1.1E-14
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	6.7E-12	3.1E-13	1.2E-11	1.9E-10	7.6E-09	2.3E-11	2.5E-09	1.5E-17	1.3E-15
Fluoranthene	2.8E-13	6.7E-14	1.4E-12	6.1E-14	2.5E-12	7.5E-09	3.1E-07	9.4E-10	1.0E-07	3.0E-18	2.7E-16
Fluorene	6.1E-14					1.9E-08	7.9E-07	2.3E-09	2.6E-07		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.1E-08	1.8E-11	1.0E-08	3.3E-11	6.2E-10	2.5E-08	7.7E-11	8.5E-09	5.0E-13	3.6E-15
Napthalene	2.8E-14					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Perylene				1.3E-14	6.2E-13	4.6E-10	2.0E-08	5.8E-11	6.8E-09	6.5E-19	6.6E-17
Phenanthrene	2.9E-13					3.5E-08	1.5E-06	4.4E-09	4.8E-07		
Pyrene	2.0E-13	2.5E-13	5.1E-12	2.3E-13	9.3E-12	7.3E-09	3.0E-07	9.1E-10	1.0E-07	6.4E-15	5.8E-13
Particulate											
Particulate Total Suspended Particulate				3.0E-09	1.2E-07	2.3E-05	9.0E-04	2.9E-06	3.0E-04	1.5E-13	1.3E-11
PM<10				3.8E-09	1.6E-07	3.1E-05	1.2E-03	3.9E-06	4.0E-04	1.9E-13	1.7E-11
PM<2.5				3.2E-09	1.3E-07	2.6E-05	1.0E-03	3.3E-06	3.5E-04	1.6E-13	1.4E-11
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	1.3E-14	5.5E-16	2.2E-14	9.3E-11	3.8E-09	1.2E-11	1.3E-09	5.1E-17	4.5E-15
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.4E-15	6.3E-17	2.4E-15	1.3E-12	5.1E-11	1.6E-13	1.7E-11	3.2E-18	2.7E-16
Hexachlorobiphenyl	9.3E-16	3.4E-16	6.1E-15	2.9E-16	1.0E-14	5.3E-12	2.1E-10	6.7E-13	6.9E-11	1.5E-17	1.1E-15
Monochlorobiphenyl	4.3E-14	4.5E-15	9.0E-14	3.8E-15	1.5E-13	6.5E-10	2.7E-08	8.1E-11	8.9E-09	3.5E-16	3.1E-14
Nonachlorobiphenyl	2.9E-17	1.3E-17	2.1E-16	1.1E-17	3.5E-16	1.8E-13	6.4E-12	2.2E-14	2.1E-12	5.7E-19	3.9E-17
Octachlorobiphenyl	6.8E-17	2.4E-17	4.4E-16	2.0E-17	7.5E-16	3.9E-13	1.5E-11	4.9E-14	5.1E-12	1.0E-18	8.4E-17
Pentachlorobiphenyl	3.1E-15	1.2E-15	2.1E-14	1.0E-15	3.5E-14	1.8E-11	6.9E-10	2.3E-12	2.3E-10	5.2E-17	3.9E-15
Tetrachlorobiphenyl	1.8E-15	2.5E-16	4.2E-15	2.1E-16	7.1E-15	3.0E-11	1.1E-09	3.8E-12	3.8E-10	2.0E-17	1.5E-15
Trichlorobiphenyl	2.4E-15	3.0E-16	5.3E-15	2.5E-16	9.0E-15	3.8E-11	1.5E-09	4.8E-12	4.9E-10	2.3E-17	1.8E-15
Pesticides											

Table H-130 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chlordecone (Kepone)		1.3E-06		1.5E-06						7.3E-11	
DDE				2.1E-07						6.5E-09	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	8.7E-09	3.4E-11	2.9E-09		
1,2-dichlorobenzene	2.8E-18					1.1E-10	1.9E-09	1.4E-11	6.5E-10		
1,3-Butadiene						2.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	5.5E-09	2.0E-11	1.8E-09		
1,4-dichlorobenzene	9.2E-17					1.5E-09	6.8E-08	1.9E-10	2.3E-08		
2,4-Dimethylphenol	2.5E-15					2.4E-08	9.5E-07	3.0E-09	3.2E-07		
2-Chlorophenol	1.3E-16					4.7E-09	2.1E-07	5.9E-10	6.9E-08		
2-Methylphenol	5.3E-14					5.6E-08	2.3E-06	7.0E-09	7.8E-07		
2-Nitrophenol	3.2E-16					7.6E-09	3.1E-07	9.4E-10	1.0E-07		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.5E-10	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.8E-16	1.7E-14
4-Nitrophenol	6.5E-16					1.3E-08	4.8E-07	1.6E-09	1.6E-07		
Acetophenone	3.9E-15					1.2E-07	4.9E-06	1.5E-08	1.6E-06		
Benzoic acid	1.6E-14					5.4E-07	2.2E-05	6.7E-08	7.5E-06		
Benzyl alcohol	9.8E-18					4.5E-09	1.4E-07	5.6E-10	4.5E-08		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	1.2E-10	8.0E-12	2.9E-10	1.9E-07	7.4E-06	2.4E-08	2.5E-06	3.9E-16	3.1E-14
Butyl benzyl phthalate	1.8E-13	3.3E-15	6.6E-14	3.8E-15	1.6E-13	6.0E-09	2.5E-07	7.5E-10	8.3E-08	1.9E-19	1.7E-17
Carbazole				1.4E-14	2.6E-13	1.7E-10	3.0E-09	2.1E-11	1.0E-09	6.9E-19	2.8E-17
Dibenzofuran		1.4E-16	2.9E-15	5.7E-16	2.3E-14	9.5E-09	3.9E-07	1.2E-09	1.3E-07	2.4E-16	2.1E-14
Dimethyl phthalate	6.5E-17					3.3E-10	5.9E-09	4.2E-11	2.0E-09		
Di-n-butyl phthalate	1.7E-12	3.3E-15	6.7E-14	3.9E-15	1.6E-13	9.2E-09	3.8E-07	1.1E-09	1.3E-07	1.9E-19	1.7E-17
Di-n-octyl phthalate	1.3E-17	9.4E-15	8.7E-14	1.1E-14	2.1E-13	6.4E-10	1.1E-08	8.0E-11	3.8E-09	5.5E-19	2.2E-17

Table H-130 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	7.9E-07	5.5E-09	2.6E-07		
Isopropanol						3.4E-04					
Phenol	1.5E-13					3.0E-07	1.2E-05	3.8E-08	4.2E-06		
Pyridine	7.7E-15					2.9E-08	1.2E-06	3.6E-09	4.0E-07		
TRS											
Total Reduced Sulfur						2.9E-07	1.3E-05	3.6E-08	4.2E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	4.6E-09	1.7E-11	1.5E-09		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	5.0E-09	1.7E-11	1.7E-09		
1,1-Dichloroethene	6.0E-21					2.6E-11	4.6E-10	3.2E-12	1.5E-10		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	2.0E-08	6.7E-11	6.6E-09		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	1.9E-09	1.4E-11	6.4E-10		
1,2,4-Trimethylbenzene						6.2E-09	2.0E-07	7.8E-10	6.6E-08		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.2E-09	8.6E-12	4.1E-10		
1,2-Dichloroethane	1.2E-17					2.8E-09	1.0E-07	1.0E-06	3.5E-08		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.7E-07	7.3E-10	5.8E-08		
1,3-Dichloropropane						6.7E-11	1.2E-09	8.4E-12	4.0E-10		
2-Butanone	2.4E-15					3.3E-08	1.3E-06	4.1E-09	4.4E-07		
2-Chlorotoluene						1.5E-09	6.1E-08	1.8E-10	2.0E-08		
2-Hexanone						6.8E-09	2.5E-07	8.4E-10	8.2E-08		
Benzene	2.0E-15					8.4E-05	3.4E-05	9.7E-06	1.1E-05		
Bromobenzene						3.7E-08	6.6E-07	4.7E-09	2.2E-07		
Bromochloromethane						8.8E-11	1.6E-09	1.1E-11	5.2E-10		
Bromodichloromethane	3.1E-19					9.5E-11	1.7E-09	1.2E-11	5.7E-10		

Table H-130 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	1.1E-07	4.8E-10	3.8E-08		
Carbon disulfide	1.3E-18					3.3E-09	9.8E-08	4.2E-10	3.3E-08		
Carbon tetrachloride	1.3E-19					1.5E-04	3.9E-09	1.5E-05	1.3E-09		
Chlorobenzene	4.7E-17					4.8E-09	1.7E-07	6.0E-10	5.7E-08		
Chlorodibromomethane	1.8E-17					2.4E-09	4.2E-08	3.0E-10	1.4E-08		
Chloroethane	3.7E-18					9.1E-09	3.2E-07	1.1E-09	1.1E-07		
Chloroform	2.8E-18					2.2E-05	3.8E-08	2.4E-06	1.3E-08		
Chloromethane	9.8E-18					3.1E-08	9.4E-07	3.9E-09	3.1E-07		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	7.1E-08	5.0E-10	2.4E-08		
cis-1,3-Dichloropropene						2.4E-11	4.3E-10	3.0E-12	1.4E-10		
Dibromomethane	4.2E-19					2.0E-10	3.6E-09	2.5E-11	1.2E-09		
Dichlorodifluoromethane	4.7E-21					2.5E-10	4.4E-09	3.1E-11	1.5E-09		
Ethylbenzene	1.5E-15					2.7E-05	7.4E-06	2.4E-08	2.5E-06		
Isopropylbenzene	2.0E-18					1.6E-08	5.4E-07	2.0E-09	1.8E-07		
m&p-Xylene	2.4E-16					3.6E-08	1.2E-06	4.6E-09	4.1E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	6.4E-09	4.5E-11	2.1E-09		
Methylene chloride	2.6E-17					1.8E-08	6.6E-07	2.3E-09	2.2E-07		
n-Butylbenzene						7.8E-09	2.3E-07	9.7E-10	7.7E-08		
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07		
o-Xylene	2.8E-16					2.3E-08	7.6E-07	2.9E-09	2.5E-07		
p-Chlorotoluene						5.5E-10	1.7E-08	6.9E-11	5.6E-09		
p-Isopropyltoluene						3.8E-09	9.2E-08	4.8E-10	3.1E-08		
sec-Butylbenzene						1.4E-09	4.3E-08	1.8E-10	1.4E-08		
Styrene	9.4E-15					5.1E-07	1.9E-05	6.4E-08	6.2E-06		

Table H-130 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Derma Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)
tert-Butylbenzene						4.6E-08	8.1E-07	5.7E-09	2.7E-07			
Tetrachloroethene	6.6E-19					1.2E-10	4.2E-09	1.5E-11	1.4E-09			
Toluene	1.6E-15					3.2E-07	1.2E-05	3.9E-08	4.1E-06			
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	1.5E-06	1.1E-08	5.0E-07			
trans-1,3-Dichloropropene						4.2E-11	7.5E-10	5.3E-12	2.5E-10			
Trichloroethene	6.8E-21					7.3E-12	1.3E-10	9.1E-13	4.3E-11			
Trichlorofluoromethane	1.0E-20					8.7E-11	1.6E-09	1.1E-11	5.2E-10			
Vinyl chloride	4.8E-19					5.0E-09	1.2E-07	6.2E-10	4.0E-08			

Table H-131 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			1.2E-03	1.5E-04	
Aldehydes					
Acetaldehyde			2.0E-03	2.5E-04	
Formaldehyde			7.7E-04	9.6E-05	
Propionaldehyde		2.2E-15	2.3E-04	2.8E-05	1.7E-11
CO					
Carbon monoxide			6.7E-02	8.3E-03	
CO2					
Carbon dioxide			2.0E-03	2.4E-04	
Criteria					
Sulfur Dioxide			4.6E-04	5.7E-05	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	9.5E-16	3.8E-15	1.4E-09	1.7E-10	1.8E-16
1,2,3,4,6,7,8-HpCDF	9.5E-16	3.7E-15	1.4E-09	1.7E-10	1.8E-16
1,2,3,4,7,8,9-HpCDF	1.2E-16	4.6E-16	1.8E-10	2.3E-11	2.3E-17
1,2,3,4,7,8-HxCDD	1.1E-16	4.4E-16	1.7E-10	2.1E-11	2.2E-17
1,2,3,4,7,8-HxCDF	8.9E-16	3.5E-15	1.4E-09	1.7E-10	1.7E-16
1,2,3,6,7,8-HxCDD	2.3E-16	9.1E-16	3.6E-10	4.5E-11	4.5E-17
1,2,3,6,7,8-HxCDF	3.0E-16	1.2E-15	4.5E-10	5.6E-11	5.7E-17
1,2,3,7,8,9-HxCDD	3.6E-16	1.4E-15	5.4E-10	6.8E-11	7.0E-17
1,2,3,7,8,9-HxCDF	2.1E-17	8.5E-17	3.5E-11	4.3E-12	4.1E-18

Table H-131 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	1.3E-16	5.1E-16	2.2E-10	2.7E-11	2.5E-17
1,2,3,7,8-PeCDF	1.5E-16	6.1E-16	3.1E-10	3.9E-11	3.0E-17
2,3,4,6,7,8-HxCDF	4.4E-16	1.7E-15	6.8E-10	8.5E-11	8.6E-17
2,3,4,7,8-PeCDF	3.7E-16	1.5E-15	7.0E-10	8.7E-11	7.1E-17
2,3,7,8-TCDD	1.7E-17	6.7E-17	6.6E-11	8.2E-12	2.3E-15
2,3,7,8-TCDF	5.0E-17	2.0E-16	3.3E-10	4.1E-11	9.6E-18
OCDD	6.3E-16	2.5E-15	9.1E-10	1.1E-10	1.2E-16
OCDF	2.3E-16	9.2E-16	3.3E-10	4.2E-11	4.5E-17
HCN					
Hydrogen cyanide			2.5E-04	3.1E-05	
Metals					
Antimony			8.1E-06	1.0E-06	
Arsenic	2.5E-18	6.0E-18	8.2E-07	1.0E-07	4.9E-19
Barium		1.3E-09	1.1E-04	1.4E-05	6.4E-11
Beryllium		9.9E-16	5.5E-08	6.9E-09	4.9E-17
Cadmium		8.1E-16	1.0E-06	1.3E-07	4.0E-17
Chromium		5.5E-11	9.1E-06	1.1E-06	2.7E-12
Cobalt		9.8E-11	4.1E-06	5.1E-07	4.8E-12
Copper		1.9E-10	2.3E-05	2.9E-06	9.2E-12
Lead		9.4E-14	7.4E-06	9.2E-07	4.6E-15
Manganese		7.8E-13	7.3E-06	9.1E-07	3.8E-14
Mercury (+2)		1.6E-14	3.2E-08	4.0E-09	8.0E-16

Table H-131 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Mercury, elemental			1.3E-10	1.7E-11	
Methyl Mercury		1.0E-15			5.0E-17
Nickel		4.0E-15	4.6E-06	5.8E-07	1.9E-16
Phosphorus		6.8E-15	3.2E-05	4.0E-06	6.5E-11
Selenium		4.0E-17	2.4E-07	3.0E-08	2.0E-18
Silver		5.9E-13	1.4E-07	1.8E-08	2.9E-14
Titanium		8.9E-15	9.1E-08	1.1E-08	4.4E-16
Zinc		1.4E-13	1.4E-04	1.7E-05	7.0E-15
NOx					
NOx (Oxides of Nitrogen)			2.0E-03	2.5E-04	
PAHs					
1-Methylnaphthalene	3.4E-16	3.1E-16	5.7E-05	7.1E-06	3.5E-13
1-Methylphenanthrene		2.1E-13	6.9E-06	8.6E-07	1.0E-14
2,3,5-Trimethylnaphthalene		1.1E-13	3.5E-06	4.4E-07	5.2E-15
2,6-Dimethylnaphthalene		2.8E-13	9.1E-06	1.1E-06	1.4E-14
2-Methylnaphthalene	3.3E-16	3.0E-16	5.5E-05	6.9E-06	3.5E-13
Acenaphthylene		8.9E-13	3.3E-05	4.2E-06	4.4E-14
Acenaphthene			6.0E-06	7.5E-07	
Anthracene			1.1E-05	1.3E-06	
Benzo(a)anthracene	2.7E-12	2.4E-12	5.5E-06	6.8E-07	3.6E-11
Benzo(a)pyrene	1.1E-12	1.0E-12	2.0E-06	2.6E-07	5.0E-14
Benzo(b)fluoranthene	5.8E-14	5.3E-14	2.2E-06	2.7E-07	2.6E-15

Table H-131 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(e)pyrene		4.6E-14	1.7E-06	2.1E-07	2.3E-15
Benzo(g,h,i)perylene		3.6E-14	1.3E-06	1.7E-07	1.7E-15
Benzo(k)fluoranthene	1.6E-14	1.4E-14	4.3E-09	5.4E-10	7.0E-16
Biphenyl		5.0E-15	2.0E-04	2.5E-05	2.9E-12
Chrysene	2.9E-12	2.7E-12	8.8E-06	1.1E-06	1.3E-13
Dibenze(a,h)anthracene	3.7E-13	3.3E-13	3.2E-07	4.0E-08	1.6E-14
Fluoranthene	8.6E-14	7.8E-14	1.3E-05	1.6E-06	3.8E-15
Fluorene			3.3E-05	4.1E-06	
Indeno(1,2,3-cd)pyrene	1.1E-12	9.6E-13	1.1E-06	1.3E-07	4.7E-14
Napthalene			2.6E-04	3.2E-05	
Perylene		2.2E-14	8.6E-07	1.1E-07	1.1E-15
Phenanthrene			6.0E-05	7.5E-06	
Pyrene	2.4E-13	2.2E-13	1.3E-05	1.6E-06	6.1E-12
Particulate					
Particulate Total Suspended Particulate		3.5E-09	3.6E-02	4.5E-03	1.7E-10
PM<10		4.6E-09	4.9E-02	6.1E-03	2.2E-10
PM<2.5		3.9E-09	4.3E-02	5.4E-03	1.9E-10
PCBs					
Dichlorobiphenyl	4.9E-16	4.1E-16	1.6E-07	2.0E-08	3.8E-14
Heptachlorobiphenyl	5.4E-17	4.5E-17	2.1E-09	2.6E-10	2.3E-15
Hexachlorobiphenyl	2.2E-16	1.8E-16	8.4E-09	1.1E-09	9.4E-15
Monochlorobiphenyl	3.4E-15	2.9E-15	1.1E-06	1.4E-07	2.7E-13

Table H-131 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Nonachlorobiphenyl	6.9E-18	5.8E-18	2.5E-10	3.1E-11	2.9E-16
Octachlorobiphenyl	1.6E-17	1.4E-17	6.2E-10	7.7E-11	6.9E-16
Pentachlorobiphenyl	7.3E-16	6.2E-16	2.8E-08	3.5E-09	3.1E-14
Tetrachlorobiphenyl	1.5E-16	1.2E-16	4.5E-08	5.6E-09	1.2E-14
Trichlorobiphenyl	1.9E-16	1.6E-16	6.0E-08	7.5E-09	1.5E-14
SVOCs					
1,2,4-trichlorobenzene			3.2E-07	4.0E-08	
1,2-dichlorobenzene			4.1E-08	5.2E-09	
1,3-dichlorobenzene			2.1E-07	2.6E-08	
1,4-dichlorobenzene			2.9E-06	3.6E-07	
2,4-Dimethylphenol			3.9E-05	4.9E-06	
2-Chlorophenol			8.7E-06	1.1E-06	
2-Methylphenol			9.8E-05	1.2E-05	
2-Nitrophenol			1.3E-05	1.6E-06	
3-Methylphenol & 4-Methylphenol		5.4E-12	1.8E-04	2.2E-05	2.6E-13
4-Nitrophenol			2.0E-05	2.4E-06	
Acetophenone			2.0E-04	2.5E-05	
Benzoic acid			9.4E-04	1.2E-04	
Benzyl alcohol			4.9E-06	6.1E-07	
bis(2-Ethylhexyl) phthalate	8.0E-12	9.5E-12	3.0E-04	3.8E-05	4.6E-13
Butyl benzyl phthalate	4.7E-15	5.5E-15	1.0E-05	1.3E-06	2.7E-16
Carbazole		4.9E-15	6.1E-08	7.7E-09	2.4E-16

Table H-131 (Lifetime Average Daily Dose)

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Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibenzofuran	2.0E-16	7.8E-16	1.6E-05	2.0E-06	3.4E-13
Dimethyl phthalate			1.3E-07	1.6E-08	
Di-n-butyl phthalate	4.7E-15	5.5E-15	1.6E-05	2.0E-06	2.7E-16
Di-n-octyl phthalate	3.3E-15	3.8E-15	2.4E-07	3.0E-08	1.9E-16
Hexachlorobutadiene			1.7E-05	2.1E-06	
Phenol			5.2E-04	6.5E-05	
Pyridine			4.9E-05	6.2E-06	
TRS					
Total Reduced Sulfur			5.4E-04	6.7E-05	
VOCs					
1,1,1,2-Tetrachloroethane			1.7E-07	2.2E-08	
1,1,1-Trichloroethane			2.0E-07	2.5E-08	
1,1-Dichloroethene			9.9E-09	1.2E-09	
1,2,3-Trichlorobenzene			7.9E-07	9.9E-08	
1,2,3-Trichloropropane			4.1E-08	5.2E-09	
1,2,4-Trimethylbenzene			7.3E-06	9.1E-07	
1,2-Dibromoethane			2.6E-08	3.3E-09	
1,2-Dichloroethane			4.2E-06	5.2E-07	
1,3,5-Trimethylbenzene			6.2E-06	7.7E-07	
1,3-Dichloropropane			2.6E-08	3.2E-09	
2-Butanone			5.4E-05	6.7E-06	
2-Chlorotoluene			2.5E-06	3.1E-07	

Table H-131 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Hexanone			9.7E-06	1.2E-06	
Benzene			1.4E-03	1.7E-04	
Bromobenzene			1.4E-05	1.8E-06	
Bromochloromethane			3.4E-08	4.2E-09	
Bromodichloromethane			3.6E-08	4.5E-09	
Bromomethane			4.1E-06	5.1E-07	
Carbon disulfide			3.4E-06	4.3E-07	
Carbon tetrachloride			8.3E-08	1.0E-08	
Chlorobenzene			6.7E-06	8.4E-07	
Chlorodibromomethane			9.0E-07	1.1E-07	
Chloroethane			1.2E-05	1.5E-06	
Chloroform			9.3E-07	1.2E-07	
Chloromethane			3.4E-05	4.2E-06	
cis-1,2-Dichloroethene			1.5E-06	1.9E-07	
cis-1,3-Dichloropropene			9.3E-09	1.2E-09	
Dibromomethane			7.7E-08	9.7E-09	
Dichlorodifluoromethane			9.5E-08	1.2E-08	
Ethylbenzene			3.0E-04	3.7E-05	
Isopropylbenzene			2.1E-05	2.6E-06	
m&p-Xylene			4.7E-05	5.9E-06	
Methyl Isobutyl Ketone (4-methyl-2-penta			1.4E-07	1.7E-08	
Methylene chloride			2.6E-05	3.3E-06	

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Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
n-Butylbenzene			8.2E-06	1.0E-06	
n-Propylbenzene			1.2E-05	1.4E-06	
o-Xylene			2.9E-05	3.6E-06	
p-Chlorotoluene			6.0E-07	7.5E-08	
p-Isopropyltoluene			2.8E-06	3.5E-07	
sec-Butylbenzene			1.6E-06	1.9E-07	
Styrene			7.4E-04	9.2E-05	
tert-Butylbenzene			1.7E-05	2.2E-06	
Tetrachloroethene			1.6E-07	2.0E-08	
Toluene			5.0E-04	6.3E-05	
trans-1,2-Dichloroethene			3.2E-05	4.0E-06	
trans-1,3-Dichloropropene			1.6E-08	2.0E-09	
Trichloroethene			2.8E-09	3.5E-10	
Trichlorofluoromethane			3.3E-08	4.2E-09	
Vinyl chloride			3.7E-06	4.6E-07	

Table H-132 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			2.7E-05	3.4E-06	
Aldehydes					
Acetaldehyde			4.7E-05	5.9E-06	
Formaldehyde			1.8E-05	2.2E-06	
Propionaldehyde		5.2E-14	5.3E-06	6.6E-07	3.9E-13
CO					
Carbon monoxide			1.6E-03	1.9E-04	
CO2					
Carbon dioxide			4.6E-05	5.7E-06	
Criteria					
Sulfur Dioxide			1.1E-05	1.3E-06	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	4.1E-14	1.6E-13	3.2E-11	4.0E-12	7.9E-18
1,2,3,4,6,7,8-HpCDF	4.1E-14	1.6E-13	3.2E-11	4.0E-12	7.9E-18
1,2,3,4,7,8,9-HpCDF	5.1E-15	2.0E-14	4.3E-12	5.3E-13	9.8E-19
1,2,3,4,7,8-HxCDD	4.9E-15	1.9E-14	3.9E-12	4.9E-13	9.4E-19
1,2,3,4,7,8-HxCDF	3.9E-14	1.5E-13	3.2E-11	4.0E-12	7.5E-18
1,2,3,6,7,8-HxCDD	1.0E-14	3.9E-14	8.3E-12	1.0E-12	1.9E-18
1,2,3,6,7,8-HxCDF	1.3E-14	5.1E-14	1.0E-11	1.3E-12	2.5E-18
1,2,3,7,8,9-HxCDD	1.6E-14	6.2E-14	1.3E-11	1.6E-12	3.0E-18
1,2,3,7,8,9-HxCDF	9.3E-16	3.7E-15	8.1E-13	1.0E-13	1.8E-19

Table H-132 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	5.6E-15	2.2E-14	5.1E-12	6.3E-13	1.1E-18
1,2,3,7,8-PeCDF	6.7E-15	2.6E-14	7.3E-12	9.1E-13	1.3E-18
2,3,4,6,7,8-HxCDF	1.9E-14	7.5E-14	1.6E-11	2.0E-12	3.7E-18
2,3,4,7,8-PeCDF	1.6E-14	6.3E-14	1.6E-11	2.0E-12	3.1E-18
2,3,7,8-TCDD	7.2E-16	2.8E-15	1.5E-12	1.9E-13	9.7E-17
2,3,7,8-TCDF	2.1E-15	8.5E-15	7.6E-12	9.5E-13	4.1E-19
OCDD	2.7E-14	1.1E-13	2.1E-11	2.6E-12	5.2E-18
OCDF	1.0E-14	4.0E-14	7.8E-12	9.7E-13	1.9E-18
HCN					
Hydrogen cyanide			5.8E-06	7.3E-07	
Metals					
Antimony			1.9E-07	2.4E-08	
Arsenic	5.9E-17	1.4E-16	1.9E-08	2.4E-09	1.1E-20
Barium		5.3E-08	2.7E-06	3.3E-07	2.6E-12
Beryllium		2.3E-14	1.3E-09	1.6E-10	1.1E-18
Cadmium		1.9E-14	2.4E-08	3.0E-09	9.3E-19
Chromium		2.0E-09	2.1E-07	2.7E-08	9.8E-14
Cobalt		4.0E-09	9.5E-08	1.2E-08	2.0E-13
Copper		7.6E-09	5.4E-07	6.8E-08	3.7E-13
Lead		2.2E-12	1.7E-07	2.1E-08	1.1E-16
Manganese		1.8E-11	1.7E-07	2.1E-08	9.0E-16
Mercury (+2)		7.6E-13	7.5E-10	9.4E-11	3.7E-17

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ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
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Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Mercury, elemental			3.1E-12	3.9E-13	
Methyl Mercury		4.8E-14			2.3E-18
Nickel		9.3E-14	1.1E-07	1.3E-08	4.5E-18
Phosphorus		1.6E-13	7.5E-07	9.4E-08	1.5E-12
Selenium		9.4E-16	5.5E-09	6.9E-10	4.6E-20
Silver		1.8E-11	3.3E-09	4.1E-10	8.8E-16
Titanium		2.1E-13	2.1E-09	2.7E-10	1.0E-17
Zinc		3.3E-12	3.2E-06	4.0E-07	1.6E-16
NOx					
NOx (Oxides of Nitrogen)			4.6E-05	5.8E-06	
PAHs					
1-Methylnaphthalene	8.0E-15	7.2E-15	1.3E-06	1.7E-07	8.2E-15
1-Methylphenanthrene		5.0E-12	1.6E-07	2.0E-08	2.4E-16
2,3,5-Trimethylnaphthalene		2.5E-12	8.2E-08	1.0E-08	1.2E-16
2,6-Dimethylnaphthalene		6.5E-12	2.1E-07	2.7E-08	3.2E-16
2-Methylnaphthalene	7.7E-15	7.0E-15	1.3E-06	1.6E-07	8.1E-15
Acenaphthylene		2.1E-11	7.8E-07	9.7E-08	1.0E-15
Acenaphthene			1.4E-07	1.8E-08	
Anthracene			2.5E-07	3.1E-08	
Benzo(a)anthracene	7.4E-11	6.7E-11	1.3E-07	1.6E-08	1.0E-12
Benzo(a)pyrene	3.0E-11	2.7E-11	4.8E-08	6.0E-09	1.3E-15
Benzo(b)fluoranthene	1.6E-12	1.5E-12	5.1E-08	6.3E-09	7.1E-17

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Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(e)pyrene		1.1E-12	3.9E-08	4.9E-09	5.3E-17
Benzo(g,h,i)perylene		8.3E-13	3.1E-08	3.9E-09	4.1E-17
Benzo(k)fluoranthene	5.6E-13	5.1E-13	1.0E-10	1.3E-11	2.5E-17
Biphenyl		1.2E-13	4.6E-06	5.7E-07	6.8E-14
Chrysene	8.9E-11	8.1E-11	2.1E-07	2.6E-08	4.0E-15
Dibenze(a,h)anthracene	1.1E-11	9.9E-12	7.4E-09	9.2E-10	4.9E-16
Fluoranthene	2.2E-12	2.0E-12	3.0E-07	3.8E-08	1.0E-16
Fluorene			7.7E-07	9.6E-08	
Indeno(1,2,3-cd)pyrene	3.0E-11	2.7E-11	2.5E-08	3.1E-09	1.3E-15
Napthalene			6.0E-06	7.5E-07	
Perylene		5.3E-13	2.0E-08	2.5E-09	2.6E-17
Phenanthrene			1.4E-06	1.8E-07	
Pyrene	8.4E-12	7.7E-12	3.0E-07	3.7E-08	2.1E-13
Particulate					
Particulate Total Suspended Particulate		8.1E-08	8.5E-04	1.1E-04	4.0E-12
PM<10		1.1E-07	1.1E-03	1.4E-04	5.3E-12
PM<2.5		9.2E-08	1.0E-03	1.3E-04	4.5E-12
PCBs					
Dichlorobiphenyl	2.1E-14	1.8E-14	3.7E-09	4.6E-10	1.6E-15
Heptachlorobiphenyl	2.3E-15	2.0E-15	4.9E-11	6.2E-12	9.9E-17
Hexachlorobiphenyl	9.4E-15	8.0E-15	2.0E-10	2.5E-11	4.0E-16
Monochlorobiphenyl	1.5E-13	1.2E-13	2.6E-08	3.2E-09	1.1E-14

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Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Nonachlorobiphenyl	3.0E-16	2.5E-16	5.8E-12	7.2E-13	1.3E-17
Octachlorobiphenyl	6.9E-16	5.8E-16	1.4E-11	1.8E-12	3.0E-17
Pentachlorobiphenyl	3.2E-14	2.7E-14	6.5E-10	8.1E-11	1.4E-15
Tetrachlorobiphenyl	6.3E-15	5.3E-15	1.1E-09	1.3E-10	5.0E-16
Trichlorobiphenyl	8.2E-15	6.9E-15	1.4E-09	1.7E-10	6.5E-16
SVOCs					
1,2,4-trichlorobenzene			7.5E-09	9.4E-10	
1,2-dichlorobenzene			9.7E-10	1.2E-10	
1,3-dichlorobenzene			4.9E-09	6.2E-10	
1,4-dichlorobenzene			6.8E-08	8.5E-09	
2,4-Dimethylphenol			9.1E-07	1.1E-07	
2-Chlorophenol			2.0E-07	2.5E-08	
2-Methylphenol			2.3E-06	2.9E-07	
2-Nitrophenol			3.0E-07	3.8E-08	
3-Methylphenol & 4-Methylphenol		1.3E-10	4.1E-06	5.1E-07	6.2E-15
4-Nitrophenol			4.6E-07	5.7E-08	
Acetophenone			4.7E-06	5.9E-07	
Benzoic acid			2.2E-05	2.7E-06	
Benzyl alcohol			1.1E-07	1.4E-08	
bis(2-Ethylhexyl) phthalate	1.9E-10	2.2E-10	7.0E-06	8.8E-07	1.1E-14
Butyl benzyl phthalate	1.1E-13	1.3E-13	2.4E-07	3.0E-08	6.3E-18
Carbazole		1.1E-13	1.4E-09	1.8E-10	5.6E-18

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Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibenzofuran	4.6E-15	1.8E-14	3.8E-07	4.8E-08	7.8E-15
Dimethyl phthalate			3.0E-09	3.7E-10	
Di-n-butyl phthalate	1.1E-13	1.3E-13	3.7E-07	4.6E-08	6.4E-18
Di-n-octyl phthalate	7.7E-14	9.0E-14	5.7E-09	7.1E-10	4.4E-18
Hexachlorobutadiene			3.9E-07	4.9E-08	
Phenol			1.2E-05	1.5E-06	
Pyridine			1.2E-06	1.4E-07	
TRS					
Total Reduced Sulfur			1.3E-05	1.6E-06	
VOCs					
1,1,1,2-Tetrachloroethane			4.1E-09	5.1E-10	
1,1,1-Trichloroethane			4.7E-09	5.8E-10	
1,1-Dichloroethene			2.3E-10	2.9E-11	
1,2,3-Trichlorobenzene			1.8E-08	2.3E-09	
1,2,3-Trichloropropane			9.6E-10	1.2E-10	
1,2,4-Trimethylbenzene			1.7E-07	2.1E-08	
1,2-Dibromoethane			6.1E-10	7.7E-11	
1,2-Dichloroethane			9.8E-08	1.2E-08	
1,3,5-Trimethylbenzene			1.4E-07	1.8E-08	
1,3-Dichloropropane			6.0E-10	7.4E-11	
2-Butanone			1.2E-06	1.6E-07	
2-Chlorotoluene			5.9E-08	7.3E-09	

Table H-132 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Hexanone			2.3E-07	2.8E-08	
Benzene			3.2E-05	4.0E-06	
Bromobenzene			3.3E-07	4.1E-08	
Bromochloromethane			7.8E-10	9.8E-11	
Bromodichloromethane			8.5E-10	1.1E-10	
Bromomethane			9.6E-08	1.2E-08	
Carbon disulfide			8.0E-08	1.0E-08	
Carbon tetrachloride			1.9E-09	2.4E-10	
Chlorobenzene			1.6E-07	2.0E-08	
Chlorodibromomethane			2.1E-08	2.6E-09	
Chloroethane			2.9E-07	3.6E-08	
Chloroform			2.2E-08	2.7E-09	
Chloromethane			7.9E-07	9.8E-08	
cis-1,2-Dichloroethene			3.5E-08	4.4E-09	
cis-1,3-Dichloropropene			2.2E-10	2.7E-11	
Dibromomethane			1.8E-09	2.3E-10	
Dichlorodifluoromethane			2.2E-09	2.8E-10	
Ethylbenzene			6.9E-06	8.6E-07	
Isopropylbenzene			4.8E-07	6.0E-08	
m&p-Xylene			1.1E-06	1.4E-07	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.2E-09	4.0E-10	
Methylene chloride			6.1E-07	7.7E-08	

Table H-132 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
n-Butylbenzene			1.9E-07	2.4E-08	
n-Propylbenzene			2.7E-07	3.4E-08	
o-Xylene			6.7E-07	8.4E-08	
p-Chlorotoluene			1.4E-08	1.7E-09	
p-Isopropyltoluene			6.5E-08	8.2E-09	
sec-Butylbenzene			3.6E-08	4.5E-09	
Styrene			1.7E-05	2.1E-06	
tert-Butylbenzene			4.1E-07	5.1E-08	
Tetrachloroethene			3.8E-09	4.8E-10	
Toluene			1.2E-05	1.5E-06	
trans-1,2-Dichloroethene			7.5E-07	9.4E-08	
trans-1,3-Dichloropropene			3.8E-10	4.7E-11	
Trichloroethene			6.4E-11	8.1E-12	
Trichlorofluoromethane			7.8E-10	9.7E-11	
Vinyl chloride			8.6E-08	1.1E-08	

Table H-133 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas						
Hydrogen Chloride				1.7E-03	5.8E-04	
Aldehydes						
Acetaldehyde	3.9E-15			3.0E-03	1.0E-03	
Formaldehyde	1.9E-14			1.2E-03	4.0E-04	
Propionaldehyde			3.1E-15	3.4E-04	1.1E-04	6.9E-11
CO						
Carbon monoxide				9.7E-02	3.2E-02	
CO2						
Carbon dioxide				2.9E-03	9.8E-04	
Criteria						
Sulfur Dioxide				7.1E-04	2.4E-04	
DIOXINS						
1,2,3,4,6,7,8-HpCDD	3.9E-20	6.0E-16	4.8E-15	2.0E-09	6.6E-10	7.0E-16
1,2,3,4,6,7,8-HpCDF	3.8E-20	6.0E-16	4.8E-15	2.0E-09	6.6E-10	7.0E-16
1,2,3,4,7,8,9-HpCDF	6.2E-21	7.3E-17	5.7E-16	2.6E-10	8.6E-11	8.5E-17
1,2,3,4,7,8-HxCDD	4.7E-20	7.1E-17	5.6E-16	2.4E-10	8.0E-11	8.2E-17
1,2,3,4,7,8-HxCDF	3.2E-19	5.6E-16	4.4E-15	2.0E-09	6.5E-10	6.5E-16
1,2,3,6,7,8-HxCDD	9.2E-20	1.4E-16	1.1E-15	5.1E-10	1.7E-10	1.7E-16
1,2,3,6,7,8-HxCDF	1.2E-19	1.9E-16	1.5E-15	6.4E-10	2.1E-10	2.1E-16
1,2,3,7,8,9-HxCDD	1.3E-19	2.3E-16	1.8E-15	7.7E-10	2.6E-10	2.6E-16
1,2,3,7,8,9-HxCDF	1.0E-20	1.3E-17	1.1E-16	4.9E-11	1.6E-11	1.5E-17

Table H-133 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	2.9E-19	8.1E-17	6.4E-16	3.1E-10	1.0E-10	9.4E-17
1,2,3,7,8-PeCDF	4.1E-19	9.6E-17	7.5E-16	4.4E-10	1.5E-10	1.1E-16
2,3,4,6,7,8-HxCDF	1.7E-19	2.8E-16	2.2E-15	9.7E-10	3.2E-10	3.2E-16
2,3,4,7,8-PeCDF	6.4E-19	2.3E-16	1.8E-15	9.8E-10	3.3E-10	2.7E-16
2,3,7,8-TCDD	1.0E-19	1.2E-17	9.7E-17	1.0E-10	3.4E-11	9.9E-15
2,3,7,8-TCDF	3.4E-19	3.1E-17	2.4E-16	4.6E-10	1.5E-10	3.6E-17
OCDD	5.2E-22	4.0E-16	3.2E-15	1.3E-09	4.3E-10	4.6E-16
OCDF	1.9E-22	1.5E-16	1.2E-15	4.8E-10	1.6E-10	1.7E-16
HCN						
Hydrogen cyanide				3.6E-04	1.2E-04	
Metals						
Antimony	6.7E-19			1.5E-05	5.0E-06	
Arsenic	3.5E-17	2.1E-18	9.8E-18	1.2E-06	4.1E-07	2.4E-18
Barium	7.9E-14		2.6E-09	2.0E-04	6.6E-05	3.9E-10
Beryllium	1.4E-18		1.7E-15	8.5E-08	2.8E-08	2.5E-16
Cadmium	3.6E-16		1.3E-15	1.5E-06	5.1E-07	2.0E-16
Chromium	9.4E-17		8.9E-11	1.4E-05	4.5E-06	1.3E-11
Cobalt			2.4E-10	1.0E-05	3.5E-06	3.5E-11
Copper			3.2E-10	3.5E-05	1.2E-05	4.7E-11
Lead	3.0E-19		1.6E-13	1.1E-05	3.8E-06	2.4E-14
Manganese			1.3E-12	1.1E-05	3.7E-06	1.9E-13
Mercury (+2)			2.3E-14	4.8E-08	1.6E-08	3.3E-15

Table H-133 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Mercury, elemental				2.0E-10	6.7E-11	
Methyl Mercury	2.8E-16		1.7E-15			2.5E-16
Nickel	1.4E-16		6.6E-15	7.0E-06	2.3E-06	9.8E-16
Phosphorus			1.2E-14	5.0E-05	1.7E-05	3.4E-10
Selenium	1.2E-17		6.6E-17	3.6E-07	1.2E-07	9.8E-18
Silver	8.2E-18		1.0E-12	2.2E-07	7.3E-08	1.5E-13
Titanium			1.4E-14	1.3E-07	4.4E-08	2.0E-15
Zinc	1.8E-13		2.8E-13	2.3E-04	7.6E-05	4.1E-14
NOx						
NOx (Oxides of Nitrogen)				3.1E-03	1.0E-03	
PAHs						
1-Methylnaphthalene		2.1E-16	3.8E-16	8.0E-05	2.7E-05	1.3E-12
1-Methylphenanthrene			2.6E-13	9.7E-06	3.2E-06	3.8E-14
2,3,5-Trimethylnaphthalene			1.3E-13	4.9E-06	1.6E-06	1.9E-14
2,6-Dimethylnaphthalene			3.4E-13	1.3E-05	4.2E-06	4.9E-14
2-Methylnaphthalene		2.0E-16	3.7E-16	7.8E-05	2.6E-05	1.3E-12
Acenaphthylene			1.1E-12	4.7E-05	1.6E-05	1.6E-13
Acenaphthene	1.5E-16			8.4E-06	2.8E-06	
Anthracene	1.8E-15			1.5E-05	5.0E-06	
Benzo(a)anthracene	2.6E-13	1.6E-12	2.9E-12	7.6E-06	2.5E-06	1.3E-10
Benzo(a)pyrene	1.3E-13	6.8E-13	1.2E-12	2.9E-06	9.6E-07	1.8E-13
Benzo(b)fluoranthene	3.6E-14	3.6E-14	6.6E-14	3.1E-06	1.0E-06	9.8E-15

Table H-133 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(e)pyrene			5.7E-14	2.4E-06	8.0E-07	8.4E-15
Benzo(g,h,i)perylene			4.4E-14	1.9E-06	6.2E-07	6.4E-15
Benzo(k)fluoranthene	2.6E-16	1.8E-14	3.3E-14	1.2E-08	4.1E-09	4.8E-15
Biphenyl			6.0E-15	2.7E-04	9.1E-05	1.1E-11
Chrysene	4.5E-14	1.8E-12	3.3E-12	1.2E-05	4.1E-06	4.8E-13
Dibenze(a,h)anthracene	6.4E-15	2.3E-13	4.1E-13	4.5E-07	1.5E-07	6.0E-14
Fluoranthene	1.2E-14	5.2E-14	9.6E-14	1.8E-05	6.1E-06	1.4E-14
Fluorene	2.6E-15			4.6E-05	1.5E-05	
Indeno(1,2,3-cd)pyrene	1.6E-14	6.5E-13	1.2E-12	1.5E-06	4.9E-07	1.7E-13
Napthalene	1.2E-15			3.6E-04	1.2E-04	
Perylene			2.6E-14	1.2E-06	4.0E-07	3.9E-15
Phenanthrene	1.3E-14			8.5E-05	2.8E-05	
Pyrene	8.7E-15	1.5E-13	2.7E-13	1.8E-05	5.9E-06	2.2E-11
Particulate						
Particulate Total Suspended Particulate			5.2E-09	5.3E-02	1.8E-02	7.7E-10
PM<10			6.8E-09	7.1E-02	2.4E-02	1.0E-09
PM<2.5			5.7E-09	6.1E-02	2.0E-02	8.4E-10
PCBs						
Dichlorobiphenyl	2.6E-16	3.0E-16	5.1E-16	2.2E-07	7.4E-08	1.4E-13
Heptachlorobiphenyl	9.8E-18	3.3E-17	5.7E-17	3.0E-09	1.0E-09	8.6E-15
Hexachlorobiphenyl	4.0E-17	1.4E-16	2.4E-16	1.2E-08	4.0E-09	3.6E-14
Monochlorobiphenyl	1.8E-15	2.1E-15	3.5E-15	1.6E-06	5.2E-07	9.9E-13

Table H-133 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Nonachlorobiphenyl	1.2E-18	4.8E-18	8.0E-18	3.7E-10	1.2E-10	1.2E-15
Octachlorobiphenyl	2.9E-18	1.0E-17	1.7E-17	8.9E-10	3.0E-10	2.6E-15
Pentachlorobiphenyl	1.3E-16	4.8E-16	8.2E-16	4.0E-08	1.3E-08	1.2E-13
Tetrachlorobiphenyl	7.7E-17	9.8E-17	1.7E-16	6.6E-08	2.2E-08	4.6E-14
Trichlorobiphenyl	1.0E-16	1.2E-16	2.1E-16	8.6E-08	2.9E-08	5.9E-14
SVOCs						
1,2,4-trichlorobenzene				5.1E-07	1.7E-07	
1,2-dichlorobenzene	1.2E-19			1.1E-07	3.8E-08	
1,3-dichlorobenzene	3.0E-19			3.2E-07	1.1E-07	
1,4-dichlorobenzene	4.0E-18			4.0E-06	1.3E-06	
2,4-Dimethylphenol	1.1E-16			5.5E-05	1.8E-05	
2-Chlorophenol	5.5E-18			1.2E-05	4.0E-06	
2-Methylphenol	2.3E-15			1.4E-04	4.6E-05	
2-Nitrophenol	1.4E-17			1.8E-05	6.1E-06	
3-Methylphenol & 4-Methylphenol			6.5E-12	2.5E-04	8.2E-05	9.6E-13
4-Nitrophenol	2.8E-17			2.8E-05	9.4E-06	
Acetophenone	1.7E-16			2.8E-04	9.5E-05	
Benzoic acid	6.8E-16			1.3E-03	4.4E-04	
Benzyl alcohol	4.2E-19			8.0E-06	2.7E-06	
bis(2-Ethylhexyl) phthalate	2.1E-14	5.2E-12	1.2E-11	4.3E-04	1.4E-04	1.8E-12
Butyl benzyl phthalate	7.5E-15	2.8E-15	6.7E-15	1.5E-05	4.8E-06	9.9E-16
Carbazole			1.1E-14	1.8E-07	5.9E-08	1.6E-15

Table H-133 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibenzofuran		1.2E-16	9.7E-16	2.3E-05	7.7E-06	1.2E-12
Dimethyl phthalate	2.8E-18			3.5E-07	1.2E-07	
Di-n-butyl phthalate	7.2E-14	2.9E-15	6.8E-15	2.2E-05	7.4E-06	9.9E-16
Di-n-octyl phthalate	5.4E-19	3.7E-15	8.8E-15	6.7E-07	2.2E-07	1.3E-15
Hexachlorobutadiene	2.9E-16			4.6E-05	1.5E-05	
Phenol	6.3E-15			7.3E-04	2.4E-04	
Pyridine	3.3E-16			6.9E-05	2.3E-05	
TRS						
Total Reduced Sulfur				7.4E-04	2.5E-04	
VOCs						
1,1,1,2-Tetrachloroethane	1.2E-19			2.7E-07	8.9E-08	
1,1,1-Trichloroethane	7.5E-21			2.9E-07	9.7E-08	
1,1-Dichloroethene	2.6E-22			2.7E-08	9.0E-09	
1,2,3-Trichlorobenzene	8.0E-18			1.2E-06	3.9E-07	
1,2,3-Trichloropropane	4.6E-20			1.1E-07	3.8E-08	
1,2,4-Trimethylbenzene				1.2E-05	3.9E-06	
1,2-Dibromoethane	1.6E-20			7.2E-08	2.4E-08	
1,2-Dichloroethane	5.0E-19			6.1E-06	2.0E-06	
1,3,5-Trimethylbenzene	2.6E-18			1.0E-05	3.4E-06	
1,3-Dichloropropane				7.0E-08	2.3E-08	
2-Butanone	1.0E-16			7.7E-05	2.6E-05	
2-Chlorotoluene				3.6E-06	1.2E-06	

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Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Va pors Outdoors (ug/m3)
2-Hexanone				1.4E-05	4.8E-06	
Benzene	8.5E-17			2.0E-03	6.6E-04	
Bromobenzene				3.9E-05	1.3E-05	
Bromochloromethane				9.2E-08	3.1E-08	
Bromodichloromethane	1.3E-20			9.9E-08	3.3E-08	
Bromomethane	5.7E-20			6.7E-06	2.2E-06	
Carbon disulfide	5.4E-20			5.7E-06	1.9E-06	
Carbon tetrachloride	5.8E-21			2.3E-07	7.6E-08	
Chlorobenzene	2.0E-18			1.0E-05	3.3E-06	
Chlorodibromomethane	7.8E-19			2.5E-06	8.2E-07	
Chloroethane	1.6E-19			1.9E-05	6.2E-06	
Chloroform	1.2E-19			2.2E-06	7.4E-07	
Chloromethane	4.2E-19			5.5E-05	1.8E-05	
cis-1,2-Dichloroethene	1.6E-19			4.1E-06	1.4E-06	
cis-1,3-Dichloropropene				2.5E-08	8.5E-09	
Dibromomethane	1.8E-20			2.1E-07	7.1E-08	
Dichlorodifluoromethane	2.0E-22			2.6E-07	8.6E-08	
Ethylbenzene	6.4E-17			4.3E-04	1.4E-04	
Isopropylbenzene	8.4E-20			3.2E-05	1.1E-05	
m&p-Xylene	1.0E-17			7.2E-05	2.4E-05	
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19			3.7E-07	1.2E-07	
Methylene chloride	1.1E-18			3.9E-05	1.3E-05	

Table H-133 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
n-Butylbenzene				1.4E-05	4.5E-06	
n-Propylbenzene				1.8E-05	6.0E-06	
o-Xylene	1.2E-17			4.5E-05	1.5E-05	
p-Chlorotoluene				9.8E-07	3.3E-07	
p-Isopropyltoluene				5.4E-06	1.8E-06	
sec-Butylbenzene				2.5E-06	8.4E-07	
Styrene	4.0E-16			1.1E-03	3.6E-04	
tert-Butylbenzene				4.8E-05	1.6E-05	
Tetrachloroethene	2.8E-20			2.5E-07	8.2E-08	
Toluene	6.7E-17			7.2E-04	2.4E-04	
trans-1,2-Dichloroethene	2.5E-18			8.8E-05	2.9E-05	
trans-1,3-Dichloropropene				4.4E-08	1.5E-08	
Trichloroethene	2.9E-22			7.6E-09	2.5E-09	
Trichlorofluoromethane	4.5E-22			9.1E-08	3.0E-08	
Vinyl chloride	2.1E-20			7.0E-06	2.3E-06	

Table H-134 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas						
Hydrogen Chloride				4.1E-05	1.4E-05	
Aldehydes						
Acetaldehyde	9.2E-14			7.1E-05	2.4E-05	
Formaldehyde	4.5E-13			2.8E-05	9.2E-06	
Propionaldehyde			7.2E-14	7.8E-06	2.6E-06	1.6E-12
CO						
Carbon monoxide				2.3E-03	7.6E-04	
CO2						
Carbon dioxide				6.8E-05	2.3E-05	
Criteria						
Sulfur Dioxide				1.7E-05	5.6E-06	
DIOXINS						
1,2,3,4,6,7,8-HpCDD	1.3E-18	2.6E-14	2.1E-13	4.6E-11	1.5E-11	3.0E-17
1,2,3,4,6,7,8-HpCDF	1.3E-18	2.6E-14	2.1E-13	4.6E-11	1.5E-11	3.0E-17
1,2,3,4,7,8,9-HpCDF	1.9E-19	3.1E-15	2.5E-14	6.0E-12	2.0E-12	3.7E-18
1,2,3,4,7,8-HxCDD	1.5E-18	3.0E-15	2.4E-14	5.6E-12	1.9E-12	3.5E-18
1,2,3,4,7,8-HxCDF	1.0E-17	2.4E-14	1.9E-13	4.6E-11	1.5E-11	2.8E-17
1,2,3,6,7,8-HxCDD	2.8E-18	6.2E-15	4.9E-14	1.2E-11	3.9E-12	7.2E-18
1,2,3,6,7,8-HxCDF	3.8E-18	8.0E-15	6.3E-14	1.5E-11	5.0E-12	9.3E-18
1,2,3,7,8,9-HxCDD	4.1E-18	9.8E-15	7.7E-14	1.8E-11	6.0E-12	1.1E-17
1,2,3,7,8,9-HxCDF	3.0E-19	5.8E-16	4.5E-15	1.1E-12	3.8E-13	6.7E-19

Table H-134 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	7.6E-18	3.5E-15	2.8E-14	7.2E-12	2.4E-12	4.1E-18
1,2,3,7,8-PeCDF	1.1E-17	4.1E-15	3.3E-14	1.0E-11	3.4E-12	4.8E-18
2,3,4,6,7,8-HxCDF	5.4E-18	1.2E-14	9.5E-14	2.3E-11	7.6E-12	1.4E-17
2,3,4,7,8-PeCDF	1.7E-17	9.9E-15	7.8E-14	2.3E-11	7.7E-12	1.1E-17
2,3,7,8-TCDD	2.5E-18	5.2E-16	4.1E-15	2.4E-12	7.9E-13	4.2E-16
2,3,7,8-TCDF	8.0E-18	1.3E-15	1.0E-14	1.1E-11	3.6E-12	1.5E-18
OCDD	1.8E-20	1.7E-14	1.4E-13	3.0E-11	1.0E-11	2.0E-17
OCDF	6.7E-21	6.5E-15	5.1E-14	1.1E-11	3.7E-12	7.5E-18
HCN						
Hydrogen cyanide				8.4E-06	2.8E-06	
Metals						
Antimony	1.6E-17			3.5E-07	1.2E-07	
Arsenic	8.1E-16	4.8E-17	2.3E-16	2.9E-08	9.5E-09	5.6E-20
Barium	2.3E-12		1.1E-07	4.6E-06	1.5E-06	1.6E-11
Beryllium	3.3E-17		3.9E-14	2.0E-09	6.6E-10	5.8E-18
Cadmium	8.3E-15		3.1E-14	3.6E-08	1.2E-08	4.6E-18
Chromium	2.6E-15		3.2E-09	3.2E-07	1.1E-07	4.8E-13
Cobalt			1.0E-08	2.4E-07	8.1E-08	1.5E-12
Copper			1.3E-08	8.3E-07	2.8E-07	1.9E-12
Lead	6.9E-18		3.8E-12	2.7E-07	8.9E-08	5.6E-16
Manganese			3.1E-11	2.6E-07	8.6E-08	4.5E-15
Mercury (+2)			1.1E-12	1.1E-09	3.8E-10	1.6E-16

Table H-134 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Mercury, elemental				4.7E-12	1.6E-12	
Methyl Mercury	8.7E-15		7.9E-14			1.2E-17
Nickel	3.3E-15		1.6E-13	1.6E-07	5.4E-08	2.3E-17
Phosphorus			2.8E-13	1.2E-06	3.9E-07	8.0E-12
Selenium	2.8E-16		1.6E-15	8.3E-09	2.8E-09	2.3E-19
Silver	2.1E-16		3.1E-11	5.1E-09	1.7E-09	4.6E-15
Titanium			3.2E-13	3.1E-09	1.0E-09	4.8E-17
Zinc	4.1E-12		6.5E-12	5.4E-06	1.8E-06	9.6E-16
NOx						
NOx (Oxides of Nitrogen)				7.1E-05	2.4E-05	
PAHs						
1-Methylnaphthalene		4.9E-15	8.9E-15	1.9E-06	6.2E-07	3.0E-14
1-Methylphenanthrene			6.0E-12	2.3E-07	7.5E-08	8.9E-16
2,3,5-Trimethylnaphthalene			3.0E-12	1.1E-07	3.8E-08	4.4E-16
2,6-Dimethylnaphthalene			7.9E-12	3.0E-07	9.9E-08	1.2E-15
2-Methylnaphthalene		4.7E-15	8.6E-15	1.8E-06	6.1E-07	3.0E-14
Acenaphthylene			2.5E-11	1.1E-06	3.6E-07	3.7E-15
Acenaphthene	3.4E-15			2.0E-07	6.6E-08	
Anthracene	4.3E-14			3.5E-07	1.2E-07	
Benzo(a)anthracene	6.2E-12	4.4E-11	8.0E-11	1.8E-07	5.9E-08	3.6E-12
Benzo(a)pyrene	3.1E-12	1.8E-11	3.3E-11	6.7E-08	2.2E-08	4.9E-15
Benzo(b)fluoranthene	8.3E-13	1.0E-12	1.8E-12	7.2E-08	2.4E-08	2.7E-16

Table H-134 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(e)pyrene			1.3E-12	5.6E-08	1.9E-08	2.0E-16
Benzo(g,h,i)perylene			1.0E-12	4.3E-08	1.4E-08	1.5E-16
Benzo(k)fluoranthene	7.4E-15	6.4E-13	1.2E-12	2.8E-10	9.5E-11	1.7E-16
Biphenyl			1.4E-13	6.4E-06	2.1E-06	2.5E-13
Chrysene	1.1E-12	5.5E-11	9.9E-11	2.9E-07	9.6E-08	1.5E-14
Dibenze(a,h)anthracene	1.6E-13	6.7E-12	1.2E-11	1.0E-08	3.5E-09	1.8E-15
Fluoranthene	2.8E-13	1.4E-12	2.5E-12	4.2E-07	1.4E-07	3.7E-16
Fluorene	6.1E-14			1.1E-06	3.6E-07	
Indeno(1,2,3-cd)pyrene	4.0E-13	1.8E-11	3.3E-11	3.5E-08	1.2E-08	4.9E-15
Napthalene	2.8E-14			8.4E-06	2.8E-06	
Perylene			6.2E-13	2.8E-08	9.2E-09	9.1E-17
Phenanthrene	2.9E-13			2.0E-06	6.6E-07	
Pyrene	2.0E-13	5.1E-12	9.3E-12	4.1E-07	1.4E-07	7.9E-13
Particulate						
Particulate Total Suspended Particulate			1.2E-07	1.2E-03	4.1E-04	1.8E-11
PM<10			1.6E-07	1.6E-03	5.5E-04	2.3E-11
PM<2.5			1.3E-07	1.4E-03	4.8E-04	2.0E-11
PCBs						
Dichlorobiphenyl	6.1E-15	1.3E-14	2.2E-14	5.2E-09	1.7E-09	6.1E-15
Heptachlorobiphenyl	2.3E-16	1.4E-15	2.4E-15	7.0E-11	2.3E-11	3.7E-16
Hexachlorobiphenyl	9.3E-16	6.1E-15	1.0E-14	2.8E-10	9.4E-11	1.6E-15
Monochlorobiphenyl	4.3E-14	9.0E-14	1.5E-13	3.6E-08	1.2E-08	4.3E-14

Table H-134 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Nonachlorobiphenyl	2.9E-17	2.1E-16	3.5E-16	8.7E-12	2.9E-12	5.3E-17
Octachlorobiphenyl	6.8E-17	4.4E-16	7.5E-16	2.1E-11	6.9E-12	1.1E-16
Pentachlorobiphenyl	3.1E-15	2.1E-14	3.5E-14	9.4E-10	3.1E-10	5.4E-15
Tetrachlorobiphenyl	1.8E-15	4.2E-15	7.1E-15	1.5E-09	5.1E-10	2.0E-15
Trichlorobiphenyl	2.4E-15	5.3E-15	9.0E-15	2.0E-09	6.7E-10	2.5E-15
SVOCs						
1,2,4-trichlorobenzene				1.2E-08	3.9E-09	
1,2-dichlorobenzene	2.8E-18			2.6E-09	8.8E-10	
1,3-dichlorobenzene	6.9E-18			7.5E-09	2.5E-09	
1,4-dichlorobenzene	9.2E-17			9.3E-08	3.1E-08	
2,4-Dimethylphenol	2.5E-15			1.3E-06	4.3E-07	
2-Chlorophenol	1.3E-16			2.8E-07	9.4E-08	
2-Methylphenol	5.3E-14			3.2E-06	1.1E-06	
2-Nitrophenol	3.2E-16			4.3E-07	1.4E-07	
3-Methylphenol & 4-Methylphenol			1.5E-10	5.7E-06	1.9E-06	2.3E-14
4-Nitrophenol	6.5E-16			6.6E-07	2.2E-07	
Acetophenone	3.9E-15			6.6E-06	2.2E-06	
Benzoic acid	1.6E-14			3.1E-05	1.0E-05	
Benzyl alcohol	9.8E-18			1.9E-07	6.2E-08	
bis(2-Ethylhexyl) phthalate	4.9E-13	1.2E-10	2.9E-10	1.0E-05	3.4E-06	4.2E-14
Butyl benzyl phthalate	1.8E-13	6.6E-14	1.6E-13	3.4E-07	1.1E-07	2.3E-17
Carbazole			2.6E-13	4.1E-09	1.4E-09	3.8E-17

Table H-134 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibenzofuran		2.9E-15	2.3E-14	5.4E-07	1.8E-07	2.9E-14
Dimethyl phthalate	6.5E-17			8.1E-09	2.7E-09	
Di-n-butyl phthalate	1.7E-12	6.7E-14	1.6E-13	5.2E-07	1.7E-07	2.3E-17
Di-n-octyl phthalate	1.3E-17	8.7E-14	2.1E-13	1.6E-08	5.2E-09	3.0E-17
Hexachlorobutadiene	6.7E-15			1.1E-06	3.6E-07	
Phenol	1.5E-13			1.7E-05	5.7E-06	
Pyridine	7.7E-15			1.6E-06	5.4E-07	
TRS						
Total Reduced Sulfur				1.7E-05	5.8E-06	
VOCs						
1,1,1,2-Tetrachloroethane	2.7E-18			6.2E-09	2.1E-09	
1,1,1-Trichloroethane	1.8E-19			6.8E-09	2.3E-09	
1,1-Dichloroethene	6.0E-21			6.3E-10	2.1E-10	
1,2,3-Trichlorobenzene	1.9E-16			2.7E-08	9.0E-09	
1,2,3-Trichloropropane	1.1E-18			2.6E-09	8.8E-10	
1,2,4-Trimethylbenzene				2.7E-07	9.0E-08	
1,2-Dibromoethane	3.7E-19			1.7E-09	5.6E-10	
1,2-Dichloroethane	1.2E-17			1.4E-07	4.8E-08	
1,3,5-Trimethylbenzene	6.0E-17			2.4E-07	7.9E-08	
1,3-Dichloropropane				1.6E-09	5.4E-10	
2-Butanone	2.4E-15			1.8E-06	6.0E-07	
2-Chlorotoluene				8.3E-08	2.8E-08	

Table H-134 (Average Daily Dose)

ACI Lifetime (yrs)	16
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Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Hexanone				3.3E-07	1.1E-07	
Benzene	2.0E-15			4.6E-05	1.5E-05	
Bromobenzene				9.1E-07	3.0E-07	
Bromochloromethane				2.1E-09	7.1E-10	
Bromodichloromethane	3.1E-19			2.3E-09	7.7E-10	
Bromomethane	1.3E-18			1.6E-07	5.2E-08	
Carbon disulfide	1.3E-18			1.3E-07	4.4E-08	
Carbon tetrachloride	1.3E-19			5.3E-09	1.8E-09	
Chlorobenzene	4.7E-17			2.3E-07	7.8E-08	
Chlorodibromomethane	1.8E-17			5.8E-08	1.9E-08	
Chloroethane	3.7E-18			4.3E-07	1.4E-07	
Chloroform	2.8E-18			5.2E-08	1.7E-08	
Chloromethane	9.8E-18			1.3E-06	4.3E-07	
cis-1,2-Dichloroethene	3.8E-18			9.7E-08	3.2E-08	
cis-1,3-Dichloropropene				5.9E-10	2.0E-10	
Dibromomethane	4.2E-19			5.0E-09	1.7E-09	
Dichlorodifluoromethane	4.7E-21			6.0E-09	2.0E-09	
Ethylbenzene	1.5E-15			1.0E-05	3.4E-06	
Isopropylbenzene	2.0E-18			7.4E-07	2.5E-07	
m&p-Xylene	2.4E-16			1.7E-06	5.6E-07	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	2.4E-18			8.7E-09	2.9E-09	
Methylene chloride	2.6E-17			9.0E-07	3.0E-07	

Table H-134 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
n-Butylbenzene				3.2E-07	1.1E-07	
n-Propylbenzene				4.2E-07	1.4E-07	
o-Xylene	2.8E-16			1.0E-06	3.5E-07	
p-Chlorotoluene				2.3E-08	7.6E-09	
p-Isopropyltoluene				1.3E-07	4.2E-08	
sec-Butylbenzene				5.9E-08	2.0E-08	
Styrene	9.4E-15			2.5E-05	8.5E-06	
tert-Butylbenzene				1.1E-06	3.7E-07	
Tetrachloroethene	6.6E-19			5.8E-09	1.9E-09	
Toluene	1.6E-15			1.7E-05	5.6E-06	
trans-1,2-Dichloroethene	5.9E-17			2.1E-06	6.9E-07	
trans-1,3-Dichloropropene				1.0E-09	3.4E-10	
Trichloroethene	6.8E-21			1.8E-10	5.9E-11	
Trichlorofluoromethane	1.0E-20			2.1E-09	7.1E-10	
Vinyl chloride	4.8E-19			1.6E-07	5.5E-08	

Table H-135 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas						
Hydrogen Chloride				1.7E-03	5.8E-04	
Aldehydes						
Acetaldehyde	5.2E-15			3.0E-03	1.0E-03	
Formaldehyde	2.6E-14			1.2E-03	4.0E-04	
Propionaldehyde			3.3E-14	3.4E-04	1.1E-04	6.9E-11
CO						
Carbon monoxide				9.7E-02	3.2E-02	
CO2						
Carbon dioxide				2.9E-03	9.8E-04	
Criteria						
Sulfur Dioxide				7.1E-04	2.4E-04	
DIOXINS						
1,2,3,4,6,7,8-HpCDD	5.1E-20	3.6E-15	5.1E-14	2.0E-09	6.6E-10	7.0E-16
1,2,3,4,6,7,8-HpCDF	5.0E-20	3.6E-15	5.1E-14	2.0E-09	6.6E-10	7.0E-16
1,2,3,4,7,8,9-HpCDF	8.2E-21	4.4E-16	6.1E-15	2.6E-10	8.6E-11	8.5E-17
1,2,3,4,7,8-HxCDD	6.2E-20	4.2E-16	5.9E-15	2.4E-10	8.0E-11	8.2E-17
1,2,3,4,7,8-HxCDF	4.3E-19	3.3E-15	4.7E-14	2.0E-09	6.5E-10	6.5E-16
1,2,3,6,7,8-HxCDD	1.2E-19	8.7E-16	1.2E-14	5.1E-10	1.7E-10	1.7E-16
1,2,3,6,7,8-HxCDF	1.6E-19	1.1E-15	1.6E-14	6.4E-10	2.1E-10	2.1E-16
1,2,3,7,8,9-HxCDD	1.7E-19	1.4E-15	1.9E-14	7.7E-10	2.6E-10	2.6E-16
1,2,3,7,8,9-HxCDF	1.4E-20	8.0E-17	1.1E-15	4.9E-11	1.6E-11	1.5E-17

Table H-135 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	3.9E-19	4.8E-16	6.8E-15	3.1E-10	1.0E-10	9.4E-17
1,2,3,7,8-PeCDF	5.4E-19	5.7E-16	8.0E-15	4.4E-10	1.5E-10	1.1E-16
2,3,4,6,7,8-HxCDF	2.3E-19	1.7E-15	2.4E-14	9.7E-10	3.2E-10	3.2E-16
2,3,4,7,8-PeCDF	8.5E-19	1.4E-15	1.9E-14	9.8E-10	3.3E-10	2.7E-16
2,3,7,8-TCDD	1.4E-19	7.4E-17	1.0E-15	1.0E-10	3.4E-11	9.9E-15
2,3,7,8-TCDF	4.5E-19	1.8E-16	2.6E-15	4.6E-10	1.5E-10	3.6E-17
OCDD	6.9E-22	2.4E-15	3.4E-14	1.3E-09	4.3E-10	4.6E-16
OCDF	2.6E-22	9.0E-16	1.3E-14	4.8E-10	1.6E-10	1.7E-16
HCN						
Hydrogen cyanide				3.6E-04	1.2E-04	
Metals						
Antimony	8.9E-19			1.5E-05	5.0E-06	
Arsenic	4.6E-17	1.2E-17	6.3E-17	1.2E-06	4.1E-07	2.4E-18
Barium	1.0E-13		2.8E-08	2.0E-04	6.6E-05	3.9E-10
Beryllium	1.9E-18		1.8E-14	8.5E-08	2.8E-08	2.5E-16
Cadmium	4.7E-16		1.4E-14	1.5E-06	5.1E-07	2.0E-16
Chromium	1.2E-16		9.5E-10	1.4E-05	4.5E-06	1.3E-11
Cobalt			2.6E-09	1.0E-05	3.5E-06	3.5E-11
Copper			3.4E-09	3.5E-05	1.2E-05	4.7E-11
Lead	3.9E-19		1.7E-12	1.1E-05	3.8E-06	2.4E-14
Manganese			1.4E-11	1.1E-05	3.7E-06	1.9E-13
Mercury (+2)			2.4E-13	4.8E-08	1.6E-08	3.3E-15

Table H-135 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Mercury, elemental				2.0E-10	6.7E-11	
Methyl Mercury	3.7E-16		1.8E-14			2.5E-16
Nickel	1.9E-16		7.1E-14	7.0E-06	2.3E-06	9.8E-16
Phosphorus			1.3E-13	5.0E-05	1.7E-05	3.4E-10
Selenium	1.6E-17		7.1E-16	3.6E-07	1.2E-07	9.8E-18
Silver	1.1E-17		1.1E-11	2.2E-07	7.3E-08	1.5E-13
Titanium			1.5E-13	1.3E-07	4.4E-08	2.0E-15
Zinc	2.3E-13		3.0E-12	2.3E-04	7.6E-05	4.1E-14
NOx						
NOx (Oxides of Nitrogen)				3.1E-03	1.0E-03	
PAHs						
1-Methylnaphthalene		1.2E-15	4.0E-15	8.0E-05	2.7E-05	1.3E-12
1-Methylphenanthrene			2.7E-12	9.7E-06	3.2E-06	3.8E-14
2,3,5-Trimethylnaphthalene			1.4E-12	4.9E-06	1.6E-06	1.9E-14
2,6-Dimethylnaphthalene			3.6E-12	1.3E-05	4.2E-06	4.9E-14
2-Methylnaphthalene		1.2E-15	3.9E-15	7.8E-05	2.6E-05	1.3E-12
Acenaphthylene			1.1E-11	4.7E-05	1.6E-05	1.6E-13
Acenaphthene	1.9E-16			8.4E-06	2.8E-06	
Anthracene	2.4E-15			1.5E-05	5.0E-06	
Benzo(a)anthracene	2.7E-12	7.2E-11	2.3E-10	5.8E-05	1.9E-05	9.9E-10
Benzo(a)pyrene	1.3E-12	3.1E-11	1.0E-10	2.2E-05	7.3E-06	1.4E-12
Benzo(b)fluoranthene	3.6E-13	1.7E-12	5.4E-12	2.4E-05	7.9E-06	7.5E-14

Table H-135 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(e)pyrene			6.1E-13	2.4E-06	8.0E-07	8.4E-15
Benzo(g,h,i)perylene			4.7E-13	1.9E-06	6.2E-07	6.4E-15
Benzo(k)fluoranthene	2.7E-15	8.2E-13	2.7E-12	9.3E-08	3.1E-08	3.7E-14
Biphenyl			6.4E-14	2.7E-04	9.1E-05	1.1E-11
Chrysene	4.6E-13	8.3E-11	2.7E-10	9.5E-05	3.2E-05	3.7E-12
Dibenze(a,h)anthracene	6.5E-14	1.0E-11	3.4E-11	3.4E-06	1.1E-06	4.6E-13
Fluoranthene	1.6E-14	3.1E-13	1.0E-12	1.8E-05	6.1E-06	1.4E-14
Fluorene	3.5E-15			4.6E-05	1.5E-05	
Indeno(1,2,3-cd)pyrene	1.6E-13	3.0E-11	9.6E-11	1.1E-05	3.8E-06	1.3E-12
Napthalene	1.6E-15			3.6E-04	1.2E-04	
Perylene			2.8E-13	1.2E-06	4.0E-07	3.9E-15
Phenanthrene	1.7E-14			8.5E-05	2.8E-05	
Pyrene	1.1E-14	8.7E-13	2.8E-12	1.8E-05	5.9E-06	2.2E-11
Particulate						
Particulate Total Suspended Particulate			5.6E-08	5.3E-02	1.8E-02	7.7E-10
PM<10			7.2E-08	7.1E-02	2.4E-02	1.0E-09
PM<2.5			6.1E-08	6.1E-02	2.0E-02	8.4E-10
PCBs						
Dichlorobiphenyl	3.4E-16	1.8E-15	5.4E-15	2.2E-07	7.4E-08	1.4E-13
Heptachlorobiphenyl	1.3E-17	2.0E-16	6.0E-16	3.0E-09	1.0E-09	8.6E-15
Hexachlorobiphenyl	5.2E-17	8.4E-16	2.5E-15	1.2E-08	4.0E-09	3.6E-14
Monochlorobiphenyl	2.4E-15	1.3E-14	3.8E-14	1.6E-06	5.2E-07	9.9E-13

Table H-135 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Nonachlorobiphenyl	1.6E-18	2.9E-17	8.6E-17	3.7E-10	1.2E-10	1.2E-15
Octachlorobiphenyl	3.8E-18	6.1E-17	1.8E-16	8.9E-10	3.0E-10	2.6E-15
Pentachlorobiphenyl	1.7E-16	2.9E-15	8.7E-15	4.0E-08	1.3E-08	1.2E-13
Tetrachlorobiphenyl	1.0E-16	5.9E-16	1.8E-15	6.6E-08	2.2E-08	4.6E-14
Trichlorobiphenyl	1.3E-16	7.4E-16	2.2E-15	8.6E-08	2.9E-08	5.9E-14
SVOCs						
1,2,4-trichlorobenzene				5.1E-07	1.7E-07	
1,2-dichlorobenzene	1.6E-19			1.1E-07	3.8E-08	
1,3-dichlorobenzene	3.9E-19			3.2E-07	1.1E-07	
1,4-dichlorobenzene	5.2E-18			4.0E-06	1.3E-06	
2,4-Dimethylphenol	1.4E-16			5.5E-05	1.8E-05	
2-Chlorophenol	7.3E-18			1.2E-05	4.0E-06	
2-Methylphenol	3.0E-15			1.4E-04	4.6E-05	
2-Nitrophenol	1.8E-17			1.8E-05	6.1E-06	
3-Methylphenol & 4-Methylphenol			7.0E-11	2.5E-04	8.2E-05	9.6E-13
4-Nitrophenol	3.7E-17			2.8E-05	9.4E-06	
Acetophenone	2.2E-16			2.8E-04	9.5E-05	
Benzoic acid	9.0E-16			1.3E-03	4.4E-04	
Benzyl alcohol	5.5E-19			8.0E-06	2.7E-06	
bis(2-Ethylhexyl) phthalate	2.8E-14	3.1E-11	1.3E-10	4.3E-04	1.4E-04	1.8E-12
Butyl benzyl phthalate	9.9E-15	1.7E-14	7.2E-14	1.5E-05	4.8E-06	9.9E-16
Carbazole			1.2E-13	1.8E-07	5.9E-08	1.6E-15

Table H-135 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibenzofuran		7.4E-16	1.0E-14	2.3E-05	7.7E-06	1.2E-12
Dimethyl phthalate	3.7E-18			3.5E-07	1.2E-07	
Di-n-butyl phthalate	9.5E-14	1.7E-14	7.2E-14	2.2E-05	7.4E-06	9.9E-16
Di-n-octyl phthalate	7.2E-19	2.2E-14	9.4E-14	6.7E-07	2.2E-07	1.3E-15
Hexachlorobutadiene	3.8E-16			4.6E-05	1.5E-05	
Phenol	8.4E-15			7.3E-04	2.4E-04	
Pyridine	4.3E-16			6.9E-05	2.3E-05	
TRS						
Total Reduced Sulfur				7.4E-04	2.5E-04	
VOCs						
1,1,1,2-Tetrachloroethane	1.5E-19			2.7E-07	8.9E-08	
1,1,1-Trichloroethane	9.9E-21			2.9E-07	9.7E-08	
1,1-Dichloroethene	3.4E-22			2.7E-08	9.0E-09	
1,2,3-Trichlorobenzene	1.1E-17			1.2E-06	3.9E-07	
1,2,3-Trichloropropane	4.7E-19			8.7E-07	2.9E-07	
1,2,4-Trimethylbenzene				1.2E-05	3.9E-06	
1,2-Dibromoethane	2.1E-20			7.2E-08	2.4E-08	
1,2-Dichloroethane	6.6E-19			6.1E-06	2.0E-06	
1,3,5-Trimethylbenzene	3.4E-18			1.0E-05	3.4E-06	
1,3-Dichloropropane				7.0E-08	2.3E-08	
2-Butanone	1.4E-16			7.7E-05	2.6E-05	
2-Chlorotoluene				3.6E-06	1.2E-06	

Table H-135 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Hexanone				1.4E-05	4.8E-06	
Benzene	1.1E-16			2.0E-03	6.6E-04	
Bromobenzene				3.9E-05	1.3E-05	
Bromochloromethane				9.2E-08	3.1E-08	
Bromodichloromethane	1.8E-20			9.9E-08	3.3E-08	
Bromomethane	7.6E-20			6.7E-06	2.2E-06	
Carbon disulfide	7.1E-20			5.7E-06	1.9E-06	
Carbon tetrachloride	7.6E-21			2.3E-07	7.6E-08	
Chlorobenzene	2.7E-18			1.0E-05	3.3E-06	
Chlorodibromomethane	1.0E-18			2.5E-06	8.2E-07	
Chloroethane	2.1E-19			1.9E-05	6.2E-06	
Chloroform	1.6E-19			2.2E-06	7.4E-07	
Chloromethane	5.6E-19			5.5E-05	1.8E-05	
cis-1,2-Dichloroethene	2.2E-19			4.1E-06	1.4E-06	
cis-1,3-Dichloropropene				2.5E-08	8.5E-09	
Dibromomethane	2.4E-20			2.1E-07	7.1E-08	
Dichlorodifluoromethane	2.7E-22			2.6E-07	8.6E-08	
Ethylbenzene	8.5E-17			4.3E-04	1.4E-04	
Isopropylbenzene	1.1E-19			3.2E-05	1.1E-05	
m&p-Xylene	1.3E-17			7.2E-05	2.4E-05	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	1.4E-19			3.7E-07	1.2E-07	
Methylene chloride	1.1E-17			3.0E-04	9.9E-05	

Table H-135 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
n-Butylbenzene				1.4E-05	4.5E-06	
n-Propylbenzene				1.8E-05	6.0E-06	
o-Xylene	1.6E-17			4.5E-05	1.5E-05	
p-Chlorotoluene				9.8E-07	3.3E-07	
p-Isopropyltoluene				5.4E-06	1.8E-06	
sec-Butylbenzene				2.5E-06	8.4E-07	
Styrene	5.3E-16			1.1E-03	3.6E-04	
tert-Butylbenzene				4.8E-05	1.6E-05	
Tetrachloroethene	3.7E-20			2.5E-07	8.2E-08	
Toluene	8.9E-17			7.2E-04	2.4E-04	
trans-1,2-Dichloroethene	3.3E-18			8.8E-05	2.9E-05	
trans-1,3-Dichloropropene				4.4E-08	1.5E-08	
Trichloroethene	2.9E-21			5.8E-08	1.9E-08	
Trichlorofluoromethane	5.9E-22			9.1E-08	3.0E-08	
Vinyl chloride	2.1E-19			5.4E-05	1.8E-05	

Table H-136 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas						
Hydrogen Chloride				4.1E-05	1.4E-05	
Aldehydes						
Acetaldehyde	1.2E-13			7.1E-05	2.4E-05	
Formaldehyde	6.0E-13			2.8E-05	9.2E-06	
Propionaldehyde			7.7E-13	7.8E-06	2.6E-06	1.6E-12
CO						
Carbon monoxide				2.3E-03	7.6E-04	
CO2						
Carbon dioxide				6.8E-05	2.3E-05	
Criteria						
Sulfur Dioxide				1.7E-05	5.6E-06	
DIOXINS						
1,2,3,4,6,7,8-HpCDD	1.8E-18	1.6E-13	2.2E-12	4.6E-11	1.5E-11	3.0E-17
1,2,3,4,6,7,8-HpCDF	1.7E-18	1.6E-13	2.2E-12	4.6E-11	1.5E-11	3.0E-17
1,2,3,4,7,8,9-HpCDF	2.5E-19	1.9E-14	2.6E-13	6.0E-12	2.0E-12	3.7E-18
1,2,3,4,7,8-HxCDD	2.0E-18	1.8E-14	2.6E-13	5.6E-12	1.9E-12	3.5E-18
1,2,3,4,7,8-HxCDF	1.3E-17	1.4E-13	2.0E-12	4.6E-11	1.5E-11	2.8E-17
1,2,3,6,7,8-HxCDD	3.7E-18	3.7E-14	5.2E-13	1.2E-11	3.9E-12	7.2E-18
1,2,3,6,7,8-HxCDF	5.0E-18	4.8E-14	6.7E-13	1.5E-11	5.0E-12	9.3E-18
1,2,3,7,8,9-HxCDD	5.5E-18	5.9E-14	8.3E-13	1.8E-11	6.0E-12	1.1E-17
1,2,3,7,8,9-HxCDF	4.0E-19	3.5E-15	4.8E-14	1.1E-12	3.8E-13	6.7E-19

Table H-136 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	1.0E-17	2.1E-14	2.9E-13	7.2E-12	2.4E-12	4.1E-18
1,2,3,7,8-PeCDF	1.4E-17	2.5E-14	3.5E-13	1.0E-11	3.4E-12	4.8E-18
2,3,4,6,7,8-HxCDF	7.1E-18	7.2E-14	1.0E-12	2.3E-11	7.6E-12	1.4E-17
2,3,4,7,8-PeCDF	2.2E-17	5.9E-14	8.3E-13	2.3E-11	7.7E-12	1.1E-17
2,3,7,8-TCDD	3.3E-18	3.1E-15	4.4E-14	2.4E-12	7.9E-13	4.2E-16
2,3,7,8-TCDF	1.1E-17	7.9E-15	1.1E-13	1.1E-11	3.6E-12	1.5E-18
OCDD	2.4E-20	1.0E-13	1.5E-12	3.0E-11	1.0E-11	2.0E-17
OCDF	8.8E-21	3.9E-14	5.5E-13	1.1E-11	3.7E-12	7.5E-18
HCN						
Hydrogen cyanide				8.4E-06	2.8E-06	
Metals						
Antimony	2.1E-17			3.5E-07	1.2E-07	
Arsenic	1.1E-15	2.9E-16	2.4E-15	2.9E-08	9.5E-09	5.6E-20
Barium	3.1E-12		1.2E-06	4.6E-06	1.5E-06	1.6E-11
Beryllium	4.4E-17		4.2E-13	2.0E-09	6.6E-10	5.8E-18
Cadmium	1.1E-14		3.3E-13	3.6E-08	1.2E-08	4.6E-18
Chromium	3.4E-15		3.5E-08	3.2E-07	1.1E-07	4.8E-13
Cobalt			1.1E-07	2.4E-07	8.1E-08	1.5E-12
Copper			1.4E-07	8.3E-07	2.8E-07	1.9E-12
Lead	9.1E-18		4.1E-11	2.7E-07	8.9E-08	5.6E-16
Manganese			3.3E-10	2.6E-07	8.6E-08	4.5E-15
Mercury (+2)			1.1E-11	1.1E-09	3.8E-10	1.6E-16

Table H-136 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Mercury, elemental				4.7E-12	1.6E-12	
Methyl Mercury	1.2E-14		8.4E-13			1.2E-17
Nickel	4.4E-15		1.7E-12	1.6E-07	5.4E-08	2.3E-17
Phosphorus			3.0E-12	1.2E-06	3.9E-07	8.0E-12
Selenium	3.6E-16		1.7E-14	8.3E-09	2.8E-09	2.3E-19
Silver	2.8E-16		3.3E-10	5.1E-09	1.7E-09	4.6E-15
Titanium			3.4E-12	3.1E-09	1.0E-09	4.8E-17
Zinc	5.4E-12		6.9E-11	5.4E-06	1.8E-06	9.6E-16
NOx						
NOx (Oxides of Nitrogen)				7.1E-05	2.4E-05	
PAHs						
1-Methylnaphthalene		2.9E-14	9.4E-14	1.9E-06	6.2E-07	3.0E-14
1-Methylphenanthrene			6.4E-11	2.3E-07	7.5E-08	8.9E-16
2,3,5-Trimethylnaphthalene			3.2E-11	1.1E-07	3.8E-08	4.4E-16
2,6-Dimethylnaphthalene			8.4E-11	3.0E-07	9.9E-08	1.2E-15
2-Methylnaphthalene		2.8E-14	9.2E-14	1.8E-06	6.1E-07	3.0E-14
Acenaphthylene			2.7E-10	1.1E-06	3.6E-07	3.7E-15
Acenaphthene	4.5E-15			2.0E-07	6.6E-08	
Anthracene	5.6E-14			3.5E-07	1.2E-07	
Benzo(a)anthracene	8.1E-12	2.6E-10	8.5E-10	1.8E-07	5.9E-08	3.6E-12
Benzo(a)pyrene	4.0E-12	1.1E-10	3.5E-10	6.7E-08	2.2E-08	4.9E-15
Benzo(b)fluoranthene	1.1E-12	6.0E-12	1.9E-11	7.2E-08	2.4E-08	2.7E-16

Table H-136 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(e)pyrene			1.4E-11	5.6E-08	1.9E-08	2.0E-16
Benzo(g,h,i)perylene			1.1E-11	4.3E-08	1.4E-08	1.5E-16
Benzo(k)fluoranthene	9.7E-15	3.8E-12	1.2E-11	2.8E-10	9.5E-11	1.7E-16
Biphenyl			1.5E-12	6.4E-06	2.1E-06	2.5E-13
Chrysene	1.4E-12	3.3E-10	1.1E-09	2.9E-07	9.6E-08	1.5E-14
Dibenze(a,h)anthracene	2.1E-13	4.0E-11	1.3E-10	1.0E-08	3.5E-09	1.8E-15
Fluoranthene	3.7E-13	8.2E-12	2.7E-11	4.2E-07	1.4E-07	3.7E-16
Fluorene	8.1E-14			1.1E-06	3.6E-07	
Indeno(1,2,3-cd)pyrene	5.3E-13	1.1E-10	3.6E-10	3.5E-08	1.2E-08	4.9E-15
Napthalene	3.7E-14			8.4E-06	2.8E-06	
Perylene			6.6E-12	2.8E-08	9.2E-09	9.1E-17
Phenanthrene	3.9E-13			2.0E-06	6.6E-07	
Pyrene	2.7E-13	3.1E-11	1.0E-10	4.1E-07	1.4E-07	7.9E-13
Particulate						
Particulate Total Suspended Particulate			1.3E-06	1.2E-03	4.1E-04	1.8E-11
PM<10			1.7E-06	1.6E-03	5.5E-04	2.3E-11
PM<2.5			1.4E-06	1.4E-03	4.8E-04	2.0E-11
PCBs						
Dichlorobiphenyl	8.0E-15	7.7E-14	2.3E-13	5.2E-09	1.7E-09	6.1E-15
Heptachlorobiphenyl	3.0E-16	8.7E-15	2.6E-14	7.0E-11	2.3E-11	3.7E-16
Hexachlorobiphenyl	1.2E-15	3.6E-14	1.1E-13	2.8E-10	9.4E-11	1.6E-15
Monochlorobiphenyl	5.6E-14	5.4E-13	1.6E-12	3.6E-08	1.2E-08	4.3E-14

Table H-136 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Nonachlorobiphenyl	3.8E-17	1.2E-15	3.7E-15	8.7E-12	2.9E-12	5.3E-17
Octachlorobiphenyl	9.0E-17	2.7E-15	8.0E-15	2.1E-11	6.9E-12	1.1E-16
Pentachlorobiphenyl	4.1E-15	1.2E-13	3.8E-13	9.4E-10	3.1E-10	5.4E-15
Tetrachlorobiphenyl	2.4E-15	2.5E-14	7.6E-14	1.5E-09	5.1E-10	2.0E-15
Trichlorobiphenyl	3.1E-15	3.2E-14	9.6E-14	2.0E-09	6.7E-10	2.5E-15
SVOCs						
1,2,4-trichlorobenzene				1.2E-08	3.9E-09	
1,2-dichlorobenzene	3.6E-18			2.6E-09	8.8E-10	
1,3-dichlorobenzene	9.2E-18			7.5E-09	2.5E-09	
1,4-dichlorobenzene	1.2E-16			9.3E-08	3.1E-08	
2,4-Dimethylphenol	3.3E-15			1.3E-06	4.3E-07	
2-Chlorophenol	1.7E-16			2.8E-07	9.4E-08	
2-Methylphenol	7.0E-14			3.2E-06	1.1E-06	
2-Nitrophenol	4.2E-16			4.3E-07	1.4E-07	
3-Methylphenol & 4-Methylphenol			1.6E-09	5.7E-06	1.9E-06	2.3E-14
4-Nitrophenol	8.6E-16			6.6E-07	2.2E-07	
Acetophenone	5.2E-15			6.6E-06	2.2E-06	
Benzoic acid	2.1E-14			3.1E-05	1.0E-05	
Benzyl alcohol	1.3E-17			1.9E-07	6.2E-08	
bis(2-Ethylhexyl) phthalate	6.5E-13	7.2E-10	3.1E-09	1.0E-05	3.4E-06	4.2E-14
Butyl benzyl phthalate	2.3E-13	4.0E-13	1.7E-12	3.4E-07	1.1E-07	2.3E-17
Carbazole			2.8E-12	4.1E-09	1.4E-09	3.8E-17

Table H-136 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibenzofuran		1.7E-14	2.4E-13	5.4E-07	1.8E-07	2.9E-14
Dimethyl phthalate	8.5E-17			8.1E-09	2.7E-09	
Di-n-butyl phthalate	2.2E-12	4.0E-13	1.7E-12	5.2E-07	1.7E-07	2.3E-17
Di-n-octyl phthalate	1.7E-17	5.2E-13	2.2E-12	1.6E-08	5.2E-09	3.0E-17
Hexachlorobutadiene	8.9E-15			1.1E-06	3.6E-07	
Phenol	1.9E-13			1.7E-05	5.7E-06	
Pyridine	1.0E-14			1.6E-06	5.4E-07	
TRS						
Total Reduced Sulfur				1.7E-05	5.8E-06	
VOCs						
1,1,1,2-Tetrachloroethane	3.5E-18			6.2E-09	2.1E-09	
1,1,1-Trichloroethane	2.3E-19			6.8E-09	2.3E-09	
1,1-Dichloroethene	7.9E-21			6.3E-10	2.1E-10	
1,2,3-Trichlorobenzene	2.5E-16			2.7E-08	9.0E-09	
1,2,3-Trichloropropane	1.4E-18			2.6E-09	8.8E-10	
1,2,4-Trimethylbenzene				2.7E-07	9.0E-08	
1,2-Dibromoethane	4.9E-19			1.7E-09	5.6E-10	
1,2-Dichloroethane	1.5E-17			1.4E-07	4.8E-08	
1,3,5-Trimethylbenzene	8.0E-17			2.4E-07	7.9E-08	
1,3-Dichloropropane				1.6E-09	5.4E-10	
2-Butanone	3.2E-15			1.8E-06	6.0E-07	
2-Chlorotoluene				8.3E-08	2.8E-08	

Table H-136 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Hexanone				3.3E-07	1.1E-07	
Benzene	2.6E-15			4.6E-05	1.5E-05	
Bromobenzene				9.1E-07	3.0E-07	
Bromochloromethane				2.1E-09	7.1E-10	
Bromodichloromethane	4.1E-19			2.3E-09	7.7E-10	
Bromomethane	1.8E-18			1.6E-07	5.2E-08	
Carbon disulfide	1.7E-18			1.3E-07	4.4E-08	
Carbon tetrachloride	1.8E-19			5.3E-09	1.8E-09	
Chlorobenzene	6.2E-17			2.3E-07	7.8E-08	
Chlorodibromomethane	2.4E-17			5.8E-08	1.9E-08	
Chloroethane	4.9E-18			4.3E-07	1.4E-07	
Chloroform	3.7E-18			5.2E-08	1.7E-08	
Chloromethane	1.3E-17			1.3E-06	4.3E-07	
cis-1,2-Dichloroethene	5.0E-18			9.7E-08	3.2E-08	
cis-1,3-Dichloropropene				5.9E-10	2.0E-10	
Dibromomethane	5.5E-19			5.0E-09	1.7E-09	
Dichlorodifluoromethane	6.2E-21			6.0E-09	2.0E-09	
Ethylbenzene	2.0E-15			1.0E-05	3.4E-06	
Isopropylbenzene	2.6E-18			7.4E-07	2.5E-07	
m&p-Xylene	3.1E-16			1.7E-06	5.6E-07	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	3.2E-18			8.7E-09	2.9E-09	
Methylene chloride	3.4E-17			9.0E-07	3.0E-07	

Table H-136 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Va pors Outdoors (ug/m3)
n-Butylbenzene				3.2E-07	1.1E-07	
n-Propylbenzene				4.2E-07	1.4E-07	
o-Xylene	3.7E-16			1.0E-06	3.5E-07	
p-Chlorotoluene				2.3E-08	7.6E-09	
p-Isopropyltoluene				1.3E-07	4.2E-08	
sec-Butylbenzene				5.9E-08	2.0E-08	
Styrene	1.2E-14			2.5E-05	8.5E-06	
tert-Butylbenzene				1.1E-06	3.7E-07	
Tetrachloroethene	8.7E-19			5.8E-09	1.9E-09	
Toluene	2.1E-15			1.7E-05	5.6E-06	
trans-1,2-Dichloroethene	7.8E-17			2.1E-06	6.9E-07	
trans-1,3-Dichloropropene				1.0E-09	3.4E-10	
Trichloroethene	9.0E-21			1.8E-10	5.9E-11	
Trichlorofluoromethane	1.4E-20			2.1E-09	7.1E-10	
Vinyl chloride	6.3E-19			1.6E-07	5.5E-08	

Table H-137 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			7.2E-05	9.0E-06	
Aldehydes					
Acetaldehyde			1.2E-04	1.6E-05	
Formaldehyde			4.9E-01	6.6E-06	
Propionaldehyde		1.9E-16	1.4E-05	1.7E-06	1.4E-12
CO					
Carbon monoxide			3.8E-03	4.8E-04	
CO2					
Carbon dioxide			1.2E-04	1.5E-05	
Criteria					
Sulfur Dioxide			3.2E-05	4.1E-06	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	6.4E-17	2.5E-16	7.3E-11	9.1E-12	1.2E-17
1,2,3,4,6,7,8-HpCDF	6.5E-17	2.6E-16	7.3E-11	9.2E-12	1.3E-17
1,2,3,4,7,8,9-HpCDF	7.5E-18	2.9E-17	9.3E-12	1.2E-12	1.4E-18
1,2,3,4,7,8-HxCDD	7.3E-18	2.9E-17	8.7E-12	1.1E-12	1.4E-18
1,2,3,4,7,8-HxCDF	5.8E-17	2.3E-16	7.1E-11	8.9E-12	1.1E-17
1,2,3,6,7,8-HxCDD	1.5E-17	5.9E-17	1.8E-11	2.3E-12	2.9E-18
1,2,3,6,7,8-HxCDF	1.9E-17	7.5E-17	2.3E-11	2.9E-12	3.7E-18
1,2,3,7,8,9-HxCDD	2.4E-17	9.3E-17	2.8E-11	3.5E-12	4.5E-18
1,2,3,7,8,9-HxCDF	1.4E-18	5.4E-18	1.8E-12	2.2E-13	2.6E-19

Table H-137 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	8.3E-18	3.3E-17	1.1E-11	1.4E-12	1.6E-18
1,2,3,7,8-PeCDF	9.7E-18	3.8E-17	1.6E-11	2.0E-12	1.9E-18
2,3,4,6,7,8-HxCDF	3.0E-17	1.2E-16	3.6E-11	4.5E-12	5.7E-18
2,3,4,7,8-PeCDF	2.3E-17	9.2E-17	3.5E-11	4.4E-12	4.5E-18
2,3,7,8-TCDD	1.7E-18	6.7E-18	4.4E-12	5.6E-13	2.3E-16
2,3,7,8-TCDF	3.1E-18	1.2E-17	1.6E-11	2.0E-12	6.0E-19
OCDD	4.4E-17	1.7E-16	4.8E-11	6.0E-12	8.4E-18
OCDF	1.7E-17	6.6E-17	1.8E-11	2.3E-12	3.2E-18
DNT					
2,4-Dinitrotoluene	3.4E-08	4.1E-08			2.0E-09
2,6-Dinitrotoluene	5.5E-08	6.5E-08			3.2E-09
HCN					
Hydrogen cyanide			1.4E-05	1.7E-06	
Metals					
Aluminum		6.7E-04			3.3E-05
Antimony		2.6E-08	8.9E-07	1.1E-07	1.3E-09
Arsenic	5.1E-08	1.2E-07	5.1E-08	6.4E-09	9.9E-09
Barium		1.5E-10	1.1E-05	1.3E-06	7.5E-12
Beryllium		9.0E-17	3.7E-09	4.6E-10	4.4E-18
Cadmium		7.0E-17	6.5E-08	8.1E-09	3.4E-18
Chromium		4.6E-12	5.5E-07	6.9E-08	2.2E-13
Cobalt		1.7E-06	8.4E-07	1.1E-07	8.2E-08

Table H-137 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Copper		1.7E-11	1.5E-06	1.9E-07	8.2E-13
Iron		1.5E-03			7.1E-05
Lead		8.8E-06	5.1E-07	6.4E-08	4.3E-07
Manganese		6.8E-14	4.7E-07	5.8E-08	3.3E-15
Mercury (+2)		1.5E-15	2.0E-09	2.5E-10	7.2E-17
Mercury, elemental		1.3E-09	8.4E-12	1.1E-12	2.5E-06
Methyl Mercury		8.7E-17			4.3E-18
Nickel		3.4E-05	3.0E-07	3.7E-08	1.7E-06
Phosphorus		6.4E-16	2.3E-06	2.8E-07	6.2E-12
Selenium		3.5E-18	1.5E-08	1.9E-09	1.7E-19
Silver		5.6E-14	9.8E-09	1.2E-09	2.7E-15
Thallium (Soluble Salts)		9.2E-09			4.5E-10
Titanium		6.9E-16	5.2E-09	6.5E-10	3.4E-17
Zinc		1.6E-14	1.2E-05	1.5E-06	7.7E-16
NOx					
NOx (Oxides of Nitrogen)			1.3E-04	1.7E-05	
PAHs					
1-Methylnaphthalene	2.0E-17	1.9E-17	2.8E-06	3.5E-07	2.1E-14
1-Methylphenanthrene		1.2E-14	3.4E-07	4.2E-08	6.1E-16
2,3,5-Trimethylnaphthalene		5.8E-15	1.7E-07	2.1E-08	2.8E-16
2,6-Dimethylnaphthalene		1.6E-14	4.4E-07	5.5E-08	7.8E-16
2-Methylnaphthalene	2.0E-17	1.8E-17	2.7E-06	3.4E-07	2.1E-14

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acenaphthylene		5.1E-14	1.6E-06	2.0E-07	2.5E-15
Acenaphthene			3.0E-07	3.7E-08	
Anthracene			5.2E-07	6.5E-08	
Benzo(a)anthracene	1.3E-08	1.2E-08	2.6E-07	3.2E-08	1.8E-07
Benzo(a)pyrene	2.3E-08	2.1E-08	1.0E-07	1.3E-08	1.0E-09
Benzo(b)fluoranthene	4.8E-08	4.4E-08	1.1E-07	1.4E-08	2.2E-09
Benzo(e)pyrene		2.9E-15	8.6E-08	1.1E-08	1.4E-16
Benzo(g,h,i)perylene		2.1E-15	6.6E-08	8.2E-09	1.1E-16
Benzo(k)fluoranthene	3.1E-09	2.8E-09	1.0E-09	1.2E-10	1.4E-10
Biphenyl		2.9E-16	9.5E-06	1.2E-06	1.7E-13
Chrysene	1.9E-08	1.8E-08	4.4E-07	5.5E-08	8.6E-10
Dibenze(a,h)anthracene	8.5E-10	7.7E-10	1.6E-08	2.0E-09	3.8E-11
Fluoranthene	5.2E-15	4.7E-15	6.4E-07	8.0E-08	2.3E-16
Fluorene			1.6E-06	2.0E-07	
Indeno(1,2,3-cd)pyrene	1.2E-08	1.1E-08	5.3E-08	6.6E-09	5.4E-10
Napthalene			1.3E-05	1.6E-06	
Perylene		1.1E-15	4.0E-08	4.9E-09	5.5E-17
Phenanthrene			3.0E-06	3.8E-07	
Pyrene	1.4E-14	1.3E-14	6.3E-07	7.8E-08	3.6E-13
Particulate					
Particulate Total Suspended Particulate		2.6E-10	2.0E-03	2.5E-04	1.3E-11
PM<10		3.3E-10	2.6E-03	3.3E-04	1.6E-11

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
PM<2.5		2.7E-10	2.3E-03	2.8E-04	1.3E-11
PCBs					
Dichlorobiphenyl	3.0E-17	2.6E-17	8.0E-09	9.9E-10	2.4E-15
Heptachlorobiphenyl	3.5E-18	2.9E-18	1.1E-10	1.4E-11	1.5E-16
Hexachlorobiphenyl	1.6E-17	1.3E-17	4.6E-10	5.7E-11	6.7E-16
Monochlorobiphenyl	2.1E-16	1.8E-16	5.5E-08	6.9E-09	1.7E-14
Nonachlorobiphenyl	6.1E-19	5.2E-19	1.5E-11	1.9E-12	2.6E-17
Octachlorobiphenyl	1.1E-18	9.5E-19	3.3E-11	4.2E-12	4.8E-17
Pentachlorobiphenyl	5.6E-17	4.8E-17	1.6E-09	2.0E-10	2.4E-15
Tetrachlorobiphenyl	1.2E-17	9.8E-18	2.6E-09	3.2E-10	9.1E-16
Trichlorobiphenyl	1.4E-17	1.2E-17	3.3E-09	4.1E-10	1.1E-15
Pesticides					
DDE		4.4E-09			1.4E-07
SVOCs					
1,2,4-trichlorobenzene			2.3E-08	2.9E-09	
1,2-dichlorobenzene			9.3E-09	1.2E-09	
1,3-Butadiene			2.7E-03		
1,3-dichlorobenzene			1.4E-08	1.7E-09	
1,4-dichlorobenzene			1.3E-07	1.6E-08	
1,4-Dioxane			6.3E-03		
2,4-Dimethylphenol			2.0E-06	2.5E-07	
2-Chlorophenol			4.1E-07	5.1E-08	

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Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Methylphenol			4.8E-06	6.0E-07	
2-Nitrophenol			6.5E-07	8.1E-08	
3-Methylphenol & 4-Methylphenol		3.2E-13	8.6E-06	1.1E-06	1.5E-14
4-Nitrophenol			1.1E-06	1.3E-07	
Acetophenone			1.0E-05	1.3E-06	
Benzoic acid			4.6E-05	5.8E-06	
Benzyl alcohol			3.9E-07	4.8E-08	
bis(2-Ethylhexyl) phthalate	5.7E-13	6.8E-13	1.6E-05	2.0E-06	3.3E-14
Butyl benzyl phthalate	2.8E-16	3.3E-16	5.1E-07	6.4E-08	1.6E-17
Carbazole		1.2E-15	1.4E-08	1.8E-09	5.9E-17
Dibenzofuran	1.2E-17	4.8E-17	8.2E-07	1.0E-07	2.1E-14
Dimethyl phthalate			2.9E-08	3.6E-09	
Di-n-butyl phthalate	2.8E-16	3.3E-16	7.9E-07	9.8E-08	1.6E-17
Di-n-octyl phthalate	8.0E-16	9.5E-16	5.5E-08	6.9E-09	4.7E-17
Hexachlorobutadiene			3.8E-06	4.8E-07	
Isopropanol			7.0E-02		
Phenol			2.6E-05	3.2E-06	
Pyridine			2.4E-06	3.1E-07	
TRS					
Total Reduced Sulfur			2.5E-05	3.1E-06	
VOCs					
1,1,1,2-Tetrachloroethane			1.2E-08	1.4E-09	

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,1,1-Trichloroethane			1.1E-08	1.4E-09	
1,1-Dichloroethene			2.2E-09	2.8E-10	
1,2,3-Trichlorobenzene			4.6E-08	5.7E-09	
1,2,3-Trichloropropane			9.3E-09	1.2E-09	
1,2,4-Trimethylbenzene			5.3E-07	6.7E-08	
1,2-Dibromoethane			5.9E-09	7.4E-10	
1,2-Dichloroethane			2.9E-03	8.6E-05	
1,3,5-Trimethylbenzene			5.0E-07	6.3E-08	
1,3-Dichloropropane			5.7E-09	7.2E-10	
2-Butanone			2.8E-06	3.5E-07	
2-Chlorotoluene			1.3E-07	1.6E-08	
2-Hexanone			5.8E-07	7.2E-08	
Benzene			7.2E-03	8.3E-04	
Bromobenzene			3.2E-06	4.0E-07	
Bromochloromethane			7.6E-09	9.4E-10	
Bromodichloromethane			8.2E-09	1.0E-09	
Bromomethane			3.3E-07	4.1E-08	
Carbon disulfide			2.9E-07	3.6E-08	
Carbon tetrachloride			1.3E-02	1.3E-03	
Chlorobenzene			4.1E-07	5.2E-08	
Chlorodibromomethane			2.0E-07	2.5E-08	
Chloroethane			7.8E-07	9.8E-08	

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Chloroform			2.2E-03	2.1E-04	
Chloromethane			2.7E-06	3.3E-07	
cis-1,2-Dichloroethene			3.4E-07	4.3E-08	
cis-1,3-Dichloropropene			2.1E-09	2.6E-10	
Dibromomethane			1.7E-08	2.2E-09	
Dichlorodifluoromethane			2.1E-08	2.7E-09	
Ethylbenzene			8.2E-03	2.1E-06	
Isopropylbenzene			1.4E-06	1.7E-07	
m&p-Xylene			3.1E-06	3.9E-07	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.1E-08	3.8E-09	
Methylene chloride			1.5E-06	1.9E-07	
n-Butylbenzene			6.7E-07	8.3E-08	
n-Propylbenzene			8.0E-07	1.0E-07	
o-Xylene			2.0E-06	2.5E-07	
p-Chlorotoluene			4.8E-08	5.9E-09	
p-Isopropyltoluene			3.3E-07	4.1E-08	
sec-Butylbenzene			1.2E-07	1.5E-08	
Styrene			4.4E-05	5.5E-06	
tert-Butylbenzene			3.9E-06	4.9E-07	
Tetrachloroethene			1.0E-08	1.3E-09	
Toluene			2.7E-05	3.4E-06	
trans-1,2-Dichloroethene			7.2E-06	9.1E-07	

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
trans-1,3-Dichloropropene			3.6E-09	4.5E-10	
Trichloroethene			3.9E-04	7.8E-11	
Trichlorofluoromethane			7.5E-09	9.4E-10	
Vinyl chloride			4.2E-07	5.3E-08	

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Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			8.4E-07	1.0E-07	
Aldehydes					
Acetaldehyde			1.4E-06	1.8E-07	
Formaldehyde			5.7E-03	7.7E-08	
Propionaldehyde		2.2E-15	1.6E-07	2.0E-08	1.7E-14
CO					
Carbon monoxide			4.5E-05	5.6E-06	
CO2					
Carbon dioxide			1.4E-06	1.8E-07	
Criteria					
Sulfur Dioxide			3.8E-07	4.7E-08	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	1.4E-15	5.5E-15	8.5E-13	1.1E-13	2.7E-19
1,2,3,4,6,7,8-HpCDF	1.4E-15	5.5E-15	8.6E-13	1.1E-13	2.7E-19
1,2,3,4,7,8,9-HpCDF	1.6E-16	6.4E-16	1.1E-13	1.4E-14	3.1E-20
1,2,3,4,7,8-HxCDD	1.6E-16	6.2E-16	1.0E-13	1.3E-14	3.1E-20
1,2,3,4,7,8-HxCDF	1.3E-15	4.9E-15	8.3E-13	1.0E-13	2.4E-19
1,2,3,6,7,8-HxCDD	3.2E-16	1.3E-15	2.1E-13	2.7E-14	6.2E-20
1,2,3,6,7,8-HxCDF	4.1E-16	1.6E-15	2.7E-13	3.4E-14	7.9E-20
1,2,3,7,8,9-HxCDD	5.1E-16	2.0E-15	3.2E-13	4.1E-14	9.8E-20
1,2,3,7,8,9-HxCDF	2.9E-17	1.2E-16	2.1E-14	2.6E-15	5.7E-21

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Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	1.8E-16	7.0E-16	1.3E-13	1.6E-14	3.5E-20
1,2,3,7,8-PeCDF	2.1E-16	8.3E-16	1.8E-13	2.3E-14	4.0E-20
2,3,4,6,7,8-HxCDF	6.4E-16	2.5E-15	4.2E-13	5.2E-14	1.2E-19
2,3,4,7,8-PeCDF	5.0E-16	2.0E-15	4.1E-13	5.2E-14	9.7E-20
2,3,7,8-TCDD	3.6E-17	1.4E-16	5.2E-14	6.5E-15	4.9E-18
2,3,7,8-TCDF	6.6E-17	2.6E-16	1.9E-13	2.4E-14	1.3E-20
OCDD	9.4E-16	3.7E-15	5.6E-13	7.0E-14	1.8E-19
OCDF	3.6E-16	1.4E-15	2.1E-13	2.6E-14	7.0E-20
DNT					
2,4-Dinitrotoluene	4.0E-07	4.7E-07			2.3E-11
2,6-Dinitrotoluene	6.4E-07	7.6E-07			3.7E-11
HCN					
Hydrogen cyanide			1.6E-07	2.0E-08	
Metals					
Aluminum		7.9E-03			3.9E-07
Antimony		3.0E-07	1.0E-08	1.3E-09	1.5E-11
Arsenic	6.0E-07	1.4E-06	5.9E-10	7.4E-11	1.2E-10
Barium		3.1E-09	1.3E-07	1.6E-08	1.5E-13
Beryllium		1.0E-15	4.3E-11	5.4E-12	5.1E-20
Cadmium		8.2E-16	7.6E-10	9.5E-11	4.0E-20
Chromium		8.3E-11	6.5E-09	8.1E-10	4.1E-15
Cobalt		1.9E-05	9.8E-09	1.2E-09	9.5E-10

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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Copper		3.4E-10	1.8E-08	2.2E-09	1.6E-14
Iron		1.7E-02			8.3E-07
Lead		1.0E-04	6.0E-09	7.5E-10	5.0E-09
Manganese		8.0E-13	5.5E-09	6.8E-10	3.9E-17
Mercury (+2)		3.4E-14	2.4E-11	2.9E-12	1.7E-18
Mercury, elemental		1.5E-08	9.8E-14	1.2E-14	2.9E-08
Methyl Mercury		2.0E-15			1.0E-19
Nickel		4.0E-04	3.5E-09	4.3E-10	2.0E-08
Phosphorus		7.5E-15	2.6E-08	3.3E-09	7.2E-14
Selenium		4.0E-17	1.7E-10	2.2E-11	2.0E-21
Silver		8.4E-13	1.1E-10	1.4E-11	4.1E-17
Thallium (Soluble Salts)		1.1E-07			5.2E-12
Titanium		8.0E-15	6.1E-11	7.6E-12	3.9E-19
Zinc		1.8E-13	1.4E-07	1.7E-08	9.0E-18
NOx					
NOx (Oxides of Nitrogen)			1.6E-06	2.0E-07	
PAHs					
1-Methylnaphthalene	2.4E-16	2.2E-16	3.3E-08	4.1E-09	2.5E-16
1-Methylphenanthrene		1.5E-13	3.9E-09	4.9E-10	7.1E-18
2,3,5-Trimethylnaphthalene		6.8E-14	1.9E-09	2.4E-10	3.3E-18
2,6-Dimethylnaphthalene		1.9E-13	5.1E-09	6.4E-10	9.1E-18
2-Methylnaphthalene	2.3E-16	2.1E-16	3.2E-08	4.0E-09	2.4E-16

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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acenaphthylene		6.0E-13	1.9E-08	2.4E-09	2.9E-17
Acenaphthene			3.5E-09	4.3E-10	
Anthracene			6.1E-09	7.6E-10	
Benzo(a)anthracene	1.6E-07	1.4E-07	3.0E-09	3.7E-10	2.1E-09
Benzo(a)pyrene	2.6E-07	2.4E-07	1.2E-09	1.5E-10	1.2E-11
Benzo(b)fluoranthene	5.7E-07	5.1E-07	1.3E-09	1.6E-10	2.5E-11
Benzo(e)pyrene		3.4E-14	1.0E-09	1.3E-10	1.7E-18
Benzo(g,h,i)perylene		2.5E-14	7.7E-10	9.6E-11	1.2E-18
Benzo(k)fluoranthene	3.6E-08	3.3E-08	1.2E-11	1.5E-12	1.6E-12
Biphenyl		3.3E-15	1.1E-07	1.4E-08	2.0E-15
Chrysene	2.3E-07	2.1E-07	5.1E-09	6.4E-10	1.0E-11
Dibenze(a,h)anthracene	9.9E-09	9.0E-09	1.9E-10	2.3E-11	4.4E-13
Fluoranthene	6.7E-14	6.1E-14	7.5E-09	9.4E-10	3.0E-18
Fluorene			1.9E-08	2.3E-09	
Indeno(1,2,3-cd)pyrene	1.4E-07	1.3E-07	6.2E-10	7.7E-11	6.3E-12
Napthalene			1.5E-07	1.9E-08	
Perylene		1.3E-14	4.6E-10	5.8E-11	6.5E-19
Phenanthrene			3.5E-08	4.4E-09	
Pyrene	2.5E-13	2.3E-13	7.3E-09	9.1E-10	6.4E-15
Particulate					
Particulate Total Suspended Particulate		3.0E-09	2.3E-05	2.9E-06	1.5E-13
PM<10		3.8E-09	3.1E-05	3.9E-06	1.9E-13

Table H-138 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
PM<2.5		3.2E-09	2.6E-05	3.3E-06	1.6E-13
PCBs					
Dichlorobiphenyl	6.5E-16	5.5E-16	9.3E-11	1.2E-11	5.1E-17
Heptachlorobiphenyl	7.5E-17	6.3E-17	1.3E-12	1.6E-13	3.2E-18
Hexachlorobiphenyl	3.4E-16	2.9E-16	5.3E-12	6.7E-13	1.5E-17
Monochlorobiphenyl	4.5E-15	3.8E-15	6.5E-10	8.1E-11	3.5E-16
Nonachlorobiphenyl	1.3E-17	1.1E-17	1.8E-13	2.2E-14	5.7E-19
Octachlorobiphenyl	2.4E-17	2.0E-17	3.9E-13	4.9E-14	1.0E-18
Pentachlorobiphenyl	1.2E-15	1.0E-15	1.8E-11	2.3E-12	5.2E-17
Tetrachlorobiphenyl	2.5E-16	2.1E-16	3.0E-11	3.8E-12	2.0E-17
Trichlorobiphenyl	3.0E-16	2.5E-16	3.8E-11	4.8E-12	2.3E-17
Pesticides					
DDE		5.1E-08			1.6E-09
SVOCs					
1,2,4-trichlorobenzene			2.7E-10	3.4E-11	
1,2-dichlorobenzene			1.1E-10	1.4E-11	
1,3-Butadiene			3.2E-05		
1,3-dichlorobenzene			1.6E-10	2.0E-11	
1,4-dichlorobenzene			1.5E-09	1.9E-10	
1,4-Dioxane			7.3E-05		
2,4-Dimethylphenol			2.4E-08	3.0E-09	
2-Chlorophenol			4.7E-09	5.9E-10	

Table H-138 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Methylphenol			5.6E-08	7.0E-09	
2-Nitrophenol			7.6E-09	9.4E-10	
3-Methylphenol & 4-Methylphenol		3.7E-12	1.0E-07	1.3E-08	1.8E-16
4-Nitrophenol			1.3E-08	1.6E-09	
Acetophenone			1.2E-07	1.5E-08	
Benzoic acid			5.4E-07	6.7E-08	
Benzyl alcohol			4.5E-09	5.6E-10	
bis(2-Ethylhexyl) phthalate	6.7E-12	8.0E-12	1.9E-07	2.4E-08	3.9E-16
Butyl benzyl phthalate	3.3E-15	3.8E-15	6.0E-09	7.5E-10	1.9E-19
Carbazole		1.4E-14	1.7E-10	2.1E-11	6.9E-19
Dibenzofuran	1.4E-16	5.7E-16	9.5E-09	1.2E-09	2.4E-16
Dimethyl phthalate			3.3E-10	4.2E-11	
Di-n-butyl phthalate	3.3E-15	3.9E-15	9.2E-09	1.1E-09	1.9E-19
Di-n-octyl phthalate	9.4E-15	1.1E-14	6.4E-10	8.0E-11	5.5E-19
Hexachlorobutadiene			4.4E-08	5.5E-09	
Isopropanol			8.2E-04		
Phenol			3.0E-07	3.8E-08	
Pyridine			2.9E-08	3.6E-09	
TRS					
Total Reduced Sulfur			2.9E-07	3.6E-08	
VOCs					
1,1,1,2-Tetrachloroethane			1.3E-10	1.7E-11	

Table H-138 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,1,1-Trichloroethane			1.3E-10	1.7E-11	
1,1-Dichloroethene			2.6E-11	3.2E-12	
1,2,3-Trichlorobenzene			5.3E-10	6.7E-11	
1,2,3-Trichloropropane			1.1E-10	1.4E-11	
1,2,4-Trimethylbenzene			6.2E-09	7.8E-10	
1,2-Dibromoethane			6.9E-11	8.6E-12	
1,2-Dichloroethane			3.4E-05	1.0E-06	
1,3,5-Trimethylbenzene			5.9E-09	7.3E-10	
1,3-Dichloropropane			6.7E-11	8.4E-12	
2-Butanone			3.3E-08	4.1E-09	
2-Chlorotoluene			1.5E-09	1.8E-10	
2-Hexanone			6.8E-09	8.4E-10	
Benzene			8.4E-05	9.7E-06	
Bromobenzene			3.7E-08	4.7E-09	
Bromochloromethane			8.8E-11	1.1E-11	
Bromodichloromethane			9.5E-11	1.2E-11	
Bromomethane			3.8E-09	4.8E-10	
Carbon disulfide			3.3E-09	4.2E-10	
Carbon tetrachloride			1.5E-04	1.5E-05	
Chlorobenzene			4.8E-09	6.0E-10	
Chlorodibromomethane			2.4E-09	3.0E-10	
Chloroethane			9.1E-09	1.1E-09	

Table H-138 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Chloroform			2.5E-05	2.4E-06	
Chloromethane			3.1E-08	3.9E-09	
cis-1,2-Dichloroethene			4.0E-09	5.0E-10	
cis-1,3-Dichloropropene			2.4E-11	3.0E-12	
Dibromomethane			2.0E-10	2.5E-11	
Dichlorodifluoromethane			2.5E-10	3.1E-11	
Ethylbenzene			9.6E-05	2.4E-08	
Isopropylbenzene			1.6E-08	2.0E-09	
m&p-Xylene			3.6E-08	4.6E-09	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.6E-10	4.5E-11	
Methylene chloride			1.8E-08	2.3E-09	
n-Butylbenzene			7.8E-09	9.7E-10	
n-Propylbenzene			9.4E-09	1.2E-09	
o-Xylene			2.3E-08	2.9E-09	
p-Chlorotoluene			5.5E-10	6.9E-11	
p-Isopropyltoluene			3.8E-09	4.8E-10	
sec-Butylbenzene			1.4E-09	1.8E-10	
Styrene			5.1E-07	6.4E-08	
tert-Butylbenzene			4.6E-08	5.7E-09	
Tetrachloroethene			1.2E-10	1.5E-11	
Toluene			3.2E-07	3.9E-08	
trans-1,2-Dichloroethene			8.4E-08	1.1E-08	

Table H-138 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
trans-1,3-Dichloropropene			4.2E-11	5.3E-12	
Trichloroethene			4.6E-06	9.1E-13	
Trichlorofluoromethane			8.7E-11	1.1E-11	
Vinyl chloride			5.0E-09	6.2E-10	

Table H-139 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						7.2E-05	1.7E-04	9.0E-06	9.0E-06		
Aldehydes											
Acetaldehyde	7.9E-15					1.2E-04	2.9E-04	1.6E-05	1.6E-05		
Formaldehyde	3.9E-14					4.9E-01	1.2E-04	6.6E-06	6.6E-06		
Propionaldehyde				1.9E-16	5.4E-16	1.4E-05	3.1E-05	1.7E-06	1.7E-06	1.4E-12	8.9E-12
CO											
Carbon monoxide						3.8E-03	8.8E-03	4.8E-04	4.8E-04		
CO2											
Carbon dioxide						1.2E-04	2.8E-04	1.5E-05	1.5E-05		
Criteria											
Sulfur Dioxide						3.2E-05	7.5E-05	4.1E-06	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	7.8E-20	6.4E-17	9.0E-17	2.5E-16	7.1E-16	7.3E-11	1.7E-10	9.1E-12	9.1E-12	1.2E-17	7.7E-17
1,2,3,4,6,7,8-HpCDF	7.6E-20	6.5E-17	9.1E-17	2.6E-16	7.2E-16	7.3E-11	1.7E-10	9.2E-12	9.2E-12	1.3E-17	7.8E-17
1,2,3,4,7,8,9-HpCDF	1.2E-20	7.5E-18	1.0E-17	2.9E-17	8.2E-17	9.3E-12	2.1E-11	1.2E-12	1.2E-12	1.4E-18	8.9E-18
1,2,3,4,7,8-HxCDD	9.4E-20	7.3E-18	1.0E-17	2.9E-17	8.1E-17	8.7E-12	2.0E-11	1.1E-12	1.1E-12	1.4E-18	8.7E-18
1,2,3,4,7,8-HxCDF	6.5E-19	5.8E-17	8.1E-17	2.3E-16	6.4E-16	7.1E-11	1.6E-10	8.9E-12	8.9E-12	1.1E-17	6.9E-17
1,2,3,6,7,8-HxCDD	1.8E-19	1.5E-17	2.1E-17	5.9E-17	1.6E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	2.9E-18	1.8E-17
1,2,3,6,7,8-HxCDF	2.4E-19	1.9E-17	2.7E-17	7.5E-17	2.1E-16	2.3E-11	5.3E-11	2.9E-12	2.9E-12	3.7E-18	2.3E-17
1,2,3,7,8,9-HxCDD	2.6E-19	2.4E-17	3.3E-17	9.3E-17	2.6E-16	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.5E-18	2.8E-17
1,2,3,7,8,9-HxCDF	2.1E-20	1.4E-18	1.9E-18	5.4E-18	1.5E-17	1.8E-12	4.1E-12	2.2E-13	2.2E-13	2.6E-19	1.6E-18
1,2,3,7,8-PeCDD	5.9E-19	8.3E-18	1.2E-17	3.3E-17	9.1E-17	1.1E-11	2.6E-11	1.4E-12	1.4E-12	1.6E-18	9.9E-18
1,2,3,7,8-PeCDF	8.2E-19	9.7E-18	1.4E-17	3.8E-17	1.1E-16	1.6E-11	3.6E-11	2.0E-12	2.0E-12	1.9E-18	1.2E-17

Table H-139 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	3.5E-19	3.0E-17	4.2E-17	1.2E-16	3.3E-16	3.6E-11	8.2E-11	4.5E-12	4.5E-12	5.7E-18	3.5E-17
2,3,4,7,8-PeCDF	1.3E-18	2.3E-17	3.2E-17	9.2E-17	2.6E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	4.5E-18	2.8E-17
2,3,7,8-TCDD	2.1E-19	1.7E-18	2.4E-18	6.7E-18	1.9E-17	4.4E-12	1.0E-11	5.6E-13	5.6E-13	2.3E-16	1.4E-15
2,3,7,8-TCDF	6.8E-19	3.1E-18	4.3E-18	1.2E-17	3.4E-17	1.6E-11	3.8E-11	2.0E-12	2.0E-12	6.0E-19	3.7E-18
OCDD	1.0E-21	4.4E-17	6.1E-17	1.7E-16	4.8E-16	4.8E-11	1.1E-10	6.0E-12	6.0E-12	8.4E-18	5.2E-17
OCDF	3.9E-22	1.7E-17	2.3E-17	6.6E-17	1.9E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	3.2E-18	2.0E-17
DNT											
2,4-Dinitrotoluene		3.4E-08		4.1E-08						2.0E-09	
2,6-Dinitrotoluene		5.5E-08		6.5E-08						3.2E-09	
HCN											
Hydrogen cyanide						1.4E-05	3.1E-05	1.7E-06	1.7E-06		
Metals											
Aluminum				6.7E-04	1.7E-03					3.3E-05	1.8E-04
Antimony	1.3E-18			2.6E-08	1.2E-07	8.9E-07	2.1E-06	1.1E-07	1.1E-07	1.3E-09	1.3E-08
Arsenic	7.0E-17	5.1E-08	2.0E-08	1.2E-07	9.3E-08	5.1E-08	1.2E-07	6.4E-09	6.4E-09	9.9E-09	1.7E-08
Barium	1.6E-13			1.5E-10	4.3E-10	1.1E-05	2.5E-05	1.3E-06	1.3E-06	7.5E-12	4.6E-11
Beryllium	2.8E-18			9.0E-17	2.5E-16	3.7E-09	8.5E-09	4.6E-10	4.6E-10	4.4E-18	2.7E-17
Cadmium	7.2E-16			7.0E-17	2.0E-16	6.5E-08	1.5E-07	8.1E-09	8.1E-09	3.4E-18	2.1E-17
Chromium	1.9E-16			4.6E-12	1.3E-11	5.5E-07	1.3E-06	6.9E-08	6.9E-08	2.2E-13	1.4E-12
Cobalt				1.7E-06	3.2E-06	8.4E-07	1.9E-06	1.1E-07	1.1E-07	8.2E-08	3.4E-07
Copper				1.7E-11	4.7E-11	1.5E-06	3.5E-06	1.9E-07	1.9E-07	8.2E-13	5.0E-12
Iron				1.5E-03	3.2E-03					7.1E-05	3.5E-04
Lead	5.9E-19			8.8E-06	2.0E-05	5.1E-07	1.2E-06	6.4E-08	6.4E-08	4.3E-07	2.1E-06
Manganese				6.8E-14	1.9E-13	4.7E-07	1.1E-06	5.8E-08	5.8E-08	3.3E-15	2.1E-14

Table H-139 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				1.5E-15	4.1E-15	2.0E-09	4.7E-09	2.5E-10	2.5E-10	7.2E-17	4.4E-16
Mercury, elemental				1.3E-09	3.8E-09	8.4E-12	1.9E-11	1.1E-12	1.1E-12	2.5E-06	1.5E-05
Methyl Mercury	5.6E-16			8.7E-17	2.4E-16					4.3E-18	2.6E-17
Nickel	2.8E-16			3.4E-05	6.1E-05	3.0E-07	6.9E-07	3.7E-08	3.7E-08	1.7E-06	6.6E-06
Phosphorus				6.4E-16	1.8E-15	2.3E-06	5.2E-06	2.8E-07	2.8E-07	6.2E-12	3.8E-11
Selenium	2.4E-17			3.5E-18	9.7E-18	1.5E-08	3.5E-08	1.9E-09	1.9E-09	1.7E-19	1.0E-18
Silver	1.6E-17			5.6E-14	1.6E-13	9.8E-09	2.3E-08	1.2E-09	1.2E-09	2.7E-15	1.7E-14
Thallium (Soluble Salts)				9.2E-09	1.4E-08					4.5E-10	1.6E-09
Titanium				6.9E-16	1.9E-15	5.2E-09	1.2E-08	6.5E-10	6.5E-10	3.4E-17	2.1E-16
Zinc	3.5E-13			1.6E-14	4.4E-14	1.2E-05	2.7E-05	1.5E-06	1.5E-06	7.7E-16	4.8E-15
NOx											
NOx (Oxides of Nitrogen)						1.3E-04	3.1E-04	1.7E-05	1.7E-05		
PAHs											
1-Methylnaphthalene		2.0E-17	2.9E-17	1.9E-17	5.2E-17	2.8E-06	6.5E-06	3.5E-07	3.5E-07	2.1E-14	1.3E-13
1-Methylphenanthrene				1.2E-14	3.5E-14	3.4E-07	7.8E-07	4.2E-08	4.2E-08	6.1E-16	3.7E-15
2,3,5-Trimethylnaphthalene				5.8E-15	1.6E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	2.8E-16	1.8E-15
2,6-Dimethylnaphthalene				1.6E-14	4.4E-14	4.4E-07	1.0E-06	5.5E-08	5.5E-08	7.8E-16	4.8E-15
2-Methylnaphthalene		2.0E-17	2.8E-17	1.8E-17	5.0E-17	2.7E-06	6.3E-06	3.4E-07	3.4E-07	2.1E-14	1.3E-13
Acenaphthylene				5.1E-14	1.4E-13	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.5E-15	1.5E-14
Acenaphthene	2.9E-16					3.0E-07	6.8E-07	3.7E-08	3.7E-08		
Anthracene	3.7E-15					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Benzo(a)anthracene	5.3E-13	1.3E-08	4.4E-08	1.2E-08	7.9E-08	2.6E-07	5.9E-07	3.2E-08	3.2E-08	1.8E-07	1.1E-06
Benzo(a)pyrene	2.6E-13	2.3E-08	4.8E-08	2.1E-08	8.8E-08	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.0E-09	9.5E-09
Benzo(b)fluoranthene	7.1E-14	4.8E-08	6.8E-08	4.4E-08	1.2E-07	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.2E-09	1.3E-08

Table H-139 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				2.9E-15	8.2E-15	8.6E-08	2.0E-07	1.1E-08	1.1E-08	1.4E-16	8.8E-16
Benzo(g,h,i)perylene				2.1E-15	6.0E-15	6.6E-08	1.5E-07	8.2E-09	8.2E-09	1.1E-16	6.5E-16
Benzo(k)fluoranthene	5.3E-16	3.1E-09	3.4E-08	2.8E-09	6.2E-08	1.0E-09	2.3E-09	1.2E-10	1.2E-10	1.4E-10	6.7E-09
Biphenyl				2.9E-16	8.0E-16	9.5E-06	2.2E-05	1.2E-06	1.2E-06	1.7E-13	1.0E-12
Chrysene	9.0E-14	1.9E-08	4.9E-08	1.8E-08	8.9E-08	4.4E-07	1.0E-06	5.5E-08	5.5E-08	8.6E-10	9.6E-09
Dibenzo(a,h)anthracene	1.3E-14	8.5E-10	1.2E-08	7.7E-10	2.2E-08	1.6E-08	3.7E-08	2.0E-09	2.0E-09	3.8E-11	2.3E-09
Fluoranthene	2.4E-14	5.2E-15	7.2E-15	4.7E-15	1.3E-14	6.4E-07	1.5E-06	8.0E-08	8.0E-08	2.3E-16	1.4E-15
Fluorene	5.2E-15					1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Indeno(1,2,3-cd)pyrene	3.2E-14	1.2E-08	3.1E-08	1.1E-08	5.7E-08	5.3E-08	1.2E-07	6.6E-09	6.6E-09	5.4E-10	6.1E-09
Napthalene	2.4E-15					1.3E-05	2.9E-05	1.6E-06	1.6E-06		
Perylene				1.1E-15	3.2E-15	4.0E-08	9.1E-08	4.9E-09	4.9E-09	5.5E-17	3.4E-16
Phenanthrene	2.5E-14					3.0E-06	6.9E-06	3.8E-07	3.8E-07		
Pyrene	1.7E-14	1.4E-14	2.0E-14	1.3E-14	3.6E-14	6.3E-07	1.4E-06	7.8E-08	7.8E-08	3.6E-13	2.2E-12
Particulate											
Particulate Total Suspended Particulate				2.6E-10	7.2E-10	2.0E-03	4.6E-03	2.5E-04	2.5E-04	1.3E-11	7.7E-11
PM<10				3.3E-10	9.2E-10	2.6E-03	6.1E-03	3.3E-04	3.3E-04	1.6E-11	9.9E-11
PM<2.5				2.7E-10	7.6E-10	2.3E-03	5.2E-03	2.8E-04	2.8E-04	1.3E-11	8.2E-11
PCBs											
Dichlorobiphenyl	5.2E-16	3.0E-17	4.2E-17	2.6E-17	7.2E-17	8.0E-09	1.8E-08	9.9E-10	9.9E-10	2.4E-15	1.5E-14
Heptachlorobiphenyl	2.0E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	1.1E-10	2.5E-10	1.4E-11	1.4E-11	1.5E-16	9.2E-16
Hexachlorobiphenyl	7.9E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	4.6E-10	1.1E-09	5.7E-11	5.7E-11	6.7E-16	4.1E-15
Monochlorobiphenyl	3.6E-15	2.1E-16	2.9E-16	1.8E-16	5.0E-16	5.5E-08	1.3E-07	6.9E-09	6.9E-09	1.7E-14	1.0E-13
Nonachlorobiphenyl	2.4E-18	6.1E-19	8.6E-19	5.2E-19	1.4E-18	1.5E-11	3.6E-11	1.9E-12	1.9E-12	2.6E-17	1.6E-16
Octachlorobiphenyl	5.8E-18	1.1E-18	1.6E-18	9.5E-19	2.7E-18	3.3E-11	7.7E-11	4.2E-12	4.2E-12	4.8E-17	3.0E-16

Table H-139 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	2.6E-16	5.6E-17	7.9E-17	4.8E-17	1.3E-16	1.6E-09	3.6E-09	2.0E-10	2.0E-10	2.4E-15	1.5E-14
Tetrachlorobiphenyl	1.5E-16	1.2E-17	1.6E-17	9.8E-18	2.7E-17	2.6E-09	6.0E-09	3.2E-10	3.2E-10	9.1E-16	5.6E-15
Trichlorobiphenyl	2.0E-16	1.4E-17	1.9E-17	1.2E-17	3.3E-17	3.3E-09	7.6E-09	4.1E-10	4.1E-10	1.1E-15	6.8E-15
Pesticides											
DDE				4.4E-09	1.9E-08					1.4E-07	8.6E-07
Dieldrin			8.5E-10		2.0E-09						2.2E-10
SVOCs											
1,2,4-trichlorobenzene						2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2-dichlorobenzene	2.4E-19					9.3E-09	2.2E-08	1.2E-09	1.2E-09		
1,3-Butadiene						2.7E-03					
1,3-dichlorobenzene	5.9E-19					1.4E-08	3.2E-08	1.7E-09	1.7E-09		
1,4-dichlorobenzene	7.9E-18					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
1,4-Dioxane						6.3E-03					
2,4-Dimethylphenol	2.2E-16					2.0E-06	4.7E-06	2.5E-07	2.5E-07		
2-Chlorophenol	1.1E-17					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
2-Methylphenol	4.5E-15					4.8E-06	1.1E-05	6.0E-07	6.0E-07		
2-Nitrophenol	2.7E-17					6.5E-07	1.5E-06	8.1E-08	8.1E-08		
3-Methylphenol & 4-Methylphenol				3.2E-13	8.8E-13	8.6E-06	2.0E-05	1.1E-06	1.1E-06	1.5E-14	9.5E-14
4-Nitrophenol	5.6E-17					1.1E-06	2.5E-06	1.3E-07	1.3E-07		
Acetophenone	3.4E-16					1.0E-05	2.3E-05	1.3E-06	1.3E-06		
Benzoic acid	1.4E-15					4.6E-05	1.1E-04	5.8E-06	5.8E-06		
Benzyl alcohol	8.4E-19					3.9E-07	8.9E-07	4.8E-08	4.8E-08		
bis(2-Ethylhexyl) phthalate	4.2E-14	5.7E-13	8.0E-13	6.8E-13	1.9E-12	1.6E-05	3.8E-05	2.0E-06	2.0E-06	3.3E-14	2.0E-13
Butyl benzyl phthalate	1.5E-14	2.8E-16	3.9E-16	3.3E-16	9.2E-16	5.1E-07	1.2E-06	6.4E-08	6.4E-08	1.6E-17	9.9E-17

Table H-139 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Carbazole				1.2E-15	3.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	5.9E-17	3.6E-16
Dibenzofuran		1.2E-17	1.7E-17	4.8E-17	1.4E-16	8.2E-07	1.9E-06	1.0E-07	1.0E-07	2.1E-14	1.3E-13
Dimethyl phthalate	5.5E-18					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
Di-n-butyl phthalate	1.4E-13	2.8E-16	3.9E-16	3.3E-16	9.2E-16	7.9E-07	1.8E-06	9.8E-08	9.8E-08	1.6E-17	9.9E-17
Di-n-octyl phthalate	1.1E-18	8.0E-16	1.1E-15	9.5E-16	2.7E-15	5.5E-08	1.3E-07	6.9E-09	6.9E-09	4.7E-17	2.9E-16
Hexachlorobutadiene	5.8E-16					3.8E-06	8.8E-06	4.8E-07	4.8E-07		
Isopropanol						7.0E-02	1.9E-01				
p-Chloroaniline			2.8E-08		6.6E-08						7.2E-09
Phenol	1.3E-14					2.6E-05	6.0E-05	3.2E-06	3.2E-06		
Pyridine	6.6E-16					2.4E-06	5.7E-06	3.1E-07	3.1E-07		
TRS											
Total Reduced Sulfur						2.5E-05	5.8E-05	3.1E-06	3.1E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.3E-19					1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,1,1-Trichloroethane	1.5E-20					1.1E-08	2.6E-08	1.4E-09	1.4E-09		
1,1-Dichloroethene	5.1E-22					2.2E-09	5.1E-09	2.8E-10	2.8E-10		
1,2,3-Trichlorobenzene	1.6E-17					4.6E-08	1.1E-07	5.7E-09	5.7E-09		
1,2,3-Trichloropropane	9.3E-20					9.3E-09	2.1E-08	1.2E-09	1.2E-09		
1,2,4-Trimethylbenzene						5.3E-07	1.2E-06	6.7E-08	6.7E-08		
1,2-Dibromoethane	3.2E-20					5.9E-09	1.4E-08	7.4E-10	7.4E-10		
1,2-Dichloroethane	1.0E-18					2.9E-03	3.8E-03	8.6E-05	8.6E-05		
1,3,5-Trimethylbenzene	5.2E-18					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
1,3-Dichloropropane						5.7E-09	1.3E-08	7.2E-10	7.2E-10		
2-Butanone	2.1E-16					2.8E-06	6.5E-06	3.5E-07	3.5E-07		

Table H-139 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
2-Chlorotoluene						1.3E-07	2.9E-07	1.6E-08	1.6E-08		
2-Hexanone						5.8E-07	1.3E-06	7.2E-08	7.2E-08		
Benzene	1.7E-16					7.2E-03	2.3E-02	8.3E-04	8.3E-04		
Bromobenzene						3.2E-06	7.4E-06	4.0E-07	4.0E-07		
Bromochloromethane						7.6E-09	1.7E-08	9.4E-10	9.4E-10		
Bromodichloromethane	2.7E-20					8.2E-09	2.9E-02	1.0E-09	1.0E-09		
Bromoform							1.3E-01				
Bromomethane	1.1E-19					3.3E-07	7.5E-07	4.1E-08	4.1E-08		
Carbon disulfide	1.1E-19					2.9E-07	6.6E-07	3.6E-08	3.6E-08		
Carbon tetrachloride	1.2E-20					1.3E-02	3.3E-02	1.3E-03	1.3E-03		
Chlorobenzene	4.0E-18					4.1E-07	9.5E-07	5.2E-08	5.2E-08		
Chlorodibromomethane	1.6E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
Chloroethane	3.2E-19					7.8E-07	1.8E-06	9.8E-08	9.8E-08		
Chloroform	2.4E-19					2.2E-03	6.8E-02	2.1E-04	2.1E-04		
Chloromethane	8.4E-19					2.7E-06	6.1E-06	3.3E-07	3.3E-07		
cis-1,2-Dichloroethene	3.3E-19					3.4E-07	7.9E-07	4.3E-08	4.3E-08		
cis-1,3-Dichloropropene						2.1E-09	4.8E-09	2.6E-10	2.6E-10		
Dibromomethane	3.6E-20					1.7E-08	4.0E-08	2.2E-09	2.2E-09		
Dichlorodifluoromethane	4.0E-22					2.1E-08	4.9E-08	2.7E-09	2.7E-09		
Ethylbenzene	1.3E-16					8.2E-03	1.9E-02	2.1E-06	2.1E-06		
Isopropylbenzene	1.7E-19					1.4E-06	3.1E-06	1.7E-07	1.7E-07		
m&p-Xylene	2.0E-17					3.1E-06	7.2E-06	3.9E-07	3.9E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.1E-19					3.1E-08	7.1E-08	3.8E-09	3.8E-09		
Methylene chloride	2.2E-18					1.5E-06	3.6E-06	1.9E-07	1.9E-07		

Table H-139 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
n-Butylbenzene						6.7E-07	1.5E-06	8.3E-08	8.3E-08		
n-Propylbenzene						8.0E-07	1.9E-06	1.0E-07	1.0E-07		
o-Xylene	2.4E-17					2.0E-06	4.5E-06	2.5E-07	2.5E-07		
p-Chlorotoluene						4.8E-08	1.1E-07	5.9E-09	5.9E-09		
p-Isopropyltoluene						3.3E-07	7.6E-07	4.1E-08	4.1E-08		
sec-Butylbenzene						1.2E-07	2.8E-07	1.5E-08	1.5E-08		
Styrene	8.0E-16					4.4E-05	1.0E-04	5.5E-06	5.5E-06		
tert-Butylbenzene						3.9E-06	9.0E-06	4.9E-07	4.9E-07		
Tetrachloroethene	5.7E-20					1.0E-08	2.4E-08	1.3E-09	1.3E-09		
Toluene	1.3E-16					2.7E-05	6.2E-05	3.4E-06	3.4E-06		
trans-1,2-Dichloroethene	5.0E-18					7.2E-06	1.7E-05	9.1E-07	9.1E-07		
trans-1,3-Dichloropropene						3.6E-09	8.4E-09	4.5E-10	4.5E-10		
Trichloroethene	5.8E-22					3.9E-04	3.8E-02	7.8E-11	7.8E-11		
Trichlorofluoromethane	9.0E-22					7.5E-09	1.7E-08	9.4E-10	9.4E-10		
Vinyl chloride	4.1E-20					4.2E-07	9.8E-07	5.3E-08	5.3E-08		

Table H-140 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					5.7E-03	1.4E-06	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19

Table H-140 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
DNT											
2,4-Dinitrotoluene		4.0E-07		4.7E-07						2.3E-11	
2,6-Dinitrotoluene		6.4E-07		7.6E-07						3.7E-11	
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				7.9E-03	2.0E-02					3.9E-07	2.1E-06
Antimony	1.6E-17			3.0E-07	1.4E-06	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.5E-11	1.5E-10
Arsenic	8.1E-16	6.0E-07	2.3E-07	1.4E-06	1.1E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	1.2E-10	2.0E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				1.9E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	9.5E-10	4.0E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				1.7E-02	3.7E-02					8.3E-07	4.0E-06
Lead	6.9E-18			1.0E-04	2.3E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.0E-09	2.5E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16

Table H-140 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				1.5E-08	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	2.9E-08	1.8E-07
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19
Nickel	3.3E-15			4.0E-04	7.1E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.0E-08	7.7E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Thallium (Soluble Salts)				1.1E-07	1.7E-07					5.2E-12	1.8E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	1.6E-07	5.1E-07	1.4E-07	9.3E-07	3.0E-09	6.9E-09	3.7E-10	3.7E-10	2.1E-09	1.3E-08
Benzo(a)pyrene	3.1E-12	2.6E-07	5.6E-07	2.4E-07	1.0E-06	1.2E-09	2.7E-09	1.5E-10	1.5E-10	1.2E-11	1.1E-10
Benzo(b)fluoranthene	8.3E-13	5.7E-07	7.9E-07	5.1E-07	1.4E-06	1.3E-09	3.0E-09	1.6E-10	1.6E-10	2.5E-11	1.5E-10

Table H-140 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	3.6E-08	4.0E-07	3.3E-08	7.2E-07	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.6E-12	7.8E-11
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.3E-07	5.7E-07	2.1E-07	1.0E-06	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.0E-11	1.1E-10
Dibenzo(a,h)anthracene	1.6E-13	9.9E-09	1.4E-07	9.0E-09	2.5E-07	1.9E-10	4.3E-10	2.3E-11	2.3E-11	4.4E-13	2.7E-11
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.4E-07	3.6E-07	1.3E-07	6.6E-07	6.2E-10	1.4E-09	7.7E-11	7.7E-11	6.3E-12	7.1E-11
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18

Table H-140 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16
Pesticides											
DDE				5.1E-08	2.2E-07					1.6E-09	1.0E-08
Dieldrin			1.0E-08		2.4E-08						2.5E-12
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						3.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
1,4-Dioxane						7.3E-05					
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18

Table H-140 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						8.2E-04	2.3E-03				
p-Chloroaniline			3.3E-07		7.7E-07						8.4E-11
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					3.4E-05	4.4E-05	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		

Table H-140 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.4E-05	2.7E-04	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	3.4E-04	1.2E-11	1.2E-11		
Bromoform							1.5E-03				
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.5E-04	3.9E-04	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					2.5E-05	7.9E-04	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					9.6E-05	2.2E-04	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		

Table H-140 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					4.6E-06	4.5E-04	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10		

Table H-141 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						7.2E-05	1.7E-04	9.0E-06	9.0E-06		
Aldehydes											
Acetaldehyde	7.9E-15					1.2E-04	2.9E-04	1.6E-05	1.6E-05		
Formaldehyde	3.9E-14					4.9E-01	3.4E+00	6.6E-06	6.6E-06		
Propionaldehyde				1.9E-16	5.4E-16	1.4E-05	3.1E-05	1.7E-06	1.7E-06	1.4E-12	8.9E-12
CO											
Carbon monoxide						3.8E-03	8.8E-03	4.8E-04	4.8E-04		
CO2											
Carbon dioxide						1.2E-04	2.8E-04	1.5E-05	1.5E-05		
Criteria											
Sulfur Dioxide						3.2E-05	7.5E-05	4.1E-06	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	7.8E-20	6.4E-17	9.0E-17	2.5E-16	7.1E-16	7.3E-11	1.7E-10	9.1E-12	9.1E-12	1.2E-17	7.7E-17
1,2,3,4,6,7,8-HpCDF	7.6E-20	6.5E-17	9.1E-17	2.6E-16	7.2E-16	7.3E-11	1.7E-10	9.2E-12	9.2E-12	1.3E-17	7.8E-17
1,2,3,4,7,8,9-HpCDF	1.2E-20	7.5E-18	1.0E-17	2.9E-17	8.2E-17	9.3E-12	2.1E-11	1.2E-12	1.2E-12	1.4E-18	8.9E-18
1,2,3,4,7,8-HxCDD	9.4E-20	7.3E-18	1.0E-17	2.9E-17	8.1E-17	8.7E-12	2.0E-11	1.1E-12	1.1E-12	1.4E-18	8.7E-18
1,2,3,4,7,8-HxCDF	6.5E-19	5.8E-17	8.1E-17	2.3E-16	6.4E-16	7.1E-11	1.6E-10	8.9E-12	8.9E-12	1.1E-17	6.9E-17
1,2,3,6,7,8-HxCDD	1.8E-19	1.5E-17	2.1E-17	5.9E-17	1.6E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	2.9E-18	1.8E-17
1,2,3,6,7,8-HxCDF	2.4E-19	1.9E-17	2.7E-17	7.5E-17	2.1E-16	2.3E-11	5.3E-11	2.9E-12	2.9E-12	3.7E-18	2.3E-17
1,2,3,7,8,9-HxCDD	2.6E-19	2.4E-17	3.3E-17	9.3E-17	2.6E-16	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.5E-18	2.8E-17
1,2,3,7,8,9-HxCDF	2.1E-20	1.4E-18	1.9E-18	5.4E-18	1.5E-17	1.8E-12	4.1E-12	2.2E-13	2.2E-13	2.6E-19	1.6E-18
1,2,3,7,8-PeCDD	5.9E-19	8.3E-18	1.2E-17	3.3E-17	9.1E-17	1.1E-11	2.6E-11	1.4E-12	1.4E-12	1.6E-18	9.9E-18
1,2,3,7,8-PeCDF	8.2E-19	9.7E-18	1.4E-17	3.8E-17	1.1E-16	1.6E-11	3.6E-11	2.0E-12	2.0E-12	1.9E-18	1.2E-17

Table H-141 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	3.5E-19	3.0E-17	4.2E-17	1.2E-16	3.3E-16	3.6E-11	8.2E-11	4.5E-12	4.5E-12	5.7E-18	3.5E-17
2,3,4,7,8-PeCDF	1.3E-18	2.3E-17	3.2E-17	9.2E-17	2.6E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	4.5E-18	2.8E-17
2,3,7,8-TCDD	2.1E-19	1.7E-18	2.4E-18	6.7E-18	1.9E-17	4.4E-12	1.0E-11	5.6E-13	5.6E-13	2.3E-16	1.4E-15
2,3,7,8-TCDF	6.8E-19	3.1E-18	4.3E-18	1.2E-17	3.4E-17	1.6E-11	3.8E-11	2.0E-12	2.0E-12	6.0E-19	3.7E-18
OCDD	1.0E-21	4.4E-17	6.1E-17	1.7E-16	4.8E-16	4.8E-11	1.1E-10	6.0E-12	6.0E-12	8.4E-18	5.2E-17
OCDF	3.9E-22	1.7E-17	2.3E-17	6.6E-17	1.9E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	3.2E-18	2.0E-17
DNT											
2,4-Dinitrotoluene		3.4E-08		4.1E-08						2.0E-09	
2,6-Dinitrotoluene		5.5E-08		6.5E-08						3.2E-09	
HCN											
Hydrogen cyanide						1.4E-05	3.1E-05	1.7E-06	1.7E-06		
Metals											
Aluminum				6.7E-04	2.0E-03					3.3E-05	2.2E-04
Antimony	1.3E-18			2.6E-08	4.1E-08	8.9E-07	2.1E-06	1.1E-07	1.1E-07	1.3E-09	4.4E-09
Arsenic	7.0E-17	5.1E-08	3.9E-08	1.2E-07	1.8E-07	5.1E-08	1.2E-07	6.4E-09	6.4E-09	9.9E-09	3.3E-08
Barium	1.6E-13			1.5E-10	4.3E-10	1.1E-05	2.5E-05	1.3E-06	1.3E-06	7.5E-12	4.6E-11
Beryllium	2.8E-18			9.0E-17	2.5E-16	3.7E-09	8.5E-09	4.6E-10	4.6E-10	4.4E-18	2.7E-17
Cadmium	7.2E-16			7.0E-17	2.0E-16	6.5E-08	1.5E-07	8.1E-09	8.1E-09	3.4E-18	2.1E-17
Chromium	1.9E-16			4.6E-12	1.3E-11	5.5E-07	1.3E-06	6.9E-08	6.9E-08	2.2E-13	1.4E-12
Cobalt				1.7E-06	3.2E-06	8.4E-07	1.9E-06	1.1E-07	1.1E-07	8.2E-08	3.4E-07
Copper				1.7E-11	4.7E-11	1.5E-06	3.5E-06	1.9E-07	1.9E-07	8.2E-13	5.0E-12
Iron				1.5E-03	3.4E-03					7.1E-05	3.7E-04
Lead	5.9E-19			8.8E-06	4.5E-06	5.1E-07	1.2E-06	6.4E-08	6.4E-08	4.3E-07	4.9E-07
Manganese				6.8E-14	1.9E-13	4.7E-07	1.1E-06	5.8E-08	5.8E-08	3.3E-15	2.1E-14

Table H-141 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				1.5E-15	4.1E-15	2.0E-09	4.7E-09	2.5E-10	2.5E-10	7.2E-17	4.4E-16
Mercury, elemental				1.3E-09	2.3E-09	8.4E-12	1.9E-11	1.1E-12	1.1E-12	2.5E-06	1.5E-05
Methyl Mercury	5.6E-16			8.7E-17	2.4E-16					4.3E-18	2.6E-17
Nickel	2.8E-16			3.4E-05	6.8E-05	3.0E-07	6.9E-07	3.7E-08	3.7E-08	1.7E-06	7.3E-06
Phosphorus				6.4E-16	1.8E-15	2.3E-06	5.2E-06	2.8E-07	2.8E-07	6.2E-12	3.8E-11
Selenium	2.4E-17			3.5E-18	9.7E-18	1.5E-08	3.5E-08	1.9E-09	1.9E-09	1.7E-19	1.0E-18
Silver	1.6E-17			5.6E-14	1.6E-13	9.8E-09	2.3E-08	1.2E-09	1.2E-09	2.7E-15	1.7E-14
Thallium (Soluble Salts)				9.2E-09	1.2E-08					4.5E-10	1.3E-09
Titanium				6.9E-16	1.9E-15	5.2E-09	1.2E-08	6.5E-10	6.5E-10	3.4E-17	2.1E-16
Zinc	3.5E-13			1.6E-14	4.4E-14	1.2E-05	2.7E-05	1.5E-06	1.5E-06	7.7E-16	4.8E-15
NOx											
NOx (Oxides of Nitrogen)						1.3E-04	3.1E-04	1.7E-05	1.7E-05		
PAHs											
1-Methylnaphthalene		2.0E-17	2.9E-17	1.9E-17	5.2E-17	2.8E-06	6.5E-06	3.5E-07	3.5E-07	2.1E-14	1.3E-13
1-Methylphenanthrene				1.2E-14	3.5E-14	3.4E-07	7.8E-07	4.2E-08	4.2E-08	6.1E-16	3.7E-15
2,3,5-Trimethylnaphthalene				5.8E-15	1.6E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	2.8E-16	1.8E-15
2,6-Dimethylnaphthalene				1.6E-14	4.4E-14	4.4E-07	1.0E-06	5.5E-08	5.5E-08	7.8E-16	4.8E-15
2-Methylnaphthalene		2.0E-17	2.8E-17	1.8E-17	5.0E-17	2.7E-06	6.3E-06	3.4E-07	3.4E-07	2.1E-14	1.3E-13
Acenaphthylene				5.1E-14	1.4E-13	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.5E-15	1.5E-14
Acenaphthene	2.9E-16					3.0E-07	6.8E-07	3.7E-08	3.7E-08		
Anthracene	3.7E-15					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Benzo(a)anthracene	5.3E-13	1.3E-08	2.0E-13	1.2E-08	3.6E-13	2.6E-07	5.9E-07	3.2E-08	3.2E-08	1.8E-07	1.1E-06
Benzo(a)pyrene	2.6E-13	2.3E-08	9.2E-14	2.1E-08	1.7E-13	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.0E-09	1.8E-14
Benzo(b)fluoranthene	7.1E-14	4.8E-08	5.3E-15	4.4E-08	9.7E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.2E-09	1.0E-15

Table H-141 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				2.9E-15	8.2E-15	8.6E-08	2.0E-07	1.1E-08	1.1E-08	1.4E-16	8.8E-16
Benzo(g,h,i)perylene				2.1E-15	6.0E-15	6.6E-08	1.5E-07	8.2E-09	8.2E-09	1.1E-16	6.5E-16
Benzo(k)fluoranthene	5.3E-16	3.1E-09	5.4E-15	2.8E-09	9.9E-15	1.0E-09	2.3E-09	1.2E-10	1.2E-10	1.4E-10	1.1E-15
Biphenyl				2.9E-16	8.0E-16	9.5E-06	2.2E-05	1.2E-06	1.2E-06	1.7E-13	1.0E-12
Chrysene	9.0E-14	1.9E-08	2.5E-13	1.8E-08	4.5E-13	4.4E-07	1.0E-06	5.5E-08	5.5E-08	8.6E-10	4.9E-14
Dibenzo(a,h)anthracene	1.3E-14	8.5E-10	3.2E-14	7.7E-10	5.8E-14	1.6E-08	3.7E-08	2.0E-09	2.0E-09	3.8E-11	6.2E-15
Fluoranthene	2.4E-14	5.2E-15	7.2E-15	4.7E-15	1.3E-14	6.4E-07	1.5E-06	8.0E-08	8.0E-08	2.3E-16	1.4E-15
Fluorene	5.2E-15					1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Indeno(1,2,3-cd)pyrene	3.2E-14	1.2E-08	9.0E-14	1.1E-08	1.6E-13	5.3E-08	1.2E-07	6.6E-09	6.6E-09	5.4E-10	1.8E-14
Napthalene	2.4E-15					1.3E-05	2.9E-05	1.6E-06	1.6E-06		
Perylene				1.1E-15	3.2E-15	4.0E-08	9.1E-08	4.9E-09	4.9E-09	5.5E-17	3.4E-16
Phenanthrene	2.5E-14					3.0E-06	6.9E-06	3.8E-07	3.8E-07		
Pyrene	1.7E-14	1.4E-14	2.0E-14	1.3E-14	3.6E-14	6.3E-07	1.4E-06	7.8E-08	7.8E-08	3.6E-13	2.2E-12
Particulate											
Particulate Total Suspended Particulate				2.6E-10	7.2E-10	2.0E-03	4.6E-03	2.5E-04	2.5E-04	1.3E-11	7.7E-11
PM<10				3.3E-10	9.2E-10	2.6E-03	6.1E-03	3.3E-04	3.3E-04	1.6E-11	9.9E-11
PM<2.5				2.7E-10	7.6E-10	2.3E-03	5.2E-03	2.8E-04	2.8E-04	1.3E-11	8.2E-11
PCBs											
Dichlorobiphenyl	5.2E-16	3.0E-17	4.2E-17	2.6E-17	7.2E-17	8.0E-09	1.8E-08	9.9E-10	9.9E-10	2.4E-15	1.5E-14
Heptachlorobiphenyl	2.0E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	1.1E-10	2.5E-10	1.4E-11	1.4E-11	1.5E-16	9.2E-16
Hexachlorobiphenyl	7.9E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	4.6E-10	1.1E-09	5.7E-11	5.7E-11	6.7E-16	4.1E-15
Monochlorobiphenyl	3.6E-15	2.1E-16	2.9E-16	1.8E-16	5.0E-16	5.5E-08	1.3E-07	6.9E-09	6.9E-09	1.7E-14	1.0E-13
Nonachlorobiphenyl	2.4E-18	6.1E-19	8.6E-19	5.2E-19	1.4E-18	1.5E-11	3.6E-11	1.9E-12	1.9E-12	2.6E-17	1.6E-16
Octachlorobiphenyl	5.8E-18	1.1E-18	1.6E-18	9.5E-19	2.7E-18	3.3E-11	7.7E-11	4.2E-12	4.2E-12	4.8E-17	3.0E-16

Table H-141 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	2.6E-16	5.6E-17	7.9E-17	4.8E-17	1.3E-16	1.6E-09	3.6E-09	2.0E-10	2.0E-10	2.4E-15	1.5E-14
Tetrachlorobiphenyl	1.5E-16	1.2E-17	1.6E-17	9.8E-18	2.7E-17	2.6E-09	6.0E-09	3.2E-10	3.2E-10	9.1E-16	5.6E-15
Trichlorobiphenyl	2.0E-16	1.4E-17	1.9E-17	1.2E-17	3.3E-17	3.3E-09	7.6E-09	4.1E-10	4.1E-10	1.1E-15	6.8E-15
Pesticides											
DDE				4.4E-09	6.7E-09					1.4E-07	8.6E-07
SVOCs											
1,2,4-trichlorobenzene						2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2-dichlorobenzene	2.4E-19					9.3E-09	2.2E-08	1.2E-09	1.2E-09		
1,3-Butadiene						2.7E-03					
1,3-dichlorobenzene	5.9E-19					1.4E-08	3.2E-08	1.7E-09	1.7E-09		
1,4-dichlorobenzene	7.9E-18					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
1,4-Dioxane						6.3E-03					
2,4-Dimethylphenol	2.2E-16					2.0E-06	4.7E-06	2.5E-07	2.5E-07		
2-Chlorophenol	1.1E-17					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
2-Methylphenol	4.5E-15					4.8E-06	1.1E-05	6.0E-07	6.0E-07		
2-Nitrophenol	2.7E-17					6.5E-07	1.5E-06	8.1E-08	8.1E-08		
3-Methylphenol & 4-Methylphenol				3.2E-13	8.8E-13	8.6E-06	2.0E-05	1.1E-06	1.1E-06	1.5E-14	9.5E-14
4-Nitrophenol	5.6E-17					1.1E-06	2.5E-06	1.3E-07	1.3E-07		
Acetophenone	3.4E-16					1.0E-05	2.3E-05	1.3E-06	1.3E-06		
Benzoic acid	1.4E-15					4.6E-05	1.1E-04	5.8E-06	5.8E-06		
Benzyl alcohol	8.4E-19					3.9E-07	8.9E-07	4.8E-08	4.8E-08		
bis(2-Ethylhexyl) phthalate	4.2E-14	5.7E-13	8.0E-13	6.8E-13	1.9E-12	1.6E-05	3.8E-05	2.0E-06	2.0E-06	3.3E-14	2.0E-13
Butyl benzyl phthalate	1.5E-14	2.8E-16	3.9E-16	3.3E-16	9.2E-16	5.1E-07	1.2E-06	6.4E-08	6.4E-08	1.6E-17	9.9E-17
Carbazole				1.2E-15	3.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	5.9E-17	3.6E-16

Table H-141 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Dibenzofuran		1.2E-17	1.7E-17	4.8E-17	1.4E-16	8.2E-07	1.9E-06	1.0E-07	1.0E-07	2.1E-14	1.3E-13
Dimethyl phthalate	5.5E-18					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
Di-n-butyl phthalate	1.4E-13	2.8E-16	3.9E-16	3.3E-16	9.2E-16	7.9E-07	1.8E-06	9.8E-08	9.8E-08	1.6E-17	9.9E-17
Di-n-octyl phthalate	1.1E-18	8.0E-16	1.1E-15	9.5E-16	2.7E-15	5.5E-08	1.3E-07	6.9E-09	6.9E-09	4.7E-17	2.9E-16
Hexachlorobutadiene	5.8E-16					3.8E-06	8.8E-06	4.8E-07	4.8E-07		
Isopropanol						7.0E-02					
Phenol	1.3E-14					2.6E-05	6.0E-05	3.2E-06	3.2E-06		
Pyridine	6.6E-16					2.4E-06	5.7E-06	3.1E-07	3.1E-07		
TRS											
Total Reduced Sulfur						2.5E-05	5.8E-05	3.1E-06	3.1E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.3E-19					1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,1,1-Trichloroethane	1.5E-20					1.1E-08	2.6E-08	1.4E-09	1.4E-09		
1,1-Dichloroethene	5.1E-22					2.2E-09	5.1E-09	2.8E-10	2.8E-10		
1,2,3-Trichlorobenzene	1.6E-17					4.6E-08	1.1E-07	5.7E-09	5.7E-09		
1,2,3-Trichloropropane	9.3E-20					9.3E-09	2.1E-08	1.2E-09	1.2E-09		
1,2,4-Trimethylbenzene						5.3E-07	1.2E-06	6.7E-08	6.7E-08		
1,2-Dibromoethane	3.2E-20					5.9E-09	1.4E-08	7.4E-10	7.4E-10		
1,2-Dichloroethane	1.0E-18					2.9E-03	5.5E-07	8.6E-05	8.6E-05		
1,3,5-Trimethylbenzene	5.2E-18					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
1,3-Dichloropropane						5.7E-09	1.3E-08	7.2E-10	7.2E-10		
2-Butanone	2.1E-16					2.8E-06	6.5E-06	3.5E-07	3.5E-07		
2-Chlorotoluene						1.3E-07	2.9E-07	1.6E-08	1.6E-08		
2-Hexanone						5.8E-07	1.3E-06	7.2E-08	7.2E-08		

Table H-141 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzene	1.7E-16					7.2E-03	1.7E-04	8.3E-04	8.3E-04		
Bromobenzene						3.2E-06	7.4E-06	4.0E-07	4.0E-07		
Bromochloromethane						7.6E-09	1.7E-08	9.4E-10	9.4E-10		
Bromodichloromethane	2.7E-20					8.2E-09	1.9E-08	1.0E-09	1.0E-09		
Bromomethane	1.1E-19					3.3E-07	7.5E-07	4.1E-08	4.1E-08		
Carbon disulfide	1.1E-19					2.9E-07	6.6E-07	3.6E-08	3.6E-08		
Carbon tetrachloride	1.2E-20					1.3E-02	4.3E-08	1.3E-03	1.3E-03		
Chlorobenzene	4.0E-18					4.1E-07	9.5E-07	5.2E-08	5.2E-08		
Chlorodibromomethane	1.6E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
Chloroethane	3.2E-19					7.8E-07	1.8E-06	9.8E-08	9.8E-08		
Chloroform	2.4E-19					2.2E-03	3.9E-07	2.1E-04	2.1E-04		
Chloromethane	8.4E-19					2.7E-06	6.1E-06	3.3E-07	3.3E-07		
cis-1,2-Dichloroethene	3.3E-19					3.4E-07	7.9E-07	4.3E-08	4.3E-08		
cis-1,3-Dichloropropene						2.1E-09	4.8E-09	2.6E-10	2.6E-10		
Dibromomethane	3.6E-20					1.7E-08	4.0E-08	2.2E-09	2.2E-09		
Dichlorodifluoromethane	4.0E-22					2.1E-08	4.9E-08	2.7E-09	2.7E-09		
Ethylbenzene	1.3E-16					8.2E-03	3.9E-05	2.1E-06	2.1E-06		
Isopropylbenzene	1.7E-19					1.4E-06	3.1E-06	1.7E-07	1.7E-07		
m&p-Xylene	2.0E-17					3.1E-06	7.2E-06	3.9E-07	3.9E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.1E-19					3.1E-08	7.1E-08	3.8E-09	3.8E-09		
Methylene chloride	2.2E-18					1.5E-06	3.6E-06	1.9E-07	1.9E-07		
n-Butylbenzene						6.7E-07	1.5E-06	8.3E-08	8.3E-08		
n-Propylbenzene						8.0E-07	1.9E-06	1.0E-07	1.0E-07		
o-Xylene	2.4E-17					2.0E-06	4.5E-06	2.5E-07	2.5E-07		

Table H-141 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
p-Chlorotoluene						4.8E-08	1.1E-07	5.9E-09	5.9E-09		
p-Isopropyltoluene						3.3E-07	7.6E-07	4.1E-08	4.1E-08		
sec-Butylbenzene						1.2E-07	2.8E-07	1.5E-08	1.5E-08		
Styrene	8.0E-16					4.4E-05	1.0E-04	5.5E-06	5.5E-06		
tert-Butylbenzene						3.9E-06	9.0E-06	4.9E-07	4.9E-07		
Tetrachloroethene	5.7E-20					1.0E-08	2.4E-08	1.3E-09	1.3E-09		
Toluene	1.3E-16					2.7E-05	6.2E-05	3.4E-06	3.4E-06		
trans-1,2-Dichloroethene	5.0E-18					7.2E-06	1.7E-05	9.1E-07	9.1E-07		
trans-1,3-Dichloropropene						3.6E-09	8.4E-09	4.5E-10	4.5E-10		
Trichloroethene	5.8E-22					3.9E-04	1.4E-09	7.8E-11	7.8E-11		
Trichlorofluoromethane	9.0E-22					7.5E-09	1.7E-08	9.4E-10	9.4E-10		
Vinyl chloride	4.1E-20					4.2E-07	9.8E-07	5.3E-08	5.3E-08		

Table H-142 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					5.7E-03	4.0E-02	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18	
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18	
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19	
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19	
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18	
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19	
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19	
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19	
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20	
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19	
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19	

Table H-142 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
DNT											
2,4-Dinitrotoluene		4.0E-07		4.7E-07						2.3E-11	
2,6-Dinitrotoluene		6.4E-07		7.6E-07						3.7E-11	
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				7.9E-03	2.4E-02					3.9E-07	2.6E-06
Antimony	1.6E-17			3.0E-07	4.8E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.5E-11	5.2E-11
Arsenic	8.1E-16	6.0E-07	4.6E-07	1.4E-06	2.2E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	1.2E-10	3.9E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				1.9E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	9.5E-10	4.0E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				1.7E-02	4.0E-02					8.3E-07	4.3E-06
Lead	6.9E-18			1.0E-04	5.3E-05	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.0E-09	5.7E-09
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16

Table H-142 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				1.5E-08	2.7E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	2.9E-08	1.8E-07
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19
Nickel	3.3E-15			4.0E-04	7.9E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.0E-08	8.5E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Thallium (Soluble Salts)				1.1E-07	1.4E-07					5.2E-12	1.6E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	1.6E-07	2.8E-12	1.4E-07	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	2.1E-09	1.3E-08
Benzo(a)pyrene	3.1E-12	2.6E-07	1.2E-12	2.4E-07	2.3E-12	1.2E-09	2.7E-09	1.5E-10	1.5E-10	1.2E-11	2.4E-16
Benzo(b)fluoranthene	8.3E-13	5.7E-07	7.3E-14	5.1E-07	1.3E-13	1.3E-09	3.0E-09	1.6E-10	1.6E-10	2.5E-11	1.4E-17

Table H-142 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	3.6E-08	9.7E-14	3.3E-08	1.8E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.6E-12	1.9E-17
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.3E-07	3.8E-12	2.1E-07	6.9E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.0E-11	7.4E-16
Dibenze(a,h)anthracene	1.6E-13	9.9E-09	4.7E-13	9.0E-09	8.6E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	4.4E-13	9.3E-17
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.4E-07	1.3E-12	1.3E-07	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	6.3E-12	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18

Table H-142 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16
Pesticides											
DDE				5.1E-08	7.8E-08					1.6E-09	1.0E-08
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						3.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
1,4-Dioxane						7.3E-05					
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18

Table H-142 (Average Daily Dose)

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Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						8.2E-04					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					3.4E-05	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		

Table H-142 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Benzene	2.0E-15					8.4E-05	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.5E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					2.5E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					9.6E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		

Table H-142 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					4.6E-06	1.7E-11	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10		

Table H-143 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						7.2E-05	1.7E-04	9.0E-06	9.0E-06		
Aldehydes											
Acetaldehyde	7.9E-15					1.2E-04	2.9E-04	1.6E-05	1.6E-05		
Formaldehyde	3.9E-14					4.9E-01	2.3E+00	6.6E-06	6.6E-06		
Propionaldehyde				1.9E-16	5.4E-16	1.4E-05	3.1E-05	1.7E-06	1.7E-06	1.4E-12	8.9E-12
CO											
Carbon monoxide						3.8E-03	8.8E-03	4.8E-04	4.8E-04		
CO2											
Carbon dioxide						1.2E-04	2.8E-04	1.5E-05	1.5E-05		
Criteria											
Sulfur Dioxide						3.2E-05	7.5E-05	4.1E-06	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	7.8E-20	6.4E-17	9.0E-17	2.5E-16	7.1E-16	7.3E-11	1.7E-10	9.1E-12	9.1E-12	1.2E-17	7.7E-17
1,2,3,4,6,7,8-HpCDF	7.6E-20	6.5E-17	9.1E-17	2.6E-16	7.2E-16	7.3E-11	1.7E-10	9.2E-12	9.2E-12	1.3E-17	7.8E-17
1,2,3,4,7,8,9-HpCDF	1.2E-20	7.5E-18	1.0E-17	2.9E-17	8.2E-17	9.3E-12	2.1E-11	1.2E-12	1.2E-12	1.4E-18	8.9E-18
1,2,3,4,7,8-HxCDD	9.4E-20	7.3E-18	1.0E-17	2.9E-17	8.1E-17	8.7E-12	2.0E-11	1.1E-12	1.1E-12	1.4E-18	8.7E-18
1,2,3,4,7,8-HxCDF	6.5E-19	5.8E-17	8.1E-17	2.3E-16	6.4E-16	7.1E-11	1.6E-10	8.9E-12	8.9E-12	1.1E-17	6.9E-17
1,2,3,6,7,8-HxCDD	1.8E-19	1.5E-17	2.1E-17	5.9E-17	1.6E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	2.9E-18	1.8E-17
1,2,3,6,7,8-HxCDF	2.4E-19	1.9E-17	2.7E-17	7.5E-17	2.1E-16	2.3E-11	5.3E-11	2.9E-12	2.9E-12	3.7E-18	2.3E-17
1,2,3,7,8,9-HxCDD	2.6E-19	2.4E-17	3.3E-17	9.3E-17	2.6E-16	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.5E-18	2.8E-17
1,2,3,7,8,9-HxCDF	2.1E-20	1.4E-18	1.9E-18	5.4E-18	1.5E-17	1.8E-12	4.1E-12	2.2E-13	2.2E-13	2.6E-19	1.6E-18
1,2,3,7,8-PeCDD	5.9E-19	8.3E-18	1.2E-17	3.3E-17	9.1E-17	1.1E-11	2.6E-11	1.4E-12	1.4E-12	1.6E-18	9.9E-18
1,2,3,7,8-PeCDF	8.2E-19	9.7E-18	1.4E-17	3.8E-17	1.1E-16	1.6E-11	3.6E-11	2.0E-12	2.0E-12	1.9E-18	1.2E-17

Table H-143 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	3.5E-19	3.0E-17	4.2E-17	1.2E-16	3.3E-16	3.6E-11	8.2E-11	4.5E-12	4.5E-12	5.7E-18	3.5E-17
2,3,4,7,8-PeCDF	1.3E-18	2.3E-17	3.2E-17	9.2E-17	2.6E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	4.5E-18	2.8E-17
2,3,7,8-TCDD	2.1E-19	1.7E-18	2.4E-18	6.7E-18	1.9E-17	4.4E-12	1.0E-11	5.6E-13	5.6E-13	2.3E-16	1.4E-15
2,3,7,8-TCDF	6.8E-19	3.1E-18	4.3E-18	1.2E-17	3.4E-17	1.6E-11	3.8E-11	2.0E-12	2.0E-12	6.0E-19	3.7E-18
OCDD	1.0E-21	4.4E-17	6.1E-17	1.7E-16	4.8E-16	4.8E-11	1.1E-10	6.0E-12	6.0E-12	8.4E-18	5.2E-17
OCDF	3.9E-22	1.7E-17	2.3E-17	6.6E-17	1.9E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	3.2E-18	2.0E-17
DNT											
2,4-Dinitrotoluene		3.4E-08		4.1E-08						2.0E-09	
2,6-Dinitrotoluene		5.5E-08		6.5E-08						3.2E-09	
HCN											
Hydrogen cyanide						1.4E-05	3.1E-05	1.7E-06	1.7E-06		
Metals											
Aluminum				6.7E-04	1.6E-03					3.3E-05	1.8E-04
Antimony	1.3E-18			2.6E-08	1.4E-08	8.9E-07	2.1E-06	1.1E-07	1.1E-07	1.3E-09	1.6E-09
Arsenic	7.0E-17	5.1E-08	1.6E-08	1.2E-07	7.4E-08	5.1E-08	1.2E-07	6.4E-09	6.4E-09	9.9E-09	1.3E-08
Barium	1.6E-13			1.5E-10	4.3E-10	1.1E-05	2.5E-05	1.3E-06	1.3E-06	7.5E-12	4.6E-11
Beryllium	2.8E-18			9.0E-17	2.5E-16	3.7E-09	8.5E-09	4.6E-10	4.6E-10	4.4E-18	2.7E-17
Cadmium	7.2E-16			7.0E-17	2.0E-16	6.5E-08	1.5E-07	8.1E-09	8.1E-09	3.4E-18	2.1E-17
Chromium	1.9E-16			4.6E-12	1.3E-11	5.5E-07	1.3E-06	6.9E-08	6.9E-08	2.2E-13	1.4E-12
Cobalt				1.7E-06	5.4E-06	8.4E-07	1.9E-06	1.1E-07	1.1E-07	8.2E-08	5.9E-07
Copper				1.7E-11	4.7E-11	1.5E-06	3.5E-06	1.9E-07	1.9E-07	8.2E-13	5.0E-12
Iron				1.5E-03	3.7E-03					7.1E-05	4.0E-04
Lead	5.9E-19			8.8E-06	1.2E-05	5.1E-07	1.2E-06	6.4E-08	6.4E-08	4.3E-07	1.3E-06
Manganese				6.8E-14	1.9E-13	4.7E-07	1.1E-06	5.8E-08	5.8E-08	3.3E-15	2.1E-14

Table H-143 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				1.5E-15	4.1E-15	2.0E-09	4.7E-09	2.5E-10	2.5E-10	7.2E-17	4.4E-16
Mercury, elemental				1.3E-09	3.8E-09	8.4E-12	1.9E-11	1.1E-12	1.1E-12	2.5E-06	1.5E-05
Methyl Mercury	5.6E-16			8.7E-17	2.4E-16					4.3E-18	2.6E-17
Nickel	2.8E-16			3.4E-05	1.1E-04	3.0E-07	6.9E-07	3.7E-08	3.7E-08	1.7E-06	1.2E-05
Phosphorus				6.4E-16	1.8E-15	2.3E-06	5.2E-06	2.8E-07	2.8E-07	6.2E-12	3.8E-11
Selenium	2.4E-17			3.5E-18	9.7E-18	1.5E-08	3.5E-08	1.9E-09	1.9E-09	1.7E-19	1.0E-18
Silver	1.6E-17			5.6E-14	1.6E-13	9.8E-09	2.3E-08	1.2E-09	1.2E-09	2.7E-15	1.7E-14
Thallium (Soluble Salts)				9.2E-09						4.5E-10	
Titanium				6.9E-16	1.9E-15	5.2E-09	1.2E-08	6.5E-10	6.5E-10	3.4E-17	2.1E-16
Zinc	3.5E-13			1.6E-14	4.4E-14	1.2E-05	2.7E-05	1.5E-06	1.5E-06	7.7E-16	4.8E-15
NOx											
NOx (Oxides of Nitrogen)						1.3E-04	3.1E-04	1.7E-05	1.7E-05		
PAHs											
1-Methylnaphthalene		2.0E-17	2.9E-17	1.9E-17	5.2E-17	2.8E-06	6.5E-06	3.5E-07	3.5E-07	2.1E-14	1.3E-13
1-Methylphenanthrene				1.2E-14	3.5E-14	3.4E-07	7.8E-07	4.2E-08	4.2E-08	6.1E-16	3.7E-15
2,3,5-Trimethylnaphthalene				5.8E-15	1.6E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	2.8E-16	1.8E-15
2,6-Dimethylnaphthalene				1.6E-14	4.4E-14	4.4E-07	1.0E-06	5.5E-08	5.5E-08	7.8E-16	4.8E-15
2-Methylnaphthalene		2.0E-17	2.8E-17	1.8E-17	5.0E-17	2.7E-06	6.3E-06	3.4E-07	3.4E-07	2.1E-14	1.3E-13
Acenaphthylene				5.1E-14	1.4E-13	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.5E-15	1.5E-14
Acenaphthene	2.9E-16					3.0E-07	6.8E-07	3.7E-08	3.7E-08		
Anthracene	3.7E-15					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Benzo(a)anthracene	5.3E-13	1.3E-08	2.0E-13	1.2E-08	3.6E-13	2.6E-07	5.9E-07	3.2E-08	3.2E-08	1.8E-07	1.1E-06
Benzo(a)pyrene	2.6E-13	2.3E-08	1.1E-08	2.1E-08	2.1E-08	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.0E-09	2.2E-09
Benzo(b)fluoranthene	7.1E-14	4.8E-08	1.0E-08	4.4E-08	1.8E-08	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.2E-09	2.0E-09

Table H-143 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				2.9E-15	8.2E-15	8.6E-08	2.0E-07	1.1E-08	1.1E-08	1.4E-16	8.8E-16
Benzo(g,h,i)perylene				2.1E-15	6.0E-15	6.6E-08	1.5E-07	8.2E-09	8.2E-09	1.1E-16	6.5E-16
Benzo(k)fluoranthene	5.3E-16	3.1E-09	5.4E-15	2.8E-09	9.9E-15	1.0E-09	2.3E-09	1.2E-10	1.2E-10	1.4E-10	1.1E-15
Biphenyl				2.9E-16	8.0E-16	9.5E-06	2.2E-05	1.2E-06	1.2E-06	1.7E-13	1.0E-12
Chrysene	9.0E-14	1.9E-08	2.5E-13	1.8E-08	4.5E-13	4.4E-07	1.0E-06	5.5E-08	5.5E-08	8.6E-10	4.9E-14
Dibenzo(a,h)anthracene	1.3E-14	8.5E-10	3.2E-14	7.7E-10	5.8E-14	1.6E-08	3.7E-08	2.0E-09	2.0E-09	3.8E-11	6.2E-15
Fluoranthene	2.4E-14	5.2E-15	7.2E-15	4.7E-15	1.3E-14	6.4E-07	1.5E-06	8.0E-08	8.0E-08	2.3E-16	1.4E-15
Fluorene	5.2E-15					1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Indeno(1,2,3-cd)pyrene	3.2E-14	1.2E-08	9.0E-14	1.1E-08	1.6E-13	5.3E-08	1.2E-07	6.6E-09	6.6E-09	5.4E-10	1.8E-14
Napthalene	2.4E-15					1.3E-05	2.9E-05	1.6E-06	1.6E-06		
Perylene				1.1E-15	3.2E-15	4.0E-08	9.1E-08	4.9E-09	4.9E-09	5.5E-17	3.4E-16
Phenanthrene	2.5E-14					3.0E-06	6.9E-06	3.8E-07	3.8E-07		
Pyrene	1.7E-14	1.4E-14	2.0E-14	1.3E-14	3.6E-14	6.3E-07	1.4E-06	7.8E-08	7.8E-08	3.6E-13	2.2E-12
Particulate											
Particulate Total Suspended Particulate				2.6E-10	7.2E-10	2.0E-03	4.6E-03	2.5E-04	2.5E-04	1.3E-11	7.7E-11
PM<10				3.3E-10	9.2E-10	2.6E-03	6.1E-03	3.3E-04	3.3E-04	1.6E-11	9.9E-11
PM<2.5				2.7E-10	7.6E-10	2.3E-03	5.2E-03	2.8E-04	2.8E-04	1.3E-11	8.2E-11
PCBs											
Dichlorobiphenyl	5.2E-16	3.0E-17	4.2E-17	2.6E-17	7.2E-17	8.0E-09	1.8E-08	9.9E-10	9.9E-10	2.4E-15	1.5E-14
Heptachlorobiphenyl	2.0E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	1.1E-10	2.5E-10	1.4E-11	1.4E-11	1.5E-16	9.2E-16
Hexachlorobiphenyl	7.9E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	4.6E-10	1.1E-09	5.7E-11	5.7E-11	6.7E-16	4.1E-15
Monochlorobiphenyl	3.6E-15	2.1E-16	2.9E-16	1.8E-16	5.0E-16	5.5E-08	1.3E-07	6.9E-09	6.9E-09	1.7E-14	1.0E-13
Nonachlorobiphenyl	2.4E-18	6.1E-19	8.6E-19	5.2E-19	1.4E-18	1.5E-11	3.6E-11	1.9E-12	1.9E-12	2.6E-17	1.6E-16
Octachlorobiphenyl	5.8E-18	1.1E-18	1.6E-18	9.5E-19	2.7E-18	3.3E-11	7.7E-11	4.2E-12	4.2E-12	4.8E-17	3.0E-16

Table H-143 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	2.6E-16	5.6E-17	7.9E-17	4.8E-17	1.3E-16	1.6E-09	3.6E-09	2.0E-10	2.0E-10	2.4E-15	1.5E-14
Tetrachlorobiphenyl	1.5E-16	1.2E-17	1.6E-17	9.8E-18	2.7E-17	2.6E-09	6.0E-09	3.2E-10	3.2E-10	9.1E-16	5.6E-15
Trichlorobiphenyl	2.0E-16	1.4E-17	1.9E-17	1.2E-17	3.3E-17	3.3E-09	7.6E-09	4.1E-10	4.1E-10	1.1E-15	6.8E-15
Pesticides											
DDE				4.4E-09	2.4E-08					1.4E-07	8.6E-07
SVOCs											
1,2,4-trichlorobenzene						2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2-dichlorobenzene	2.4E-19					9.3E-09	2.2E-08	1.2E-09	1.2E-09		
1,3-Butadiene						2.7E-03					
1,3-dichlorobenzene	5.9E-19					1.4E-08	3.2E-08	1.7E-09	1.7E-09		
1,4-dichlorobenzene	7.9E-18					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
1,4-Dioxane						6.3E-03					
2,4-Dimethylphenol	2.2E-16					2.0E-06	4.7E-06	2.5E-07	2.5E-07		
2-Chlorophenol	1.1E-17					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
2-Methylphenol	4.5E-15					4.8E-06	1.1E-05	6.0E-07	6.0E-07		
2-Nitrophenol	2.7E-17					6.5E-07	1.5E-06	8.1E-08	8.1E-08		
3-Methylphenol & 4-Methylphenol				3.2E-13	8.8E-13	8.6E-06	2.0E-05	1.1E-06	1.1E-06	1.5E-14	9.5E-14
4-Nitrophenol	5.6E-17					1.1E-06	2.5E-06	1.3E-07	1.3E-07		
Acetophenone	3.4E-16					1.0E-05	2.3E-05	1.3E-06	1.3E-06		
Benzoic acid	1.4E-15					4.6E-05	1.1E-04	5.8E-06	5.8E-06		
Benzyl alcohol	8.4E-19					3.9E-07	8.9E-07	4.8E-08	4.8E-08		
bis(2-Ethylhexyl) phthalate	4.2E-14	5.7E-13	8.0E-13	6.8E-13	1.9E-12	1.6E-05	3.8E-05	2.0E-06	2.0E-06	3.3E-14	2.0E-13
Butyl benzyl phthalate	1.5E-14	2.8E-16	3.9E-16	3.3E-16	9.2E-16	5.1E-07	1.2E-06	6.4E-08	6.4E-08	1.6E-17	9.9E-17
Carbazole				1.2E-15	3.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	5.9E-17	3.6E-16

Table H-143 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Dibenzofuran		1.2E-17	1.7E-17	4.8E-17	1.4E-16	8.2E-07	1.9E-06	1.0E-07	1.0E-07	2.1E-14	1.3E-13
Dimethyl phthalate	5.5E-18					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
Di-n-butyl phthalate	1.4E-13	2.8E-16	3.9E-16	3.3E-16	9.2E-16	7.9E-07	1.8E-06	9.8E-08	9.8E-08	1.6E-17	9.9E-17
Di-n-octyl phthalate	1.1E-18	8.0E-16	1.1E-15	9.5E-16	2.7E-15	5.5E-08	1.3E-07	6.9E-09	6.9E-09	4.7E-17	2.9E-16
Hexachlorobutadiene	5.8E-16					3.8E-06	8.8E-06	4.8E-07	4.8E-07		
Isopropanol						7.0E-02					
Phenol	1.3E-14					2.6E-05	6.0E-05	3.2E-06	3.2E-06		
Pyridine	6.6E-16					2.4E-06	5.7E-06	3.1E-07	3.1E-07		
TRS											
Total Reduced Sulfur						2.5E-05	5.8E-05	3.1E-06	3.1E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.3E-19					1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,1,1-Trichloroethane	1.5E-20					1.1E-08	2.6E-08	1.4E-09	1.4E-09		
1,1-Dichloroethene	5.1E-22					2.2E-09	5.1E-09	2.8E-10	2.8E-10		
1,2,3-Trichlorobenzene	1.6E-17					4.6E-08	1.1E-07	5.7E-09	5.7E-09		
1,2,3-Trichloropropane	9.3E-20					9.3E-09	2.1E-08	1.2E-09	1.2E-09		
1,2,4-Trimethylbenzene						5.3E-07	1.2E-06	6.7E-08	6.7E-08		
1,2-Dibromoethane	3.2E-20					5.9E-09	1.4E-08	7.4E-10	7.4E-10		
1,2-Dichloroethane	1.0E-18					2.9E-03	5.5E-07	8.6E-05	8.6E-05		
1,3,5-Trimethylbenzene	5.2E-18					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
1,3-Dichloropropane						5.7E-09	1.3E-08	7.2E-10	7.2E-10		
2-Butanone	2.1E-16					2.8E-06	6.5E-06	3.5E-07	3.5E-07		
2-Chlorotoluene						1.3E-07	2.9E-07	1.6E-08	1.6E-08		
2-Hexanone						5.8E-07	1.3E-06	7.2E-08	7.2E-08		

Table H-143 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Benzene	1.7E-16					7.2E-03	1.7E-04	8.3E-04	8.3E-04		
Bromobenzene						3.2E-06	7.4E-06	4.0E-07	4.0E-07		
Bromochloromethane						7.6E-09	1.7E-08	9.4E-10	9.4E-10		
Bromodichloromethane	2.7E-20					8.2E-09	1.9E-08	1.0E-09	1.0E-09		
Bromomethane	1.1E-19					3.3E-07	7.5E-07	4.1E-08	4.1E-08		
Carbon disulfide	1.1E-19					2.9E-07	6.6E-07	3.6E-08	3.6E-08		
Carbon tetrachloride	1.2E-20					1.3E-02	4.3E-08	1.3E-03	1.3E-03		
Chlorobenzene	4.0E-18					4.1E-07	9.5E-07	5.2E-08	5.2E-08		
Chlorodibromomethane	1.6E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
Chloroethane	3.2E-19					7.8E-07	1.8E-06	9.8E-08	9.8E-08		
Chloroform	2.4E-19					2.2E-03	3.9E-07	2.1E-04	2.1E-04		
Chloromethane	8.4E-19					2.7E-06	6.1E-06	3.3E-07	3.3E-07		
cis-1,2-Dichloroethene	3.3E-19					3.4E-07	7.9E-07	4.3E-08	4.3E-08		
cis-1,3-Dichloropropene						2.1E-09	4.8E-09	2.6E-10	2.6E-10		
Dibromomethane	3.6E-20					1.7E-08	4.0E-08	2.2E-09	2.2E-09		
Dichlorodifluoromethane	4.0E-22					2.1E-08	4.9E-08	2.7E-09	2.7E-09		
Ethylbenzene	1.3E-16					8.2E-03	3.9E-05	2.1E-06	2.1E-06		
Isopropylbenzene	1.7E-19					1.4E-06	3.1E-06	1.7E-07	1.7E-07		
m&p-Xylene	2.0E-17					3.1E-06	7.2E-06	3.9E-07	3.9E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.1E-19					3.1E-08	7.1E-08	3.8E-09	3.8E-09		
Methylene chloride	2.2E-18					1.5E-06	3.6E-06	1.9E-07	1.9E-07		
n-Butylbenzene						6.7E-07	1.5E-06	8.3E-08	8.3E-08		
n-Propylbenzene						8.0E-07	1.9E-06	1.0E-07	1.0E-07		
o-Xylene	2.4E-17					2.0E-06	4.5E-06	2.5E-07	2.5E-07		

Table H-143 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
p-Chlorotoluene						4.8E-08	1.1E-07	5.9E-09	5.9E-09		
p-Isopropyltoluene						3.3E-07	7.6E-07	4.1E-08	4.1E-08		
sec-Butylbenzene						1.2E-07	2.8E-07	1.5E-08	1.5E-08		
Styrene	8.0E-16					4.4E-05	1.0E-04	5.5E-06	5.5E-06		
tert-Butylbenzene						3.9E-06	9.0E-06	4.9E-07	4.9E-07		
Tetrachloroethene	5.7E-20					1.0E-08	2.4E-08	1.3E-09	1.3E-09		
Toluene	1.3E-16					2.7E-05	6.2E-05	3.4E-06	3.4E-06		
trans-1,2-Dichloroethene	5.0E-18					7.2E-06	1.7E-05	9.1E-07	9.1E-07		
trans-1,3-Dichloropropene						3.6E-09	8.4E-09	4.5E-10	4.5E-10		
Trichloroethene	5.8E-22					3.9E-04	1.4E-09	7.8E-11	7.8E-11		
Trichlorofluoromethane	9.0E-22					7.5E-09	1.7E-08	9.4E-10	9.4E-10		
Vinyl chloride	4.1E-20					4.2E-07	9.8E-07	5.3E-08	5.3E-08		

Table H-144 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					5.7E-03	2.7E-02	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19

Table H-144 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
DNT											
2,4-Dinitrotoluene		4.0E-07		4.7E-07						2.3E-11	
2,6-Dinitrotoluene		6.4E-07		7.6E-07						3.7E-11	
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				7.9E-03	1.9E-02					3.9E-07	2.1E-06
Antimony	1.6E-17			3.0E-07	1.7E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.5E-11	1.8E-11
Arsenic	8.1E-16	6.0E-07	1.8E-07	1.4E-06	8.6E-07	5.9E-10	1.4E-09	7.4E-11	7.4E-11	1.2E-10	1.6E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				1.9E-05	6.4E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	9.5E-10	6.9E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				1.7E-02	4.3E-02					8.3E-07	4.7E-06
Lead	6.9E-18			1.0E-04	1.4E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.0E-09	1.6E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16

Table H-144 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				1.5E-08	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	2.9E-08	1.8E-07
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19
Nickel	3.3E-15			4.0E-04	1.3E-03	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.0E-08	1.4E-07
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Thallium (Soluble Salts)				1.1E-07						5.2E-12	
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	1.6E-07	2.8E-12	1.4E-07	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	2.1E-09	1.3E-08
Benzo(a)pyrene	3.1E-12	2.6E-07	1.3E-07	2.4E-07	2.4E-07	1.2E-09	2.7E-09	1.5E-10	1.5E-10	1.2E-11	2.6E-11
Benzo(b)fluoranthene	8.3E-13	5.7E-07	1.2E-07	5.1E-07	2.2E-07	1.3E-09	3.0E-09	1.6E-10	1.6E-10	2.5E-11	2.3E-11

Table H-144 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	3.6E-08	9.7E-14	3.3E-08	1.8E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.6E-12	1.9E-17
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.3E-07	3.8E-12	2.1E-07	6.9E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.0E-11	7.4E-16
Dibenze(a,h)anthracene	1.6E-13	9.9E-09	4.7E-13	9.0E-09	8.6E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	4.4E-13	9.3E-17
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.4E-07	1.3E-12	1.3E-07	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	6.3E-12	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18

Table H-144 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16
Pesticides											
DDE				5.1E-08	2.8E-07					1.6E-09	1.0E-08
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						3.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
1,4-Dioxane						7.3E-05					
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18

Table H-144 (Average Daily Dose)

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Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						8.2E-04					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					3.4E-05	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		

Table H-144 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Benzene	2.0E-15					8.4E-05	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.5E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					2.5E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					9.6E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		

Table H-144 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					4.6E-06	1.7E-11	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10		

Table H-145 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						7.2E-05	2.6E-03	9.0E-06	8.5E-04		
Aldehydes											
Acetaldehyde	7.9E-15					1.2E-04	4.4E-03	1.6E-05	1.5E-03		
Formaldehyde	3.9E-14					4.9E-01	1.7E-03	6.6E-06	5.8E-04		
Propionaldehyde				1.9E-16	6.2E-15	1.4E-05	4.9E-04	1.7E-06	1.6E-04	1.4E-12	1.0E-10
CO											
Carbon monoxide						3.8E-03	1.4E-01	4.8E-04	4.8E-02		
CO2											
Carbon dioxide						1.2E-04	4.3E-03	1.5E-05	1.4E-03		
Criteria											
Sulfur Dioxide						3.2E-05	1.0E-03	4.1E-06	3.5E-04		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	7.8E-20	6.4E-17	1.2E-15	2.5E-16	9.5E-15	7.3E-11	2.9E-09	9.1E-12	9.7E-10	1.2E-17	1.0E-15
1,2,3,4,6,7,8-HpCDF	7.6E-20	6.5E-17	1.2E-15	2.6E-16	9.5E-15	7.3E-11	2.9E-09	9.2E-12	9.7E-10	1.3E-17	1.0E-15
1,2,3,4,7,8,9-HpCDF	1.2E-20	7.5E-18	1.5E-16	2.9E-17	1.1E-15	9.3E-12	3.8E-10	1.2E-12	1.3E-10	1.4E-18	1.2E-16
1,2,3,4,7,8-HxCDD	9.4E-20	7.3E-18	1.4E-16	2.9E-17	1.1E-15	8.7E-12	3.5E-10	1.1E-12	1.2E-10	1.4E-18	1.2E-16
1,2,3,4,7,8-HxCDF	6.5E-19	5.8E-17	1.1E-15	2.3E-16	8.8E-15	7.1E-11	2.9E-09	8.9E-12	9.6E-10	1.1E-17	9.5E-16
1,2,3,6,7,8-HxCDD	1.8E-19	1.5E-17	2.9E-16	5.9E-17	2.3E-15	1.8E-11	7.4E-10	2.3E-12	2.5E-10	2.9E-18	2.5E-16
1,2,3,6,7,8-HxCDF	2.4E-19	1.9E-17	3.7E-16	7.5E-17	2.9E-15	2.3E-11	9.4E-10	2.9E-12	3.1E-10	3.7E-18	3.2E-16
1,2,3,7,8,9-HxCDD	2.6E-19	2.4E-17	4.5E-16	9.3E-17	3.6E-15	2.8E-11	1.1E-09	3.5E-12	3.8E-10	4.5E-18	3.9E-16
1,2,3,7,8,9-HxCDF	2.1E-20	1.4E-18	2.7E-17	5.4E-18	2.1E-16	1.8E-12	7.2E-11	2.2E-13	2.4E-11	2.6E-19	2.3E-17
1,2,3,7,8-PeCDD	5.9E-19	8.3E-18	1.6E-16	3.3E-17	1.3E-15	1.1E-11	4.5E-10	1.4E-12	1.5E-10	1.6E-18	1.4E-16
1,2,3,7,8-PeCDF	8.2E-19	9.7E-18	1.9E-16	3.8E-17	1.5E-15	1.6E-11	6.5E-10	2.0E-12	2.2E-10	1.9E-18	1.6E-16

Table H-145 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Apors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	3.5E-19	3.0E-17	5.6E-16	1.2E-16	4.4E-15	3.6E-11	1.4E-09	4.5E-12	4.8E-10	5.7E-18	4.8E-16
2,3,4,7,8-PeCDF	1.3E-18	2.3E-17	4.6E-16	9.2E-17	3.6E-15	3.5E-11	1.4E-09	4.4E-12	4.8E-10	4.5E-18	3.9E-16
2,3,7,8-TCDD	2.1E-19	1.7E-18	2.5E-17	6.7E-18	1.9E-16	4.4E-12	1.5E-10	5.6E-13	5.0E-11	2.3E-16	1.5E-14
2,3,7,8-TCDF	6.8E-19	3.1E-18	6.2E-17	1.2E-17	4.9E-16	1.6E-11	6.7E-10	2.0E-12	2.2E-10	6.0E-19	5.2E-17
OCDD	1.0E-21	4.4E-17	8.0E-16	1.7E-16	6.3E-15	4.8E-11	1.9E-09	6.0E-12	6.4E-10	8.4E-18	6.8E-16
OCDF	3.9E-22	1.7E-17	3.0E-16	6.6E-17	2.4E-15	1.8E-11	7.0E-10	2.3E-12	2.3E-10	3.2E-18	2.6E-16
DNT											
2,4-Dinitrotoluene		3.4E-08		4.1E-08						2.0E-09	
2,6-Dinitrotoluene		5.5E-08		6.5E-08						3.2E-09	
HCN											
Hydrogen cyanide						1.4E-05	5.3E-04	1.7E-06	1.8E-04		
Metals											
Aluminum				6.7E-04						3.3E-05	
Antimony	1.3E-18			2.6E-08		8.9E-07	2.2E-05	1.1E-07	7.4E-06	1.3E-09	
Arsenic	7.0E-17	5.1E-08	4.1E-18	1.2E-07	2.0E-17	5.1E-08	1.8E-06	6.4E-09	6.0E-07	9.9E-09	3.5E-18
Barium	1.6E-13			1.5E-10	5.3E-09	1.1E-05	2.9E-04	1.3E-06	9.7E-05	7.5E-12	5.7E-10
Beryllium	2.8E-18			9.0E-17	3.4E-15	3.7E-09	1.2E-07	4.6E-10	4.1E-08	4.4E-18	3.6E-16
Cadmium	7.2E-16			7.0E-17	2.7E-15	6.5E-08	2.3E-06	8.1E-09	7.6E-07	3.4E-18	2.9E-16
Chromium	1.9E-16			4.6E-12	1.8E-10	5.5E-07	2.0E-05	6.9E-08	6.6E-06	2.2E-13	1.9E-11
Cobalt				1.7E-06	4.8E-10	8.4E-07	1.5E-05	1.1E-07	5.1E-06	8.2E-08	5.2E-11
Copper				1.7E-11	6.3E-10	1.5E-06	5.2E-05	1.9E-07	1.7E-05	8.2E-13	6.8E-11
Iron				1.5E-03						7.1E-05	
Lead	5.9E-19			8.8E-06	3.3E-13	5.1E-07	1.7E-05	6.4E-08	5.6E-06	4.3E-07	3.5E-14
Manganese				6.8E-14	2.6E-12	4.7E-07	1.6E-05	5.8E-08	5.4E-06	3.3E-15	2.8E-13

Table H-145 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				1.5E-15	4.5E-14	2.0E-09	7.1E-08	2.5E-10	2.4E-08	7.2E-17	4.9E-15
Mercury, elemental				1.3E-09		8.4E-12	3.0E-10	1.1E-12	9.9E-11	2.5E-06	
Methyl Mercury	5.6E-16			8.7E-17	3.4E-15					4.3E-18	3.6E-16
Nickel	2.8E-16			3.4E-05	1.3E-14	3.0E-07	1.0E-05	3.7E-08	3.4E-06	1.7E-06	1.4E-15
Phosphorus				6.4E-16	2.4E-14	2.3E-06	7.4E-05	2.8E-07	2.5E-05	6.2E-12	5.0E-10
Selenium	2.4E-17			3.5E-18	1.3E-16	1.5E-08	5.2E-07	1.9E-09	1.7E-07	1.7E-19	1.4E-17
Silver	1.6E-17			5.6E-14	2.1E-12	9.8E-09	3.2E-07	1.2E-09	1.1E-07	2.7E-15	2.2E-13
Thallium (Soluble Salts)				9.2E-09						4.5E-10	
Titanium				6.9E-16	2.8E-14	5.2E-09	2.0E-07	6.5E-10	6.5E-08	3.4E-17	3.0E-15
Zinc	3.5E-13			1.6E-14	5.6E-13	1.2E-05	3.4E-04	1.5E-06	1.1E-04	7.7E-16	6.0E-14
NOx											
NOx (Oxides of Nitrogen)						1.3E-04	4.5E-03	1.7E-05	1.5E-03		
PAHs											
1-Methylnaphthalene		2.0E-17	4.2E-16	1.9E-17	7.6E-16	2.8E-06	1.2E-04	3.5E-07	3.9E-05	2.1E-14	1.9E-12
1-Methylphenanthrene				1.2E-14	5.1E-13	3.4E-07	1.4E-05	4.2E-08	4.7E-06	6.1E-16	5.5E-14
2,3,5-Trimethylnaphthalene				5.8E-15	2.5E-13	1.7E-07	7.2E-06	2.1E-08	2.4E-06	2.8E-16	2.7E-14
2,6-Dimethylnaphthalene				1.6E-14	6.7E-13	4.4E-07	1.9E-05	5.5E-08	6.2E-06	7.8E-16	7.2E-14
2-Methylnaphthalene		2.0E-17	4.0E-16	1.8E-17	7.4E-16	2.7E-06	1.1E-04	3.4E-07	3.8E-05	2.1E-14	1.9E-12
Acenaphthylene				5.1E-14	2.2E-12	1.6E-06	6.8E-05	2.0E-07	2.3E-05	2.5E-15	2.3E-13
Acenaphthene	2.9E-16					3.0E-07	1.2E-05	3.7E-08	4.1E-06		
Anthracene	3.7E-15					5.2E-07	2.2E-05	6.5E-08	7.3E-06		
Benzo(a)anthracene	5.3E-13	1.3E-08	3.1E-12	1.2E-08	5.7E-12	2.6E-07	1.1E-05	3.2E-08	3.7E-06	1.8E-07	1.9E-10
Benzo(a)pyrene	2.6E-13	2.3E-08	1.4E-12	2.1E-08	2.5E-12	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.0E-09	2.7E-13
Benzo(b)fluoranthene	7.1E-14	4.8E-08	7.3E-14	4.4E-08	1.3E-13	1.1E-07	4.5E-06	1.4E-08	1.5E-06	2.2E-09	1.4E-14

Table H-145 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				2.9E-15	1.1E-13	8.6E-08	3.5E-06	1.1E-08	1.2E-06	1.4E-16	1.2E-14
Benzo(g,h,i)perylene				2.1E-15	8.7E-14	6.6E-08	2.7E-06	8.2E-09	9.1E-07	1.1E-16	9.4E-15
Benzo(k)fluoranthene	5.3E-16	3.1E-09	3.6E-14	2.8E-09	6.5E-14	1.0E-09	1.8E-08	1.2E-10	5.9E-09	1.4E-10	7.0E-15
Biphenyl				2.9E-16	1.2E-14	9.5E-06	4.0E-04	1.2E-06	1.3E-04	1.7E-13	1.5E-11
Chrysene	9.0E-14	1.9E-08	3.6E-12	1.8E-08	6.5E-12	4.4E-07	1.8E-05	5.5E-08	6.0E-06	8.6E-10	7.1E-13
Dibenze(a,h)anthracene	1.3E-14	8.5E-10	4.5E-13	7.7E-10	8.2E-13	1.6E-08	6.5E-07	2.0E-09	2.2E-07	3.8E-11	8.9E-14
Fluoranthene	2.4E-14	5.2E-15	1.0E-13	4.7E-15	1.9E-13	6.4E-07	2.7E-05	8.0E-08	8.9E-06	2.3E-16	2.1E-14
Fluorene	5.2E-15					1.6E-06	6.8E-05	2.0E-07	2.3E-05		
Indeno(1,2,3-cd)pyrene	3.2E-14	1.2E-08	1.3E-12	1.1E-08	2.4E-12	5.3E-08	2.2E-06	6.6E-09	7.3E-07	5.4E-10	2.5E-13
Napthalene	2.4E-15					1.3E-05	5.3E-04	1.6E-06	1.8E-04		
Perylene				1.1E-15	5.3E-14	4.0E-08	1.7E-06	4.9E-09	5.8E-07	5.5E-17	5.7E-15
Phenanthrene	2.5E-14					3.0E-06	1.2E-04	3.8E-07	4.1E-05		
Pyrene	1.7E-14	1.4E-14	2.9E-13	1.3E-14	5.3E-13	6.3E-07	2.6E-05	7.8E-08	8.7E-06	3.6E-13	3.3E-11
Particulate											
Particulate Total Suspended Particulate				2.6E-10	1.0E-08	2.0E-03	7.7E-02	2.5E-04	2.6E-02	1.3E-11	1.1E-09
PM<10				3.3E-10	1.4E-08	2.6E-03	1.0E-01	3.3E-04	3.5E-02	1.6E-11	1.5E-09
PM<2.5				2.7E-10	1.1E-08	2.3E-03	9.0E-02	2.8E-04	3.0E-02	1.3E-11	1.2E-09
PCBs											
Dichlorobiphenyl	5.2E-16	3.0E-17	6.0E-16	2.6E-17	1.0E-15	8.0E-09	3.3E-07	9.9E-10	1.1E-07	2.4E-15	2.1E-13
Heptachlorobiphenyl	2.0E-17	3.5E-18	6.7E-17	2.9E-18	1.1E-16	1.1E-10	4.4E-09	1.4E-11	1.5E-09	1.5E-16	1.3E-14
Hexachlorobiphenyl	7.9E-17	1.6E-17	2.8E-16	1.3E-17	4.8E-16	4.6E-10	1.8E-08	5.7E-11	5.9E-09	6.7E-16	5.3E-14
Monochlorobiphenyl	3.6E-15	2.1E-16	4.2E-15	1.8E-16	7.1E-15	5.5E-08	2.3E-06	6.9E-09	7.6E-07	1.7E-14	1.5E-12
Nonachlorobiphenyl	2.4E-18	6.1E-19	9.5E-18	5.2E-19	1.6E-17	1.5E-11	5.5E-10	1.9E-12	1.8E-10	2.6E-17	1.8E-15
Octachlorobiphenyl	5.8E-18	1.1E-18	2.0E-17	9.5E-19	3.5E-17	3.3E-11	1.3E-09	4.2E-12	4.3E-10	4.8E-17	3.9E-15

Table H-145 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	2.6E-16	5.6E-17	9.6E-16	4.8E-17	1.6E-15	1.6E-09	5.9E-08	2.0E-10	2.0E-08	2.4E-15	1.8E-13
Tetrachlorobiphenyl	1.5E-16	1.2E-17	2.0E-16	9.8E-18	3.3E-16	2.6E-09	9.7E-08	3.2E-10	3.2E-08	9.1E-16	6.8E-14
Trichlorobiphenyl	2.0E-16	1.4E-17	2.5E-16	1.2E-17	4.2E-16	3.3E-09	1.3E-07	4.1E-10	4.2E-08	1.1E-15	8.6E-14
Pesticides											
DDE				4.4E-09						1.4E-07	
SVOCs											
1,2,4-trichlorobenzene						2.3E-08	7.4E-07	2.9E-09	2.5E-07		
1,2-dichlorobenzene	2.4E-19					9.3E-09	1.7E-07	1.2E-09	5.5E-08		
1,3-Butadiene						2.7E-03					
1,3-dichlorobenzene	5.9E-19					1.4E-08	4.7E-07	1.7E-09	1.6E-07		
1,4-dichlorobenzene	7.9E-18					1.3E-07	5.8E-06	1.6E-08	1.9E-06		
1,4-Dioxane						6.3E-03					
2,4-Dimethylphenol	2.2E-16					2.0E-06	8.1E-05	2.5E-07	2.7E-05		
2-Chlorophenol	1.1E-17					4.1E-07	1.8E-05	5.1E-08	5.9E-06		
2-Methylphenol	4.5E-15					4.8E-06	2.0E-04	6.0E-07	6.7E-05		
2-Nitrophenol	2.7E-17					6.5E-07	2.7E-05	8.1E-08	8.9E-06		
3-Methylphenol & 4-Methylphenol				3.2E-13	1.3E-11	8.6E-06	3.6E-04	1.1E-06	1.2E-04	1.5E-14	1.4E-12
4-Nitrophenol	5.6E-17					1.1E-06	4.1E-05	1.3E-07	1.4E-05		
Acetophenone	3.4E-16					1.0E-05	4.2E-04	1.3E-06	1.4E-04		
Benzoic acid	1.4E-15					4.6E-05	1.9E-03	5.8E-06	6.4E-04		
Benzyl alcohol	8.4E-19					3.9E-07	1.2E-05	4.8E-08	3.9E-06		
bis(2-Ethylhexyl) phthalate	4.2E-14	5.7E-13	1.0E-11	6.8E-13	2.4E-11	1.6E-05	6.3E-04	2.0E-06	2.1E-04	3.3E-14	2.6E-12
Butyl benzyl phthalate	1.5E-14	2.8E-16	5.7E-15	3.3E-16	1.3E-14	5.1E-07	2.1E-05	6.4E-08	7.1E-06	1.6E-17	1.5E-15
Carbazole				1.2E-15	2.2E-14	1.4E-08	2.6E-07	1.8E-09	8.6E-08	5.9E-17	2.4E-15

Table H-145 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Dibenzofuran		1.2E-17	2.5E-16	4.8E-17	1.9E-15	8.2E-07	3.4E-05	1.0E-07	1.1E-05	2.1E-14	1.8E-12
Dimethyl phthalate	5.5E-18					2.9E-08	5.1E-07	3.6E-09	1.7E-07		
Di-n-butyl phthalate	1.4E-13	2.8E-16	5.7E-15	3.3E-16	1.4E-14	7.9E-07	3.3E-05	9.8E-08	1.1E-05	1.6E-17	1.5E-15
Di-n-octyl phthalate	1.1E-18	8.0E-16	7.4E-15	9.5E-16	1.8E-14	5.5E-08	9.8E-07	6.9E-09	3.3E-07	4.7E-17	1.9E-15
Hexachlorobutadiene	5.8E-16					3.8E-06	6.8E-05	4.8E-07	2.3E-05		
Isopropanol						7.0E-02					
Phenol	1.3E-14					2.6E-05	1.1E-03	3.2E-06	3.6E-04		
Pyridine	6.6E-16					2.4E-06	1.0E-04	3.1E-07	3.4E-05		
TRS											
Total Reduced Sulfur						2.5E-05	1.1E-03	3.1E-06	3.6E-04		
VOCs											
1,1,1,2-Tetrachloroethane	2.3E-19					1.2E-08	3.9E-07	1.4E-09	1.3E-07		
1,1,1-Trichloroethane	1.5E-20					1.1E-08	4.3E-07	1.4E-09	1.4E-07		
1,1-Dichloroethene	5.1E-22					2.2E-09	4.0E-08	2.8E-10	1.3E-08		
1,2,3-Trichlorobenzene	1.6E-17					4.6E-08	1.7E-06	5.7E-09	5.7E-07		
1,2,3-Trichloropropane	9.3E-20					9.3E-09	1.7E-07	1.2E-09	5.5E-08		
1,2,4-Trimethylbenzene						5.3E-07	1.7E-05	6.7E-08	5.6E-06		
1,2-Dibromoethane	3.2E-20					5.9E-09	1.1E-07	7.4E-10	3.5E-08		
1,2-Dichloroethane	1.0E-18					2.9E-03	9.0E-06	8.6E-05	3.0E-06		
1,3,5-Trimethylbenzene	5.2E-18					5.0E-07	1.5E-05	6.3E-08	5.0E-06		
1,3-Dichloropropane						5.7E-09	1.0E-07	7.2E-10	3.4E-08		
2-Butanone	2.1E-16					2.8E-06	1.1E-04	3.5E-07	3.7E-05		
2-Chlorotoluene						1.3E-07	5.2E-06	1.6E-08	1.7E-06		
2-Hexanone						5.8E-07	2.1E-05	7.2E-08	7.0E-06		

Table H-145 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzene	1.7E-16					7.2E-03	2.9E-03	8.3E-04	9.7E-04		
Bromobenzene						3.2E-06	5.7E-05	4.0E-07	1.9E-05		
Bromochloromethane						7.6E-09	1.3E-07	9.4E-10	4.5E-08		
Bromodichloromethane	2.7E-20					8.2E-09	1.5E-07	1.0E-09	4.9E-08		
Bromomethane	1.1E-19					3.3E-07	9.8E-06	4.1E-08	3.3E-06		
Carbon disulfide	1.1E-19					2.9E-07	8.4E-06	3.6E-08	2.8E-06		
Carbon tetrachloride	1.2E-20					1.3E-02	3.3E-07	1.3E-03	1.1E-07		
Chlorobenzene	4.0E-18					4.1E-07	1.5E-05	5.2E-08	4.9E-06		
Chlorodibromomethane	1.6E-18					2.0E-07	3.6E-06	2.5E-08	1.2E-06		
Chloroethane	3.2E-19					7.8E-07	2.7E-05	9.8E-08	9.1E-06		
Chloroform	2.4E-19					2.2E-03	3.3E-06	2.1E-04	1.1E-06		
Chloromethane	8.4E-19					2.7E-06	8.0E-05	3.3E-07	2.7E-05		
cis-1,2-Dichloroethene	3.3E-19					3.4E-07	6.1E-06	4.3E-08	2.0E-06		
cis-1,3-Dichloropropene						2.1E-09	3.7E-08	2.6E-10	1.2E-08		
Dibromomethane	3.6E-20					1.7E-08	3.1E-07	2.2E-09	1.0E-07		
Dichlorodifluoromethane	4.0E-22					2.1E-08	3.8E-07	2.7E-09	1.3E-07		
Ethylbenzene	1.3E-16					8.2E-03	6.3E-04	2.1E-06	2.1E-04		
Isopropylbenzene	1.7E-19					1.4E-06	4.6E-05	1.7E-07	1.5E-05		
m&p-Xylene	2.0E-17					3.1E-06	1.1E-04	3.9E-07	3.5E-05		
Methyl Isobutyl Ketone (4-methyl-2-per	2.1E-19					3.1E-08	5.4E-07	3.8E-09	1.8E-07		
Methylene chloride	2.2E-18					1.5E-06	5.7E-05	1.9E-07	1.9E-05		
n-Butylbenzene						6.7E-07	2.0E-05	8.3E-08	6.6E-06		
n-Propylbenzene						8.0E-07	2.6E-05	1.0E-07	8.8E-06		
o-Xylene	2.4E-17					2.0E-06	6.5E-05	2.5E-07	2.2E-05		

Table H-145 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
p-Chlorotoluene						4.8E-08	1.4E-06	5.9E-09	4.8E-07		
p-Isopropyltoluene						3.3E-07	7.9E-06	4.1E-08	2.6E-06		
sec-Butylbenzene						1.2E-07	3.7E-06	1.5E-08	1.2E-06		
Styrene	8.0E-16					4.4E-05	1.6E-03	5.5E-06	5.3E-04		
tert-Butylbenzene						3.9E-06	7.0E-05	4.9E-07	2.3E-05		
Tetrachloroethene	5.7E-20					1.0E-08	3.6E-07	1.3E-09	1.2E-07		
Toluene	1.3E-16					2.7E-05	1.1E-03	3.4E-06	3.5E-04		
trans-1,2-Dichloroethene	5.0E-18					7.2E-06	1.3E-04	9.1E-07	4.3E-05		
trans-1,3-Dichloropropene						3.6E-09	6.5E-08	4.5E-10	2.2E-08		
Trichloroethene	5.8E-22					3.9E-04	1.1E-08	7.8E-11	3.7E-09		
Trichlorofluoromethane	9.0E-22					7.5E-09	1.3E-07	9.4E-10	4.4E-08		
Vinyl chloride	4.1E-20					4.2E-07	1.0E-05	5.3E-08	3.4E-06		

Table H-146 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	3.0E-05	1.0E-07	9.9E-06		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	5.2E-05	1.8E-07	1.7E-05		
Formaldehyde	4.5E-13					5.7E-03	2.0E-05	7.7E-08	6.8E-06		
Propionaldehyde				2.2E-15	7.2E-14	1.6E-07	5.8E-06	2.0E-08	1.9E-06	1.7E-14	1.2E-12
CO											
Carbon monoxide						4.5E-05	1.7E-03	5.6E-06	5.6E-04		
CO2											
Carbon dioxide						1.4E-06	5.0E-05	1.8E-07	1.7E-05		
Criteria											
Sulfur Dioxide						3.8E-07	1.2E-05	4.7E-08	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	2.6E-14	5.5E-15	2.1E-13	8.5E-13	3.4E-11	1.1E-13	1.1E-11	2.7E-19	2.2E-17
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.6E-14	5.5E-15	2.1E-13	8.6E-13	3.4E-11	1.1E-13	1.1E-11	2.7E-19	2.2E-17
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	3.1E-15	6.4E-16	2.5E-14	1.1E-13	4.4E-12	1.4E-14	1.5E-12	3.1E-20	2.7E-18
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	3.0E-15	6.2E-16	2.4E-14	1.0E-13	4.1E-12	1.3E-14	1.4E-12	3.1E-20	2.6E-18
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	2.4E-14	4.9E-15	1.9E-13	8.3E-13	3.3E-11	1.0E-13	1.1E-11	2.4E-19	2.1E-17
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	6.2E-15	1.3E-15	4.9E-14	2.1E-13	8.7E-12	2.7E-14	2.9E-12	6.2E-20	5.3E-18
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	8.0E-15	1.6E-15	6.3E-14	2.7E-13	1.1E-11	3.4E-14	3.6E-12	7.9E-20	6.8E-18
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	9.8E-15	2.0E-15	7.7E-14	3.2E-13	1.3E-11	4.1E-14	4.4E-12	9.8E-20	8.3E-18
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	5.8E-16	1.2E-16	4.5E-15	2.1E-14	8.4E-13	2.6E-15	2.8E-13	5.7E-21	4.9E-19
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	3.5E-15	7.0E-16	2.8E-14	1.3E-13	5.3E-12	1.6E-14	1.8E-12	3.5E-20	3.0E-18
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	4.1E-15	8.3E-16	3.3E-14	1.8E-13	7.5E-12	2.3E-14	2.5E-12	4.0E-20	3.5E-18

Table H-146 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	1.2E-14	2.5E-15	9.5E-14	4.2E-13	1.7E-11	5.2E-14	5.6E-12	1.2E-19	1.0E-17
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	9.9E-15	2.0E-15	7.8E-14	4.1E-13	1.7E-11	5.2E-14	5.6E-12	9.7E-20	8.4E-18
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.2E-16	1.4E-16	4.1E-15	5.2E-14	1.7E-12	6.5E-15	5.8E-13	4.9E-18	3.1E-16
2,3,7,8-TCDF	8.0E-18	6.6E-17	1.3E-15	2.6E-16	1.0E-14	1.9E-13	7.8E-12	2.4E-14	2.6E-12	1.3E-20	1.1E-18
OCDD	1.8E-20	9.4E-16	1.7E-14	3.7E-15	1.4E-13	5.6E-13	2.2E-11	7.0E-14	7.4E-12	1.8E-19	1.5E-17
OCDF	6.7E-21	3.6E-16	6.5E-15	1.4E-15	5.1E-14	2.1E-13	8.2E-12	2.6E-14	2.7E-12	7.0E-20	5.5E-18
DNT											
2,4-Dinitrotoluene		4.0E-07		4.7E-07						2.3E-11	
2,6-Dinitrotoluene		6.4E-07		7.6E-07						3.7E-11	
HCN											
Hydrogen cyanide						1.6E-07	6.2E-06	2.0E-08	2.1E-06		
Metals											
Aluminum				7.9E-03						3.9E-07	
Antimony	1.6E-17			3.0E-07		1.0E-08	2.6E-07	1.3E-09	8.6E-08	1.5E-11	
Arsenic	8.1E-16	6.0E-07	4.8E-17	1.4E-06	2.3E-16	5.9E-10	2.1E-08	7.4E-11	7.0E-09	1.2E-10	4.1E-20
Barium	2.3E-12			3.1E-09	1.1E-07	1.3E-07	3.4E-06	1.6E-08	1.1E-06	1.5E-13	1.2E-11
Beryllium	3.3E-17			1.0E-15	3.9E-14	4.3E-11	1.5E-09	5.4E-12	4.8E-10	5.1E-20	4.3E-18
Cadmium	8.3E-15			8.2E-16	3.1E-14	7.6E-10	2.6E-08	9.5E-11	8.8E-09	4.0E-20	3.4E-18
Chromium	2.6E-15			8.3E-11	3.2E-09	6.5E-09	2.3E-07	8.1E-10	7.7E-08	4.1E-15	3.5E-13
Cobalt				1.9E-05	1.0E-08	9.8E-09	1.8E-07	1.2E-09	6.0E-08	9.5E-10	1.1E-12
Copper				3.4E-10	1.3E-08	1.8E-08	6.1E-07	2.2E-09	2.0E-07	1.6E-14	1.4E-12
Iron				1.7E-02						8.3E-07	
Lead	6.9E-18			1.0E-04	3.8E-12	6.0E-09	2.0E-07	7.5E-10	6.5E-08	5.0E-09	4.1E-16
Manganese				8.0E-13	3.1E-11	5.5E-09	1.9E-07	6.8E-10	6.3E-08	3.9E-17	3.3E-15

Table H-146 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				3.4E-14	1.1E-12	2.4E-11	8.3E-10	2.9E-12	2.8E-10	1.7E-18	1.1E-16
Mercury, elemental				1.5E-08		9.8E-14	3.5E-12	1.2E-14	1.2E-12	2.9E-08	
Methyl Mercury	8.7E-15			2.0E-15	7.9E-14					1.0E-19	8.5E-18
Nickel	3.3E-15			4.0E-04	1.6E-13	3.5E-09	1.2E-07	4.3E-10	4.0E-08	2.0E-08	1.7E-17
Phosphorus				7.5E-15	2.8E-13	2.6E-08	8.6E-07	3.3E-09	2.9E-07	7.2E-14	5.9E-12
Selenium	2.8E-16			4.0E-17	1.6E-15	1.7E-10	6.1E-09	2.2E-11	2.0E-09	2.0E-21	1.7E-19
Silver	2.1E-16			8.4E-13	3.1E-11	1.1E-10	3.7E-09	1.4E-11	1.2E-09	4.1E-17	3.4E-15
Thallium (Soluble Salts)				1.1E-07						5.2E-12	
Titanium				8.0E-15	3.2E-13	6.1E-11	2.3E-09	7.6E-12	7.6E-10	3.9E-19	3.5E-17
Zinc	4.1E-12			1.8E-13	6.5E-12	1.4E-07	3.9E-06	1.7E-08	1.3E-06	9.0E-18	7.0E-16
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	5.2E-05	2.0E-07	1.7E-05		
PAHs											
1-Methylnaphthalene		2.4E-16	4.9E-15	2.2E-16	8.9E-15	3.3E-08	1.4E-06	4.1E-09	4.6E-07	2.5E-16	2.2E-14
1-Methylphenanthrene				1.5E-13	6.0E-12	3.9E-09	1.7E-07	4.9E-10	5.5E-08	7.1E-18	6.5E-16
2,3,5-Trimethylnaphthalene				6.8E-14	3.0E-12	1.9E-09	8.4E-08	2.4E-10	2.8E-08	3.3E-18	3.2E-16
2,6-Dimethylnaphthalene				1.9E-13	7.9E-12	5.1E-09	2.2E-07	6.4E-10	7.3E-08	9.1E-18	8.5E-16
2-Methylnaphthalene		2.3E-16	4.7E-15	2.1E-16	8.6E-15	3.2E-08	1.3E-06	4.0E-09	4.4E-07	2.4E-16	2.2E-14
Acenaphthylene				6.0E-13	2.5E-11	1.9E-08	8.0E-07	2.4E-09	2.7E-07	2.9E-17	2.7E-15
Acenaphthene	3.4E-15					3.5E-09	1.4E-07	4.3E-10	4.8E-08		
Anthracene	4.3E-14					6.1E-09	2.6E-07	7.6E-10	8.6E-08		
Benzo(a)anthracene	6.2E-12	1.6E-07	4.4E-11	1.4E-07	8.0E-11	3.0E-09	1.3E-07	3.7E-10	4.3E-08	2.1E-09	2.7E-12
Benzo(a)pyrene	3.1E-12	2.6E-07	1.8E-11	2.4E-07	3.3E-11	1.2E-09	4.9E-08	1.5E-10	1.6E-08	1.2E-11	3.6E-15
Benzo(b)fluoranthene	8.3E-13	5.7E-07	1.0E-12	5.1E-07	1.8E-12	1.3E-09	5.3E-08	1.6E-10	1.8E-08	2.5E-11	2.0E-16

Table H-146 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				3.4E-14	1.3E-12	1.0E-09	4.1E-08	1.3E-10	1.4E-08	1.7E-18	1.4E-16
Benzo(g,h,i)perylene				2.5E-14	1.0E-12	7.7E-10	3.2E-08	9.6E-11	1.1E-08	1.2E-18	1.1E-16
Benzo(k)fluoranthene	7.4E-15	3.6E-08	6.4E-13	3.3E-08	1.2E-12	1.2E-11	2.1E-10	1.5E-12	6.9E-11	1.6E-12	1.3E-16
Biphenyl				3.3E-15	1.4E-13	1.1E-07	4.7E-06	1.4E-08	1.6E-06	2.0E-15	1.8E-13
Chrysene	1.1E-12	2.3E-07	5.5E-11	2.1E-07	9.9E-11	5.1E-09	2.1E-07	6.4E-10	7.1E-08	1.0E-11	1.1E-14
Dibenzo(a,h)anthracene	1.6E-13	9.9E-09	6.7E-12	9.0E-09	1.2E-11	1.9E-10	7.6E-09	2.3E-11	2.5E-09	4.4E-13	1.3E-15
Fluoranthene	2.8E-13	6.7E-14	1.4E-12	6.1E-14	2.5E-12	7.5E-09	3.1E-07	9.4E-10	1.0E-07	3.0E-18	2.7E-16
Fluorene	6.1E-14					1.9E-08	7.9E-07	2.3E-09	2.6E-07		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.4E-07	1.8E-11	1.3E-07	3.3E-11	6.2E-10	2.5E-08	7.7E-11	8.5E-09	6.3E-12	3.6E-15
Napthalene	2.8E-14					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Perylene				1.3E-14	6.2E-13	4.6E-10	2.0E-08	5.8E-11	6.8E-09	6.5E-19	6.6E-17
Phenanthrene	2.9E-13					3.5E-08	1.5E-06	4.4E-09	4.8E-07		
Pyrene	2.0E-13	2.5E-13	5.1E-12	2.3E-13	9.3E-12	7.3E-09	3.0E-07	9.1E-10	1.0E-07	6.4E-15	5.8E-13
Particulate											
Particulate Total Suspended Particulate				3.0E-09	1.2E-07	2.3E-05	9.0E-04	2.9E-06	3.0E-04	1.5E-13	1.3E-11
PM<10				3.8E-09	1.6E-07	3.1E-05	1.2E-03	3.9E-06	4.0E-04	1.9E-13	1.7E-11
PM<2.5				3.2E-09	1.3E-07	2.6E-05	1.0E-03	3.3E-06	3.5E-04	1.6E-13	1.4E-11
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	1.3E-14	5.5E-16	2.2E-14	9.3E-11	3.8E-09	1.2E-11	1.3E-09	5.1E-17	4.5E-15
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.4E-15	6.3E-17	2.4E-15	1.3E-12	5.1E-11	1.6E-13	1.7E-11	3.2E-18	2.7E-16
Hexachlorobiphenyl	9.3E-16	3.4E-16	6.1E-15	2.9E-16	1.0E-14	5.3E-12	2.1E-10	6.7E-13	6.9E-11	1.5E-17	1.1E-15
Monochlorobiphenyl	4.3E-14	4.5E-15	9.0E-14	3.8E-15	1.5E-13	6.5E-10	2.7E-08	8.1E-11	8.9E-09	3.5E-16	3.1E-14
Nonachlorobiphenyl	2.9E-17	1.3E-17	2.1E-16	1.1E-17	3.5E-16	1.8E-13	6.4E-12	2.2E-14	2.1E-12	5.7E-19	3.9E-17
Octachlorobiphenyl	6.8E-17	2.4E-17	4.4E-16	2.0E-17	7.5E-16	3.9E-13	1.5E-11	4.9E-14	5.1E-12	1.0E-18	8.4E-17

Table H-146 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	3.1E-15	1.2E-15	2.1E-14	1.0E-15	3.5E-14	1.8E-11	6.9E-10	2.3E-12	2.3E-10	5.2E-17	3.9E-15
Tetrachlorobiphenyl	1.8E-15	2.5E-16	4.2E-15	2.1E-16	7.1E-15	3.0E-11	1.1E-09	3.8E-12	3.8E-10	2.0E-17	1.5E-15
Trichlorobiphenyl	2.4E-15	3.0E-16	5.3E-15	2.5E-16	9.0E-15	3.8E-11	1.5E-09	4.8E-12	4.9E-10	2.3E-17	1.8E-15
Pesticides											
DDE				5.1E-08						1.6E-09	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	8.7E-09	3.4E-11	2.9E-09		
1,2-dichlorobenzene	2.8E-18					1.1E-10	1.9E-09	1.4E-11	6.5E-10		
1,3-Butadiene						3.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	5.5E-09	2.0E-11	1.8E-09		
1,4-dichlorobenzene	9.2E-17					1.5E-09	6.8E-08	1.9E-10	2.3E-08		
1,4-Dioxane						7.3E-05					
2,4-Dimethylphenol	2.5E-15					2.4E-08	9.5E-07	3.0E-09	3.2E-07		
2-Chlorophenol	1.3E-16					4.7E-09	2.1E-07	5.9E-10	6.9E-08		
2-Methylphenol	5.3E-14					5.6E-08	2.3E-06	7.0E-09	7.8E-07		
2-Nitrophenol	3.2E-16					7.6E-09	3.1E-07	9.4E-10	1.0E-07		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.5E-10	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.8E-16	1.7E-14
4-Nitrophenol	6.5E-16					1.3E-08	4.8E-07	1.6E-09	1.6E-07		
Acetophenone	3.9E-15					1.2E-07	4.9E-06	1.5E-08	1.6E-06		
Benzoic acid	1.6E-14					5.4E-07	2.2E-05	6.7E-08	7.5E-06		
Benzyl alcohol	9.8E-18					4.5E-09	1.4E-07	5.6E-10	4.5E-08		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	1.2E-10	8.0E-12	2.9E-10	1.9E-07	7.4E-06	2.4E-08	2.5E-06	3.9E-16	3.1E-14
Butyl benzyl phthalate	1.8E-13	3.3E-15	6.6E-14	3.8E-15	1.6E-13	6.0E-09	2.5E-07	7.5E-10	8.3E-08	1.9E-19	1.7E-17
Carbazole				1.4E-14	2.6E-13	1.7E-10	3.0E-09	2.1E-11	1.0E-09	6.9E-19	2.8E-17

Table H-146 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Dibenzofuran		1.4E-16	2.9E-15	5.7E-16	2.3E-14	9.5E-09	3.9E-07	1.2E-09	1.3E-07	2.4E-16	2.1E-14
Dimethyl phthalate	6.5E-17					3.3E-10	5.9E-09	4.2E-11	2.0E-09		
Di-n-butyl phthalate	1.7E-12	3.3E-15	6.7E-14	3.9E-15	1.6E-13	9.2E-09	3.8E-07	1.1E-09	1.3E-07	1.9E-19	1.7E-17
Di-n-octyl phthalate	1.3E-17	9.4E-15	8.7E-14	1.1E-14	2.1E-13	6.4E-10	1.1E-08	8.0E-11	3.8E-09	5.5E-19	2.2E-17
Hexachlorobutadiene	6.7E-15					4.4E-08	7.9E-07	5.5E-09	2.6E-07		
Isopropanol						8.2E-04					
Phenol	1.5E-13					3.0E-07	1.2E-05	3.8E-08	4.2E-06		
Pyridine	7.7E-15					2.9E-08	1.2E-06	3.6E-09	4.0E-07		
TRS											
Total Reduced Sulfur						2.9E-07	1.3E-05	3.6E-08	4.2E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	4.6E-09	1.7E-11	1.5E-09		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	5.0E-09	1.7E-11	1.7E-09		
1,1-Dichloroethene	6.0E-21					2.6E-11	4.6E-10	3.2E-12	1.5E-10		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	2.0E-08	6.7E-11	6.6E-09		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	1.9E-09	1.4E-11	6.4E-10		
1,2,4-Trimethylbenzene						6.2E-09	2.0E-07	7.8E-10	6.6E-08		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.2E-09	8.6E-12	4.1E-10		
1,2-Dichloroethane	1.2E-17					3.4E-05	1.0E-07	1.0E-06	3.5E-08		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.7E-07	7.3E-10	5.8E-08		
1,3-Dichloropropane						6.7E-11	1.2E-09	8.4E-12	4.0E-10		
2-Butanone	2.4E-15					3.3E-08	1.3E-06	4.1E-09	4.4E-07		
2-Chlorotoluene						1.5E-09	6.1E-08	1.8E-10	2.0E-08		
2-Hexanone						6.8E-09	2.5E-07	8.4E-10	8.2E-08		

Table H-146 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Benzene	2.0E-15					8.4E-05	3.4E-05	9.7E-06	1.1E-05		
Bromobenzene						3.7E-08	6.6E-07	4.7E-09	2.2E-07		
Bromochloromethane						8.8E-11	1.6E-09	1.1E-11	5.2E-10		
Bromodichloromethane	3.1E-19					9.5E-11	1.7E-09	1.2E-11	5.7E-10		
Bromomethane	1.3E-18					3.8E-09	1.1E-07	4.8E-10	3.8E-08		
Carbon disulfide	1.3E-18					3.3E-09	9.8E-08	4.2E-10	3.3E-08		
Carbon tetrachloride	1.3E-19					1.5E-04	3.9E-09	1.5E-05	1.3E-09		
Chlorobenzene	4.7E-17					4.8E-09	1.7E-07	6.0E-10	5.7E-08		
Chlorodibromomethane	1.8E-17					2.4E-09	4.2E-08	3.0E-10	1.4E-08		
Chloroethane	3.7E-18					9.1E-09	3.2E-07	1.1E-09	1.1E-07		
Chloroform	2.8E-18					2.5E-05	3.8E-08	2.4E-06	1.3E-08		
Chloromethane	9.8E-18					3.1E-08	9.4E-07	3.9E-09	3.1E-07		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	7.1E-08	5.0E-10	2.4E-08		
cis-1,3-Dichloropropene						2.4E-11	4.3E-10	3.0E-12	1.4E-10		
Dibromomethane	4.2E-19					2.0E-10	3.6E-09	2.5E-11	1.2E-09		
Dichlorodifluoromethane	4.7E-21					2.5E-10	4.4E-09	3.1E-11	1.5E-09		
Ethylbenzene	1.5E-15					9.6E-05	7.4E-06	2.4E-08	2.5E-06		
Isopropylbenzene	2.0E-18					1.6E-08	5.4E-07	2.0E-09	1.8E-07		
m&p-Xylene	2.4E-16					3.6E-08	1.2E-06	4.6E-09	4.1E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	6.4E-09	4.5E-11	2.1E-09		
Methylene chloride	2.6E-17					1.8E-08	6.6E-07	2.3E-09	2.2E-07		
n-Butylbenzene						7.8E-09	2.3E-07	9.7E-10	7.7E-08		
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07		
o-Xylene	2.8E-16					2.3E-08	7.6E-07	2.9E-09	2.5E-07		

Table H-146 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)	
p-Chlorotoluene						5.5E-10	1.7E-08	6.9E-11	5.6E-09			
p-Isopropyltoluene						3.8E-09	9.2E-08	4.8E-10	3.1E-08			
sec-Butylbenzene						1.4E-09	4.3E-08	1.8E-10	1.4E-08			
Styrene	9.4E-15					5.1E-07	1.9E-05	6.4E-08	6.2E-06			
tert-Butylbenzene						4.6E-08	8.1E-07	5.7E-09	2.7E-07			
Tetrachloroethene	6.6E-19					1.2E-10	4.2E-09	1.5E-11	1.4E-09			
Toluene	1.6E-15					3.2E-07	1.2E-05	3.9E-08	4.1E-06			
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	1.5E-06	1.1E-08	5.0E-07			
trans-1,3-Dichloropropene						4.2E-11	7.5E-10	5.3E-12	2.5E-10			
Trichloroethene	6.8E-21					4.6E-06	1.3E-10	9.1E-13	4.3E-11			
Trichlorofluoromethane	1.0E-20					8.7E-11	1.6E-09	1.1E-11	5.2E-10			
Vinyl chloride	4.8E-19					5.0E-09	1.2E-07	6.2E-10	4.0E-08			

Table H-147 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			7.2E-05	9.0E-06	
Aldehydes					
Acetaldehyde			1.2E-04	1.6E-05	
Formaldehyde			5.3E-05	6.6E-06	
Propionaldehyde		1.9E-16	1.4E-05	1.7E-06	1.4E-12
CO					
Carbon monoxide			3.8E-03	4.8E-04	
CO2					
Carbon dioxide			1.2E-04	1.5E-05	
Criteria					
Sulfur Dioxide			3.2E-05	4.1E-06	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	6.4E-17	2.5E-16	7.3E-11	9.1E-12	1.2E-17
1,2,3,4,6,7,8-HpCDF	6.5E-17	2.6E-16	7.3E-11	9.2E-12	1.3E-17
1,2,3,4,7,8,9-HpCDF	7.5E-18	2.9E-17	9.3E-12	1.2E-12	1.4E-18
1,2,3,4,7,8-HxCDD	7.3E-18	2.9E-17	8.7E-12	1.1E-12	1.4E-18
1,2,3,4,7,8-HxCDF	5.8E-17	2.3E-16	7.1E-11	8.9E-12	1.1E-17
1,2,3,6,7,8-HxCDD	1.5E-17	5.9E-17	1.8E-11	2.3E-12	2.9E-18
1,2,3,6,7,8-HxCDF	1.9E-17	7.5E-17	2.3E-11	2.9E-12	3.7E-18
1,2,3,7,8,9-HxCDD	2.4E-17	9.3E-17	2.8E-11	3.5E-12	4.5E-18
1,2,3,7,8,9-HxCDF	1.4E-18	5.4E-18	1.8E-12	2.2E-13	2.6E-19

Table H-147 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	8.3E-18	3.3E-17	1.1E-11	1.4E-12	1.6E-18
1,2,3,7,8-PeCDF	9.7E-18	3.8E-17	1.6E-11	2.0E-12	1.9E-18
2,3,4,6,7,8-HxCDF	3.0E-17	1.2E-16	3.6E-11	4.5E-12	5.7E-18
2,3,4,7,8-PeCDF	2.3E-17	9.2E-17	3.5E-11	4.4E-12	4.5E-18
2,3,7,8-TCDD	1.7E-18	6.7E-18	4.4E-12	5.6E-13	2.3E-16
2,3,7,8-TCDF	3.1E-18	1.2E-17	1.6E-11	2.0E-12	6.0E-19
OCDD	4.4E-17	1.7E-16	4.8E-11	6.0E-12	8.4E-18
OCDF	1.7E-17	6.6E-17	1.8E-11	2.3E-12	3.2E-18
HCN					
Hydrogen cyanide			1.4E-05	1.7E-06	
Metals					
Aluminum		8.1E-04			4.0E-05
Antimony		3.7E-08	8.9E-07	1.1E-07	1.8E-09
Arsenic	1.7E-08	4.0E-08	5.1E-08	6.4E-09	3.2E-09
Barium		1.5E-10	1.1E-05	1.3E-06	7.5E-12
Beryllium		9.0E-17	3.7E-09	4.6E-10	4.4E-18
Cadmium		7.0E-17	6.5E-08	8.1E-09	3.4E-18
Chromium		4.6E-12	5.5E-07	6.9E-08	2.2E-13
Cobalt		1.5E-06	8.4E-07	1.1E-07	7.6E-08
Copper		1.7E-11	1.5E-06	1.9E-07	8.2E-13
Iron		1.5E-03			7.2E-05
Lead		7.3E-06	5.1E-07	6.4E-08	3.6E-07

Table H-147 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		6.8E-14	4.7E-07	5.8E-08	3.3E-15
Mercury (+2)		1.5E-15	2.0E-09	2.5E-10	7.2E-17
Mercury, elemental		1.9E-09	8.4E-12	1.1E-12	3.7E-06
Methyl Mercury		8.7E-17			4.3E-18
Nickel		3.4E-05	3.0E-07	3.7E-08	1.7E-06
Phosphorus		6.4E-16	2.3E-06	2.8E-07	6.2E-12
Selenium		3.5E-18	1.5E-08	1.9E-09	1.7E-19
Silver		5.6E-14	9.8E-09	1.2E-09	2.7E-15
Titanium		6.9E-16	5.2E-09	6.5E-10	3.4E-17
Zinc		1.6E-14	1.2E-05	1.5E-06	7.7E-16
NOx					
NOx (Oxides of Nitrogen)			1.3E-04	1.7E-05	
PAHs					
1-Methylnaphthalene	2.0E-17	1.9E-17	2.8E-06	3.5E-07	2.1E-14
1-Methylphenanthrene		1.2E-14	3.4E-07	4.2E-08	6.1E-16
2,3,5-Trimethylnaphthalene		5.8E-15	1.7E-07	2.1E-08	2.8E-16
2,6-Dimethylnaphthalene		1.6E-14	4.4E-07	5.5E-08	7.8E-16
2-Methylnaphthalene	2.0E-17	1.8E-17	2.7E-06	3.4E-07	2.1E-14
Acenaphthylene		5.1E-14	1.6E-06	2.0E-07	2.5E-15
Acenaphthene			3.0E-07	3.7E-08	
Anthracene			5.2E-07	6.5E-08	
Benzo(a)anthracene	7.7E-07	7.0E-07	2.6E-07	3.2E-08	1.1E-05

Table H-147 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)pyrene	6.5E-07	5.9E-07	1.0E-07	1.3E-08	2.9E-08
Benzo(b)fluoranthene	1.0E-06	9.5E-07	1.1E-07	1.4E-08	4.7E-08
Benzo(e)pyrene		2.9E-15	8.6E-08	1.1E-08	1.4E-16
Benzo(g,h,i)perylene		2.1E-15	6.6E-08	8.2E-09	1.1E-16
Benzo(k)fluoranthene	5.7E-07	5.1E-07	1.0E-09	1.2E-10	2.5E-08
Biphenyl		2.9E-16	9.5E-06	1.2E-06	1.7E-13
Chrysene	8.1E-07	7.3E-07	4.4E-07	5.5E-08	3.6E-08
Dibenze(a,h)anthracene	1.3E-07	1.1E-07	1.6E-08	2.0E-09	5.6E-09
Fluoranthene	5.2E-15	4.7E-15	6.4E-07	8.0E-08	2.3E-16
Fluorene			1.6E-06	2.0E-07	
Indeno(1,2,3-cd)pyrene	1.7E-07	1.5E-07	5.3E-08	6.6E-09	7.4E-09
Napthalene	1.6E-08	1.5E-08	1.3E-05	1.6E-06	2.1E-05
Perylene		1.1E-15	4.0E-08	4.9E-09	5.5E-17
Phenanthrene			3.0E-06	3.8E-07	
Pyrene	1.4E-14	1.3E-14	6.3E-07	7.8E-08	3.6E-13
Particulate					
Particulate Total Suspended Particulate		2.6E-10	2.0E-03	2.5E-04	1.3E-11
PM<10		3.3E-10	2.6E-03	3.3E-04	1.6E-11
PM<2.5		2.7E-10	2.3E-03	2.8E-04	1.3E-11
PCBs					
Dichlorobiphenyl	3.0E-17	2.6E-17	8.0E-09	9.9E-10	2.4E-15
Heptachlorobiphenyl	3.5E-18	2.9E-18	1.1E-10	1.4E-11	1.5E-16

Table H-147 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Hexachlorobiphenyl	1.6E-17	1.3E-17	4.6E-10	5.7E-11	6.7E-16
Monochlorobiphenyl	2.1E-16	1.8E-16	5.5E-08	6.9E-09	1.7E-14
Nonachlorobiphenyl	6.1E-19	5.2E-19	1.5E-11	1.9E-12	2.6E-17
Octachlorobiphenyl	1.1E-18	9.5E-19	3.3E-11	4.2E-12	4.8E-17
Pentachlorobiphenyl	5.6E-17	4.8E-17	1.6E-09	2.0E-10	2.4E-15
Tetrachlorobiphenyl	1.2E-17	9.8E-18	2.6E-09	3.2E-10	9.1E-16
Trichlorobiphenyl	1.4E-17	1.2E-17	3.3E-09	4.1E-10	1.1E-15
Pesticides					
DDE		5.5E-08			1.7E-06
Dieldrin	5.3E-09	6.2E-09			3.1E-10
SVOCs					
1,2,4-trichlorobenzene			2.3E-08	2.9E-09	
1,2-dichlorobenzene			9.3E-09	1.2E-09	
1,3-Butadiene			2.3E-03		
1,3-dichlorobenzene			1.4E-08	1.7E-09	
1,4-dichlorobenzene			1.3E-07	1.6E-08	
2,4-Dimethylphenol			2.0E-06	2.5E-07	
2-Chlorophenol			4.1E-07	5.1E-08	
2-Methylphenol			4.8E-06	6.0E-07	
2-Nitrophenol			6.5E-07	8.1E-08	
3-Methylphenol & 4-Methylphenol		3.2E-13	8.6E-06	1.1E-06	1.5E-14
4-Nitrophenol			1.1E-06	1.3E-07	

Table H-147 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			1.0E-05	1.3E-06	
Benzoic acid			4.6E-05	5.8E-06	
Benzyl alcohol			3.9E-07	4.8E-08	
bis(2-Ethylhexyl) phthalate	5.7E-13	6.8E-13	1.6E-05	2.0E-06	3.3E-14
Butyl benzyl phthalate	2.8E-16	3.3E-16	5.1E-07	6.4E-08	1.6E-17
Carbazole		1.2E-15	1.4E-08	1.8E-09	5.9E-17
Dibenzofuran	1.2E-17	4.8E-17	8.2E-07	1.0E-07	2.1E-14
Dimethyl phthalate			2.9E-08	3.6E-09	
Di-n-butyl phthalate	2.8E-16	3.3E-16	7.9E-07	9.8E-08	1.6E-17
Di-n-octyl phthalate	8.0E-16	9.5E-16	5.5E-08	6.9E-09	4.7E-17
Hexachlorobutadiene			3.8E-06	4.8E-07	
Isopropanol			2.7E-01		
Phenol			2.6E-05	3.2E-06	
Pyridine			2.4E-06	3.1E-07	
TRS					
Total Reduced Sulfur			2.5E-05	3.1E-06	
VOCs					
1,1,1,2-Tetrachloroethane			1.2E-08	1.4E-09	
1,1,1-Trichloroethane			1.1E-08	1.4E-09	
1,1-Dichloroethene			2.2E-09	2.8E-10	
1,2,3-Trichlorobenzene			4.6E-08	5.7E-09	
1,2,3-Trichloropropane			9.3E-09	1.2E-09	

Table H-147 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			5.3E-07	6.7E-08	
1,2-Dibromoethane			5.9E-09	7.4E-10	
1,2-Dichloroethane			2.4E-07	8.6E-05	
1,3,5-Trimethylbenzene			5.0E-07	6.3E-08	
1,3-Dichloropropane			5.7E-09	7.2E-10	
2-Butanone			2.8E-06	3.5E-07	
2-Chlorotoluene			1.3E-07	1.6E-08	
2-Hexanone			5.8E-07	7.2E-08	
Benzene			9.4E-03	8.3E-04	
Bromobenzene			3.2E-06	4.0E-07	
Bromochloromethane			7.6E-09	9.4E-10	
Bromodichloromethane			8.2E-09	1.0E-09	
Bromomethane			3.3E-07	4.1E-08	
Carbon disulfide			2.9E-07	3.6E-08	
Carbon tetrachloride			1.2E-02	1.3E-03	
Chlorobenzene			4.1E-07	5.2E-08	
Chlorodibromomethane			2.0E-07	2.5E-08	
Chloroethane			7.8E-07	9.8E-08	
Chloroform			2.7E-03	2.1E-04	
Chloromethane			2.7E-06	3.3E-07	
cis-1,2-Dichloroethene			3.4E-07	4.3E-08	
cis-1,3-Dichloropropene			2.1E-09	2.6E-10	

Table H-147 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			1.7E-08	2.2E-09	
Dichlorodifluoromethane			2.1E-08	2.7E-09	
Ethylbenzene			4.5E-03	2.1E-06	
Isopropylbenzene			1.4E-06	1.7E-07	
m&p-Xylene			3.1E-06	3.9E-07	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.1E-08	3.8E-09	
Methylene chloride			1.5E-06	1.9E-07	
n-Butylbenzene			6.7E-07	8.3E-08	
n-Propylbenzene			8.0E-07	1.0E-07	
o-Xylene			2.0E-06	2.5E-07	
p-Chlorotoluene			4.8E-08	5.9E-09	
p-Isopropyltoluene			3.3E-07	4.1E-08	
sec-Butylbenzene			1.2E-07	1.5E-08	
Styrene			4.4E-05	5.5E-06	
tert-Butylbenzene			3.9E-06	4.9E-07	
Tetrachloroethene			1.0E-08	1.3E-09	
Toluene			2.7E-05	3.4E-06	
trans-1,2-Dichloroethene			7.2E-06	9.1E-07	
trans-1,3-Dichloropropene			3.6E-09	4.5E-10	
Trichloroethene			3.1E-03	7.8E-11	
Trichlorofluoromethane			7.5E-09	9.4E-10	
Vinyl chloride			2.5E-04	5.3E-08	

Table H-148 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			8.4E-07	1.0E-07	
Aldehydes					
Acetaldehyde			1.4E-06	1.8E-07	
Formaldehyde			6.2E-07	7.7E-08	
Propionaldehyde		2.2E-15	1.6E-07	2.0E-08	1.7E-14
CO					
Carbon monoxide			4.5E-05	5.6E-06	
CO2					
Carbon dioxide			1.4E-06	1.8E-07	
Criteria					
Sulfur Dioxide			3.8E-07	4.7E-08	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	1.4E-15	5.5E-15	8.5E-13	1.1E-13	2.7E-19
1,2,3,4,6,7,8-HpCDF	1.4E-15	5.5E-15	8.6E-13	1.1E-13	2.7E-19
1,2,3,4,7,8,9-HpCDF	1.6E-16	6.4E-16	1.1E-13	1.4E-14	3.1E-20
1,2,3,4,7,8-HxCDD	1.6E-16	6.2E-16	1.0E-13	1.3E-14	3.1E-20
1,2,3,4,7,8-HxCDF	1.3E-15	4.9E-15	8.3E-13	1.0E-13	2.4E-19
1,2,3,6,7,8-HxCDD	3.2E-16	1.3E-15	2.1E-13	2.7E-14	6.2E-20
1,2,3,6,7,8-HxCDF	4.1E-16	1.6E-15	2.7E-13	3.4E-14	7.9E-20
1,2,3,7,8,9-HxCDD	5.1E-16	2.0E-15	3.2E-13	4.1E-14	9.8E-20
1,2,3,7,8,9-HxCDF	2.9E-17	1.2E-16	2.1E-14	2.6E-15	5.7E-21

Table H-148 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	1.8E-16	7.0E-16	1.3E-13	1.6E-14	3.5E-20
1,2,3,7,8-PeCDF	2.1E-16	8.3E-16	1.8E-13	2.3E-14	4.0E-20
2,3,4,6,7,8-HxCDF	6.4E-16	2.5E-15	4.2E-13	5.2E-14	1.2E-19
2,3,4,7,8-PeCDF	5.0E-16	2.0E-15	4.1E-13	5.2E-14	9.7E-20
2,3,7,8-TCDD	3.6E-17	1.4E-16	5.2E-14	6.5E-15	4.9E-18
2,3,7,8-TCDF	6.6E-17	2.6E-16	1.9E-13	2.4E-14	1.3E-20
OCDD	9.4E-16	3.7E-15	5.6E-13	7.0E-14	1.8E-19
OCDF	3.6E-16	1.4E-15	2.1E-13	2.6E-14	7.0E-20
HCN					
Hydrogen cyanide			1.6E-07	2.0E-08	
Metals					
Aluminum		9.4E-03			4.6E-07
Antimony		4.3E-07	1.0E-08	1.3E-09	2.1E-11
Arsenic	2.0E-07	4.6E-07	5.9E-10	7.4E-11	3.8E-11
Barium		3.1E-09	1.3E-07	1.6E-08	1.5E-13
Beryllium		1.0E-15	4.3E-11	5.4E-12	5.1E-20
Cadmium		8.2E-16	7.6E-10	9.5E-11	4.0E-20
Chromium		8.3E-11	6.5E-09	8.1E-10	4.1E-15
Cobalt		1.8E-05	9.8E-09	1.2E-09	8.8E-10
Copper		3.4E-10	1.8E-08	2.2E-09	1.6E-14
Iron		1.7E-02			8.4E-07
Lead		8.6E-05	6.0E-09	7.5E-10	4.2E-09

Table H-148 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		8.0E-13	5.5E-09	6.8E-10	3.9E-17
Mercury (+2)		3.4E-14	2.4E-11	2.9E-12	1.7E-18
Mercury, elemental		2.3E-08	9.8E-14	1.2E-14	4.3E-08
Methyl Mercury		2.0E-15			1.0E-19
Nickel		4.0E-04	3.5E-09	4.3E-10	2.0E-08
Phosphorus		7.5E-15	2.6E-08	3.3E-09	7.2E-14
Selenium		4.0E-17	1.7E-10	2.2E-11	2.0E-21
Silver		8.4E-13	1.1E-10	1.4E-11	4.1E-17
Titanium		8.0E-15	6.1E-11	7.6E-12	3.9E-19
Zinc		1.8E-13	1.4E-07	1.7E-08	9.0E-18
NOx					
NOx (Oxides of Nitrogen)			1.6E-06	2.0E-07	
PAHs					
1-Methylnaphthalene	2.4E-16	2.2E-16	3.3E-08	4.1E-09	2.5E-16
1-Methylphenanthrene		1.5E-13	3.9E-09	4.9E-10	7.1E-18
2,3,5-Trimethylnaphthalene		6.8E-14	1.9E-09	2.4E-10	3.3E-18
2,6-Dimethylnaphthalene		1.9E-13	5.1E-09	6.4E-10	9.1E-18
2-Methylnaphthalene	2.3E-16	2.1E-16	3.2E-08	4.0E-09	2.4E-16
Acenaphthylene		6.0E-13	1.9E-08	2.4E-09	2.9E-17
Acenaphthene			3.5E-09	4.3E-10	
Anthracene			6.1E-09	7.6E-10	
Benzo(a)anthracene	9.0E-06	8.1E-06	3.0E-09	3.7E-10	1.2E-07

Table H-148 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)pyrene	7.5E-06	6.8E-06	1.2E-09	1.5E-10	3.4E-10
Benzo(b)fluoranthene	1.2E-05	1.1E-05	1.3E-09	1.6E-10	5.5E-10
Benzo(e)pyrene		3.4E-14	1.0E-09	1.3E-10	1.7E-18
Benzo(g,h,i)perylene		2.5E-14	7.7E-10	9.6E-11	1.2E-18
Benzo(k)fluoranthene	6.6E-06	6.0E-06	1.2E-11	1.5E-12	2.9E-10
Biphenyl		3.3E-15	1.1E-07	1.4E-08	2.0E-15
Chrysene	9.4E-06	8.6E-06	5.1E-09	6.4E-10	4.2E-10
Dibenze(a,h)anthracene	1.5E-06	1.3E-06	1.9E-10	2.3E-11	6.5E-11
Fluoranthene	6.7E-14	6.1E-14	7.5E-09	9.4E-10	3.0E-18
Fluorene			1.9E-08	2.3E-09	
Indeno(1,2,3-cd)pyrene	1.9E-06	1.8E-06	6.2E-10	7.7E-11	8.6E-11
Napthalene	1.9E-07	1.7E-07	1.5E-07	1.9E-08	2.5E-07
Perylene		1.3E-14	4.6E-10	5.8E-11	6.5E-19
Phenanthrene			3.5E-08	4.4E-09	
Pyrene	2.5E-13	2.3E-13	7.3E-09	9.1E-10	6.4E-15
Particulate					
Particulate Total Suspended Particulate		3.0E-09	2.3E-05	2.9E-06	1.5E-13
PM<10		3.8E-09	3.1E-05	3.9E-06	1.9E-13
PM<2.5		3.2E-09	2.6E-05	3.3E-06	1.6E-13
PCBs					
Dichlorobiphenyl	6.5E-16	5.5E-16	9.3E-11	1.2E-11	5.1E-17
Heptachlorobiphenyl	7.5E-17	6.3E-17	1.3E-12	1.6E-13	3.2E-18

Table H-148 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Hexachlorobiphenyl	3.4E-16	2.9E-16	5.3E-12	6.7E-13	1.5E-17
Monochlorobiphenyl	4.5E-15	3.8E-15	6.5E-10	8.1E-11	3.5E-16
Nonachlorobiphenyl	1.3E-17	1.1E-17	1.8E-13	2.2E-14	5.7E-19
Octachlorobiphenyl	2.4E-17	2.0E-17	3.9E-13	4.9E-14	1.0E-18
Pentachlorobiphenyl	1.2E-15	1.0E-15	1.8E-11	2.3E-12	5.2E-17
Tetrachlorobiphenyl	2.5E-16	2.1E-16	3.0E-11	3.8E-12	2.0E-17
Trichlorobiphenyl	3.0E-16	2.5E-16	3.8E-11	4.8E-12	2.3E-17
Pesticides					
DDE		6.4E-07			2.0E-08
Dieldrin	6.2E-08	7.3E-08			3.6E-12
SVOCs					
1,2,4-trichlorobenzene			2.7E-10	3.4E-11	
1,2-dichlorobenzene			1.1E-10	1.4E-11	
1,3-Butadiene			2.7E-05		
1,3-dichlorobenzene			1.6E-10	2.0E-11	
1,4-dichlorobenzene			1.5E-09	1.9E-10	
2,4-Dimethylphenol			2.4E-08	3.0E-09	
2-Chlorophenol			4.7E-09	5.9E-10	
2-Methylphenol			5.6E-08	7.0E-09	
2-Nitrophenol			7.6E-09	9.4E-10	
3-Methylphenol & 4-Methylphenol		3.7E-12	1.0E-07	1.3E-08	1.8E-16
4-Nitrophenol			1.3E-08	1.6E-09	

Table H-148 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			1.2E-07	1.5E-08	
Benzoic acid			5.4E-07	6.7E-08	
Benzyl alcohol			4.5E-09	5.6E-10	
bis(2-Ethylhexyl) phthalate	6.7E-12	8.0E-12	1.9E-07	2.4E-08	3.9E-16
Butyl benzyl phthalate	3.3E-15	3.8E-15	6.0E-09	7.5E-10	1.9E-19
Carbazole		1.4E-14	1.7E-10	2.1E-11	6.9E-19
Dibenzofuran	1.4E-16	5.7E-16	9.5E-09	1.2E-09	2.4E-16
Dimethyl phthalate			3.3E-10	4.2E-11	
Di-n-butyl phthalate	3.3E-15	3.9E-15	9.2E-09	1.1E-09	1.9E-19
Di-n-octyl phthalate	9.4E-15	1.1E-14	6.4E-10	8.0E-11	5.5E-19
Hexachlorobutadiene			4.4E-08	5.5E-09	
Isopropanol			3.2E-03		
Phenol			3.0E-07	3.8E-08	
Pyridine			2.9E-08	3.6E-09	
TRS					
Total Reduced Sulfur			2.9E-07	3.6E-08	
VOCs					
1,1,1,2-Tetrachloroethane			1.3E-10	1.7E-11	
1,1,1-Trichloroethane			1.3E-10	1.7E-11	
1,1-Dichloroethene			2.6E-11	3.2E-12	
1,2,3-Trichlorobenzene			5.3E-10	6.7E-11	
1,2,3-Trichloropropane			1.1E-10	1.4E-11	

Table H-148 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			6.2E-09	7.8E-10	
1,2-Dibromoethane			6.9E-11	8.6E-12	
1,2-Dichloroethane			2.8E-09	1.0E-06	
1,3,5-Trimethylbenzene			5.9E-09	7.3E-10	
1,3-Dichloropropane			6.7E-11	8.4E-12	
2-Butanone			3.3E-08	4.1E-09	
2-Chlorotoluene			1.5E-09	1.8E-10	
2-Hexanone			6.8E-09	8.4E-10	
Benzene			1.1E-04	9.7E-06	
Bromobenzene			3.7E-08	4.7E-09	
Bromochloromethane			8.8E-11	1.1E-11	
Bromodichloromethane			9.5E-11	1.2E-11	
Bromomethane			3.8E-09	4.8E-10	
Carbon disulfide			3.3E-09	4.2E-10	
Carbon tetrachloride			1.4E-04	1.5E-05	
Chlorobenzene			4.8E-09	6.0E-10	
Chlorodibromomethane			2.4E-09	3.0E-10	
Chloroethane			9.1E-09	1.1E-09	
Chloroform			3.2E-05	2.4E-06	
Chloromethane			3.1E-08	3.9E-09	
cis-1,2-Dichloroethene			4.0E-09	5.0E-10	
cis-1,3-Dichloropropene			2.4E-11	3.0E-12	

Table H-148 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			2.0E-10	2.5E-11	
Dichlorodifluoromethane			2.5E-10	3.1E-11	
Ethylbenzene			5.3E-05	2.4E-08	
Isopropylbenzene			1.6E-08	2.0E-09	
m&p-Xylene			3.6E-08	4.6E-09	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.6E-10	4.5E-11	
Methylene chloride			1.8E-08	2.3E-09	
n-Butylbenzene			7.8E-09	9.7E-10	
n-Propylbenzene			9.4E-09	1.2E-09	
o-Xylene			2.3E-08	2.9E-09	
p-Chlorotoluene			5.5E-10	6.9E-11	
p-Isopropyltoluene			3.8E-09	4.8E-10	
sec-Butylbenzene			1.4E-09	1.8E-10	
Styrene			5.1E-07	6.4E-08	
tert-Butylbenzene			4.6E-08	5.7E-09	
Tetrachloroethene			1.2E-10	1.5E-11	
Toluene			3.2E-07	3.9E-08	
trans-1,2-Dichloroethene			8.4E-08	1.1E-08	
trans-1,3-Dichloropropene			4.2E-11	5.3E-12	
Trichloroethene			3.7E-05	9.1E-13	
Trichlorofluoromethane			8.7E-11	1.1E-11	
Vinyl chloride			3.0E-06	6.2E-10	

Table H-149 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						7.2E-05	1.7E-04	9.0E-06	9.0E-06		
Aldehydes											
Acetaldehyde	7.9E-15					1.2E-04	2.9E-04	1.6E-05	1.6E-05		
Formaldehyde	3.9E-14					5.3E-05	1.2E-04	6.6E-06	6.6E-06		
Propionaldehyde				1.9E-16	5.4E-16	1.4E-05	3.1E-05	1.7E-06	1.7E-06	1.4E-12	8.9E-12
CO											
Carbon monoxide						3.8E-03	8.8E-03	4.8E-04	4.8E-04		
CO2											
Carbon dioxide						1.2E-04	2.8E-04	1.5E-05	1.5E-05		
Criteria											
Sulfur Dioxide						3.2E-05	7.5E-05	4.1E-06	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	7.8E-20	6.4E-17	9.0E-17	2.5E-16	7.1E-16	7.3E-11	1.7E-10	9.1E-12	9.1E-12	1.2E-17	7.7E-17
1,2,3,4,6,7,8-HpCDF	7.6E-20	6.5E-17	9.1E-17	2.6E-16	7.2E-16	7.3E-11	1.7E-10	9.2E-12	9.2E-12	1.3E-17	7.8E-17
1,2,3,4,7,8,9-HpCDF	1.2E-20	7.5E-18	1.0E-17	2.9E-17	8.2E-17	9.3E-12	2.1E-11	1.2E-12	1.2E-12	1.4E-18	8.9E-18
1,2,3,4,7,8-HxCDD	9.4E-20	7.3E-18	1.0E-17	2.9E-17	8.1E-17	8.7E-12	2.0E-11	1.1E-12	1.1E-12	1.4E-18	8.7E-18
1,2,3,4,7,8-HxCDF	6.5E-19	5.8E-17	8.1E-17	2.3E-16	6.4E-16	7.1E-11	1.6E-10	8.9E-12	8.9E-12	1.1E-17	6.9E-17
1,2,3,6,7,8-HxCDD	1.8E-19	1.5E-17	2.1E-17	5.9E-17	1.6E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	2.9E-18	1.8E-17
1,2,3,6,7,8-HxCDF	2.4E-19	1.9E-17	2.7E-17	7.5E-17	2.1E-16	2.3E-11	5.3E-11	2.9E-12	2.9E-12	3.7E-18	2.3E-17
1,2,3,7,8,9-HxCDD	2.6E-19	2.4E-17	3.3E-17	9.3E-17	2.6E-16	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.5E-18	2.8E-17
1,2,3,7,8,9-HxCDF	2.1E-20	1.4E-18	1.9E-18	5.4E-18	1.5E-17	1.8E-12	4.1E-12	2.2E-13	2.2E-13	2.6E-19	1.6E-18
1,2,3,7,8-PeCDD	5.9E-19	8.3E-18	1.2E-17	3.3E-17	9.1E-17	1.1E-11	2.6E-11	1.4E-12	1.4E-12	1.6E-18	9.9E-18
1,2,3,7,8-PeCDF	8.2E-19	9.7E-18	1.4E-17	3.8E-17	1.1E-16	1.6E-11	3.6E-11	2.0E-12	2.0E-12	1.9E-18	1.2E-17

Table H-149 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	3.5E-19	3.0E-17	4.2E-17	1.2E-16	3.3E-16	3.6E-11	8.2E-11	4.5E-12	4.5E-12	5.7E-18	3.5E-17
2,3,4,7,8-PeCDF	1.3E-18	2.3E-17	3.2E-17	9.2E-17	2.6E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	4.5E-18	2.8E-17
2,3,7,8-TCDD	2.1E-19	1.7E-18	2.4E-18	6.7E-18	1.9E-17	4.4E-12	1.0E-11	5.6E-13	5.6E-13	2.3E-16	1.4E-15
2,3,7,8-TCDF	6.8E-19	3.1E-18	4.3E-18	1.2E-17	3.4E-17	1.6E-11	3.8E-11	2.0E-12	2.0E-12	6.0E-19	3.7E-18
OCDD	1.0E-21	4.4E-17	6.1E-17	1.7E-16	4.8E-16	4.8E-11	1.1E-10	6.0E-12	6.0E-12	8.4E-18	5.2E-17
OCDF	3.9E-22	1.7E-17	2.3E-17	6.6E-17	1.9E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	3.2E-18	2.0E-17
HCN											
Hydrogen cyanide						1.4E-05	3.1E-05	1.7E-06	1.7E-06		
Metals											
Aluminum				8.1E-04	1.7E-03					4.0E-05	1.8E-04
Antimony	1.3E-18			3.7E-08	1.2E-07	8.9E-07	2.1E-06	1.1E-07	1.1E-07	1.8E-09	1.3E-08
Arsenic	7.0E-17	1.7E-08	2.0E-08	4.0E-08	9.3E-08	5.1E-08	1.2E-07	6.4E-09	6.4E-09	3.2E-09	1.7E-08
Barium	1.6E-13			1.5E-10	4.3E-10	1.1E-05	2.5E-05	1.3E-06	1.3E-06	7.5E-12	4.6E-11
Beryllium	2.8E-18			9.0E-17	2.5E-16	3.7E-09	8.5E-09	4.6E-10	4.6E-10	4.4E-18	2.7E-17
Cadmium	7.2E-16			7.0E-17	2.0E-16	6.5E-08	1.5E-07	8.1E-09	8.1E-09	3.4E-18	2.1E-17
Chromium	1.9E-16			4.6E-12	1.3E-11	5.5E-07	1.3E-06	6.9E-08	6.9E-08	2.2E-13	1.4E-12
Cobalt				1.5E-06	3.2E-06	8.4E-07	1.9E-06	1.1E-07	1.1E-07	7.6E-08	3.4E-07
Copper				1.7E-11	4.7E-11	1.5E-06	3.5E-06	1.9E-07	1.9E-07	8.2E-13	5.0E-12
Iron				1.5E-03	3.2E-03					7.2E-05	3.5E-04
Lead	5.9E-19			7.3E-06	2.0E-05	5.1E-07	1.2E-06	6.4E-08	6.4E-08	3.6E-07	2.1E-06
Manganese				6.8E-14	1.9E-13	4.7E-07	1.1E-06	5.8E-08	5.8E-08	3.3E-15	2.1E-14
Mercury (+2)				1.5E-15	4.1E-15	2.0E-09	4.7E-09	2.5E-10	2.5E-10	7.2E-17	4.4E-16
Mercury, elemental				1.9E-09	3.8E-09	8.4E-12	1.9E-11	1.1E-12	1.1E-12	3.7E-06	2.3E-05
Methyl Mercury	5.6E-16			8.7E-17	2.4E-16					4.3E-18	2.6E-17

Table H-149 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	2.8E-16			3.4E-05	6.1E-05	3.0E-07	6.9E-07	3.7E-08	3.7E-08	1.7E-06	6.6E-06
Phosphorus				6.4E-16	1.8E-15	2.3E-06	5.2E-06	2.8E-07	2.8E-07	6.2E-12	3.8E-11
Selenium	2.4E-17			3.5E-18	9.7E-18	1.5E-08	3.5E-08	1.9E-09	1.9E-09	1.7E-19	1.0E-18
Silver	1.6E-17			5.6E-14	1.6E-13	9.8E-09	2.3E-08	1.2E-09	1.2E-09	2.7E-15	1.7E-14
Thallium (Soluble Salts)					1.4E-08						1.6E-09
Titanium				6.9E-16	1.9E-15	5.2E-09	1.2E-08	6.5E-10	6.5E-10	3.4E-17	2.1E-16
Zinc	3.5E-13			1.6E-14	4.4E-14	1.2E-05	2.7E-05	1.5E-06	1.5E-06	7.7E-16	4.8E-15
NOx											
NOx (Oxides of Nitrogen)						1.3E-04	3.1E-04	1.7E-05	1.7E-05		
PAHs											
1-Methylnaphthalene		2.0E-17	2.9E-17	1.9E-17	5.2E-17	2.8E-06	6.5E-06	3.5E-07	3.5E-07	2.1E-14	1.3E-13
1-Methylphenanthrene				1.2E-14	3.5E-14	3.4E-07	7.8E-07	4.2E-08	4.2E-08	6.1E-16	3.7E-15
2,3,5-Trimethylnaphthalene				5.8E-15	1.6E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	2.8E-16	1.8E-15
2,6-Dimethylnaphthalene				1.6E-14	4.4E-14	4.4E-07	1.0E-06	5.5E-08	5.5E-08	7.8E-16	4.8E-15
2-Methylnaphthalene		2.0E-17	2.8E-17	1.8E-17	5.0E-17	2.7E-06	6.3E-06	3.4E-07	3.4E-07	2.1E-14	1.3E-13
Acenaphthylene				5.1E-14	1.4E-13	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.5E-15	1.5E-14
Acenaphthene	2.9E-16					3.0E-07	6.8E-07	3.7E-08	3.7E-08		
Anthracene	3.7E-15					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Benzo(a)anthracene	5.3E-13	7.7E-07	4.4E-08	7.0E-07	7.9E-08	2.6E-07	5.9E-07	3.2E-08	3.2E-08	1.1E-05	6.5E-05
Benzo(a)pyrene	2.6E-13	6.5E-07	4.8E-08	5.9E-07	8.8E-08	1.0E-07	2.3E-07	1.3E-08	1.3E-08	2.9E-08	9.5E-09
Benzo(b)fluoranthene	7.1E-14	1.0E-06	6.8E-08	9.5E-07	1.2E-07	1.1E-07	2.6E-07	1.4E-08	1.4E-08	4.7E-08	1.3E-08
Benzo(e)pyrene				2.9E-15	8.2E-15	8.6E-08	2.0E-07	1.1E-08	1.1E-08	1.4E-16	8.8E-16
Benzo(g,h,i)perylene				2.1E-15	6.0E-15	6.6E-08	1.5E-07	8.2E-09	8.2E-09	1.1E-16	6.5E-16
Benzo(k)fluoranthene	5.3E-16	5.7E-07	3.4E-08	5.1E-07	6.2E-08	1.0E-09	2.3E-09	1.2E-10	1.2E-10	2.5E-08	6.7E-09

Table H-149 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				2.9E-16	8.0E-16	9.5E-06	2.2E-05	1.2E-06	1.2E-06	1.7E-13	1.0E-12
Chrysene	9.0E-14	8.1E-07	4.9E-08	7.3E-07	8.9E-08	4.4E-07	1.0E-06	5.5E-08	5.5E-08	3.6E-08	9.6E-09
Dibenze(a,h)anthracene	1.3E-14	1.3E-07	1.2E-08	1.1E-07	2.2E-08	1.6E-08	3.7E-08	2.0E-09	2.0E-09	5.6E-09	2.3E-09
Fluoranthene	2.4E-14	5.2E-15	7.2E-15	4.7E-15	1.3E-14	6.4E-07	1.5E-06	8.0E-08	8.0E-08	2.3E-16	1.4E-15
Fluorene	5.2E-15					1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Indeno(1,2,3-cd)pyrene	3.2E-14	1.7E-07	3.1E-08	1.5E-07	5.7E-08	5.3E-08	1.2E-07	6.6E-09	6.6E-09	7.4E-09	6.1E-09
Napthalene	2.4E-15	1.6E-08		1.5E-08		1.3E-05	2.9E-05	1.6E-06	1.6E-06	2.1E-05	1.3E-04
Perylene				1.1E-15	3.2E-15	4.0E-08	9.1E-08	4.9E-09	4.9E-09	5.5E-17	3.4E-16
Phenanthrene	2.5E-14					3.0E-06	6.9E-06	3.8E-07	3.8E-07		
Pyrene	1.7E-14	1.4E-14	2.0E-14	1.3E-14	3.6E-14	6.3E-07	1.4E-06	7.8E-08	7.8E-08	3.6E-13	2.2E-12
Particulate											
Particulate Total Suspended Particulate				2.6E-10	7.2E-10	2.0E-03	4.6E-03	2.5E-04	2.5E-04	1.3E-11	7.7E-11
PM<10				3.3E-10	9.2E-10	2.6E-03	6.1E-03	3.3E-04	3.3E-04	1.6E-11	9.9E-11
PM<2.5				2.7E-10	7.6E-10	2.3E-03	5.2E-03	2.8E-04	2.8E-04	1.3E-11	8.2E-11
PCBs											
Dichlorobiphenyl	5.2E-16	3.0E-17	4.2E-17	2.6E-17	7.2E-17	8.0E-09	1.8E-08	9.9E-10	9.9E-10	2.4E-15	1.5E-14
Heptachlorobiphenyl	2.0E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	1.1E-10	2.5E-10	1.4E-11	1.4E-11	1.5E-16	9.2E-16
Hexachlorobiphenyl	7.9E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	4.6E-10	1.1E-09	5.7E-11	5.7E-11	6.7E-16	4.1E-15
Monochlorobiphenyl	3.6E-15	2.1E-16	2.9E-16	1.8E-16	5.0E-16	5.5E-08	1.3E-07	6.9E-09	6.9E-09	1.7E-14	1.0E-13
Nonachlorobiphenyl	2.4E-18	6.1E-19	8.6E-19	5.2E-19	1.4E-18	1.5E-11	3.6E-11	1.9E-12	1.9E-12	2.6E-17	1.6E-16
Octachlorobiphenyl	5.8E-18	1.1E-18	1.6E-18	9.5E-19	2.7E-18	3.3E-11	7.7E-11	4.2E-12	4.2E-12	4.8E-17	3.0E-16
Pentachlorobiphenyl	2.6E-16	5.6E-17	7.9E-17	4.8E-17	1.3E-16	1.6E-09	3.6E-09	2.0E-10	2.0E-10	2.4E-15	1.5E-14
Tetrachlorobiphenyl	1.5E-16	1.2E-17	1.6E-17	9.8E-18	2.7E-17	2.6E-09	6.0E-09	3.2E-10	3.2E-10	9.1E-16	5.6E-15
Trichlorobiphenyl	2.0E-16	1.4E-17	1.9E-17	1.2E-17	3.3E-17	3.3E-09	7.6E-09	4.1E-10	4.1E-10	1.1E-15	6.8E-15

Table H-149 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				5.5E-08	1.9E-08					1.7E-06	1.1E-05
Dieldrin		5.3E-09	8.5E-10	6.2E-09	2.0E-09					3.1E-10	2.2E-10
SVOCs											
1,2,4-trichlorobenzene						2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2-dichlorobenzene	2.4E-19					9.3E-09	2.2E-08	1.2E-09	1.2E-09		
1,3-Butadiene						2.3E-03					
1,3-dichlorobenzene	5.9E-19					1.4E-08	3.2E-08	1.7E-09	1.7E-09		
1,4-dichlorobenzene	7.9E-18					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
2,4-Dimethylphenol	2.2E-16					2.0E-06	4.7E-06	2.5E-07	2.5E-07		
2-Chlorophenol	1.1E-17					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
2-Methylphenol	4.5E-15					4.8E-06	1.1E-05	6.0E-07	6.0E-07		
2-Nitrophenol	2.7E-17					6.5E-07	1.5E-06	8.1E-08	8.1E-08		
3-Methylphenol & 4-Methylphenol				3.2E-13	8.8E-13	8.6E-06	2.0E-05	1.1E-06	1.1E-06	1.5E-14	9.5E-14
4-Nitrophenol	5.6E-17					1.1E-06	2.5E-06	1.3E-07	1.3E-07		
Acetophenone	3.4E-16					1.0E-05	2.3E-05	1.3E-06	1.3E-06		
Benzoic acid	1.4E-15					4.6E-05	1.1E-04	5.8E-06	5.8E-06		
Benzyl alcohol	8.4E-19					3.9E-07	8.9E-07	4.8E-08	4.8E-08		
bis(2-Ethylhexyl) phthalate	4.2E-14	5.7E-13	8.0E-13	6.8E-13	1.9E-12	1.6E-05	3.8E-05	2.0E-06	2.0E-06	3.3E-14	2.0E-13
Butyl benzyl phthalate	1.5E-14	2.8E-16	3.9E-16	3.3E-16	9.2E-16	5.1E-07	1.2E-06	6.4E-08	6.4E-08	1.6E-17	9.9E-17
Carbazole				1.2E-15	3.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	5.9E-17	3.6E-16
Dibenzofuran		1.2E-17	1.7E-17	4.8E-17	1.4E-16	8.2E-07	1.9E-06	1.0E-07	1.0E-07	2.1E-14	1.3E-13
Dimethyl phthalate	5.5E-18					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
Di-n-butyl phthalate	1.4E-13	2.8E-16	3.9E-16	3.3E-16	9.2E-16	7.9E-07	1.8E-06	9.8E-08	9.8E-08	1.6E-17	9.9E-17

Table H-149 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.1E-18	8.0E-16	1.1E-15	9.5E-16	2.7E-15	5.5E-08	1.3E-07	6.9E-09	6.9E-09	4.7E-17	2.9E-16
Hexachlorobutadiene	5.8E-16					3.8E-06	8.8E-06	4.8E-07	4.8E-07		
Isopropanol						2.7E-01	1.9E-01				
p-Chloroaniline			2.8E-08		6.6E-08						7.2E-09
Phenol	1.3E-14					2.6E-05	6.0E-05	3.2E-06	3.2E-06		
Pyridine	6.6E-16					2.4E-06	5.7E-06	3.1E-07	3.1E-07		
TRS											
Total Reduced Sulfur						2.5E-05	5.8E-05	3.1E-06	3.1E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.3E-19					1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,1,1-Trichloroethane	1.5E-20					1.1E-08	2.6E-08	1.4E-09	1.4E-09		
1,1-Dichloroethene	5.1E-22					2.2E-09	5.1E-09	2.8E-10	2.8E-10		
1,2,3-Trichlorobenzene	1.6E-17					4.6E-08	1.1E-07	5.7E-09	5.7E-09		
1,2,3-Trichloropropane	9.3E-20					9.3E-09	2.1E-08	1.2E-09	1.2E-09		
1,2,4-Trimethylbenzene						5.3E-07	1.2E-06	6.7E-08	6.7E-08		
1,2-Dibromoethane	3.2E-20					5.9E-09	1.4E-08	7.4E-10	7.4E-10		
1,2-Dichloroethane	1.0E-18					2.4E-07	3.8E-03	8.6E-05	8.6E-05		
1,3,5-Trimethylbenzene	5.2E-18					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
1,3-Dichloropropane						5.7E-09	1.3E-08	7.2E-10	7.2E-10		
2-Butanone	2.1E-16					2.8E-06	6.5E-06	3.5E-07	3.5E-07		
2-Chlorotoluene						1.3E-07	2.9E-07	1.6E-08	1.6E-08		
2-Hexanone						5.8E-07	1.3E-06	7.2E-08	7.2E-08		
Benzene	1.7E-16					9.4E-03	2.3E-02	8.3E-04	8.3E-04		
Bromobenzene						3.2E-06	7.4E-06	4.0E-07	4.0E-07		

Table H-149 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Bromochloromethane						7.6E-09	1.7E-08	9.4E-10	9.4E-10		
Bromodichloromethane	2.7E-20					8.2E-09	2.9E-02	1.0E-09	1.0E-09		
Bromoform							1.3E-01				
Bromomethane	1.1E-19					3.3E-07	7.5E-07	4.1E-08	4.1E-08		
Carbon disulfide	1.1E-19					2.9E-07	6.6E-07	3.6E-08	3.6E-08		
Carbon tetrachloride	1.2E-20					1.2E-02	3.3E-02	1.3E-03	1.3E-03		
Chlorobenzene	4.0E-18					4.1E-07	9.5E-07	5.2E-08	5.2E-08		
Chlorodibromomethane	1.6E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
Chloroethane	3.2E-19					7.8E-07	1.8E-06	9.8E-08	9.8E-08		
Chloroform	2.4E-19					2.7E-03	6.8E-02	2.1E-04	2.1E-04		
Chloromethane	8.4E-19					2.7E-06	6.1E-06	3.3E-07	3.3E-07		
cis-1,2-Dichloroethene	3.3E-19					3.4E-07	7.9E-07	4.3E-08	4.3E-08		
cis-1,3-Dichloropropene						2.1E-09	4.8E-09	2.6E-10	2.6E-10		
Dibromomethane	3.6E-20					1.7E-08	4.0E-08	2.2E-09	2.2E-09		
Dichlorodifluoromethane	4.0E-22					2.1E-08	4.9E-08	2.7E-09	2.7E-09		
Ethylbenzene	1.3E-16					4.5E-03	1.9E-02	2.1E-06	2.1E-06		
Isopropylbenzene	1.7E-19					1.4E-06	3.1E-06	1.7E-07	1.7E-07		
m&p-Xylene	2.0E-17					3.1E-06	7.2E-06	3.9E-07	3.9E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.1E-19					3.1E-08	7.1E-08	3.8E-09	3.8E-09		
Methylene chloride	2.2E-18					1.5E-06	3.6E-06	1.9E-07	1.9E-07		
n-Butylbenzene						6.7E-07	1.5E-06	8.3E-08	8.3E-08		
n-Propylbenzene						8.0E-07	1.9E-06	1.0E-07	1.0E-07		
o-Xylene	2.4E-17					2.0E-06	4.5E-06	2.5E-07	2.5E-07		
p-Chlorotoluene						4.8E-08	1.1E-07	5.9E-09	5.9E-09		

Table H-149 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
p-Isopropyltoluene						3.3E-07	7.6E-07	4.1E-08	4.1E-08		
sec-Butylbenzene						1.2E-07	2.8E-07	1.5E-08	1.5E-08		
Styrene	8.0E-16					4.4E-05	1.0E-04	5.5E-06	5.5E-06		
tert-Butylbenzene						3.9E-06	9.0E-06	4.9E-07	4.9E-07		
Tetrachloroethene	5.7E-20					1.0E-08	2.4E-08	1.3E-09	1.3E-09		
Toluene	1.3E-16					2.7E-05	6.2E-05	3.4E-06	3.4E-06		
trans-1,2-Dichloroethene	5.0E-18					7.2E-06	1.7E-05	9.1E-07	9.1E-07		
trans-1,3-Dichloropropene						3.6E-09	8.4E-09	4.5E-10	4.5E-10		
Trichloroethene	5.8E-22					3.1E-03	3.8E-02	7.8E-11	7.8E-11		
Trichlorofluoromethane	9.0E-22					7.5E-09	1.7E-08	9.4E-10	9.4E-10		
Vinyl chloride	4.1E-20					2.5E-04	9.8E-07	5.3E-08	5.3E-08		

Table H-150 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					6.2E-07	1.4E-06	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19

Table H-150 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				9.4E-03	2.0E-02					4.6E-07	2.1E-06
Antimony	1.6E-17			4.3E-07	1.4E-06	1.0E-08	2.4E-08	1.3E-09	1.3E-09	2.1E-11	1.5E-10
Arsenic	8.1E-16	2.0E-07	2.3E-07	4.6E-07	1.1E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	3.8E-11	2.0E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				1.8E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	8.8E-10	4.0E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				1.7E-02	3.7E-02					8.4E-07	4.0E-06
Lead	6.9E-18			8.6E-05	2.3E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	4.2E-09	2.5E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				2.3E-08	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	4.3E-08	2.7E-07
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19

Table H-150 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			4.0E-04	7.1E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.0E-08	7.7E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Thallium (Soluble Salts)					1.7E-07						1.8E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	9.0E-06	5.1E-07	8.1E-06	9.3E-07	3.0E-09	6.9E-09	3.7E-10	3.7E-10	1.2E-07	7.6E-07
Benzo(a)pyrene	3.1E-12	7.5E-06	5.6E-07	6.8E-06	1.0E-06	1.2E-09	2.7E-09	1.5E-10	1.5E-10	3.4E-10	1.1E-10
Benzo(b)fluoranthene	8.3E-13	1.2E-05	7.9E-07	1.1E-05	1.4E-06	1.3E-09	3.0E-09	1.6E-10	1.6E-10	5.5E-10	1.5E-10
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	6.6E-06	4.0E-07	6.0E-06	7.2E-07	1.2E-11	2.7E-11	1.5E-12	1.5E-12	2.9E-10	7.8E-11

Table H-150 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	9.4E-06	5.7E-07	8.6E-06	1.0E-06	5.1E-09	1.2E-08	6.4E-10	6.4E-10	4.2E-10	1.1E-10
Dibenze(a,h)anthracene	1.6E-13	1.5E-06	1.4E-07	1.3E-06	2.5E-07	1.9E-10	4.3E-10	2.3E-11	2.3E-11	6.5E-11	2.7E-11
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.9E-06	3.6E-07	1.8E-06	6.6E-07	6.2E-10	1.4E-09	7.7E-11	7.7E-11	8.6E-11	7.1E-11
Napthalene	2.8E-14	1.9E-07		1.7E-07		1.5E-07	3.4E-07	1.9E-08	1.9E-08	2.5E-07	1.5E-06
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16

Table H-150 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				6.4E-07	2.2E-07					2.0E-08	1.3E-07
Dieldrin		6.2E-08	1.0E-08	7.3E-08	2.4E-08					3.6E-12	2.5E-12
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						2.7E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18

Table H-150 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						3.2E-03	2.3E-03				
p-Chloroaniline			3.3E-07		7.7E-07						8.4E-11
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	4.4E-05	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					1.1E-04	2.7E-04	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		

Table H-150 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	3.4E-04	1.2E-11	1.2E-11		
Bromoform							1.5E-03				
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.4E-04	3.9E-04	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					3.2E-05	7.9E-04	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					5.3E-05	2.2E-04	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		

Table H-150 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10				
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10				
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08				
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09				
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11				
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08				
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08				
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12				
Trichloroethene	6.8E-21					3.7E-05	4.5E-04	9.1E-13	9.1E-13				
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11				
Vinyl chloride	4.8E-19					3.0E-06	1.1E-08	6.2E-10	6.2E-10				

Table H-151 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						7.2E-05	1.7E-04	9.0E-06	9.0E-06		
Aldehydes											
Acetaldehyde	7.9E-15					1.2E-04	2.9E-04	1.6E-05	1.6E-05		
Formaldehyde	3.9E-14					5.3E-05	3.4E+00	6.6E-06	6.6E-06		
Propionaldehyde				1.9E-16	5.4E-16	1.4E-05	3.1E-05	1.7E-06	1.7E-06	1.4E-12	8.9E-12
CO											
Carbon monoxide						3.8E-03	8.8E-03	4.8E-04	4.8E-04		
CO2											
Carbon dioxide						1.2E-04	2.8E-04	1.5E-05	1.5E-05		
Criteria											
Sulfur Dioxide						3.2E-05	7.5E-05	4.1E-06	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	7.8E-20	6.4E-17	9.0E-17	2.5E-16	7.1E-16	7.3E-11	1.7E-10	9.1E-12	9.1E-12	1.2E-17	7.7E-17
1,2,3,4,6,7,8-HpCDF	7.6E-20	6.5E-17	9.1E-17	2.6E-16	7.2E-16	7.3E-11	1.7E-10	9.2E-12	9.2E-12	1.3E-17	7.8E-17
1,2,3,4,7,8,9-HpCDF	1.2E-20	7.5E-18	1.0E-17	2.9E-17	8.2E-17	9.3E-12	2.1E-11	1.2E-12	1.2E-12	1.4E-18	8.9E-18
1,2,3,4,7,8-HxCDD	9.4E-20	7.3E-18	1.0E-17	2.9E-17	8.1E-17	8.7E-12	2.0E-11	1.1E-12	1.1E-12	1.4E-18	8.7E-18
1,2,3,4,7,8-HxCDF	6.5E-19	5.8E-17	8.1E-17	2.3E-16	6.4E-16	7.1E-11	1.6E-10	8.9E-12	8.9E-12	1.1E-17	6.9E-17
1,2,3,6,7,8-HxCDD	1.8E-19	1.5E-17	2.1E-17	5.9E-17	1.6E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	2.9E-18	1.8E-17
1,2,3,6,7,8-HxCDF	2.4E-19	1.9E-17	2.7E-17	7.5E-17	2.1E-16	2.3E-11	5.3E-11	2.9E-12	2.9E-12	3.7E-18	2.3E-17
1,2,3,7,8,9-HxCDD	2.6E-19	2.4E-17	3.3E-17	9.3E-17	2.6E-16	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.5E-18	2.8E-17
1,2,3,7,8,9-HxCDF	2.1E-20	1.4E-18	1.9E-18	5.4E-18	1.5E-17	1.8E-12	4.1E-12	2.2E-13	2.2E-13	2.6E-19	1.6E-18
1,2,3,7,8-PeCDD	5.9E-19	8.3E-18	1.2E-17	3.3E-17	9.1E-17	1.1E-11	2.6E-11	1.4E-12	1.4E-12	1.6E-18	9.9E-18
1,2,3,7,8-PeCDF	8.2E-19	9.7E-18	1.4E-17	3.8E-17	1.1E-16	1.6E-11	3.6E-11	2.0E-12	2.0E-12	1.9E-18	1.2E-17

Table H-151 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	3.5E-19	3.0E-17	4.2E-17	1.2E-16	3.3E-16	3.6E-11	8.2E-11	4.5E-12	4.5E-12	5.7E-18	3.5E-17
2,3,4,7,8-PeCDF	1.3E-18	2.3E-17	3.2E-17	9.2E-17	2.6E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	4.5E-18	2.8E-17
2,3,7,8-TCDD	2.1E-19	1.7E-18	2.4E-18	6.7E-18	1.9E-17	4.4E-12	1.0E-11	5.6E-13	5.6E-13	2.3E-16	1.4E-15
2,3,7,8-TCDF	6.8E-19	3.1E-18	4.3E-18	1.2E-17	3.4E-17	1.6E-11	3.8E-11	2.0E-12	2.0E-12	6.0E-19	3.7E-18
OCDD	1.0E-21	4.4E-17	6.1E-17	1.7E-16	4.8E-16	4.8E-11	1.1E-10	6.0E-12	6.0E-12	8.4E-18	5.2E-17
OCDF	3.9E-22	1.7E-17	2.3E-17	6.6E-17	1.9E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	3.2E-18	2.0E-17
HCN											
Hydrogen cyanide						1.4E-05	3.1E-05	1.7E-06	1.7E-06		
Metals											
Aluminum				8.1E-04	2.0E-03					4.0E-05	2.2E-04
Antimony	1.3E-18			3.7E-08	4.1E-08	8.9E-07	2.1E-06	1.1E-07	1.1E-07	1.8E-09	4.4E-09
Arsenic	7.0E-17	1.7E-08	3.9E-08	4.0E-08	1.8E-07	5.1E-08	1.2E-07	6.4E-09	6.4E-09	3.2E-09	3.3E-08
Barium	1.6E-13			1.5E-10	4.3E-10	1.1E-05	2.5E-05	1.3E-06	1.3E-06	7.5E-12	4.6E-11
Beryllium	2.8E-18			9.0E-17	2.5E-16	3.7E-09	8.5E-09	4.6E-10	4.6E-10	4.4E-18	2.7E-17
Cadmium	7.2E-16			7.0E-17	2.0E-16	6.5E-08	1.5E-07	8.1E-09	8.1E-09	3.4E-18	2.1E-17
Chromium	1.9E-16			4.6E-12	1.3E-11	5.5E-07	1.3E-06	6.9E-08	6.9E-08	2.2E-13	1.4E-12
Cobalt				1.5E-06	3.2E-06	8.4E-07	1.9E-06	1.1E-07	1.1E-07	7.6E-08	3.4E-07
Copper				1.7E-11	4.7E-11	1.5E-06	3.5E-06	1.9E-07	1.9E-07	8.2E-13	5.0E-12
Iron				1.5E-03	3.4E-03					7.2E-05	3.7E-04
Lead	5.9E-19			7.3E-06	4.5E-06	5.1E-07	1.2E-06	6.4E-08	6.4E-08	3.6E-07	4.9E-07
Manganese				6.8E-14	1.9E-13	4.7E-07	1.1E-06	5.8E-08	5.8E-08	3.3E-15	2.1E-14
Mercury (+2)				1.5E-15	4.1E-15	2.0E-09	4.7E-09	2.5E-10	2.5E-10	7.2E-17	4.4E-16
Mercury, elemental				1.9E-09	2.3E-09	8.4E-12	1.9E-11	1.1E-12	1.1E-12	3.7E-06	2.3E-05
Methyl Mercury	5.6E-16			8.7E-17	2.4E-16					4.3E-18	2.6E-17

Table H-151 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	2.8E-16			3.4E-05	6.8E-05	3.0E-07	6.9E-07	3.7E-08	3.7E-08	1.7E-06	7.3E-06
Phosphorus				6.4E-16	1.8E-15	2.3E-06	5.2E-06	2.8E-07	2.8E-07	6.2E-12	3.8E-11
Selenium	2.4E-17			3.5E-18	9.7E-18	1.5E-08	3.5E-08	1.9E-09	1.9E-09	1.7E-19	1.0E-18
Silver	1.6E-17			5.6E-14	1.6E-13	9.8E-09	2.3E-08	1.2E-09	1.2E-09	2.7E-15	1.7E-14
Thallium (Soluble Salts)					1.2E-08						1.3E-09
Titanium				6.9E-16	1.9E-15	5.2E-09	1.2E-08	6.5E-10	6.5E-10	3.4E-17	2.1E-16
Zinc	3.5E-13			1.6E-14	4.4E-14	1.2E-05	2.7E-05	1.5E-06	1.5E-06	7.7E-16	4.8E-15
NOx											
NOx (Oxides of Nitrogen)						1.3E-04	3.1E-04	1.7E-05	1.7E-05		
PAHs											
1-Methylnaphthalene		2.0E-17	2.9E-17	1.9E-17	5.2E-17	2.8E-06	6.5E-06	3.5E-07	3.5E-07	2.1E-14	1.3E-13
1-Methylphenanthrene				1.2E-14	3.5E-14	3.4E-07	7.8E-07	4.2E-08	4.2E-08	6.1E-16	3.7E-15
2,3,5-Trimethylnaphthalene				5.8E-15	1.6E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	2.8E-16	1.8E-15
2,6-Dimethylnaphthalene				1.6E-14	4.4E-14	4.4E-07	1.0E-06	5.5E-08	5.5E-08	7.8E-16	4.8E-15
2-Methylnaphthalene		2.0E-17	2.8E-17	1.8E-17	5.0E-17	2.7E-06	6.3E-06	3.4E-07	3.4E-07	2.1E-14	1.3E-13
Acenaphthylene				5.1E-14	1.4E-13	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.5E-15	1.5E-14
Acenaphthene	2.9E-16					3.0E-07	6.8E-07	3.7E-08	3.7E-08		
Anthracene	3.7E-15					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Benzo(a)anthracene	5.3E-13	7.7E-07	2.0E-13	7.0E-07	3.6E-13	2.6E-07	5.9E-07	3.2E-08	3.2E-08	1.1E-05	6.5E-05
Benzo(a)pyrene	2.6E-13	6.5E-07	9.2E-14	5.9E-07	1.7E-13	1.0E-07	2.3E-07	1.3E-08	1.3E-08	2.9E-08	1.8E-14
Benzo(b)fluoranthene	7.1E-14	1.0E-06	5.3E-15	9.5E-07	9.7E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	4.7E-08	1.0E-15
Benzo(e)pyrene				2.9E-15	8.2E-15	8.6E-08	2.0E-07	1.1E-08	1.1E-08	1.4E-16	8.8E-16
Benzo(g,h,i)perylene				2.1E-15	6.0E-15	6.6E-08	1.5E-07	8.2E-09	8.2E-09	1.1E-16	6.5E-16
Benzo(k)fluoranthene	5.3E-16	5.7E-07	5.4E-15	5.1E-07	9.9E-15	1.0E-09	2.3E-09	1.2E-10	1.2E-10	2.5E-08	1.1E-15

Table H-151 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				2.9E-16	8.0E-16	9.5E-06	2.2E-05	1.2E-06	1.2E-06	1.7E-13	1.0E-12
Chrysene	9.0E-14	8.1E-07	2.5E-13	7.3E-07	4.5E-13	4.4E-07	1.0E-06	5.5E-08	5.5E-08	3.6E-08	4.9E-14
Dibenze(a,h)anthracene	1.3E-14	1.3E-07	3.2E-14	1.1E-07	5.8E-14	1.6E-08	3.7E-08	2.0E-09	2.0E-09	5.6E-09	6.2E-15
Fluoranthene	2.4E-14	5.2E-15	7.2E-15	4.7E-15	1.3E-14	6.4E-07	1.5E-06	8.0E-08	8.0E-08	2.3E-16	1.4E-15
Fluorene	5.2E-15					1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Indeno(1,2,3-cd)pyrene	3.2E-14	1.7E-07	9.0E-14	1.5E-07	1.6E-13	5.3E-08	1.2E-07	6.6E-09	6.6E-09	7.4E-09	1.8E-14
Napthalene	2.4E-15	1.6E-08		1.5E-08		1.3E-05	2.9E-05	1.6E-06	1.6E-06	2.1E-05	1.3E-04
Perylene				1.1E-15	3.2E-15	4.0E-08	9.1E-08	4.9E-09	4.9E-09	5.5E-17	3.4E-16
Phenanthrene	2.5E-14					3.0E-06	6.9E-06	3.8E-07	3.8E-07		
Pyrene	1.7E-14	1.4E-14	2.0E-14	1.3E-14	3.6E-14	6.3E-07	1.4E-06	7.8E-08	7.8E-08	3.6E-13	2.2E-12
Particulate											
Particulate Total Suspended Particulate				2.6E-10	7.2E-10	2.0E-03	4.6E-03	2.5E-04	2.5E-04	1.3E-11	7.7E-11
PM<10				3.3E-10	9.2E-10	2.6E-03	6.1E-03	3.3E-04	3.3E-04	1.6E-11	9.9E-11
PM<2.5				2.7E-10	7.6E-10	2.3E-03	5.2E-03	2.8E-04	2.8E-04	1.3E-11	8.2E-11
PCBs											
Dichlorobiphenyl	5.2E-16	3.0E-17	4.2E-17	2.6E-17	7.2E-17	8.0E-09	1.8E-08	9.9E-10	9.9E-10	2.4E-15	1.5E-14
Heptachlorobiphenyl	2.0E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	1.1E-10	2.5E-10	1.4E-11	1.4E-11	1.5E-16	9.2E-16
Hexachlorobiphenyl	7.9E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	4.6E-10	1.1E-09	5.7E-11	5.7E-11	6.7E-16	4.1E-15
Monochlorobiphenyl	3.6E-15	2.1E-16	2.9E-16	1.8E-16	5.0E-16	5.5E-08	1.3E-07	6.9E-09	6.9E-09	1.7E-14	1.0E-13
Nonachlorobiphenyl	2.4E-18	6.1E-19	8.6E-19	5.2E-19	1.4E-18	1.5E-11	3.6E-11	1.9E-12	1.9E-12	2.6E-17	1.6E-16
Octachlorobiphenyl	5.8E-18	1.1E-18	1.6E-18	9.5E-19	2.7E-18	3.3E-11	7.7E-11	4.2E-12	4.2E-12	4.8E-17	3.0E-16
Pentachlorobiphenyl	2.6E-16	5.6E-17	7.9E-17	4.8E-17	1.3E-16	1.6E-09	3.6E-09	2.0E-10	2.0E-10	2.4E-15	1.5E-14
Tetrachlorobiphenyl	1.5E-16	1.2E-17	1.6E-17	9.8E-18	2.7E-17	2.6E-09	6.0E-09	3.2E-10	3.2E-10	9.1E-16	5.6E-15
Trichlorobiphenyl	2.0E-16	1.4E-17	1.9E-17	1.2E-17	3.3E-17	3.3E-09	7.6E-09	4.1E-10	4.1E-10	1.1E-15	6.8E-15

Table H-151 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				5.5E-08	6.7E-09					1.7E-06	1.1E-05
Dieldrin		5.3E-09		6.2E-09						3.1E-10	
SVOCs											
1,2,4-trichlorobenzene						2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2-dichlorobenzene	2.4E-19					9.3E-09	2.2E-08	1.2E-09	1.2E-09		
1,3-Butadiene						2.3E-03					
1,3-dichlorobenzene	5.9E-19					1.4E-08	3.2E-08	1.7E-09	1.7E-09		
1,4-dichlorobenzene	7.9E-18					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
2,4-Dimethylphenol	2.2E-16					2.0E-06	4.7E-06	2.5E-07	2.5E-07		
2-Chlorophenol	1.1E-17					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
2-Methylphenol	4.5E-15					4.8E-06	1.1E-05	6.0E-07	6.0E-07		
2-Nitrophenol	2.7E-17					6.5E-07	1.5E-06	8.1E-08	8.1E-08		
3-Methylphenol & 4-Methylphenol				3.2E-13	8.8E-13	8.6E-06	2.0E-05	1.1E-06	1.1E-06	1.5E-14	9.5E-14
4-Nitrophenol	5.6E-17					1.1E-06	2.5E-06	1.3E-07	1.3E-07		
Acetophenone	3.4E-16					1.0E-05	2.3E-05	1.3E-06	1.3E-06		
Benzoic acid	1.4E-15					4.6E-05	1.1E-04	5.8E-06	5.8E-06		
Benzyl alcohol	8.4E-19					3.9E-07	8.9E-07	4.8E-08	4.8E-08		
bis(2-Ethylhexyl) phthalate	4.2E-14	5.7E-13	8.0E-13	6.8E-13	1.9E-12	1.6E-05	3.8E-05	2.0E-06	2.0E-06	3.3E-14	2.0E-13
Butyl benzyl phthalate	1.5E-14	2.8E-16	3.9E-16	3.3E-16	9.2E-16	5.1E-07	1.2E-06	6.4E-08	6.4E-08	1.6E-17	9.9E-17
Carbazole				1.2E-15	3.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	5.9E-17	3.6E-16
Dibenzofuran		1.2E-17	1.7E-17	4.8E-17	1.4E-16	8.2E-07	1.9E-06	1.0E-07	1.0E-07	2.1E-14	1.3E-13
Dimethyl phthalate	5.5E-18					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
Di-n-butyl phthalate	1.4E-13	2.8E-16	3.9E-16	3.3E-16	9.2E-16	7.9E-07	1.8E-06	9.8E-08	9.8E-08	1.6E-17	9.9E-17

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ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.1E-18	8.0E-16	1.1E-15	9.5E-16	2.7E-15	5.5E-08	1.3E-07	6.9E-09	6.9E-09	4.7E-17	2.9E-16
Hexachlorobutadiene	5.8E-16					3.8E-06	8.8E-06	4.8E-07	4.8E-07		
Isopropanol						2.7E-01					
Phenol	1.3E-14					2.6E-05	6.0E-05	3.2E-06	3.2E-06		
Pyridine	6.6E-16					2.4E-06	5.7E-06	3.1E-07	3.1E-07		
TRS											
Total Reduced Sulfur						2.5E-05	5.8E-05	3.1E-06	3.1E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.3E-19					1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,1,1-Trichloroethane	1.5E-20					1.1E-08	2.6E-08	1.4E-09	1.4E-09		
1,1-Dichloroethene	5.1E-22					2.2E-09	5.1E-09	2.8E-10	2.8E-10		
1,2,3-Trichlorobenzene	1.6E-17					4.6E-08	1.1E-07	5.7E-09	5.7E-09		
1,2,3-Trichloropropane	9.3E-20					9.3E-09	2.1E-08	1.2E-09	1.2E-09		
1,2,4-Trimethylbenzene						5.3E-07	1.2E-06	6.7E-08	6.7E-08		
1,2-Dibromoethane	3.2E-20					5.9E-09	1.4E-08	7.4E-10	7.4E-10		
1,2-Dichloroethane	1.0E-18					2.4E-07	5.5E-07	8.6E-05	8.6E-05		
1,3,5-Trimethylbenzene	5.2E-18					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
1,3-Dichloropropane						5.7E-09	1.3E-08	7.2E-10	7.2E-10		
2-Butanone	2.1E-16					2.8E-06	6.5E-06	3.5E-07	3.5E-07		
2-Chlorotoluene						1.3E-07	2.9E-07	1.6E-08	1.6E-08		
2-Hexanone						5.8E-07	1.3E-06	7.2E-08	7.2E-08		
Benzene	1.7E-16					9.4E-03	1.7E-04	8.3E-04	8.3E-04		
Bromobenzene						3.2E-06	7.4E-06	4.0E-07	4.0E-07		
Bromochloromethane						7.6E-09	1.7E-08	9.4E-10	9.4E-10		

Table H-151 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromodichloromethane	2.7E-20					8.2E-09	1.9E-08	1.0E-09	1.0E-09		
Bromomethane	1.1E-19					3.3E-07	7.5E-07	4.1E-08	4.1E-08		
Carbon disulfide	1.1E-19					2.9E-07	6.6E-07	3.6E-08	3.6E-08		
Carbon tetrachloride	1.2E-20					1.2E-02	4.3E-08	1.3E-03	1.3E-03		
Chlorobenzene	4.0E-18					4.1E-07	9.5E-07	5.2E-08	5.2E-08		
Chlorodibromomethane	1.6E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
Chloroethane	3.2E-19					7.8E-07	1.8E-06	9.8E-08	9.8E-08		
Chloroform	2.4E-19					2.7E-03	3.9E-07	2.1E-04	2.1E-04		
Chloromethane	8.4E-19					2.7E-06	6.1E-06	3.3E-07	3.3E-07		
cis-1,2-Dichloroethene	3.3E-19					3.4E-07	7.9E-07	4.3E-08	4.3E-08		
cis-1,3-Dichloropropene						2.1E-09	4.8E-09	2.6E-10	2.6E-10		
Dibromomethane	3.6E-20					1.7E-08	4.0E-08	2.2E-09	2.2E-09		
Dichlorodifluoromethane	4.0E-22					2.1E-08	4.9E-08	2.7E-09	2.7E-09		
Ethylbenzene	1.3E-16					4.5E-03	3.9E-05	2.1E-06	2.1E-06		
Isopropylbenzene	1.7E-19					1.4E-06	3.1E-06	1.7E-07	1.7E-07		
m&p-Xylene	2.0E-17					3.1E-06	7.2E-06	3.9E-07	3.9E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.1E-19					3.1E-08	7.1E-08	3.8E-09	3.8E-09		
Methylene chloride	2.2E-18					1.5E-06	3.6E-06	1.9E-07	1.9E-07		
n-Butylbenzene						6.7E-07	1.5E-06	8.3E-08	8.3E-08		
n-Propylbenzene						8.0E-07	1.9E-06	1.0E-07	1.0E-07		
o-Xylene	2.4E-17					2.0E-06	4.5E-06	2.5E-07	2.5E-07		
p-Chlorotoluene						4.8E-08	1.1E-07	5.9E-09	5.9E-09		
p-Isopropyltoluene						3.3E-07	7.6E-07	4.1E-08	4.1E-08		
sec-Butylbenzene						1.2E-07	2.8E-07	1.5E-08	1.5E-08		

Table H-151 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Styrene	8.0E-16					4.4E-05	1.0E-04	5.5E-06	5.5E-06		
tert-Butylbenzene						3.9E-06	9.0E-06	4.9E-07	4.9E-07		
Tetrachloroethene	5.7E-20					1.0E-08	2.4E-08	1.3E-09	1.3E-09		
Toluene	1.3E-16					2.7E-05	6.2E-05	3.4E-06	3.4E-06		
trans-1,2-Dichloroethene	5.0E-18					7.2E-06	1.7E-05	9.1E-07	9.1E-07		
trans-1,3-Dichloropropene						3.6E-09	8.4E-09	4.5E-10	4.5E-10		
Trichloroethene	5.8E-22					3.1E-03	1.4E-09	7.8E-11	7.8E-11		
Trichlorofluoromethane	9.0E-22					7.5E-09	1.7E-08	9.4E-10	9.4E-10		
Vinyl chloride	4.1E-20					2.5E-04	9.8E-07	5.3E-08	5.3E-08		

Table H-152 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					6.2E-07	4.0E-02	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19

Table H-152 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				9.4E-03	2.4E-02					4.6E-07	2.6E-06
Antimony	1.6E-17			4.3E-07	4.8E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	2.1E-11	5.2E-11
Arsenic	8.1E-16	2.0E-07	4.6E-07	4.6E-07	2.2E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	3.8E-11	3.9E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				1.8E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	8.8E-10	4.0E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				1.7E-02	4.0E-02					8.4E-07	4.3E-06
Lead	6.9E-18			8.6E-05	5.3E-05	6.0E-09	1.4E-08	7.5E-10	7.5E-10	4.2E-09	5.7E-09
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				2.3E-08	2.7E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	4.3E-08	2.7E-07
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19

Table H-152 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			4.0E-04	7.9E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.0E-08	8.5E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Thallium (Soluble Salts)					1.4E-07						1.6E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	9.0E-06	2.8E-12	8.1E-06	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	1.2E-07	7.6E-07
Benzo(a)pyrene	3.1E-12	7.5E-06	1.2E-12	6.8E-06	2.3E-12	1.2E-09	2.7E-09	1.5E-10	1.5E-10	3.4E-10	2.4E-16
Benzo(b)fluoranthene	8.3E-13	1.2E-05	7.3E-14	1.1E-05	1.3E-13	1.3E-09	3.0E-09	1.6E-10	1.6E-10	5.5E-10	1.4E-17
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	6.6E-06	9.7E-14	6.0E-06	1.8E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	2.9E-10	1.9E-17

Table H-152 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	9.4E-06	3.8E-12	8.6E-06	6.9E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	4.2E-10	7.4E-16
Dibenze(a,h)anthracene	1.6E-13	1.5E-06	4.7E-13	1.3E-06	8.6E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	6.5E-11	9.3E-17
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.9E-06	1.3E-12	1.8E-06	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	8.6E-11	2.5E-16
Napthalene	2.8E-14	1.9E-07		1.7E-07		1.5E-07	3.4E-07	1.9E-08	1.9E-08	2.5E-07	1.5E-06
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16

Table H-152 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				6.4E-07	7.8E-08					2.0E-08	1.3E-07
Dieldrin		6.2E-08		7.3E-08						3.6E-12	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						2.7E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18

Table H-152 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						3.2E-03					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					1.1E-04	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		

Table H-152 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.4E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					3.2E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					5.3E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		

Table H-152 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08				
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09				
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11				
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08				
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08				
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12				
Trichloroethene	6.8E-21					3.7E-05	1.7E-11	9.1E-13	9.1E-13				
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11				
Vinyl chloride	4.8E-19					3.0E-06	1.1E-08	6.2E-10	6.2E-10				

Table H-153 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						7.2E-05	1.7E-04	9.0E-06	9.0E-06		
Aldehydes											
Acetaldehyde	7.9E-15					1.2E-04	2.9E-04	1.6E-05	1.6E-05		
Formaldehyde	3.9E-14					5.3E-05	2.3E+00	6.6E-06	6.6E-06		
Propionaldehyde				1.9E-16	5.4E-16	1.4E-05	3.1E-05	1.7E-06	1.7E-06	1.4E-12	8.9E-12
CO											
Carbon monoxide						3.8E-03	8.8E-03	4.8E-04	4.8E-04		
CO2											
Carbon dioxide						1.2E-04	2.8E-04	1.5E-05	1.5E-05		
Criteria											
Sulfur Dioxide						3.2E-05	7.5E-05	4.1E-06	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	7.8E-20	6.4E-17	9.0E-17	2.5E-16	7.1E-16	7.3E-11	1.7E-10	9.1E-12	9.1E-12	1.2E-17	7.7E-17
1,2,3,4,6,7,8-HpCDF	7.6E-20	6.5E-17	9.1E-17	2.6E-16	7.2E-16	7.3E-11	1.7E-10	9.2E-12	9.2E-12	1.3E-17	7.8E-17
1,2,3,4,7,8,9-HpCDF	1.2E-20	7.5E-18	1.0E-17	2.9E-17	8.2E-17	9.3E-12	2.1E-11	1.2E-12	1.2E-12	1.4E-18	8.9E-18
1,2,3,4,7,8-HxCDD	9.4E-20	7.3E-18	1.0E-17	2.9E-17	8.1E-17	8.7E-12	2.0E-11	1.1E-12	1.1E-12	1.4E-18	8.7E-18
1,2,3,4,7,8-HxCDF	6.5E-19	5.8E-17	8.1E-17	2.3E-16	6.4E-16	7.1E-11	1.6E-10	8.9E-12	8.9E-12	1.1E-17	6.9E-17
1,2,3,6,7,8-HxCDD	1.8E-19	1.5E-17	2.1E-17	5.9E-17	1.6E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	2.9E-18	1.8E-17
1,2,3,6,7,8-HxCDF	2.4E-19	1.9E-17	2.7E-17	7.5E-17	2.1E-16	2.3E-11	5.3E-11	2.9E-12	2.9E-12	3.7E-18	2.3E-17
1,2,3,7,8,9-HxCDD	2.6E-19	2.4E-17	3.3E-17	9.3E-17	2.6E-16	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.5E-18	2.8E-17
1,2,3,7,8,9-HxCDF	2.1E-20	1.4E-18	1.9E-18	5.4E-18	1.5E-17	1.8E-12	4.1E-12	2.2E-13	2.2E-13	2.6E-19	1.6E-18
1,2,3,7,8-PeCDD	5.9E-19	8.3E-18	1.2E-17	3.3E-17	9.1E-17	1.1E-11	2.6E-11	1.4E-12	1.4E-12	1.6E-18	9.9E-18
1,2,3,7,8-PeCDF	8.2E-19	9.7E-18	1.4E-17	3.8E-17	1.1E-16	1.6E-11	3.6E-11	2.0E-12	2.0E-12	1.9E-18	1.2E-17

Table H-153 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	3.5E-19	3.0E-17	4.2E-17	1.2E-16	3.3E-16	3.6E-11	8.2E-11	4.5E-12	4.5E-12	5.7E-18	3.5E-17
2,3,4,7,8-PeCDF	1.3E-18	2.3E-17	3.2E-17	9.2E-17	2.6E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	4.5E-18	2.8E-17
2,3,7,8-TCDD	2.1E-19	1.7E-18	2.4E-18	6.7E-18	1.9E-17	4.4E-12	1.0E-11	5.6E-13	5.6E-13	2.3E-16	1.4E-15
2,3,7,8-TCDF	6.8E-19	3.1E-18	4.3E-18	1.2E-17	3.4E-17	1.6E-11	3.8E-11	2.0E-12	2.0E-12	6.0E-19	3.7E-18
OCDD	1.0E-21	4.4E-17	6.1E-17	1.7E-16	4.8E-16	4.8E-11	1.1E-10	6.0E-12	6.0E-12	8.4E-18	5.2E-17
OCDF	3.9E-22	1.7E-17	2.3E-17	6.6E-17	1.9E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	3.2E-18	2.0E-17
HCN											
Hydrogen cyanide						1.4E-05	3.1E-05	1.7E-06	1.7E-06		
Metals											
Aluminum				8.1E-04	1.6E-03					4.0E-05	1.8E-04
Antimony	1.3E-18			3.7E-08	1.4E-08	8.9E-07	2.1E-06	1.1E-07	1.1E-07	1.8E-09	1.6E-09
Arsenic	7.0E-17	1.7E-08	1.6E-08	4.0E-08	7.4E-08	5.1E-08	1.2E-07	6.4E-09	6.4E-09	3.2E-09	1.3E-08
Barium	1.6E-13			1.5E-10	4.3E-10	1.1E-05	2.5E-05	1.3E-06	1.3E-06	7.5E-12	4.6E-11
Beryllium	2.8E-18			9.0E-17	2.5E-16	3.7E-09	8.5E-09	4.6E-10	4.6E-10	4.4E-18	2.7E-17
Cadmium	7.2E-16			7.0E-17	2.0E-16	6.5E-08	1.5E-07	8.1E-09	8.1E-09	3.4E-18	2.1E-17
Chromium	1.9E-16			4.6E-12	1.3E-11	5.5E-07	1.3E-06	6.9E-08	6.9E-08	2.2E-13	1.4E-12
Cobalt				1.5E-06	5.4E-06	8.4E-07	1.9E-06	1.1E-07	1.1E-07	7.6E-08	5.9E-07
Copper				1.7E-11	4.7E-11	1.5E-06	3.5E-06	1.9E-07	1.9E-07	8.2E-13	5.0E-12
Iron				1.5E-03	3.7E-03					7.2E-05	4.0E-04
Lead	5.9E-19			7.3E-06	1.2E-05	5.1E-07	1.2E-06	6.4E-08	6.4E-08	3.6E-07	1.3E-06
Manganese				6.8E-14	1.9E-13	4.7E-07	1.1E-06	5.8E-08	5.8E-08	3.3E-15	2.1E-14
Mercury (+2)				1.5E-15	4.1E-15	2.0E-09	4.7E-09	2.5E-10	2.5E-10	7.2E-17	4.4E-16
Mercury, elemental				1.9E-09	3.8E-09	8.4E-12	1.9E-11	1.1E-12	1.1E-12	3.7E-06	2.3E-05
Methyl Mercury	5.6E-16			8.7E-17	2.4E-16					4.3E-18	2.6E-17

Table H-153 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	2.8E-16			3.4E-05	1.1E-04	3.0E-07	6.9E-07	3.7E-08	3.7E-08	1.7E-06	1.2E-05
Phosphorus				6.4E-16	1.8E-15	2.3E-06	5.2E-06	2.8E-07	2.8E-07	6.2E-12	3.8E-11
Selenium	2.4E-17			3.5E-18	9.7E-18	1.5E-08	3.5E-08	1.9E-09	1.9E-09	1.7E-19	1.0E-18
Silver	1.6E-17			5.6E-14	1.6E-13	9.8E-09	2.3E-08	1.2E-09	1.2E-09	2.7E-15	1.7E-14
Titanium				6.9E-16	1.9E-15	5.2E-09	1.2E-08	6.5E-10	6.5E-10	3.4E-17	2.1E-16
Zinc	3.5E-13			1.6E-14	4.4E-14	1.2E-05	2.7E-05	1.5E-06	1.5E-06	7.7E-16	4.8E-15
NOx											
NOx (Oxides of Nitrogen)						1.3E-04	3.1E-04	1.7E-05	1.7E-05		
PAHs											
1-Methylnaphthalene		2.0E-17	2.9E-17	1.9E-17	5.2E-17	2.8E-06	6.5E-06	3.5E-07	3.5E-07	2.1E-14	1.3E-13
1-Methylphenanthrene				1.2E-14	3.5E-14	3.4E-07	7.8E-07	4.2E-08	4.2E-08	6.1E-16	3.7E-15
2,3,5-Trimethylnaphthalene				5.8E-15	1.6E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	2.8E-16	1.8E-15
2,6-Dimethylnaphthalene				1.6E-14	4.4E-14	4.4E-07	1.0E-06	5.5E-08	5.5E-08	7.8E-16	4.8E-15
2-Methylnaphthalene		2.0E-17	2.8E-17	1.8E-17	5.0E-17	2.7E-06	6.3E-06	3.4E-07	3.4E-07	2.1E-14	1.3E-13
Acenaphthylene				5.1E-14	1.4E-13	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.5E-15	1.5E-14
Acenaphthene	2.9E-16					3.0E-07	6.8E-07	3.7E-08	3.7E-08		
Anthracene	3.7E-15					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Benzo(a)anthracene	5.3E-13	7.7E-07	2.0E-13	7.0E-07	3.6E-13	2.6E-07	5.9E-07	3.2E-08	3.2E-08	1.1E-05	6.5E-05
Benzo(a)pyrene	2.6E-13	6.5E-07	1.1E-08	5.9E-07	2.1E-08	1.0E-07	2.3E-07	1.3E-08	1.3E-08	2.9E-08	2.2E-09
Benzo(b)fluoranthene	7.1E-14	1.0E-06	1.0E-08	9.5E-07	1.8E-08	1.1E-07	2.6E-07	1.4E-08	1.4E-08	4.7E-08	2.0E-09
Benzo(e)pyrene				2.9E-15	8.2E-15	8.6E-08	2.0E-07	1.1E-08	1.1E-08	1.4E-16	8.8E-16
Benzo(g,h,i)perylene				2.1E-15	6.0E-15	6.6E-08	1.5E-07	8.2E-09	8.2E-09	1.1E-16	6.5E-16
Benzo(k)fluoranthene	5.3E-16	5.7E-07	5.4E-15	5.1E-07	9.9E-15	1.0E-09	2.3E-09	1.2E-10	1.2E-10	2.5E-08	1.1E-15
Biphenyl				2.9E-16	8.0E-16	9.5E-06	2.2E-05	1.2E-06	1.2E-06	1.7E-13	1.0E-12

Table H-153 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	9.0E-14	8.1E-07	2.5E-13	7.3E-07	4.5E-13	4.4E-07	1.0E-06	5.5E-08	5.5E-08	3.6E-08	4.9E-14
Dibenze(a,h)anthracene	1.3E-14	1.3E-07	3.2E-14	1.1E-07	5.8E-14	1.6E-08	3.7E-08	2.0E-09	2.0E-09	5.6E-09	6.2E-15
Fluoranthene	2.4E-14	5.2E-15	7.2E-15	4.7E-15	1.3E-14	6.4E-07	1.5E-06	8.0E-08	8.0E-08	2.3E-16	1.4E-15
Fluorene	5.2E-15					1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Indeno(1,2,3-cd)pyrene	3.2E-14	1.7E-07	9.0E-14	1.5E-07	1.6E-13	5.3E-08	1.2E-07	6.6E-09	6.6E-09	7.4E-09	1.8E-14
Napthalene	2.4E-15	1.6E-08		1.5E-08		1.3E-05	2.9E-05	1.6E-06	1.6E-06	2.1E-05	1.3E-04
Perylene				1.1E-15	3.2E-15	4.0E-08	9.1E-08	4.9E-09	4.9E-09	5.5E-17	3.4E-16
Phenanthrene	2.5E-14					3.0E-06	6.9E-06	3.8E-07	3.8E-07		
Pyrene	1.7E-14	1.4E-14	2.0E-14	1.3E-14	3.6E-14	6.3E-07	1.4E-06	7.8E-08	7.8E-08	3.6E-13	2.2E-12
Particulate											
Particulate Total Suspended Particulate				2.6E-10	7.2E-10	2.0E-03	4.6E-03	2.5E-04	2.5E-04	1.3E-11	7.7E-11
PM<10				3.3E-10	9.2E-10	2.6E-03	6.1E-03	3.3E-04	3.3E-04	1.6E-11	9.9E-11
PM<2.5				2.7E-10	7.6E-10	2.3E-03	5.2E-03	2.8E-04	2.8E-04	1.3E-11	8.2E-11
PCBs											
Dichlorobiphenyl	5.2E-16	3.0E-17	4.2E-17	2.6E-17	7.2E-17	8.0E-09	1.8E-08	9.9E-10	9.9E-10	2.4E-15	1.5E-14
Heptachlorobiphenyl	2.0E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	1.1E-10	2.5E-10	1.4E-11	1.4E-11	1.5E-16	9.2E-16
Hexachlorobiphenyl	7.9E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	4.6E-10	1.1E-09	5.7E-11	5.7E-11	6.7E-16	4.1E-15
Monochlorobiphenyl	3.6E-15	2.1E-16	2.9E-16	1.8E-16	5.0E-16	5.5E-08	1.3E-07	6.9E-09	6.9E-09	1.7E-14	1.0E-13
Nonachlorobiphenyl	2.4E-18	6.1E-19	8.6E-19	5.2E-19	1.4E-18	1.5E-11	3.6E-11	1.9E-12	1.9E-12	2.6E-17	1.6E-16
Octachlorobiphenyl	5.8E-18	1.1E-18	1.6E-18	9.5E-19	2.7E-18	3.3E-11	7.7E-11	4.2E-12	4.2E-12	4.8E-17	3.0E-16
Pentachlorobiphenyl	2.6E-16	5.6E-17	7.9E-17	4.8E-17	1.3E-16	1.6E-09	3.6E-09	2.0E-10	2.0E-10	2.4E-15	1.5E-14
Tetrachlorobiphenyl	1.5E-16	1.2E-17	1.6E-17	9.8E-18	2.7E-17	2.6E-09	6.0E-09	3.2E-10	3.2E-10	9.1E-16	5.6E-15
Trichlorobiphenyl	2.0E-16	1.4E-17	1.9E-17	1.2E-17	3.3E-17	3.3E-09	7.6E-09	4.1E-10	4.1E-10	1.1E-15	6.8E-15
Pesticides											

Table H-153 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
DDE				5.5E-08	2.4E-08					1.7E-06	1.1E-05
Dieldrin		5.3E-09		6.2E-09						3.1E-10	
SVOCs											
1,2,4-trichlorobenzene						2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2-dichlorobenzene	2.4E-19					9.3E-09	2.2E-08	1.2E-09	1.2E-09		
1,3-Butadiene						2.3E-03					
1,3-dichlorobenzene	5.9E-19					1.4E-08	3.2E-08	1.7E-09	1.7E-09		
1,4-dichlorobenzene	7.9E-18					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
2,4-Dimethylphenol	2.2E-16					2.0E-06	4.7E-06	2.5E-07	2.5E-07		
2-Chlorophenol	1.1E-17					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
2-Methylphenol	4.5E-15					4.8E-06	1.1E-05	6.0E-07	6.0E-07		
2-Nitrophenol	2.7E-17					6.5E-07	1.5E-06	8.1E-08	8.1E-08		
3-Methylphenol & 4-Methylphenol				3.2E-13	8.8E-13	8.6E-06	2.0E-05	1.1E-06	1.1E-06	1.5E-14	9.5E-14
4-Nitrophenol	5.6E-17					1.1E-06	2.5E-06	1.3E-07	1.3E-07		
Acetophenone	3.4E-16					1.0E-05	2.3E-05	1.3E-06	1.3E-06		
Benzoic acid	1.4E-15					4.6E-05	1.1E-04	5.8E-06	5.8E-06		
Benzyl alcohol	8.4E-19					3.9E-07	8.9E-07	4.8E-08	4.8E-08		
bis(2-Ethylhexyl) phthalate	4.2E-14	5.7E-13	8.0E-13	6.8E-13	1.9E-12	1.6E-05	3.8E-05	2.0E-06	2.0E-06	3.3E-14	2.0E-13
Butyl benzyl phthalate	1.5E-14	2.8E-16	3.9E-16	3.3E-16	9.2E-16	5.1E-07	1.2E-06	6.4E-08	6.4E-08	1.6E-17	9.9E-17
Carbazole				1.2E-15	3.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	5.9E-17	3.6E-16
Dibenzofuran		1.2E-17	1.7E-17	4.8E-17	1.4E-16	8.2E-07	1.9E-06	1.0E-07	1.0E-07	2.1E-14	1.3E-13
Dimethyl phthalate	5.5E-18					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
Di-n-butyl phthalate	1.4E-13	2.8E-16	3.9E-16	3.3E-16	9.2E-16	7.9E-07	1.8E-06	9.8E-08	9.8E-08	1.6E-17	9.9E-17
Di-n-octyl phthalate	1.1E-18	8.0E-16	1.1E-15	9.5E-16	2.7E-15	5.5E-08	1.3E-07	6.9E-09	6.9E-09	4.7E-17	2.9E-16

Table H-153 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	5.8E-16					3.8E-06	8.8E-06	4.8E-07	4.8E-07		
Isopropanol						2.7E-01					
Phenol	1.3E-14					2.6E-05	6.0E-05	3.2E-06	3.2E-06		
Pyridine	6.6E-16					2.4E-06	5.7E-06	3.1E-07	3.1E-07		
TRS											
Total Reduced Sulfur						2.5E-05	5.8E-05	3.1E-06	3.1E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.3E-19					1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,1,1-Trichloroethane	1.5E-20					1.1E-08	2.6E-08	1.4E-09	1.4E-09		
1,1-Dichloroethene	5.1E-22					2.2E-09	5.1E-09	2.8E-10	2.8E-10		
1,2,3-Trichlorobenzene	1.6E-17					4.6E-08	1.1E-07	5.7E-09	5.7E-09		
1,2,3-Trichloropropane	9.3E-20					9.3E-09	2.1E-08	1.2E-09	1.2E-09		
1,2,4-Trimethylbenzene						5.3E-07	1.2E-06	6.7E-08	6.7E-08		
1,2-Dibromoethane	3.2E-20					5.9E-09	1.4E-08	7.4E-10	7.4E-10		
1,2-Dichloroethane	1.0E-18					2.4E-07	5.5E-07	8.6E-05	8.6E-05		
1,3,5-Trimethylbenzene	5.2E-18					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
1,3-Dichloropropane						5.7E-09	1.3E-08	7.2E-10	7.2E-10		
2-Butanone	2.1E-16					2.8E-06	6.5E-06	3.5E-07	3.5E-07		
2-Chlorotoluene						1.3E-07	2.9E-07	1.6E-08	1.6E-08		
2-Hexanone						5.8E-07	1.3E-06	7.2E-08	7.2E-08		
Benzene	1.7E-16					9.4E-03	1.7E-04	8.3E-04	8.3E-04		
Bromobenzene						3.2E-06	7.4E-06	4.0E-07	4.0E-07		
Bromochloromethane						7.6E-09	1.7E-08	9.4E-10	9.4E-10		
Bromodichloromethane	2.7E-20					8.2E-09	1.9E-08	1.0E-09	1.0E-09		

Table H-153 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromomethane	1.1E-19					3.3E-07	7.5E-07	4.1E-08	4.1E-08		
Carbon disulfide	1.1E-19					2.9E-07	6.6E-07	3.6E-08	3.6E-08		
Carbon tetrachloride	1.2E-20					1.2E-02	4.3E-08	1.3E-03	1.3E-03		
Chlorobenzene	4.0E-18					4.1E-07	9.5E-07	5.2E-08	5.2E-08		
Chlorodibromomethane	1.6E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
Chloroethane	3.2E-19					7.8E-07	1.8E-06	9.8E-08	9.8E-08		
Chloroform	2.4E-19					2.7E-03	3.9E-07	2.1E-04	2.1E-04		
Chloromethane	8.4E-19					2.7E-06	6.1E-06	3.3E-07	3.3E-07		
cis-1,2-Dichloroethene	3.3E-19					3.4E-07	7.9E-07	4.3E-08	4.3E-08		
cis-1,3-Dichloropropene						2.1E-09	4.8E-09	2.6E-10	2.6E-10		
Dibromomethane	3.6E-20					1.7E-08	4.0E-08	2.2E-09	2.2E-09		
Dichlorodifluoromethane	4.0E-22					2.1E-08	4.9E-08	2.7E-09	2.7E-09		
Ethylbenzene	1.3E-16					4.5E-03	3.9E-05	2.1E-06	2.1E-06		
Isopropylbenzene	1.7E-19					1.4E-06	3.1E-06	1.7E-07	1.7E-07		
m&p-Xylene	2.0E-17					3.1E-06	7.2E-06	3.9E-07	3.9E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.1E-19					3.1E-08	7.1E-08	3.8E-09	3.8E-09		
Methylene chloride	2.2E-18					1.5E-06	3.6E-06	1.9E-07	1.9E-07		
n-Butylbenzene						6.7E-07	1.5E-06	8.3E-08	8.3E-08		
n-Propylbenzene						8.0E-07	1.9E-06	1.0E-07	1.0E-07		
o-Xylene	2.4E-17					2.0E-06	4.5E-06	2.5E-07	2.5E-07		
p-Chlorotoluene						4.8E-08	1.1E-07	5.9E-09	5.9E-09		
p-Isopropyltoluene						3.3E-07	7.6E-07	4.1E-08	4.1E-08		
sec-Butylbenzene						1.2E-07	2.8E-07	1.5E-08	1.5E-08		
Styrene	8.0E-16					4.4E-05	1.0E-04	5.5E-06	5.5E-06		

Table H-153 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						3.9E-06	9.0E-06	4.9E-07	4.9E-07		
Tetrachloroethene	5.7E-20					1.0E-08	2.4E-08	1.3E-09	1.3E-09		
Toluene	1.3E-16					2.7E-05	6.2E-05	3.4E-06	3.4E-06		
trans-1,2-Dichloroethene	5.0E-18					7.2E-06	1.7E-05	9.1E-07	9.1E-07		
trans-1,3-Dichloropropene						3.6E-09	8.4E-09	4.5E-10	4.5E-10		
Trichloroethene	5.8E-22					3.1E-03	1.4E-09	7.8E-11	7.8E-11		
Trichlorofluoromethane	9.0E-22					7.5E-09	1.7E-08	9.4E-10	9.4E-10		
Vinyl chloride	4.1E-20					2.5E-04	9.8E-07	5.3E-08	5.3E-08		

Table H-154 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					6.2E-07	2.7E-02	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19

Table H-154 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				9.4E-03	1.9E-02					4.6E-07	2.1E-06
Antimony	1.6E-17			4.3E-07	1.7E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	2.1E-11	1.8E-11
Arsenic	8.1E-16	2.0E-07	1.8E-07	4.6E-07	8.6E-07	5.9E-10	1.4E-09	7.4E-11	7.4E-11	3.8E-11	1.6E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				1.8E-05	6.4E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	8.8E-10	6.9E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				1.7E-02	4.3E-02					8.4E-07	4.7E-06
Lead	6.9E-18			8.6E-05	1.4E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	4.2E-09	1.6E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				2.3E-08	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	4.3E-08	2.7E-07
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19

Table H-154 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			4.0E-04	1.3E-03	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.0E-08	1.4E-07
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	9.0E-06	2.8E-12	8.1E-06	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	1.2E-07	7.6E-07
Benzo(a)pyrene	3.1E-12	7.5E-06	1.3E-07	6.8E-06	2.4E-07	1.2E-09	2.7E-09	1.5E-10	1.5E-10	3.4E-10	2.6E-11
Benzo(b)fluoranthene	8.3E-13	1.2E-05	1.2E-07	1.1E-05	2.2E-07	1.3E-09	3.0E-09	1.6E-10	1.6E-10	5.5E-10	2.3E-11
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	6.6E-06	9.7E-14	6.0E-06	1.8E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	2.9E-10	1.9E-17
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14

Table H-154 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	1.1E-12	9.4E-06	3.8E-12	8.6E-06	6.9E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	4.2E-10	7.4E-16
Dibenze(a,h)anthracene	1.6E-13	1.5E-06	4.7E-13	1.3E-06	8.6E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	6.5E-11	9.3E-17
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.9E-06	1.3E-12	1.8E-06	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	8.6E-11	2.5E-16
Napthalene	2.8E-14	1.9E-07		1.7E-07		1.5E-07	3.4E-07	1.9E-08	1.9E-08	2.5E-07	1.5E-06
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16
Pesticides											

Table H-154 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
DDE				6.4E-07	2.8E-07					2.0E-08	1.3E-07
Dieldrin		6.2E-08		7.3E-08						3.6E-12	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						2.7E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18

Table H-154 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						3.2E-03					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					1.1E-04	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		

Table H-154 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.4E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					3.2E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					5.3E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		

Table H-154 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09			
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11			
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08			
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08			
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12			
Trichloroethene	6.8E-21					3.7E-05	1.7E-11	9.1E-13	9.1E-13			
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11			
Vinyl chloride	4.8E-19					3.0E-06	1.1E-08	6.2E-10	6.2E-10			

Table H-155 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						7.2E-05	2.6E-03	9.0E-06	8.5E-04		
Aldehydes											
Acetaldehyde	7.9E-15					1.2E-04	4.4E-03	1.6E-05	1.5E-03		
Formaldehyde	3.9E-14					5.3E-05	1.7E-03	6.6E-06	5.8E-04		
Propionaldehyde				1.9E-16	6.2E-15	1.4E-05	4.9E-04	1.7E-06	1.6E-04	1.4E-12	1.0E-10
CO											
Carbon monoxide						3.8E-03	1.4E-01	4.8E-04	4.8E-02		
CO2											
Carbon dioxide						1.2E-04	4.3E-03	1.5E-05	1.4E-03		
Criteria											
Sulfur Dioxide						3.2E-05	1.0E-03	4.1E-06	3.5E-04		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	7.8E-20	6.4E-17	1.2E-15	2.5E-16	9.5E-15	7.3E-11	2.9E-09	9.1E-12	9.7E-10	1.2E-17	1.0E-15
1,2,3,4,6,7,8-HpCDF	7.6E-20	6.5E-17	1.2E-15	2.6E-16	9.5E-15	7.3E-11	2.9E-09	9.2E-12	9.7E-10	1.3E-17	1.0E-15
1,2,3,4,7,8,9-HpCDF	1.2E-20	7.5E-18	1.5E-16	2.9E-17	1.1E-15	9.3E-12	3.8E-10	1.2E-12	1.3E-10	1.4E-18	1.2E-16
1,2,3,4,7,8-HxCDD	9.4E-20	7.3E-18	1.4E-16	2.9E-17	1.1E-15	8.7E-12	3.5E-10	1.1E-12	1.2E-10	1.4E-18	1.2E-16
1,2,3,4,7,8-HxCDF	6.5E-19	5.8E-17	1.1E-15	2.3E-16	8.8E-15	7.1E-11	2.9E-09	8.9E-12	9.6E-10	1.1E-17	9.5E-16
1,2,3,6,7,8-HxCDD	1.8E-19	1.5E-17	2.9E-16	5.9E-17	2.3E-15	1.8E-11	7.4E-10	2.3E-12	2.5E-10	2.9E-18	2.5E-16
1,2,3,6,7,8-HxCDF	2.4E-19	1.9E-17	3.7E-16	7.5E-17	2.9E-15	2.3E-11	9.4E-10	2.9E-12	3.1E-10	3.7E-18	3.2E-16
1,2,3,7,8,9-HxCDD	2.6E-19	2.4E-17	4.5E-16	9.3E-17	3.6E-15	2.8E-11	1.1E-09	3.5E-12	3.8E-10	4.5E-18	3.9E-16
1,2,3,7,8,9-HxCDF	2.1E-20	1.4E-18	2.7E-17	5.4E-18	2.1E-16	1.8E-12	7.2E-11	2.2E-13	2.4E-11	2.6E-19	2.3E-17
1,2,3,7,8-PeCDD	5.9E-19	8.3E-18	1.6E-16	3.3E-17	1.3E-15	1.1E-11	4.5E-10	1.4E-12	1.5E-10	1.6E-18	1.4E-16
1,2,3,7,8-PeCDF	8.2E-19	9.7E-18	1.9E-16	3.8E-17	1.5E-15	1.6E-11	6.5E-10	2.0E-12	2.2E-10	1.9E-18	1.6E-16

Table H-155 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	3.5E-19	3.0E-17	5.6E-16	1.2E-16	4.4E-15	3.6E-11	1.4E-09	4.5E-12	4.8E-10	5.7E-18	4.8E-16
2,3,4,7,8-PeCDF	1.3E-18	2.3E-17	4.6E-16	9.2E-17	3.6E-15	3.5E-11	1.4E-09	4.4E-12	4.8E-10	4.5E-18	3.9E-16
2,3,7,8-TCDD	2.1E-19	1.7E-18	2.5E-17	6.7E-18	1.9E-16	4.4E-12	1.5E-10	5.6E-13	5.0E-11	2.3E-16	1.5E-14
2,3,7,8-TCDF	6.8E-19	3.1E-18	6.2E-17	1.2E-17	4.9E-16	1.6E-11	6.7E-10	2.0E-12	2.2E-10	6.0E-19	5.2E-17
OCDD	1.0E-21	4.4E-17	8.0E-16	1.7E-16	6.3E-15	4.8E-11	1.9E-09	6.0E-12	6.4E-10	8.4E-18	6.8E-16
OCDF	3.9E-22	1.7E-17	3.0E-16	6.6E-17	2.4E-15	1.8E-11	7.0E-10	2.3E-12	2.3E-10	3.2E-18	2.6E-16
HCN											
Hydrogen cyanide						1.4E-05	5.3E-04	1.7E-06	1.8E-04		
Metals											
Aluminum				8.1E-04						4.0E-05	
Antimony	1.3E-18			3.7E-08		8.9E-07	2.2E-05	1.1E-07	7.4E-06	1.8E-09	
Arsenic	7.0E-17	1.7E-08	4.1E-18	4.0E-08	2.0E-17	5.1E-08	1.8E-06	6.4E-09	6.0E-07	3.2E-09	3.5E-18
Barium	1.6E-13			1.5E-10	5.3E-09	1.1E-05	2.9E-04	1.3E-06	9.7E-05	7.5E-12	5.7E-10
Beryllium	2.8E-18			9.0E-17	3.4E-15	3.7E-09	1.2E-07	4.6E-10	4.1E-08	4.4E-18	3.6E-16
Cadmium	7.2E-16			7.0E-17	2.7E-15	6.5E-08	2.3E-06	8.1E-09	7.6E-07	3.4E-18	2.9E-16
Chromium	1.9E-16			4.6E-12	1.8E-10	5.5E-07	2.0E-05	6.9E-08	6.6E-06	2.2E-13	1.9E-11
Cobalt				1.5E-06	4.8E-10	8.4E-07	1.5E-05	1.1E-07	5.1E-06	7.6E-08	5.2E-11
Copper				1.7E-11	6.3E-10	1.5E-06	5.2E-05	1.9E-07	1.7E-05	8.2E-13	6.8E-11
Iron				1.5E-03						7.2E-05	
Lead	5.9E-19			7.3E-06	3.3E-13	5.1E-07	1.7E-05	6.4E-08	5.6E-06	3.6E-07	3.5E-14
Manganese				6.8E-14	2.6E-12	4.7E-07	1.6E-05	5.8E-08	5.4E-06	3.3E-15	2.8E-13
Mercury (+2)				1.5E-15	4.5E-14	2.0E-09	7.1E-08	2.5E-10	2.4E-08	7.2E-17	4.9E-15
Mercury, elemental				1.9E-09		8.4E-12	3.0E-10	1.1E-12	9.9E-11	3.7E-06	
Methyl Mercury	5.6E-16			8.7E-17	3.4E-15					4.3E-18	3.6E-16

Table H-155 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	2.8E-16			3.4E-05	1.3E-14	3.0E-07	1.0E-05	3.7E-08	3.4E-06	1.7E-06	1.4E-15
Phosphorus				6.4E-16	2.4E-14	2.3E-06	7.4E-05	2.8E-07	2.5E-05	6.2E-12	5.0E-10
Selenium	2.4E-17			3.5E-18	1.3E-16	1.5E-08	5.2E-07	1.9E-09	1.7E-07	1.7E-19	1.4E-17
Silver	1.6E-17			5.6E-14	2.1E-12	9.8E-09	3.2E-07	1.2E-09	1.1E-07	2.7E-15	2.2E-13
Titanium				6.9E-16	2.8E-14	5.2E-09	2.0E-07	6.5E-10	6.5E-08	3.4E-17	3.0E-15
Zinc	3.5E-13			1.6E-14	5.6E-13	1.2E-05	3.4E-04	1.5E-06	1.1E-04	7.7E-16	6.0E-14
NOx											
NOx (Oxides of Nitrogen)						1.3E-04	4.5E-03	1.7E-05	1.5E-03		
PAHs											
1-Methylnaphthalene		2.0E-17	4.2E-16	1.9E-17	7.6E-16	2.8E-06	1.2E-04	3.5E-07	3.9E-05	2.1E-14	1.9E-12
1-Methylphenanthrene				1.2E-14	5.1E-13	3.4E-07	1.4E-05	4.2E-08	4.7E-06	6.1E-16	5.5E-14
2,3,5-Trimethylnaphthalene				5.8E-15	2.5E-13	1.7E-07	7.2E-06	2.1E-08	2.4E-06	2.8E-16	2.7E-14
2,6-Dimethylnaphthalene				1.6E-14	6.7E-13	4.4E-07	1.9E-05	5.5E-08	6.2E-06	7.8E-16	7.2E-14
2-Methylnaphthalene		2.0E-17	4.0E-16	1.8E-17	7.4E-16	2.7E-06	1.1E-04	3.4E-07	3.8E-05	2.1E-14	1.9E-12
Acenaphthylene				5.1E-14	2.2E-12	1.6E-06	6.8E-05	2.0E-07	2.3E-05	2.5E-15	2.3E-13
Acenaphthene	2.9E-16					3.0E-07	1.2E-05	3.7E-08	4.1E-06		
Anthracene	3.7E-15					5.2E-07	2.2E-05	6.5E-08	7.3E-06		
Benzo(a)anthracene	5.3E-13	7.7E-07	3.1E-12	7.0E-07	5.7E-12	2.6E-07	1.1E-05	3.2E-08	3.7E-06	1.1E-05	1.9E-10
Benzo(a)pyrene	2.6E-13	6.5E-07	1.4E-12	5.9E-07	2.5E-12	1.0E-07	4.2E-06	1.3E-08	1.4E-06	2.9E-08	2.7E-13
Benzo(b)fluoranthene	7.1E-14	1.0E-06	7.3E-14	9.5E-07	1.3E-13	1.1E-07	4.5E-06	1.4E-08	1.5E-06	4.7E-08	1.4E-14
Benzo(e)pyrene				2.9E-15	1.1E-13	8.6E-08	3.5E-06	1.1E-08	1.2E-06	1.4E-16	1.2E-14
Benzo(g,h,i)perylene				2.1E-15	8.7E-14	6.6E-08	2.7E-06	8.2E-09	9.1E-07	1.1E-16	9.4E-15
Benzo(k)fluoranthene	5.3E-16	5.7E-07	3.6E-14	5.1E-07	6.5E-14	1.0E-09	1.8E-08	1.2E-10	5.9E-09	2.5E-08	7.0E-15
Biphenyl				2.9E-16	1.2E-14	9.5E-06	4.0E-04	1.2E-06	1.3E-04	1.7E-13	1.5E-11

Table H-155 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	9.0E-14	8.1E-07	3.6E-12	7.3E-07	6.5E-12	4.4E-07	1.8E-05	5.5E-08	6.0E-06	3.6E-08	7.1E-13
Dibenze(a,h)anthracene	1.3E-14	1.3E-07	4.5E-13	1.1E-07	8.2E-13	1.6E-08	6.5E-07	2.0E-09	2.2E-07	5.6E-09	8.9E-14
Fluoranthene	2.4E-14	5.2E-15	1.0E-13	4.7E-15	1.9E-13	6.4E-07	2.7E-05	8.0E-08	8.9E-06	2.3E-16	2.1E-14
Fluorene	5.2E-15					1.6E-06	6.8E-05	2.0E-07	2.3E-05		
Indeno(1,2,3-cd)pyrene	3.2E-14	1.7E-07	1.3E-12	1.5E-07	2.4E-12	5.3E-08	2.2E-06	6.6E-09	7.3E-07	7.4E-09	2.5E-13
Napthalene	2.4E-15	1.6E-08		1.5E-08		1.3E-05	5.3E-04	1.6E-06	1.8E-04	2.1E-05	
Perylene				1.1E-15	5.3E-14	4.0E-08	1.7E-06	4.9E-09	5.8E-07	5.5E-17	5.7E-15
Phenanthrene	2.5E-14					3.0E-06	1.2E-04	3.8E-07	4.1E-05		
Pyrene	1.7E-14	1.4E-14	2.9E-13	1.3E-14	5.3E-13	6.3E-07	2.6E-05	7.8E-08	8.7E-06	3.6E-13	3.3E-11
Particulate											
Particulate Total Suspended Particulate				2.6E-10	1.0E-08	2.0E-03	7.7E-02	2.5E-04	2.6E-02	1.3E-11	1.1E-09
PM<10				3.3E-10	1.4E-08	2.6E-03	1.0E-01	3.3E-04	3.5E-02	1.6E-11	1.5E-09
PM<2.5				2.7E-10	1.1E-08	2.3E-03	9.0E-02	2.8E-04	3.0E-02	1.3E-11	1.2E-09
PCBs											
Dichlorobiphenyl	5.2E-16	3.0E-17	6.0E-16	2.6E-17	1.0E-15	8.0E-09	3.3E-07	9.9E-10	1.1E-07	2.4E-15	2.1E-13
Heptachlorobiphenyl	2.0E-17	3.5E-18	6.7E-17	2.9E-18	1.1E-16	1.1E-10	4.4E-09	1.4E-11	1.5E-09	1.5E-16	1.3E-14
Hexachlorobiphenyl	7.9E-17	1.6E-17	2.8E-16	1.3E-17	4.8E-16	4.6E-10	1.8E-08	5.7E-11	5.9E-09	6.7E-16	5.3E-14
Monochlorobiphenyl	3.6E-15	2.1E-16	4.2E-15	1.8E-16	7.1E-15	5.5E-08	2.3E-06	6.9E-09	7.6E-07	1.7E-14	1.5E-12
Nonachlorobiphenyl	2.4E-18	6.1E-19	9.5E-18	5.2E-19	1.6E-17	1.5E-11	5.5E-10	1.9E-12	1.8E-10	2.6E-17	1.8E-15
Octachlorobiphenyl	5.8E-18	1.1E-18	2.0E-17	9.5E-19	3.5E-17	3.3E-11	1.3E-09	4.2E-12	4.3E-10	4.8E-17	3.9E-15
Pentachlorobiphenyl	2.6E-16	5.6E-17	9.6E-16	4.8E-17	1.6E-15	1.6E-09	5.9E-08	2.0E-10	2.0E-08	2.4E-15	1.8E-13
Tetrachlorobiphenyl	1.5E-16	1.2E-17	2.0E-16	9.8E-18	3.3E-16	2.6E-09	9.7E-08	3.2E-10	3.2E-08	9.1E-16	6.8E-14
Trichlorobiphenyl	2.0E-16	1.4E-17	2.5E-16	1.2E-17	4.2E-16	3.3E-09	1.3E-07	4.1E-10	4.2E-08	1.1E-15	8.6E-14
Pesticides											

Table H-155 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
DDE				5.5E-08						1.7E-06	
Dieldrin		5.3E-09		6.2E-09						3.1E-10	
SVOCs											
1,2,4-trichlorobenzene						2.3E-08	7.4E-07	2.9E-09	2.5E-07		
1,2-dichlorobenzene	2.4E-19					9.3E-09	1.7E-07	1.2E-09	5.5E-08		
1,3-Butadiene						2.3E-03					
1,3-dichlorobenzene	5.9E-19					1.4E-08	4.7E-07	1.7E-09	1.6E-07		
1,4-dichlorobenzene	7.9E-18					1.3E-07	5.8E-06	1.6E-08	1.9E-06		
2,4-Dimethylphenol	2.2E-16					2.0E-06	8.1E-05	2.5E-07	2.7E-05		
2-Chlorophenol	1.1E-17					4.1E-07	1.8E-05	5.1E-08	5.9E-06		
2-Methylphenol	4.5E-15					4.8E-06	2.0E-04	6.0E-07	6.7E-05		
2-Nitrophenol	2.7E-17					6.5E-07	2.7E-05	8.1E-08	8.9E-06		
3-Methylphenol & 4-Methylphenol				3.2E-13	1.3E-11	8.6E-06	3.6E-04	1.1E-06	1.2E-04	1.5E-14	1.4E-12
4-Nitrophenol	5.6E-17					1.1E-06	4.1E-05	1.3E-07	1.4E-05		
Acetophenone	3.4E-16					1.0E-05	4.2E-04	1.3E-06	1.4E-04		
Benzoic acid	1.4E-15					4.6E-05	1.9E-03	5.8E-06	6.4E-04		
Benzyl alcohol	8.4E-19					3.9E-07	1.2E-05	4.8E-08	3.9E-06		
bis(2-Ethylhexyl) phthalate	4.2E-14	5.7E-13	1.0E-11	6.8E-13	2.4E-11	1.6E-05	6.3E-04	2.0E-06	2.1E-04	3.3E-14	2.6E-12
Butyl benzyl phthalate	1.5E-14	2.8E-16	5.7E-15	3.3E-16	1.3E-14	5.1E-07	2.1E-05	6.4E-08	7.1E-06	1.6E-17	1.5E-15
Carbazole				1.2E-15	2.2E-14	1.4E-08	2.6E-07	1.8E-09	8.6E-08	5.9E-17	2.4E-15
Dibenzofuran		1.2E-17	2.5E-16	4.8E-17	1.9E-15	8.2E-07	3.4E-05	1.0E-07	1.1E-05	2.1E-14	1.8E-12
Dimethyl phthalate	5.5E-18					2.9E-08	5.1E-07	3.6E-09	1.7E-07		
Di-n-butyl phthalate	1.4E-13	2.8E-16	5.7E-15	3.3E-16	1.4E-14	7.9E-07	3.3E-05	9.8E-08	1.1E-05	1.6E-17	1.5E-15
Di-n-octyl phthalate	1.1E-18	8.0E-16	7.4E-15	9.5E-16	1.8E-14	5.5E-08	9.8E-07	6.9E-09	3.3E-07	4.7E-17	1.9E-15

Table H-155 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	5.8E-16					3.8E-06	6.8E-05	4.8E-07	2.3E-05		
Isopropanol						2.7E-01					
Phenol	1.3E-14					2.6E-05	1.1E-03	3.2E-06	3.6E-04		
Pyridine	6.6E-16					2.4E-06	1.0E-04	3.1E-07	3.4E-05		
TRS											
Total Reduced Sulfur						2.5E-05	1.1E-03	3.1E-06	3.6E-04		
VOCs											
1,1,1,2-Tetrachloroethane	2.3E-19					1.2E-08	3.9E-07	1.4E-09	1.3E-07		
1,1,1-Trichloroethane	1.5E-20					1.1E-08	4.3E-07	1.4E-09	1.4E-07		
1,1-Dichloroethene	5.1E-22					2.2E-09	4.0E-08	2.8E-10	1.3E-08		
1,2,3-Trichlorobenzene	1.6E-17					4.6E-08	1.7E-06	5.7E-09	5.7E-07		
1,2,3-Trichloropropane	9.3E-20					9.3E-09	1.7E-07	1.2E-09	5.5E-08		
1,2,4-Trimethylbenzene						5.3E-07	1.7E-05	6.7E-08	5.6E-06		
1,2-Dibromoethane	3.2E-20					5.9E-09	1.1E-07	7.4E-10	3.5E-08		
1,2-Dichloroethane	1.0E-18					2.4E-07	9.0E-06	8.6E-05	3.0E-06		
1,3,5-Trimethylbenzene	5.2E-18					5.0E-07	1.5E-05	6.3E-08	5.0E-06		
1,3-Dichloropropane						5.7E-09	1.0E-07	7.2E-10	3.4E-08		
2-Butanone	2.1E-16					2.8E-06	1.1E-04	3.5E-07	3.7E-05		
2-Chlorotoluene						1.3E-07	5.2E-06	1.6E-08	1.7E-06		
2-Hexanone						5.8E-07	2.1E-05	7.2E-08	7.0E-06		
Benzene	1.7E-16					9.4E-03	2.9E-03	8.3E-04	9.7E-04		
Bromobenzene						3.2E-06	5.7E-05	4.0E-07	1.9E-05		
Bromochloromethane						7.6E-09	1.3E-07	9.4E-10	4.5E-08		
Bromodichloromethane	2.7E-20					8.2E-09	1.5E-07	1.0E-09	4.9E-08		

Table H-155 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromomethane	1.1E-19					3.3E-07	9.8E-06	4.1E-08	3.3E-06		
Carbon disulfide	1.1E-19					2.9E-07	8.4E-06	3.6E-08	2.8E-06		
Carbon tetrachloride	1.2E-20					1.2E-02	3.3E-07	1.3E-03	1.1E-07		
Chlorobenzene	4.0E-18					4.1E-07	1.5E-05	5.2E-08	4.9E-06		
Chlorodibromomethane	1.6E-18					2.0E-07	3.6E-06	2.5E-08	1.2E-06		
Chloroethane	3.2E-19					7.8E-07	2.7E-05	9.8E-08	9.1E-06		
Chloroform	2.4E-19					2.7E-03	3.3E-06	2.1E-04	1.1E-06		
Chloromethane	8.4E-19					2.7E-06	8.0E-05	3.3E-07	2.7E-05		
cis-1,2-Dichloroethene	3.3E-19					3.4E-07	6.1E-06	4.3E-08	2.0E-06		
cis-1,3-Dichloropropene						2.1E-09	3.7E-08	2.6E-10	1.2E-08		
Dibromomethane	3.6E-20					1.7E-08	3.1E-07	2.2E-09	1.0E-07		
Dichlorodifluoromethane	4.0E-22					2.1E-08	3.8E-07	2.7E-09	1.3E-07		
Ethylbenzene	1.3E-16					4.5E-03	6.3E-04	2.1E-06	2.1E-04		
Isopropylbenzene	1.7E-19					1.4E-06	4.6E-05	1.7E-07	1.5E-05		
m&p-Xylene	2.0E-17					3.1E-06	1.1E-04	3.9E-07	3.5E-05		
Methyl Isobutyl Ketone (4-methyl-2-per	2.1E-19					3.1E-08	5.4E-07	3.8E-09	1.8E-07		
Methylene chloride	2.2E-18					1.5E-06	5.7E-05	1.9E-07	1.9E-05		
n-Butylbenzene						6.7E-07	2.0E-05	8.3E-08	6.6E-06		
n-Propylbenzene						8.0E-07	2.6E-05	1.0E-07	8.8E-06		
o-Xylene	2.4E-17					2.0E-06	6.5E-05	2.5E-07	2.2E-05		
p-Chlorotoluene						4.8E-08	1.4E-06	5.9E-09	4.8E-07		
p-Isopropyltoluene						3.3E-07	7.9E-06	4.1E-08	2.6E-06		
sec-Butylbenzene						1.2E-07	3.7E-06	1.5E-08	1.2E-06		
Styrene	8.0E-16					4.4E-05	1.6E-03	5.5E-06	5.3E-04		

Table H-155 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)
tert-Butylbenzene						3.9E-06	7.0E-05	4.9E-07	2.3E-05			
Tetrachloroethene	5.7E-20					1.0E-08	3.6E-07	1.3E-09	1.2E-07			
Toluene	1.3E-16					2.7E-05	1.1E-03	3.4E-06	3.5E-04			
trans-1,2-Dichloroethene	5.0E-18					7.2E-06	1.3E-04	9.1E-07	4.3E-05			
trans-1,3-Dichloropropene						3.6E-09	6.5E-08	4.5E-10	2.2E-08			
Trichloroethene	5.8E-22					3.1E-03	1.1E-08	7.8E-11	3.7E-09			
Trichlorofluoromethane	9.0E-22					7.5E-09	1.3E-07	9.4E-10	4.4E-08			
Vinyl chloride	4.1E-20					2.5E-04	1.0E-05	5.3E-08	3.4E-06			

Table H-156 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	3.0E-05	1.0E-07	9.9E-06		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	5.2E-05	1.8E-07	1.7E-05		
Formaldehyde	4.5E-13					6.2E-07	2.0E-05	7.7E-08	6.8E-06		
Propionaldehyde				2.2E-15	7.2E-14	1.6E-07	5.8E-06	2.0E-08	1.9E-06	1.7E-14	1.2E-12
CO											
Carbon monoxide						4.5E-05	1.7E-03	5.6E-06	5.6E-04		
CO2											
Carbon dioxide						1.4E-06	5.0E-05	1.8E-07	1.7E-05		
Criteria											
Sulfur Dioxide						3.8E-07	1.2E-05	4.7E-08	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	2.6E-14	5.5E-15	2.1E-13	8.5E-13	3.4E-11	1.1E-13	1.1E-11	2.7E-19	2.2E-17
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.6E-14	5.5E-15	2.1E-13	8.6E-13	3.4E-11	1.1E-13	1.1E-11	2.7E-19	2.2E-17
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	3.1E-15	6.4E-16	2.5E-14	1.1E-13	4.4E-12	1.4E-14	1.5E-12	3.1E-20	2.7E-18
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	3.0E-15	6.2E-16	2.4E-14	1.0E-13	4.1E-12	1.3E-14	1.4E-12	3.1E-20	2.6E-18
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	2.4E-14	4.9E-15	1.9E-13	8.3E-13	3.3E-11	1.0E-13	1.1E-11	2.4E-19	2.1E-17
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	6.2E-15	1.3E-15	4.9E-14	2.1E-13	8.7E-12	2.7E-14	2.9E-12	6.2E-20	5.3E-18
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	8.0E-15	1.6E-15	6.3E-14	2.7E-13	1.1E-11	3.4E-14	3.6E-12	7.9E-20	6.8E-18
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	9.8E-15	2.0E-15	7.7E-14	3.2E-13	1.3E-11	4.1E-14	4.4E-12	9.8E-20	8.3E-18
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	5.8E-16	1.2E-16	4.5E-15	2.1E-14	8.4E-13	2.6E-15	2.8E-13	5.7E-21	4.9E-19
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	3.5E-15	7.0E-16	2.8E-14	1.3E-13	5.3E-12	1.6E-14	1.8E-12	3.5E-20	3.0E-18
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	4.1E-15	8.3E-16	3.3E-14	1.8E-13	7.5E-12	2.3E-14	2.5E-12	4.0E-20	3.5E-18

Table H-156 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	1.2E-14	2.5E-15	9.5E-14	4.2E-13	1.7E-11	5.2E-14	5.6E-12	1.2E-19	1.0E-17
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	9.9E-15	2.0E-15	7.8E-14	4.1E-13	1.7E-11	5.2E-14	5.6E-12	9.7E-20	8.4E-18
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.2E-16	1.4E-16	4.1E-15	5.2E-14	1.7E-12	6.5E-15	5.8E-13	4.9E-18	3.1E-16
2,3,7,8-TCDF	8.0E-18	6.6E-17	1.3E-15	2.6E-16	1.0E-14	1.9E-13	7.8E-12	2.4E-14	2.6E-12	1.3E-20	1.1E-18
OCDD	1.8E-20	9.4E-16	1.7E-14	3.7E-15	1.4E-13	5.6E-13	2.2E-11	7.0E-14	7.4E-12	1.8E-19	1.5E-17
OCDF	6.7E-21	3.6E-16	6.5E-15	1.4E-15	5.1E-14	2.1E-13	8.2E-12	2.6E-14	2.7E-12	7.0E-20	5.5E-18
HCN											
Hydrogen cyanide						1.6E-07	6.2E-06	2.0E-08	2.1E-06		
Metals											
Aluminum				9.4E-03						4.6E-07	
Antimony	1.6E-17			4.3E-07		1.0E-08	2.6E-07	1.3E-09	8.6E-08	2.1E-11	
Arsenic	8.1E-16	2.0E-07	4.8E-17	4.6E-07	2.3E-16	5.9E-10	2.1E-08	7.4E-11	7.0E-09	3.8E-11	4.1E-20
Barium	2.3E-12			3.1E-09	1.1E-07	1.3E-07	3.4E-06	1.6E-08	1.1E-06	1.5E-13	1.2E-11
Beryllium	3.3E-17			1.0E-15	3.9E-14	4.3E-11	1.5E-09	5.4E-12	4.8E-10	5.1E-20	4.3E-18
Cadmium	8.3E-15			8.2E-16	3.1E-14	7.6E-10	2.6E-08	9.5E-11	8.8E-09	4.0E-20	3.4E-18
Chromium	2.6E-15			8.3E-11	3.2E-09	6.5E-09	2.3E-07	8.1E-10	7.7E-08	4.1E-15	3.5E-13
Cobalt				1.8E-05	1.0E-08	9.8E-09	1.8E-07	1.2E-09	6.0E-08	8.8E-10	1.1E-12
Copper				3.4E-10	1.3E-08	1.8E-08	6.1E-07	2.2E-09	2.0E-07	1.6E-14	1.4E-12
Iron				1.7E-02						8.4E-07	
Lead	6.9E-18			8.6E-05	3.8E-12	6.0E-09	2.0E-07	7.5E-10	6.5E-08	4.2E-09	4.1E-16
Manganese				8.0E-13	3.1E-11	5.5E-09	1.9E-07	6.8E-10	6.3E-08	3.9E-17	3.3E-15
Mercury (+2)				3.4E-14	1.1E-12	2.4E-11	8.3E-10	2.9E-12	2.8E-10	1.7E-18	1.1E-16
Mercury, elemental				2.3E-08		9.8E-14	3.5E-12	1.2E-14	1.2E-12	4.3E-08	
Methyl Mercury	8.7E-15			2.0E-15	7.9E-14					1.0E-19	8.5E-18

Table H-156 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			4.0E-04	1.6E-13	3.5E-09	1.2E-07	4.3E-10	4.0E-08	2.0E-08	1.7E-17
Phosphorus				7.5E-15	2.8E-13	2.6E-08	8.6E-07	3.3E-09	2.9E-07	7.2E-14	5.9E-12
Selenium	2.8E-16			4.0E-17	1.6E-15	1.7E-10	6.1E-09	2.2E-11	2.0E-09	2.0E-21	1.7E-19
Silver	2.1E-16			8.4E-13	3.1E-11	1.1E-10	3.7E-09	1.4E-11	1.2E-09	4.1E-17	3.4E-15
Titanium				8.0E-15	3.2E-13	6.1E-11	2.3E-09	7.6E-12	7.6E-10	3.9E-19	3.5E-17
Zinc	4.1E-12			1.8E-13	6.5E-12	1.4E-07	3.9E-06	1.7E-08	1.3E-06	9.0E-18	7.0E-16
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	5.2E-05	2.0E-07	1.7E-05		
PAHs											
1-Methylnaphthalene		2.4E-16	4.9E-15	2.2E-16	8.9E-15	3.3E-08	1.4E-06	4.1E-09	4.6E-07	2.5E-16	2.2E-14
1-Methylphenanthrene				1.5E-13	6.0E-12	3.9E-09	1.7E-07	4.9E-10	5.5E-08	7.1E-18	6.5E-16
2,3,5-Trimethylnaphthalene				6.8E-14	3.0E-12	1.9E-09	8.4E-08	2.4E-10	2.8E-08	3.3E-18	3.2E-16
2,6-Dimethylnaphthalene				1.9E-13	7.9E-12	5.1E-09	2.2E-07	6.4E-10	7.3E-08	9.1E-18	8.5E-16
2-Methylnaphthalene		2.3E-16	4.7E-15	2.1E-16	8.6E-15	3.2E-08	1.3E-06	4.0E-09	4.4E-07	2.4E-16	2.2E-14
Acenaphthylene				6.0E-13	2.5E-11	1.9E-08	8.0E-07	2.4E-09	2.7E-07	2.9E-17	2.7E-15
Acenaphthene	3.4E-15					3.5E-09	1.4E-07	4.3E-10	4.8E-08		
Anthracene	4.3E-14					6.1E-09	2.6E-07	7.6E-10	8.6E-08		
Benzo(a)anthracene	6.2E-12	9.0E-06	4.4E-11	8.1E-06	8.0E-11	3.0E-09	1.3E-07	3.7E-10	4.3E-08	1.2E-07	2.7E-12
Benzo(a)pyrene	3.1E-12	7.5E-06	1.8E-11	6.8E-06	3.3E-11	1.2E-09	4.9E-08	1.5E-10	1.6E-08	3.4E-10	3.6E-15
Benzo(b)fluoranthene	8.3E-13	1.2E-05	1.0E-12	1.1E-05	1.8E-12	1.3E-09	5.3E-08	1.6E-10	1.8E-08	5.5E-10	2.0E-16
Benzo(e)pyrene				3.4E-14	1.3E-12	1.0E-09	4.1E-08	1.3E-10	1.4E-08	1.7E-18	1.4E-16
Benzo(g,h,i)perylene				2.5E-14	1.0E-12	7.7E-10	3.2E-08	9.6E-11	1.1E-08	1.2E-18	1.1E-16
Benzo(k)fluoranthene	7.4E-15	6.6E-06	6.4E-13	6.0E-06	1.2E-12	1.2E-11	2.1E-10	1.5E-12	6.9E-11	2.9E-10	1.3E-16
Biphenyl				3.3E-15	1.4E-13	1.1E-07	4.7E-06	1.4E-08	1.6E-06	2.0E-15	1.8E-13

Table H-156 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	1.1E-12	9.4E-06	5.5E-11	8.6E-06	9.9E-11	5.1E-09	2.1E-07	6.4E-10	7.1E-08	4.2E-10	1.1E-14
Dibenze(a,h)anthracene	1.6E-13	1.5E-06	6.7E-12	1.3E-06	1.2E-11	1.9E-10	7.6E-09	2.3E-11	2.5E-09	6.5E-11	1.3E-15
Fluoranthene	2.8E-13	6.7E-14	1.4E-12	6.1E-14	2.5E-12	7.5E-09	3.1E-07	9.4E-10	1.0E-07	3.0E-18	2.7E-16
Fluorene	6.1E-14					1.9E-08	7.9E-07	2.3E-09	2.6E-07		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.9E-06	1.8E-11	1.8E-06	3.3E-11	6.2E-10	2.5E-08	7.7E-11	8.5E-09	8.6E-11	3.6E-15
Napthalene	2.8E-14	1.9E-07		1.7E-07		1.5E-07	6.2E-06	1.9E-08	2.1E-06	2.5E-07	
Perylene				1.3E-14	6.2E-13	4.6E-10	2.0E-08	5.8E-11	6.8E-09	6.5E-19	6.6E-17
Phenanthrene	2.9E-13					3.5E-08	1.5E-06	4.4E-09	4.8E-07		
Pyrene	2.0E-13	2.5E-13	5.1E-12	2.3E-13	9.3E-12	7.3E-09	3.0E-07	9.1E-10	1.0E-07	6.4E-15	5.8E-13
Particulate											
Particulate Total Suspended Particulate				3.0E-09	1.2E-07	2.3E-05	9.0E-04	2.9E-06	3.0E-04	1.5E-13	1.3E-11
PM<10				3.8E-09	1.6E-07	3.1E-05	1.2E-03	3.9E-06	4.0E-04	1.9E-13	1.7E-11
PM<2.5				3.2E-09	1.3E-07	2.6E-05	1.0E-03	3.3E-06	3.5E-04	1.6E-13	1.4E-11
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	1.3E-14	5.5E-16	2.2E-14	9.3E-11	3.8E-09	1.2E-11	1.3E-09	5.1E-17	4.5E-15
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.4E-15	6.3E-17	2.4E-15	1.3E-12	5.1E-11	1.6E-13	1.7E-11	3.2E-18	2.7E-16
Hexachlorobiphenyl	9.3E-16	3.4E-16	6.1E-15	2.9E-16	1.0E-14	5.3E-12	2.1E-10	6.7E-13	6.9E-11	1.5E-17	1.1E-15
Monochlorobiphenyl	4.3E-14	4.5E-15	9.0E-14	3.8E-15	1.5E-13	6.5E-10	2.7E-08	8.1E-11	8.9E-09	3.5E-16	3.1E-14
Nonachlorobiphenyl	2.9E-17	1.3E-17	2.1E-16	1.1E-17	3.5E-16	1.8E-13	6.4E-12	2.2E-14	2.1E-12	5.7E-19	3.9E-17
Octachlorobiphenyl	6.8E-17	2.4E-17	4.4E-16	2.0E-17	7.5E-16	3.9E-13	1.5E-11	4.9E-14	5.1E-12	1.0E-18	8.4E-17
Pentachlorobiphenyl	3.1E-15	1.2E-15	2.1E-14	1.0E-15	3.5E-14	1.8E-11	6.9E-10	2.3E-12	2.3E-10	5.2E-17	3.9E-15
Tetrachlorobiphenyl	1.8E-15	2.5E-16	4.2E-15	2.1E-16	7.1E-15	3.0E-11	1.1E-09	3.8E-12	3.8E-10	2.0E-17	1.5E-15
Trichlorobiphenyl	2.4E-15	3.0E-16	5.3E-15	2.5E-16	9.0E-15	3.8E-11	1.5E-09	4.8E-12	4.9E-10	2.3E-17	1.8E-15
Pesticides											

Table H-156 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
DDE				6.4E-07						2.0E-08	
Dieldrin		6.2E-08		7.3E-08						3.6E-12	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	8.7E-09	3.4E-11	2.9E-09		
1,2-dichlorobenzene	2.8E-18					1.1E-10	1.9E-09	1.4E-11	6.5E-10		
1,3-Butadiene						2.7E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	5.5E-09	2.0E-11	1.8E-09		
1,4-dichlorobenzene	9.2E-17					1.5E-09	6.8E-08	1.9E-10	2.3E-08		
2,4-Dimethylphenol	2.5E-15					2.4E-08	9.5E-07	3.0E-09	3.2E-07		
2-Chlorophenol	1.3E-16					4.7E-09	2.1E-07	5.9E-10	6.9E-08		
2-Methylphenol	5.3E-14					5.6E-08	2.3E-06	7.0E-09	7.8E-07		
2-Nitrophenol	3.2E-16					7.6E-09	3.1E-07	9.4E-10	1.0E-07		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.5E-10	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.8E-16	1.7E-14
4-Nitrophenol	6.5E-16					1.3E-08	4.8E-07	1.6E-09	1.6E-07		
Acetophenone	3.9E-15					1.2E-07	4.9E-06	1.5E-08	1.6E-06		
Benzoic acid	1.6E-14					5.4E-07	2.2E-05	6.7E-08	7.5E-06		
Benzyl alcohol	9.8E-18					4.5E-09	1.4E-07	5.6E-10	4.5E-08		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	1.2E-10	8.0E-12	2.9E-10	1.9E-07	7.4E-06	2.4E-08	2.5E-06	3.9E-16	3.1E-14
Butyl benzyl phthalate	1.8E-13	3.3E-15	6.6E-14	3.8E-15	1.6E-13	6.0E-09	2.5E-07	7.5E-10	8.3E-08	1.9E-19	1.7E-17
Carbazole				1.4E-14	2.6E-13	1.7E-10	3.0E-09	2.1E-11	1.0E-09	6.9E-19	2.8E-17
Dibenzofuran		1.4E-16	2.9E-15	5.7E-16	2.3E-14	9.5E-09	3.9E-07	1.2E-09	1.3E-07	2.4E-16	2.1E-14
Dimethyl phthalate	6.5E-17					3.3E-10	5.9E-09	4.2E-11	2.0E-09		
Di-n-butyl phthalate	1.7E-12	3.3E-15	6.7E-14	3.9E-15	1.6E-13	9.2E-09	3.8E-07	1.1E-09	1.3E-07	1.9E-19	1.7E-17
Di-n-octyl phthalate	1.3E-17	9.4E-15	8.7E-14	1.1E-14	2.1E-13	6.4E-10	1.1E-08	8.0E-11	3.8E-09	5.5E-19	2.2E-17

Table H-156 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	7.9E-07	5.5E-09	2.6E-07		
Isopropanol						3.2E-03					
Phenol	1.5E-13					3.0E-07	1.2E-05	3.8E-08	4.2E-06		
Pyridine	7.7E-15					2.9E-08	1.2E-06	3.6E-09	4.0E-07		
TRS											
Total Reduced Sulfur						2.9E-07	1.3E-05	3.6E-08	4.2E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	4.6E-09	1.7E-11	1.5E-09		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	5.0E-09	1.7E-11	1.7E-09		
1,1-Dichloroethene	6.0E-21					2.6E-11	4.6E-10	3.2E-12	1.5E-10		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	2.0E-08	6.7E-11	6.6E-09		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	1.9E-09	1.4E-11	6.4E-10		
1,2,4-Trimethylbenzene						6.2E-09	2.0E-07	7.8E-10	6.6E-08		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.2E-09	8.6E-12	4.1E-10		
1,2-Dichloroethane	1.2E-17					2.8E-09	1.0E-07	1.0E-06	3.5E-08		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.7E-07	7.3E-10	5.8E-08		
1,3-Dichloropropane						6.7E-11	1.2E-09	8.4E-12	4.0E-10		
2-Butanone	2.4E-15					3.3E-08	1.3E-06	4.1E-09	4.4E-07		
2-Chlorotoluene						1.5E-09	6.1E-08	1.8E-10	2.0E-08		
2-Hexanone						6.8E-09	2.5E-07	8.4E-10	8.2E-08		
Benzene	2.0E-15					1.1E-04	3.4E-05	9.7E-06	1.1E-05		
Bromobenzene						3.7E-08	6.6E-07	4.7E-09	2.2E-07		
Bromochloromethane						8.8E-11	1.6E-09	1.1E-11	5.2E-10		
Bromodichloromethane	3.1E-19					9.5E-11	1.7E-09	1.2E-11	5.7E-10		

Table H-156 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	1.1E-07	4.8E-10	3.8E-08		
Carbon disulfide	1.3E-18					3.3E-09	9.8E-08	4.2E-10	3.3E-08		
Carbon tetrachloride	1.3E-19					1.4E-04	3.9E-09	1.5E-05	1.3E-09		
Chlorobenzene	4.7E-17					4.8E-09	1.7E-07	6.0E-10	5.7E-08		
Chlorodibromomethane	1.8E-17					2.4E-09	4.2E-08	3.0E-10	1.4E-08		
Chloroethane	3.7E-18					9.1E-09	3.2E-07	1.1E-09	1.1E-07		
Chloroform	2.8E-18					3.2E-05	3.8E-08	2.4E-06	1.3E-08		
Chloromethane	9.8E-18					3.1E-08	9.4E-07	3.9E-09	3.1E-07		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	7.1E-08	5.0E-10	2.4E-08		
cis-1,3-Dichloropropene						2.4E-11	4.3E-10	3.0E-12	1.4E-10		
Dibromomethane	4.2E-19					2.0E-10	3.6E-09	2.5E-11	1.2E-09		
Dichlorodifluoromethane	4.7E-21					2.5E-10	4.4E-09	3.1E-11	1.5E-09		
Ethylbenzene	1.5E-15					5.3E-05	7.4E-06	2.4E-08	2.5E-06		
Isopropylbenzene	2.0E-18					1.6E-08	5.4E-07	2.0E-09	1.8E-07		
m&p-Xylene	2.4E-16					3.6E-08	1.2E-06	4.6E-09	4.1E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	6.4E-09	4.5E-11	2.1E-09		
Methylene chloride	2.6E-17					1.8E-08	6.6E-07	2.3E-09	2.2E-07		
n-Butylbenzene						7.8E-09	2.3E-07	9.7E-10	7.7E-08		
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07		
o-Xylene	2.8E-16					2.3E-08	7.6E-07	2.9E-09	2.5E-07		
p-Chlorotoluene						5.5E-10	1.7E-08	6.9E-11	5.6E-09		
p-Isopropyltoluene						3.8E-09	9.2E-08	4.8E-10	3.1E-08		
sec-Butylbenzene						1.4E-09	4.3E-08	1.8E-10	1.4E-08		
Styrene	9.4E-15					5.1E-07	1.9E-05	6.4E-08	6.2E-06		

Table H-156 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)
tert-Butylbenzene						4.6E-08	8.1E-07	5.7E-09	2.7E-07			
Tetrachloroethene	6.6E-19					1.2E-10	4.2E-09	1.5E-11	1.4E-09			
Toluene	1.6E-15					3.2E-07	1.2E-05	3.9E-08	4.1E-06			
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	1.5E-06	1.1E-08	5.0E-07			
trans-1,3-Dichloropropene						4.2E-11	7.5E-10	5.3E-12	2.5E-10			
Trichloroethene	6.8E-21					3.7E-05	1.3E-10	9.1E-13	4.3E-11			
Trichlorofluoromethane	1.0E-20					8.7E-11	1.6E-09	1.1E-11	5.2E-10			
Vinyl chloride	4.8E-19					3.0E-06	1.2E-07	6.2E-10	4.0E-08			

Table H-157 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			7.2E-05	9.0E-06	
Aldehydes					
Acetaldehyde			1.2E-04	1.6E-05	
Formaldehyde			5.3E-05	6.6E-06	
Propionaldehyde		1.9E-16	1.4E-05	1.7E-06	1.4E-12
CO					
Carbon monoxide			3.8E-03	4.8E-04	
CO2					
Carbon dioxide			1.2E-04	1.5E-05	
Criteria					
Sulfur Dioxide			3.2E-05	4.1E-06	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	6.4E-17	2.5E-16	7.3E-11	9.1E-12	1.2E-17
1,2,3,4,6,7,8-HpCDF	6.5E-17	2.6E-16	7.3E-11	9.2E-12	1.3E-17
1,2,3,4,7,8,9-HpCDF	7.5E-18	2.9E-17	9.3E-12	1.2E-12	1.4E-18
1,2,3,4,7,8-HxCDD	7.3E-18	2.9E-17	8.7E-12	1.1E-12	1.4E-18
1,2,3,4,7,8-HxCDF	5.8E-17	2.3E-16	7.1E-11	8.9E-12	1.1E-17
1,2,3,6,7,8-HxCDD	1.5E-17	5.9E-17	1.8E-11	2.3E-12	2.9E-18
1,2,3,6,7,8-HxCDF	1.9E-17	7.5E-17	2.3E-11	2.9E-12	3.7E-18
1,2,3,7,8,9-HxCDD	2.4E-17	9.3E-17	2.8E-11	3.5E-12	4.5E-18
1,2,3,7,8,9-HxCDF	1.4E-18	5.4E-18	1.8E-12	2.2E-13	2.6E-19

Table H-157 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	8.3E-18	3.3E-17	1.1E-11	1.4E-12	1.6E-18
1,2,3,7,8-PeCDF	9.7E-18	3.8E-17	1.6E-11	2.0E-12	1.9E-18
2,3,4,6,7,8-HxCDF	3.0E-17	1.2E-16	3.6E-11	4.5E-12	5.7E-18
2,3,4,7,8-PeCDF	2.3E-17	9.2E-17	3.5E-11	4.4E-12	4.5E-18
2,3,7,8-TCDD	1.7E-18	6.7E-18	4.4E-12	5.6E-13	2.3E-16
2,3,7,8-TCDF	3.1E-18	1.2E-17	1.6E-11	2.0E-12	6.0E-19
OCDD	4.4E-17	1.7E-16	4.8E-11	6.0E-12	8.4E-18
OCDF	1.7E-17	6.6E-17	1.8E-11	2.3E-12	3.2E-18
HCN					
Hydrogen cyanide			1.4E-05	1.7E-06	
Metals					
Aluminum		9.3E-04			4.5E-05
Antimony		2.2E-08	8.9E-07	1.1E-07	1.1E-09
Arsenic	5.1E-08	1.2E-07	5.1E-08	6.4E-09	9.9E-09
Barium		1.5E-10	1.1E-05	1.3E-06	7.5E-12
Beryllium		9.0E-17	3.7E-09	4.6E-10	4.4E-18
Cadmium		7.0E-17	6.5E-08	8.1E-09	3.4E-18
Chromium		4.6E-12	5.5E-07	6.9E-08	2.2E-13
Cobalt		2.7E-06	8.4E-07	1.1E-07	1.3E-07
Copper		1.7E-11	1.5E-06	1.9E-07	8.2E-13
Iron		2.2E-03			1.1E-04
Lead		7.7E-06	5.1E-07	6.4E-08	3.8E-07

Table H-157 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		6.8E-14	4.7E-07	5.8E-08	3.3E-15
Mercury (+2)		1.5E-15	2.0E-09	2.5E-10	7.2E-17
Mercury, elemental		8.4E-08	8.4E-12	1.1E-12	1.6E-04
Methyl Mercury		8.7E-17			4.3E-18
Nickel		5.0E-05	3.0E-07	3.7E-08	2.5E-06
Phosphorus		6.4E-16	2.3E-06	2.8E-07	6.2E-12
Selenium		3.5E-18	1.5E-08	1.9E-09	1.7E-19
Silver		5.6E-14	9.8E-09	1.2E-09	2.7E-15
Thallium (Soluble Salts)		2.3E-08			1.1E-09
Titanium		6.9E-16	5.2E-09	6.5E-10	3.4E-17
Zinc		1.6E-14	1.2E-05	1.5E-06	7.7E-16
NOx					
NOx (Oxides of Nitrogen)			1.3E-04	1.7E-05	
PAHs					
1-Methylnaphthalene	2.0E-17	1.9E-17	2.8E-06	3.5E-07	2.1E-14
1-Methylphenanthrene		1.2E-14	3.4E-07	4.2E-08	6.1E-16
2,3,5-Trimethylnaphthalene		5.8E-15	1.7E-07	2.1E-08	2.8E-16
2,6-Dimethylnaphthalene		1.6E-14	4.4E-07	5.5E-08	7.8E-16
2-Methylnaphthalene	2.0E-17	1.8E-17	2.7E-06	3.4E-07	2.1E-14
Acenaphthylene		5.1E-14	1.6E-06	2.0E-07	2.5E-15
Acenaphthene			3.0E-07	3.7E-08	
Anthracene			5.2E-07	6.5E-08	

Table H-157 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)anthracene	7.7E-09	7.0E-09	2.6E-07	3.2E-08	1.1E-07
Benzo(a)pyrene	7.2E-09	6.6E-09	1.0E-07	1.3E-08	3.2E-10
Benzo(b)fluoranthene	1.1E-08	1.0E-08	1.1E-07	1.4E-08	5.0E-10
Benzo(e)pyrene		2.9E-15	8.6E-08	1.1E-08	1.4E-16
Benzo(g,h,i)perylene		2.1E-15	6.6E-08	8.2E-09	1.1E-16
Benzo(k)fluoranthene	6.1E-09	5.5E-09	1.0E-09	1.2E-10	2.7E-10
Biphenyl		2.9E-16	9.5E-06	1.2E-06	1.7E-13
Chrysene	9.7E-09	8.8E-09	4.4E-07	5.5E-08	4.3E-10
Dibenzo(a,h)anthracene	1.7E-09	1.5E-09	1.6E-08	2.0E-09	7.6E-11
Fluoranthene	5.2E-15	4.7E-15	6.4E-07	8.0E-08	2.3E-16
Fluorene			1.6E-06	2.0E-07	
Indeno(1,2,3-cd)pyrene	4.8E-09	4.4E-09	5.3E-08	6.6E-09	2.2E-10
Napthalene			1.3E-05	1.6E-06	
Perylene		1.1E-15	4.0E-08	4.9E-09	5.5E-17
Phenanthrene			3.0E-06	3.8E-07	
Pyrene	1.4E-14	1.3E-14	6.3E-07	7.8E-08	3.6E-13
Particulate					
Particulate Total Suspended Particulate		2.6E-10	2.0E-03	2.5E-04	1.3E-11
PM<10		3.3E-10	2.6E-03	3.3E-04	1.6E-11
PM<2.5		2.7E-10	2.3E-03	2.8E-04	1.3E-11
PCBs					
Dichlorobiphenyl	3.0E-17	2.6E-17	8.0E-09	9.9E-10	2.4E-15

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Heptachlorobiphenyl	3.5E-18	2.9E-18	1.1E-10	1.4E-11	1.5E-16
Hexachlorobiphenyl	1.6E-17	1.3E-17	4.6E-10	5.7E-11	6.7E-16
Monochlorobiphenyl	2.1E-16	1.8E-16	5.5E-08	6.9E-09	1.7E-14
Nonachlorobiphenyl	6.1E-19	5.2E-19	1.5E-11	1.9E-12	2.6E-17
Octachlorobiphenyl	1.1E-18	9.5E-19	3.3E-11	4.2E-12	4.8E-17
Pentachlorobiphenyl	5.6E-17	4.8E-17	1.6E-09	2.0E-10	2.4E-15
Tetrachlorobiphenyl	1.2E-17	9.8E-18	2.6E-09	3.2E-10	9.1E-16
Trichlorobiphenyl	1.4E-17	1.2E-17	3.3E-09	4.1E-10	1.1E-15
Pesticides					
DDE		7.7E-09			2.4E-07
Dieldrin	4.0E-11	4.8E-11			2.3E-12
SVOCs					
1,2,4-trichlorobenzene			2.3E-08	2.9E-09	
1,2-dichlorobenzene			9.3E-09	1.2E-09	
1,3-dichlorobenzene			1.4E-08	1.7E-09	
1,4-dichlorobenzene			1.3E-07	1.6E-08	
1,4-Dioxane			1.1E-02		
2,4-Dimethylphenol			2.0E-06	2.5E-07	
2-Chlorophenol			4.1E-07	5.1E-08	
2-Methylphenol			4.8E-06	6.0E-07	
2-Nitrophenol			6.5E-07	8.1E-08	
3-Methylphenol & 4-Methylphenol		3.2E-13	8.6E-06	1.1E-06	1.5E-14

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
4-Nitrophenol			1.1E-06	1.3E-07	
Acetophenone			1.0E-05	1.3E-06	
Benzoic acid			4.6E-05	5.8E-06	
Benzyl alcohol			3.9E-07	4.8E-08	
bis(2-Ethylhexyl) phthalate	5.7E-13	6.8E-13	1.6E-05	2.0E-06	3.3E-14
Butyl benzyl phthalate	2.8E-16	3.3E-16	5.1E-07	6.4E-08	1.6E-17
Carbazole		1.2E-15	1.4E-08	1.8E-09	5.9E-17
Dibenzofuran	1.2E-17	4.8E-17	8.2E-07	1.0E-07	2.1E-14
Dimethyl phthalate			2.9E-08	3.6E-09	
Di-n-butyl phthalate	2.8E-16	3.3E-16	7.9E-07	9.8E-08	1.6E-17
Di-n-octyl phthalate	8.0E-16	9.5E-16	5.5E-08	6.9E-09	4.7E-17
Hexachlorobutadiene			3.8E-06	4.8E-07	
Isopropanol			1.7E-01		
Phenol			2.6E-05	3.2E-06	
Pyridine			2.4E-06	3.1E-07	
TRS					
Total Reduced Sulfur			2.5E-05	3.1E-06	
VOCs					
1,1,1,2-Tetrachloroethane			1.2E-08	1.4E-09	
1,1,1-Trichloroethane			1.1E-08	1.4E-09	
1,1-Dichloroethene			2.2E-09	2.8E-10	
1,2,3-Trichlorobenzene			4.6E-08	5.7E-09	

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3-Trichloropropane			9.3E-09	1.2E-09	
1,2,4-Trimethylbenzene			5.3E-07	6.7E-08	
1,2-Dibromoethane			5.9E-09	7.4E-10	
1,2-Dichloroethane			2.4E-07	8.6E-05	
1,3,5-Trimethylbenzene			5.0E-07	6.3E-08	
1,3-Dichloropropane			5.7E-09	7.2E-10	
2-Butanone			2.8E-06	3.5E-07	
2-Chlorotoluene			1.3E-07	1.6E-08	
2-Hexanone			5.8E-07	7.2E-08	
Benzene			5.5E-03	8.3E-04	
Bromobenzene			3.2E-06	4.0E-07	
Bromochloromethane			7.6E-09	9.4E-10	
Bromodichloromethane			8.2E-09	1.0E-09	
Bromomethane			3.3E-07	4.1E-08	
Carbon disulfide			2.9E-07	3.6E-08	
Carbon tetrachloride			1.1E-02	1.3E-03	
Chlorobenzene			4.1E-07	5.2E-08	
Chlorodibromomethane			2.0E-07	2.5E-08	
Chloroethane			7.8E-07	9.8E-08	
Chloroform			3.7E-03	2.1E-04	
Chloromethane			2.7E-06	3.3E-07	
cis-1,2-Dichloroethene			3.4E-07	4.3E-08	

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
cis-1,3-Dichloropropene			2.1E-09	2.6E-10	
Dibromomethane			1.7E-08	2.2E-09	
Dichlorodifluoromethane			2.1E-08	2.7E-09	
Ethylbenzene			3.1E-03	2.1E-06	
Isopropylbenzene			1.4E-06	1.7E-07	
m&p-Xylene			3.1E-06	3.9E-07	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.1E-08	3.8E-09	
Methylene chloride			1.5E-06	1.9E-07	
n-Butylbenzene			6.7E-07	8.3E-08	
n-Propylbenzene			8.0E-07	1.0E-07	
o-Xylene			2.0E-06	2.5E-07	
p-Chlorotoluene			4.8E-08	5.9E-09	
p-Isopropyltoluene			3.3E-07	4.1E-08	
sec-Butylbenzene			1.2E-07	1.5E-08	
Styrene			4.4E-05	5.5E-06	
tert-Butylbenzene			3.9E-06	4.9E-07	
Tetrachloroethene			1.0E-08	1.3E-09	
Toluene			2.7E-05	3.4E-06	
trans-1,2-Dichloroethene			7.2E-06	9.1E-07	
trans-1,3-Dichloropropene			3.6E-09	4.5E-10	
Trichloroethene			8.6E-04	7.8E-11	
Trichlorofluoromethane			7.5E-09	9.4E-10	

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Vinyl chloride			1.2E-03	5.3E-08	

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Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			8.4E-07	1.0E-07	
Aldehydes					
Acetaldehyde			1.4E-06	1.8E-07	
Formaldehyde			6.2E-07	7.7E-08	
Propionaldehyde		2.2E-15	1.6E-07	2.0E-08	1.7E-14
CO					
Carbon monoxide			4.5E-05	5.6E-06	
CO2					
Carbon dioxide			1.4E-06	1.8E-07	
Criteria					
Sulfur Dioxide			3.8E-07	4.7E-08	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	1.4E-15	5.5E-15	8.5E-13	1.1E-13	2.7E-19
1,2,3,4,6,7,8-HpCDF	1.4E-15	5.5E-15	8.6E-13	1.1E-13	2.7E-19
1,2,3,4,7,8,9-HpCDF	1.6E-16	6.4E-16	1.1E-13	1.4E-14	3.1E-20
1,2,3,4,7,8-HxCDD	1.6E-16	6.2E-16	1.0E-13	1.3E-14	3.1E-20
1,2,3,4,7,8-HxCDF	1.3E-15	4.9E-15	8.3E-13	1.0E-13	2.4E-19
1,2,3,6,7,8-HxCDD	3.2E-16	1.3E-15	2.1E-13	2.7E-14	6.2E-20
1,2,3,6,7,8-HxCDF	4.1E-16	1.6E-15	2.7E-13	3.4E-14	7.9E-20
1,2,3,7,8,9-HxCDD	5.1E-16	2.0E-15	3.2E-13	4.1E-14	9.8E-20
1,2,3,7,8,9-HxCDF	2.9E-17	1.2E-16	2.1E-14	2.6E-15	5.7E-21

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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	1.8E-16	7.0E-16	1.3E-13	1.6E-14	3.5E-20
1,2,3,7,8-PeCDF	2.1E-16	8.3E-16	1.8E-13	2.3E-14	4.0E-20
2,3,4,6,7,8-HxCDF	6.4E-16	2.5E-15	4.2E-13	5.2E-14	1.2E-19
2,3,4,7,8-PeCDF	5.0E-16	2.0E-15	4.1E-13	5.2E-14	9.7E-20
2,3,7,8-TCDD	3.6E-17	1.4E-16	5.2E-14	6.5E-15	4.9E-18
2,3,7,8-TCDF	6.6E-17	2.6E-16	1.9E-13	2.4E-14	1.3E-20
OCDD	9.4E-16	3.7E-15	5.6E-13	7.0E-14	1.8E-19
OCDF	3.6E-16	1.4E-15	2.1E-13	2.6E-14	7.0E-20
HCN					
Hydrogen cyanide			1.6E-07	2.0E-08	
Metals					
Aluminum		1.1E-02			5.3E-07
Antimony		2.6E-07	1.0E-08	1.3E-09	1.3E-11
Arsenic	6.0E-07	1.4E-06	5.9E-10	7.4E-11	1.2E-10
Barium		3.1E-09	1.3E-07	1.6E-08	1.5E-13
Beryllium		1.0E-15	4.3E-11	5.4E-12	5.1E-20
Cadmium		8.2E-16	7.6E-10	9.5E-11	4.0E-20
Chromium		8.3E-11	6.5E-09	8.1E-10	4.1E-15
Cobalt		3.1E-05	9.8E-09	1.2E-09	1.5E-09
Copper		3.4E-10	1.8E-08	2.2E-09	1.6E-14
Iron		2.5E-02			1.2E-06
Lead		9.0E-05	6.0E-09	7.5E-10	4.4E-09

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Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		8.0E-13	5.5E-09	6.8E-10	3.9E-17
Mercury (+2)		3.4E-14	2.4E-11	2.9E-12	1.7E-18
Mercury, elemental		9.8E-07	9.8E-14	1.2E-14	1.9E-06
Methyl Mercury		2.0E-15			1.0E-19
Nickel		5.8E-04	3.5E-09	4.3E-10	2.9E-08
Phosphorus		7.5E-15	2.6E-08	3.3E-09	7.2E-14
Selenium		4.0E-17	1.7E-10	2.2E-11	2.0E-21
Silver		8.4E-13	1.1E-10	1.4E-11	4.1E-17
Thallium (Soluble Salts)		2.7E-07			1.3E-11
Titanium		8.0E-15	6.1E-11	7.6E-12	3.9E-19
Zinc		1.8E-13	1.4E-07	1.7E-08	9.0E-18
NOx					
NOx (Oxides of Nitrogen)			1.6E-06	2.0E-07	
PAHs					
1-Methylnaphthalene	2.4E-16	2.2E-16	3.3E-08	4.1E-09	2.5E-16
1-Methylphenanthrene		1.5E-13	3.9E-09	4.9E-10	7.1E-18
2,3,5-Trimethylnaphthalene		6.8E-14	1.9E-09	2.4E-10	3.3E-18
2,6-Dimethylnaphthalene		1.9E-13	5.1E-09	6.4E-10	9.1E-18
2-Methylnaphthalene	2.3E-16	2.1E-16	3.2E-08	4.0E-09	2.4E-16
Acenaphthylene		6.0E-13	1.9E-08	2.4E-09	2.9E-17
Acenaphthene			3.5E-09	4.3E-10	
Anthracene			6.1E-09	7.6E-10	

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Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)anthracene	9.0E-08	8.1E-08	3.0E-09	3.7E-10	1.2E-09
Benzo(a)pyrene	8.5E-08	7.7E-08	1.2E-09	1.5E-10	3.8E-12
Benzo(b)fluoranthene	1.3E-07	1.2E-07	1.3E-09	1.6E-10	5.9E-12
Benzo(e)pyrene		3.4E-14	1.0E-09	1.3E-10	1.7E-18
Benzo(g,h,i)perylene		2.5E-14	7.7E-10	9.6E-11	1.2E-18
Benzo(k)fluoranthene	7.1E-08	6.4E-08	1.2E-11	1.5E-12	3.1E-12
Biphenyl		3.3E-15	1.1E-07	1.4E-08	2.0E-15
Chrysene	1.1E-07	1.0E-07	5.1E-09	6.4E-10	5.0E-12
Dibenzo(a,h)anthracene	2.0E-08	1.8E-08	1.9E-10	2.3E-11	8.8E-13
Fluoranthene	6.7E-14	6.1E-14	7.5E-09	9.4E-10	3.0E-18
Fluorene			1.9E-08	2.3E-09	
Indeno(1,2,3-cd)pyrene	5.7E-08	5.1E-08	6.2E-10	7.7E-11	2.5E-12
Napthalene			1.5E-07	1.9E-08	
Perylene		1.3E-14	4.6E-10	5.8E-11	6.5E-19
Phenanthrene			3.5E-08	4.4E-09	
Pyrene	2.5E-13	2.3E-13	7.3E-09	9.1E-10	6.4E-15
Particulate					
Particulate Total Suspended Particulate		3.0E-09	2.3E-05	2.9E-06	1.5E-13
PM<10		3.8E-09	3.1E-05	3.9E-06	1.9E-13
PM<2.5		3.2E-09	2.6E-05	3.3E-06	1.6E-13
PCBs					
Dichlorobiphenyl	6.5E-16	5.5E-16	9.3E-11	1.2E-11	5.1E-17

Table H-158 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Heptachlorobiphenyl	7.5E-17	6.3E-17	1.3E-12	1.6E-13	3.2E-18
Hexachlorobiphenyl	3.4E-16	2.9E-16	5.3E-12	6.7E-13	1.5E-17
Monochlorobiphenyl	4.5E-15	3.8E-15	6.5E-10	8.1E-11	3.5E-16
Nonachlorobiphenyl	1.3E-17	1.1E-17	1.8E-13	2.2E-14	5.7E-19
Octachlorobiphenyl	2.4E-17	2.0E-17	3.9E-13	4.9E-14	1.0E-18
Pentachlorobiphenyl	1.2E-15	1.0E-15	1.8E-11	2.3E-12	5.2E-17
Tetrachlorobiphenyl	2.5E-16	2.1E-16	3.0E-11	3.8E-12	2.0E-17
Trichlorobiphenyl	3.0E-16	2.5E-16	3.8E-11	4.8E-12	2.3E-17
Pesticides					
DDE		9.0E-08			2.9E-09
Dieldrin	4.7E-10	5.6E-10			2.7E-14
SVOCs					
1,2,4-trichlorobenzene			2.7E-10	3.4E-11	
1,2-dichlorobenzene			1.1E-10	1.4E-11	
1,3-dichlorobenzene			1.6E-10	2.0E-11	
1,4-dichlorobenzene			1.5E-09	1.9E-10	
1,4-Dioxane			1.3E-04		
2,4-Dimethylphenol			2.4E-08	3.0E-09	
2-Chlorophenol			4.7E-09	5.9E-10	
2-Methylphenol			5.6E-08	7.0E-09	
2-Nitrophenol			7.6E-09	9.4E-10	
3-Methylphenol & 4-Methylphenol		3.7E-12	1.0E-07	1.3E-08	1.8E-16

Table H-158 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
4-Nitrophenol			1.3E-08	1.6E-09	
Acetophenone			1.2E-07	1.5E-08	
Benzoic acid			5.4E-07	6.7E-08	
Benzyl alcohol			4.5E-09	5.6E-10	
bis(2-Ethylhexyl) phthalate	6.7E-12	8.0E-12	1.9E-07	2.4E-08	3.9E-16
Butyl benzyl phthalate	3.3E-15	3.8E-15	6.0E-09	7.5E-10	1.9E-19
Carbazole		1.4E-14	1.7E-10	2.1E-11	6.9E-19
Dibenzofuran	1.4E-16	5.7E-16	9.5E-09	1.2E-09	2.4E-16
Dimethyl phthalate			3.3E-10	4.2E-11	
Di-n-butyl phthalate	3.3E-15	3.9E-15	9.2E-09	1.1E-09	1.9E-19
Di-n-octyl phthalate	9.4E-15	1.1E-14	6.4E-10	8.0E-11	5.5E-19
Hexachlorobutadiene			4.4E-08	5.5E-09	
Isopropanol			2.0E-03		
Phenol			3.0E-07	3.8E-08	
Pyridine			2.9E-08	3.6E-09	
TRS					
Total Reduced Sulfur			2.9E-07	3.6E-08	
VOCs					
1,1,1,2-Tetrachloroethane			1.3E-10	1.7E-11	
1,1,1-Trichloroethane			1.3E-10	1.7E-11	
1,1-Dichloroethene			2.6E-11	3.2E-12	
1,2,3-Trichlorobenzene			5.3E-10	6.7E-11	

Table H-158 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3-Trichloropropane			1.1E-10	1.4E-11	
1,2,4-Trimethylbenzene			6.2E-09	7.8E-10	
1,2-Dibromoethane			6.9E-11	8.6E-12	
1,2-Dichloroethane			2.8E-09	1.0E-06	
1,3,5-Trimethylbenzene			5.9E-09	7.3E-10	
1,3-Dichloropropane			6.7E-11	8.4E-12	
2-Butanone			3.3E-08	4.1E-09	
2-Chlorotoluene			1.5E-09	1.8E-10	
2-Hexanone			6.8E-09	8.4E-10	
Benzene			6.4E-05	9.7E-06	
Bromobenzene			3.7E-08	4.7E-09	
Bromochloromethane			8.8E-11	1.1E-11	
Bromodichloromethane			9.5E-11	1.2E-11	
Bromomethane			3.8E-09	4.8E-10	
Carbon disulfide			3.3E-09	4.2E-10	
Carbon tetrachloride			1.3E-04	1.5E-05	
Chlorobenzene			4.8E-09	6.0E-10	
Chlorodibromomethane			2.4E-09	3.0E-10	
Chloroethane			9.1E-09	1.1E-09	
Chloroform			4.3E-05	2.4E-06	
Chloromethane			3.1E-08	3.9E-09	
cis-1,2-Dichloroethene			4.0E-09	5.0E-10	

Table H-158 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
cis-1,3-Dichloropropene			2.4E-11	3.0E-12	
Dibromomethane			2.0E-10	2.5E-11	
Dichlorodifluoromethane			2.5E-10	3.1E-11	
Ethylbenzene			3.7E-05	2.4E-08	
Isopropylbenzene			1.6E-08	2.0E-09	
m&p-Xylene			3.6E-08	4.6E-09	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.6E-10	4.5E-11	
Methylene chloride			1.8E-08	2.3E-09	
n-Butylbenzene			7.8E-09	9.7E-10	
n-Propylbenzene			9.4E-09	1.2E-09	
o-Xylene			2.3E-08	2.9E-09	
p-Chlorotoluene			5.5E-10	6.9E-11	
p-Isopropyltoluene			3.8E-09	4.8E-10	
sec-Butylbenzene			1.4E-09	1.8E-10	
Styrene			5.1E-07	6.4E-08	
tert-Butylbenzene			4.6E-08	5.7E-09	
Tetrachloroethene			1.2E-10	1.5E-11	
Toluene			3.2E-07	3.9E-08	
trans-1,2-Dichloroethene			8.4E-08	1.1E-08	
trans-1,3-Dichloropropene			4.2E-11	5.3E-12	
Trichloroethene			1.0E-05	9.1E-13	
Trichlorofluoromethane			8.7E-11	1.1E-11	

Table H-158 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Vinyl chloride			1.4E-05	6.2E-10	

Table H-159 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						7.2E-05	1.7E-04	9.0E-06	9.0E-06		
Aldehydes											
Acetaldehyde	7.9E-15					1.2E-04	2.9E-04	1.6E-05	1.6E-05		
Formaldehyde	3.9E-14					5.3E-05	1.2E-04	6.6E-06	6.6E-06		
Propionaldehyde				1.9E-16	5.4E-16	1.4E-05	3.1E-05	1.7E-06	1.7E-06	1.4E-12	8.9E-12
CO											
Carbon monoxide						3.8E-03	8.8E-03	4.8E-04	4.8E-04		
CO2											
Carbon dioxide						1.2E-04	2.8E-04	1.5E-05	1.5E-05		
Criteria											
Sulfur Dioxide						3.2E-05	7.5E-05	4.1E-06	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	7.8E-20	6.4E-17	9.0E-17	2.5E-16	7.1E-16	7.3E-11	1.7E-10	9.1E-12	9.1E-12	1.2E-17	7.7E-17
1,2,3,4,6,7,8-HpCDF	7.6E-20	6.5E-17	9.1E-17	2.6E-16	7.2E-16	7.3E-11	1.7E-10	9.2E-12	9.2E-12	1.3E-17	7.8E-17
1,2,3,4,7,8,9-HpCDF	1.2E-20	7.5E-18	1.0E-17	2.9E-17	8.2E-17	9.3E-12	2.1E-11	1.2E-12	1.2E-12	1.4E-18	8.9E-18
1,2,3,4,7,8-HxCDD	9.4E-20	7.3E-18	1.0E-17	2.9E-17	8.1E-17	8.7E-12	2.0E-11	1.1E-12	1.1E-12	1.4E-18	8.7E-18
1,2,3,4,7,8-HxCDF	6.5E-19	5.8E-17	8.1E-17	2.3E-16	6.4E-16	7.1E-11	1.6E-10	8.9E-12	8.9E-12	1.1E-17	6.9E-17
1,2,3,6,7,8-HxCDD	1.8E-19	1.5E-17	2.1E-17	5.9E-17	1.6E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	2.9E-18	1.8E-17
1,2,3,6,7,8-HxCDF	2.4E-19	1.9E-17	2.7E-17	7.5E-17	2.1E-16	2.3E-11	5.3E-11	2.9E-12	2.9E-12	3.7E-18	2.3E-17
1,2,3,7,8,9-HxCDD	2.6E-19	2.4E-17	3.3E-17	9.3E-17	2.6E-16	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.5E-18	2.8E-17
1,2,3,7,8,9-HxCDF	2.1E-20	1.4E-18	1.9E-18	5.4E-18	1.5E-17	1.8E-12	4.1E-12	2.2E-13	2.2E-13	2.6E-19	1.6E-18
1,2,3,7,8-PeCDD	5.9E-19	8.3E-18	1.2E-17	3.3E-17	9.1E-17	1.1E-11	2.6E-11	1.4E-12	1.4E-12	1.6E-18	9.9E-18
1,2,3,7,8-PeCDF	8.2E-19	9.7E-18	1.4E-17	3.8E-17	1.1E-16	1.6E-11	3.6E-11	2.0E-12	2.0E-12	1.9E-18	1.2E-17

Table H-159 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	3.5E-19	3.0E-17	4.2E-17	1.2E-16	3.3E-16	3.6E-11	8.2E-11	4.5E-12	4.5E-12	5.7E-18	3.5E-17
2,3,4,7,8-PeCDF	1.3E-18	2.3E-17	3.2E-17	9.2E-17	2.6E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	4.5E-18	2.8E-17
2,3,7,8-TCDD	2.1E-19	1.7E-18	2.4E-18	6.7E-18	1.9E-17	4.4E-12	1.0E-11	5.6E-13	5.6E-13	2.3E-16	1.4E-15
2,3,7,8-TCDF	6.8E-19	3.1E-18	4.3E-18	1.2E-17	3.4E-17	1.6E-11	3.8E-11	2.0E-12	2.0E-12	6.0E-19	3.7E-18
OCDD	1.0E-21	4.4E-17	6.1E-17	1.7E-16	4.8E-16	4.8E-11	1.1E-10	6.0E-12	6.0E-12	8.4E-18	5.2E-17
OCDF	3.9E-22	1.7E-17	2.3E-17	6.6E-17	1.9E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	3.2E-18	2.0E-17
HCN											
Hydrogen cyanide						1.4E-05	3.1E-05	1.7E-06	1.7E-06		
Metals											
Aluminum				9.3E-04	1.7E-03					4.5E-05	1.8E-04
Antimony	1.3E-18			2.2E-08	1.2E-07	8.9E-07	2.1E-06	1.1E-07	1.1E-07	1.1E-09	1.3E-08
Arsenic	7.0E-17	5.1E-08	2.0E-08	1.2E-07	9.3E-08	5.1E-08	1.2E-07	6.4E-09	6.4E-09	9.9E-09	1.7E-08
Barium	1.6E-13			1.5E-10	4.3E-10	1.1E-05	2.5E-05	1.3E-06	1.3E-06	7.5E-12	4.6E-11
Beryllium	2.8E-18			9.0E-17	2.5E-16	3.7E-09	8.5E-09	4.6E-10	4.6E-10	4.4E-18	2.7E-17
Cadmium	7.2E-16			7.0E-17	2.0E-16	6.5E-08	1.5E-07	8.1E-09	8.1E-09	3.4E-18	2.1E-17
Chromium	1.9E-16			4.6E-12	1.3E-11	5.5E-07	1.3E-06	6.9E-08	6.9E-08	2.2E-13	1.4E-12
Cobalt				2.7E-06	3.2E-06	8.4E-07	1.9E-06	1.1E-07	1.1E-07	1.3E-07	3.4E-07
Copper				1.7E-11	4.7E-11	1.5E-06	3.5E-06	1.9E-07	1.9E-07	8.2E-13	5.0E-12
Iron				2.2E-03	3.2E-03					1.1E-04	3.5E-04
Lead	5.9E-19			7.7E-06	2.0E-05	5.1E-07	1.2E-06	6.4E-08	6.4E-08	3.8E-07	2.1E-06
Manganese				6.8E-14	1.9E-13	4.7E-07	1.1E-06	5.8E-08	5.8E-08	3.3E-15	2.1E-14
Mercury (+2)				1.5E-15	4.1E-15	2.0E-09	4.7E-09	2.5E-10	2.5E-10	7.2E-17	4.4E-16
Mercury, elemental				8.4E-08	3.8E-09	8.4E-12	1.9E-11	1.1E-12	1.1E-12	1.6E-04	1.0E-03
Methyl Mercury	5.6E-16			8.7E-17	2.4E-16					4.3E-18	2.6E-17

Table H-159 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	2.8E-16			5.0E-05	6.1E-05	3.0E-07	6.9E-07	3.7E-08	3.7E-08	2.5E-06	6.6E-06
Phosphorus				6.4E-16	1.8E-15	2.3E-06	5.2E-06	2.8E-07	2.8E-07	6.2E-12	3.8E-11
Selenium	2.4E-17			3.5E-18	9.7E-18	1.5E-08	3.5E-08	1.9E-09	1.9E-09	1.7E-19	1.0E-18
Silver	1.6E-17			5.6E-14	1.6E-13	9.8E-09	2.3E-08	1.2E-09	1.2E-09	2.7E-15	1.7E-14
Thallium (Soluble Salts)				2.3E-08	1.4E-08					1.1E-09	1.6E-09
Titanium				6.9E-16	1.9E-15	5.2E-09	1.2E-08	6.5E-10	6.5E-10	3.4E-17	2.1E-16
Zinc	3.5E-13			1.6E-14	4.4E-14	1.2E-05	2.7E-05	1.5E-06	1.5E-06	7.7E-16	4.8E-15
NOx											
NOx (Oxides of Nitrogen)						1.3E-04	3.1E-04	1.7E-05	1.7E-05		
PAHs											
1-Methylnaphthalene		2.0E-17	2.9E-17	1.9E-17	5.2E-17	2.8E-06	6.5E-06	3.5E-07	3.5E-07	2.1E-14	1.3E-13
1-Methylphenanthrene				1.2E-14	3.5E-14	3.4E-07	7.8E-07	4.2E-08	4.2E-08	6.1E-16	3.7E-15
2,3,5-Trimethylnaphthalene				5.8E-15	1.6E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	2.8E-16	1.8E-15
2,6-Dimethylnaphthalene				1.6E-14	4.4E-14	4.4E-07	1.0E-06	5.5E-08	5.5E-08	7.8E-16	4.8E-15
2-Methylnaphthalene		2.0E-17	2.8E-17	1.8E-17	5.0E-17	2.7E-06	6.3E-06	3.4E-07	3.4E-07	2.1E-14	1.3E-13
Acenaphthylene				5.1E-14	1.4E-13	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.5E-15	1.5E-14
Acenaphthene	2.9E-16					3.0E-07	6.8E-07	3.7E-08	3.7E-08		
Anthracene	3.7E-15					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Benzo(a)anthracene	5.3E-13	7.7E-09	4.4E-08	7.0E-09	7.9E-08	2.6E-07	5.9E-07	3.2E-08	3.2E-08	1.1E-07	6.5E-07
Benzo(a)pyrene	2.6E-13	7.2E-09	4.8E-08	6.6E-09	8.8E-08	1.0E-07	2.3E-07	1.3E-08	1.3E-08	3.2E-10	9.5E-09
Benzo(b)fluoranthene	7.1E-14	1.1E-08	6.8E-08	1.0E-08	1.2E-07	1.1E-07	2.6E-07	1.4E-08	1.4E-08	5.0E-10	1.3E-08
Benzo(e)pyrene				2.9E-15	8.2E-15	8.6E-08	2.0E-07	1.1E-08	1.1E-08	1.4E-16	8.8E-16
Benzo(g,h,i)perylene				2.1E-15	6.0E-15	6.6E-08	1.5E-07	8.2E-09	8.2E-09	1.1E-16	6.5E-16
Benzo(k)fluoranthene	5.3E-16	6.1E-09	3.4E-08	5.5E-09	6.2E-08	1.0E-09	2.3E-09	1.2E-10	1.2E-10	2.7E-10	6.7E-09

Table H-159 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				2.9E-16	8.0E-16	9.5E-06	2.2E-05	1.2E-06	1.2E-06	1.7E-13	1.0E-12
Chrysene	9.0E-14	9.7E-09	4.9E-08	8.8E-09	8.9E-08	4.4E-07	1.0E-06	5.5E-08	5.5E-08	4.3E-10	9.6E-09
Dibenze(a,h)anthracene	1.3E-14	1.7E-09	1.2E-08	1.5E-09	2.2E-08	1.6E-08	3.7E-08	2.0E-09	2.0E-09	7.6E-11	2.3E-09
Fluoranthene	2.4E-14	5.2E-15	7.2E-15	4.7E-15	1.3E-14	6.4E-07	1.5E-06	8.0E-08	8.0E-08	2.3E-16	1.4E-15
Fluorene	5.2E-15					1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Indeno(1,2,3-cd)pyrene	3.2E-14	4.8E-09	3.1E-08	4.4E-09	5.7E-08	5.3E-08	1.2E-07	6.6E-09	6.6E-09	2.2E-10	6.1E-09
Napthalene	2.4E-15					1.3E-05	2.9E-05	1.6E-06	1.6E-06		
Perylene				1.1E-15	3.2E-15	4.0E-08	9.1E-08	4.9E-09	4.9E-09	5.5E-17	3.4E-16
Phenanthrene	2.5E-14					3.0E-06	6.9E-06	3.8E-07	3.8E-07		
Pyrene	1.7E-14	1.4E-14	2.0E-14	1.3E-14	3.6E-14	6.3E-07	1.4E-06	7.8E-08	7.8E-08	3.6E-13	2.2E-12
Particulate											
Particulate Total Suspended Particulate				2.6E-10	7.2E-10	2.0E-03	4.6E-03	2.5E-04	2.5E-04	1.3E-11	7.7E-11
PM<10				3.3E-10	9.2E-10	2.6E-03	6.1E-03	3.3E-04	3.3E-04	1.6E-11	9.9E-11
PM<2.5				2.7E-10	7.6E-10	2.3E-03	5.2E-03	2.8E-04	2.8E-04	1.3E-11	8.2E-11
PCBs											
Dichlorobiphenyl	5.2E-16	3.0E-17	4.2E-17	2.6E-17	7.2E-17	8.0E-09	1.8E-08	9.9E-10	9.9E-10	2.4E-15	1.5E-14
Heptachlorobiphenyl	2.0E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	1.1E-10	2.5E-10	1.4E-11	1.4E-11	1.5E-16	9.2E-16
Hexachlorobiphenyl	7.9E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	4.6E-10	1.1E-09	5.7E-11	5.7E-11	6.7E-16	4.1E-15
Monochlorobiphenyl	3.6E-15	2.1E-16	2.9E-16	1.8E-16	5.0E-16	5.5E-08	1.3E-07	6.9E-09	6.9E-09	1.7E-14	1.0E-13
Nonachlorobiphenyl	2.4E-18	6.1E-19	8.6E-19	5.2E-19	1.4E-18	1.5E-11	3.6E-11	1.9E-12	1.9E-12	2.6E-17	1.6E-16
Octachlorobiphenyl	5.8E-18	1.1E-18	1.6E-18	9.5E-19	2.7E-18	3.3E-11	7.7E-11	4.2E-12	4.2E-12	4.8E-17	3.0E-16
Pentachlorobiphenyl	2.6E-16	5.6E-17	7.9E-17	4.8E-17	1.3E-16	1.6E-09	3.6E-09	2.0E-10	2.0E-10	2.4E-15	1.5E-14
Tetrachlorobiphenyl	1.5E-16	1.2E-17	1.6E-17	9.8E-18	2.7E-17	2.6E-09	6.0E-09	3.2E-10	3.2E-10	9.1E-16	5.6E-15
Trichlorobiphenyl	2.0E-16	1.4E-17	1.9E-17	1.2E-17	3.3E-17	3.3E-09	7.6E-09	4.1E-10	4.1E-10	1.1E-15	6.8E-15

Table H-159 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				7.7E-09	1.9E-08					2.4E-07	1.5E-06
Dieldrin		4.0E-11	8.5E-10	4.8E-11	2.0E-09					2.3E-12	2.2E-10
SVOCs											
1,2,4-trichlorobenzene						2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2-dichlorobenzene	2.4E-19					9.3E-09	2.2E-08	1.2E-09	1.2E-09		
1,3-dichlorobenzene	5.9E-19					1.4E-08	3.2E-08	1.7E-09	1.7E-09		
1,4-dichlorobenzene	7.9E-18					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
1,4-Dioxane						1.1E-02					
2,4-Dimethylphenol	2.2E-16					2.0E-06	4.7E-06	2.5E-07	2.5E-07		
2-Chlorophenol	1.1E-17					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
2-Methylphenol	4.5E-15					4.8E-06	1.1E-05	6.0E-07	6.0E-07		
2-Nitrophenol	2.7E-17					6.5E-07	1.5E-06	8.1E-08	8.1E-08		
3-Methylphenol & 4-Methylphenol				3.2E-13	8.8E-13	8.6E-06	2.0E-05	1.1E-06	1.1E-06	1.5E-14	9.5E-14
4-Nitrophenol	5.6E-17					1.1E-06	2.5E-06	1.3E-07	1.3E-07		
Acetophenone	3.4E-16					1.0E-05	2.3E-05	1.3E-06	1.3E-06		
Benzoic acid	1.4E-15					4.6E-05	1.1E-04	5.8E-06	5.8E-06		
Benzyl alcohol	8.4E-19					3.9E-07	8.9E-07	4.8E-08	4.8E-08		
bis(2-Ethylhexyl) phthalate	4.2E-14	5.7E-13	8.0E-13	6.8E-13	1.9E-12	1.6E-05	3.8E-05	2.0E-06	2.0E-06	3.3E-14	2.0E-13
Butyl benzyl phthalate	1.5E-14	2.8E-16	3.9E-16	3.3E-16	9.2E-16	5.1E-07	1.2E-06	6.4E-08	6.4E-08	1.6E-17	9.9E-17
Carbazole				1.2E-15	3.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	5.9E-17	3.6E-16
Dibenzofuran		1.2E-17	1.7E-17	4.8E-17	1.4E-16	8.2E-07	1.9E-06	1.0E-07	1.0E-07	2.1E-14	1.3E-13
Dimethyl phthalate	5.5E-18					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
Di-n-butyl phthalate	1.4E-13	2.8E-16	3.9E-16	3.3E-16	9.2E-16	7.9E-07	1.8E-06	9.8E-08	9.8E-08	1.6E-17	9.9E-17

Table H-159 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.1E-18	8.0E-16	1.1E-15	9.5E-16	2.7E-15	5.5E-08	1.3E-07	6.9E-09	6.9E-09	4.7E-17	2.9E-16
Hexachlorobutadiene	5.8E-16					3.8E-06	8.8E-06	4.8E-07	4.8E-07		
Isopropanol						1.7E-01	1.9E-01				
p-Chloroaniline			2.8E-08		6.6E-08						7.2E-09
Phenol	1.3E-14					2.6E-05	6.0E-05	3.2E-06	3.2E-06		
Pyridine	6.6E-16					2.4E-06	5.7E-06	3.1E-07	3.1E-07		
TRS											
Total Reduced Sulfur						2.5E-05	5.8E-05	3.1E-06	3.1E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.3E-19					1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,1,1-Trichloroethane	1.5E-20					1.1E-08	2.6E-08	1.4E-09	1.4E-09		
1,1-Dichloroethene	5.1E-22					2.2E-09	5.1E-09	2.8E-10	2.8E-10		
1,2,3-Trichlorobenzene	1.6E-17					4.6E-08	1.1E-07	5.7E-09	5.7E-09		
1,2,3-Trichloropropane	9.3E-20					9.3E-09	2.1E-08	1.2E-09	1.2E-09		
1,2,4-Trimethylbenzene						5.3E-07	1.2E-06	6.7E-08	6.7E-08		
1,2-Dibromoethane	3.2E-20					5.9E-09	1.4E-08	7.4E-10	7.4E-10		
1,2-Dichloroethane	1.0E-18					2.4E-07	3.8E-03	8.6E-05	8.6E-05		
1,3,5-Trimethylbenzene	5.2E-18					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
1,3-Dichloropropane						5.7E-09	1.3E-08	7.2E-10	7.2E-10		
2-Butanone	2.1E-16					2.8E-06	6.5E-06	3.5E-07	3.5E-07		
2-Chlorotoluene						1.3E-07	2.9E-07	1.6E-08	1.6E-08		
2-Hexanone						5.8E-07	1.3E-06	7.2E-08	7.2E-08		
Benzene	1.7E-16					5.5E-03	2.3E-02	8.3E-04	8.3E-04		
Bromobenzene						3.2E-06	7.4E-06	4.0E-07	4.0E-07		

Table H-159 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromochloromethane						7.6E-09	1.7E-08	9.4E-10	9.4E-10		
Bromodichloromethane	2.7E-20					8.2E-09	2.9E-02	1.0E-09	1.0E-09		
Bromoform							1.3E-01				
Bromomethane	1.1E-19					3.3E-07	7.5E-07	4.1E-08	4.1E-08		
Carbon disulfide	1.1E-19					2.9E-07	6.6E-07	3.6E-08	3.6E-08		
Carbon tetrachloride	1.2E-20					1.1E-02	3.3E-02	1.3E-03	1.3E-03		
Chlorobenzene	4.0E-18					4.1E-07	9.5E-07	5.2E-08	5.2E-08		
Chlorodibromomethane	1.6E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
Chloroethane	3.2E-19					7.8E-07	1.8E-06	9.8E-08	9.8E-08		
Chloroform	2.4E-19					3.7E-03	6.8E-02	2.1E-04	2.1E-04		
Chloromethane	8.4E-19					2.7E-06	6.1E-06	3.3E-07	3.3E-07		
cis-1,2-Dichloroethene	3.3E-19					3.4E-07	7.9E-07	4.3E-08	4.3E-08		
cis-1,3-Dichloropropene						2.1E-09	4.8E-09	2.6E-10	2.6E-10		
Dibromomethane	3.6E-20					1.7E-08	4.0E-08	2.2E-09	2.2E-09		
Dichlorodifluoromethane	4.0E-22					2.1E-08	4.9E-08	2.7E-09	2.7E-09		
Ethylbenzene	1.3E-16					3.1E-03	1.9E-02	2.1E-06	2.1E-06		
Isopropylbenzene	1.7E-19					1.4E-06	3.1E-06	1.7E-07	1.7E-07		
m&p-Xylene	2.0E-17					3.1E-06	7.2E-06	3.9E-07	3.9E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.1E-19					3.1E-08	7.1E-08	3.8E-09	3.8E-09		
Methylene chloride	2.2E-18					1.5E-06	3.6E-06	1.9E-07	1.9E-07		
n-Butylbenzene						6.7E-07	1.5E-06	8.3E-08	8.3E-08		
n-Propylbenzene						8.0E-07	1.9E-06	1.0E-07	1.0E-07		
o-Xylene	2.4E-17					2.0E-06	4.5E-06	2.5E-07	2.5E-07		
p-Chlorotoluene						4.8E-08	1.1E-07	5.9E-09	5.9E-09		

Table H-159 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
p-Isopropyltoluene						3.3E-07	7.6E-07	4.1E-08	4.1E-08		
sec-Butylbenzene						1.2E-07	2.8E-07	1.5E-08	1.5E-08		
Styrene	8.0E-16					4.4E-05	1.0E-04	5.5E-06	5.5E-06		
tert-Butylbenzene						3.9E-06	9.0E-06	4.9E-07	4.9E-07		
Tetrachloroethene	5.7E-20					1.0E-08	2.4E-08	1.3E-09	1.3E-09		
Toluene	1.3E-16					2.7E-05	6.2E-05	3.4E-06	3.4E-06		
trans-1,2-Dichloroethene	5.0E-18					7.2E-06	1.7E-05	9.1E-07	9.1E-07		
trans-1,3-Dichloropropene						3.6E-09	8.4E-09	4.5E-10	4.5E-10		
Trichloroethene	5.8E-22					8.6E-04	3.8E-02	7.8E-11	7.8E-11		
Trichlorofluoromethane	9.0E-22					7.5E-09	1.7E-08	9.4E-10	9.4E-10		
Vinyl chloride	4.1E-20					1.2E-03	9.8E-07	5.3E-08	5.3E-08		

Table H-160 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					6.2E-07	1.4E-06	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19

Table H-160 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.1E-02	2.0E-02					5.3E-07	2.1E-06
Antimony	1.6E-17			2.6E-07	1.4E-06	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.3E-11	1.5E-10
Arsenic	8.1E-16	6.0E-07	2.3E-07	1.4E-06	1.1E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	1.2E-10	2.0E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				3.1E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.5E-09	4.0E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				2.5E-02	3.7E-02					1.2E-06	4.0E-06
Lead	6.9E-18			9.0E-05	2.3E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	4.4E-09	2.5E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				9.8E-07	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	1.9E-06	1.2E-05
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19

Table H-160 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.8E-04	7.1E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.9E-08	7.7E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Thallium (Soluble Salts)				2.7E-07	1.7E-07					1.3E-11	1.8E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	9.0E-08	5.1E-07	8.1E-08	9.3E-07	3.0E-09	6.9E-09	3.7E-10	3.7E-10	1.2E-09	7.6E-09
Benzo(a)pyrene	3.1E-12	8.5E-08	5.6E-07	7.7E-08	1.0E-06	1.2E-09	2.7E-09	1.5E-10	1.5E-10	3.8E-12	1.1E-10
Benzo(b)fluoranthene	8.3E-13	1.3E-07	7.9E-07	1.2E-07	1.4E-06	1.3E-09	3.0E-09	1.6E-10	1.6E-10	5.9E-12	1.5E-10
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	7.1E-08	4.0E-07	6.4E-08	7.2E-07	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.1E-12	7.8E-11

Table H-160 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	1.1E-07	5.7E-07	1.0E-07	1.0E-06	5.1E-09	1.2E-08	6.4E-10	6.4E-10	5.0E-12	1.1E-10
Dibenze(a,h)anthracene	1.6E-13	2.0E-08	1.4E-07	1.8E-08	2.5E-07	1.9E-10	4.3E-10	2.3E-11	2.3E-11	8.8E-13	2.7E-11
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	5.7E-08	3.6E-07	5.1E-08	6.6E-07	6.2E-10	1.4E-09	7.7E-11	7.7E-11	2.5E-12	7.1E-11
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16

Table H-160 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				9.0E-08	2.2E-07					2.9E-09	1.8E-08
Dieldrin		4.7E-10	1.0E-08	5.6E-10	2.4E-08					2.7E-14	2.5E-12
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
1,4-Dioxane						1.3E-04					
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18

Table H-160 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						2.0E-03	2.3E-03				
p-Chloroaniline			3.3E-07		7.7E-07						8.4E-11
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	4.4E-05	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					6.4E-05	2.7E-04	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		

Table H-160 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	3.4E-04	1.2E-11	1.2E-11		
Bromoform							1.5E-03				
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.3E-04	3.9E-04	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					4.3E-05	7.9E-04	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					3.7E-05	2.2E-04	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		

Table H-160 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					1.0E-05	4.5E-04	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					1.4E-05	1.1E-08	6.2E-10	6.2E-10		

Table H-161 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						7.2E-05	1.7E-04	9.0E-06	9.0E-06		
Aldehydes											
Acetaldehyde	7.9E-15					1.2E-04	2.9E-04	1.6E-05	1.6E-05		
Formaldehyde	3.9E-14					5.3E-05	3.4E+00	6.6E-06	6.6E-06		
Propionaldehyde				1.9E-16	5.4E-16	1.4E-05	3.1E-05	1.7E-06	1.7E-06	1.4E-12	8.9E-12
CO											
Carbon monoxide						3.8E-03	8.8E-03	4.8E-04	4.8E-04		
CO2											
Carbon dioxide						1.2E-04	2.8E-04	1.5E-05	1.5E-05		
Criteria											
Sulfur Dioxide						3.2E-05	7.5E-05	4.1E-06	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	7.8E-20	6.4E-17	9.0E-17	2.5E-16	7.1E-16	7.3E-11	1.7E-10	9.1E-12	9.1E-12	1.2E-17	7.7E-17
1,2,3,4,6,7,8-HpCDF	7.6E-20	6.5E-17	9.1E-17	2.6E-16	7.2E-16	7.3E-11	1.7E-10	9.2E-12	9.2E-12	1.3E-17	7.8E-17
1,2,3,4,7,8,9-HpCDF	1.2E-20	7.5E-18	1.0E-17	2.9E-17	8.2E-17	9.3E-12	2.1E-11	1.2E-12	1.2E-12	1.4E-18	8.9E-18
1,2,3,4,7,8-HxCDD	9.4E-20	7.3E-18	1.0E-17	2.9E-17	8.1E-17	8.7E-12	2.0E-11	1.1E-12	1.1E-12	1.4E-18	8.7E-18
1,2,3,4,7,8-HxCDF	6.5E-19	5.8E-17	8.1E-17	2.3E-16	6.4E-16	7.1E-11	1.6E-10	8.9E-12	8.9E-12	1.1E-17	6.9E-17
1,2,3,6,7,8-HxCDD	1.8E-19	1.5E-17	2.1E-17	5.9E-17	1.6E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	2.9E-18	1.8E-17
1,2,3,6,7,8-HxCDF	2.4E-19	1.9E-17	2.7E-17	7.5E-17	2.1E-16	2.3E-11	5.3E-11	2.9E-12	2.9E-12	3.7E-18	2.3E-17
1,2,3,7,8,9-HxCDD	2.6E-19	2.4E-17	3.3E-17	9.3E-17	2.6E-16	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.5E-18	2.8E-17
1,2,3,7,8,9-HxCDF	2.1E-20	1.4E-18	1.9E-18	5.4E-18	1.5E-17	1.8E-12	4.1E-12	2.2E-13	2.2E-13	2.6E-19	1.6E-18
1,2,3,7,8-PeCDD	5.9E-19	8.3E-18	1.2E-17	3.3E-17	9.1E-17	1.1E-11	2.6E-11	1.4E-12	1.4E-12	1.6E-18	9.9E-18
1,2,3,7,8-PeCDF	8.2E-19	9.7E-18	1.4E-17	3.8E-17	1.1E-16	1.6E-11	3.6E-11	2.0E-12	2.0E-12	1.9E-18	1.2E-17

Table H-161 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	3.5E-19	3.0E-17	4.2E-17	1.2E-16	3.3E-16	3.6E-11	8.2E-11	4.5E-12	4.5E-12	5.7E-18	3.5E-17
2,3,4,7,8-PeCDF	1.3E-18	2.3E-17	3.2E-17	9.2E-17	2.6E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	4.5E-18	2.8E-17
2,3,7,8-TCDD	2.1E-19	1.7E-18	2.4E-18	6.7E-18	1.9E-17	4.4E-12	1.0E-11	5.6E-13	5.6E-13	2.3E-16	1.4E-15
2,3,7,8-TCDF	6.8E-19	3.1E-18	4.3E-18	1.2E-17	3.4E-17	1.6E-11	3.8E-11	2.0E-12	2.0E-12	6.0E-19	3.7E-18
OCDD	1.0E-21	4.4E-17	6.1E-17	1.7E-16	4.8E-16	4.8E-11	1.1E-10	6.0E-12	6.0E-12	8.4E-18	5.2E-17
OCDF	3.9E-22	1.7E-17	2.3E-17	6.6E-17	1.9E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	3.2E-18	2.0E-17
HCN											
Hydrogen cyanide						1.4E-05	3.1E-05	1.7E-06	1.7E-06		
Metals											
Aluminum				9.3E-04	2.0E-03					4.5E-05	2.2E-04
Antimony	1.3E-18			2.2E-08	4.1E-08	8.9E-07	2.1E-06	1.1E-07	1.1E-07	1.1E-09	4.4E-09
Arsenic	7.0E-17	5.1E-08	3.9E-08	1.2E-07	1.8E-07	5.1E-08	1.2E-07	6.4E-09	6.4E-09	9.9E-09	3.3E-08
Barium	1.6E-13			1.5E-10	4.3E-10	1.1E-05	2.5E-05	1.3E-06	1.3E-06	7.5E-12	4.6E-11
Beryllium	2.8E-18			9.0E-17	2.5E-16	3.7E-09	8.5E-09	4.6E-10	4.6E-10	4.4E-18	2.7E-17
Cadmium	7.2E-16			7.0E-17	2.0E-16	6.5E-08	1.5E-07	8.1E-09	8.1E-09	3.4E-18	2.1E-17
Chromium	1.9E-16			4.6E-12	1.3E-11	5.5E-07	1.3E-06	6.9E-08	6.9E-08	2.2E-13	1.4E-12
Cobalt				2.7E-06	3.2E-06	8.4E-07	1.9E-06	1.1E-07	1.1E-07	1.3E-07	3.4E-07
Copper				1.7E-11	4.7E-11	1.5E-06	3.5E-06	1.9E-07	1.9E-07	8.2E-13	5.0E-12
Iron				2.2E-03	3.4E-03					1.1E-04	3.7E-04
Lead	5.9E-19			7.7E-06	4.5E-06	5.1E-07	1.2E-06	6.4E-08	6.4E-08	3.8E-07	4.9E-07
Manganese				6.8E-14	1.9E-13	4.7E-07	1.1E-06	5.8E-08	5.8E-08	3.3E-15	2.1E-14
Mercury (+2)				1.5E-15	4.1E-15	2.0E-09	4.7E-09	2.5E-10	2.5E-10	7.2E-17	4.4E-16
Mercury, elemental				8.4E-08	2.3E-09	8.4E-12	1.9E-11	1.1E-12	1.1E-12	1.6E-04	1.0E-03
Methyl Mercury	5.6E-16			8.7E-17	2.4E-16					4.3E-18	2.6E-17

Table H-161 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	2.8E-16			5.0E-05	6.8E-05	3.0E-07	6.9E-07	3.7E-08	3.7E-08	2.5E-06	7.3E-06
Phosphorus				6.4E-16	1.8E-15	2.3E-06	5.2E-06	2.8E-07	2.8E-07	6.2E-12	3.8E-11
Selenium	2.4E-17			3.5E-18	9.7E-18	1.5E-08	3.5E-08	1.9E-09	1.9E-09	1.7E-19	1.0E-18
Silver	1.6E-17			5.6E-14	1.6E-13	9.8E-09	2.3E-08	1.2E-09	1.2E-09	2.7E-15	1.7E-14
Thallium (Soluble Salts)				2.3E-08	1.2E-08					1.1E-09	1.3E-09
Titanium				6.9E-16	1.9E-15	5.2E-09	1.2E-08	6.5E-10	6.5E-10	3.4E-17	2.1E-16
Zinc	3.5E-13			1.6E-14	4.4E-14	1.2E-05	2.7E-05	1.5E-06	1.5E-06	7.7E-16	4.8E-15
NOx											
NOx (Oxides of Nitrogen)						1.3E-04	3.1E-04	1.7E-05	1.7E-05		
PAHs											
1-Methylnaphthalene		2.0E-17	2.9E-17	1.9E-17	5.2E-17	2.8E-06	6.5E-06	3.5E-07	3.5E-07	2.1E-14	1.3E-13
1-Methylphenanthrene				1.2E-14	3.5E-14	3.4E-07	7.8E-07	4.2E-08	4.2E-08	6.1E-16	3.7E-15
2,3,5-Trimethylnaphthalene				5.8E-15	1.6E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	2.8E-16	1.8E-15
2,6-Dimethylnaphthalene				1.6E-14	4.4E-14	4.4E-07	1.0E-06	5.5E-08	5.5E-08	7.8E-16	4.8E-15
2-Methylnaphthalene		2.0E-17	2.8E-17	1.8E-17	5.0E-17	2.7E-06	6.3E-06	3.4E-07	3.4E-07	2.1E-14	1.3E-13
Acenaphthylene				5.1E-14	1.4E-13	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.5E-15	1.5E-14
Acenaphthene	2.9E-16					3.0E-07	6.8E-07	3.7E-08	3.7E-08		
Anthracene	3.7E-15					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Benzo(a)anthracene	5.3E-13	7.7E-09	2.0E-13	7.0E-09	3.6E-13	2.6E-07	5.9E-07	3.2E-08	3.2E-08	1.1E-07	6.5E-07
Benzo(a)pyrene	2.6E-13	7.2E-09	9.2E-14	6.6E-09	1.7E-13	1.0E-07	2.3E-07	1.3E-08	1.3E-08	3.2E-10	1.8E-14
Benzo(b)fluoranthene	7.1E-14	1.1E-08	5.3E-15	1.0E-08	9.7E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	5.0E-10	1.0E-15
Benzo(e)pyrene				2.9E-15	8.2E-15	8.6E-08	2.0E-07	1.1E-08	1.1E-08	1.4E-16	8.8E-16
Benzo(g,h,i)perylene				2.1E-15	6.0E-15	6.6E-08	1.5E-07	8.2E-09	8.2E-09	1.1E-16	6.5E-16
Benzo(k)fluoranthene	5.3E-16	6.1E-09	5.4E-15	5.5E-09	9.9E-15	1.0E-09	2.3E-09	1.2E-10	1.2E-10	2.7E-10	1.1E-15

Table H-161 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				2.9E-16	8.0E-16	9.5E-06	2.2E-05	1.2E-06	1.2E-06	1.7E-13	1.0E-12
Chrysene	9.0E-14	9.7E-09	2.5E-13	8.8E-09	4.5E-13	4.4E-07	1.0E-06	5.5E-08	5.5E-08	4.3E-10	4.9E-14
Dibenze(a,h)anthracene	1.3E-14	1.7E-09	3.2E-14	1.5E-09	5.8E-14	1.6E-08	3.7E-08	2.0E-09	2.0E-09	7.6E-11	6.2E-15
Fluoranthene	2.4E-14	5.2E-15	7.2E-15	4.7E-15	1.3E-14	6.4E-07	1.5E-06	8.0E-08	8.0E-08	2.3E-16	1.4E-15
Fluorene	5.2E-15					1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Indeno(1,2,3-cd)pyrene	3.2E-14	4.8E-09	9.0E-14	4.4E-09	1.6E-13	5.3E-08	1.2E-07	6.6E-09	6.6E-09	2.2E-10	1.8E-14
Napthalene	2.4E-15					1.3E-05	2.9E-05	1.6E-06	1.6E-06		
Perylene				1.1E-15	3.2E-15	4.0E-08	9.1E-08	4.9E-09	4.9E-09	5.5E-17	3.4E-16
Phenanthrene	2.5E-14					3.0E-06	6.9E-06	3.8E-07	3.8E-07		
Pyrene	1.7E-14	1.4E-14	2.0E-14	1.3E-14	3.6E-14	6.3E-07	1.4E-06	7.8E-08	7.8E-08	3.6E-13	2.2E-12
Particulate											
Particulate Total Suspended Particulate				2.6E-10	7.2E-10	2.0E-03	4.6E-03	2.5E-04	2.5E-04	1.3E-11	7.7E-11
PM<10				3.3E-10	9.2E-10	2.6E-03	6.1E-03	3.3E-04	3.3E-04	1.6E-11	9.9E-11
PM<2.5				2.7E-10	7.6E-10	2.3E-03	5.2E-03	2.8E-04	2.8E-04	1.3E-11	8.2E-11
PCBs											
Dichlorobiphenyl	5.2E-16	3.0E-17	4.2E-17	2.6E-17	7.2E-17	8.0E-09	1.8E-08	9.9E-10	9.9E-10	2.4E-15	1.5E-14
Heptachlorobiphenyl	2.0E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	1.1E-10	2.5E-10	1.4E-11	1.4E-11	1.5E-16	9.2E-16
Hexachlorobiphenyl	7.9E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	4.6E-10	1.1E-09	5.7E-11	5.7E-11	6.7E-16	4.1E-15
Monochlorobiphenyl	3.6E-15	2.1E-16	2.9E-16	1.8E-16	5.0E-16	5.5E-08	1.3E-07	6.9E-09	6.9E-09	1.7E-14	1.0E-13
Nonachlorobiphenyl	2.4E-18	6.1E-19	8.6E-19	5.2E-19	1.4E-18	1.5E-11	3.6E-11	1.9E-12	1.9E-12	2.6E-17	1.6E-16
Octachlorobiphenyl	5.8E-18	1.1E-18	1.6E-18	9.5E-19	2.7E-18	3.3E-11	7.7E-11	4.2E-12	4.2E-12	4.8E-17	3.0E-16
Pentachlorobiphenyl	2.6E-16	5.6E-17	7.9E-17	4.8E-17	1.3E-16	1.6E-09	3.6E-09	2.0E-10	2.0E-10	2.4E-15	1.5E-14
Tetrachlorobiphenyl	1.5E-16	1.2E-17	1.6E-17	9.8E-18	2.7E-17	2.6E-09	6.0E-09	3.2E-10	3.2E-10	9.1E-16	5.6E-15
Trichlorobiphenyl	2.0E-16	1.4E-17	1.9E-17	1.2E-17	3.3E-17	3.3E-09	7.6E-09	4.1E-10	4.1E-10	1.1E-15	6.8E-15

Table H-161 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				7.7E-09	6.7E-09					2.4E-07	1.5E-06
Dieldrin		4.0E-11		4.8E-11						2.3E-12	
SVOCs											
1,2,4-trichlorobenzene						2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2-dichlorobenzene	2.4E-19					9.3E-09	2.2E-08	1.2E-09	1.2E-09		
1,3-dichlorobenzene	5.9E-19					1.4E-08	3.2E-08	1.7E-09	1.7E-09		
1,4-dichlorobenzene	7.9E-18					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
1,4-Dioxane						1.1E-02					
2,4-Dimethylphenol	2.2E-16					2.0E-06	4.7E-06	2.5E-07	2.5E-07		
2-Chlorophenol	1.1E-17					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
2-Methylphenol	4.5E-15					4.8E-06	1.1E-05	6.0E-07	6.0E-07		
2-Nitrophenol	2.7E-17					6.5E-07	1.5E-06	8.1E-08	8.1E-08		
3-Methylphenol & 4-Methylphenol				3.2E-13	8.8E-13	8.6E-06	2.0E-05	1.1E-06	1.1E-06	1.5E-14	9.5E-14
4-Nitrophenol	5.6E-17					1.1E-06	2.5E-06	1.3E-07	1.3E-07		
Acetophenone	3.4E-16					1.0E-05	2.3E-05	1.3E-06	1.3E-06		
Benzoic acid	1.4E-15					4.6E-05	1.1E-04	5.8E-06	5.8E-06		
Benzyl alcohol	8.4E-19					3.9E-07	8.9E-07	4.8E-08	4.8E-08		
bis(2-Ethylhexyl) phthalate	4.2E-14	5.7E-13	8.0E-13	6.8E-13	1.9E-12	1.6E-05	3.8E-05	2.0E-06	2.0E-06	3.3E-14	2.0E-13
Butyl benzyl phthalate	1.5E-14	2.8E-16	3.9E-16	3.3E-16	9.2E-16	5.1E-07	1.2E-06	6.4E-08	6.4E-08	1.6E-17	9.9E-17
Carbazole				1.2E-15	3.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	5.9E-17	3.6E-16
Dibenzofuran		1.2E-17	1.7E-17	4.8E-17	1.4E-16	8.2E-07	1.9E-06	1.0E-07	1.0E-07	2.1E-14	1.3E-13
Dimethyl phthalate	5.5E-18					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
Di-n-butyl phthalate	1.4E-13	2.8E-16	3.9E-16	3.3E-16	9.2E-16	7.9E-07	1.8E-06	9.8E-08	9.8E-08	1.6E-17	9.9E-17

Table H-161 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.1E-18	8.0E-16	1.1E-15	9.5E-16	2.7E-15	5.5E-08	1.3E-07	6.9E-09	6.9E-09	4.7E-17	2.9E-16
Hexachlorobutadiene	5.8E-16					3.8E-06	8.8E-06	4.8E-07	4.8E-07		
Isopropanol						1.7E-01					
Phenol	1.3E-14					2.6E-05	6.0E-05	3.2E-06	3.2E-06		
Pyridine	6.6E-16					2.4E-06	5.7E-06	3.1E-07	3.1E-07		
TRS											
Total Reduced Sulfur						2.5E-05	5.8E-05	3.1E-06	3.1E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.3E-19					1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,1,1-Trichloroethane	1.5E-20					1.1E-08	2.6E-08	1.4E-09	1.4E-09		
1,1-Dichloroethene	5.1E-22					2.2E-09	5.1E-09	2.8E-10	2.8E-10		
1,2,3-Trichlorobenzene	1.6E-17					4.6E-08	1.1E-07	5.7E-09	5.7E-09		
1,2,3-Trichloropropane	9.3E-20					9.3E-09	2.1E-08	1.2E-09	1.2E-09		
1,2,4-Trimethylbenzene						5.3E-07	1.2E-06	6.7E-08	6.7E-08		
1,2-Dibromoethane	3.2E-20					5.9E-09	1.4E-08	7.4E-10	7.4E-10		
1,2-Dichloroethane	1.0E-18					2.4E-07	5.5E-07	8.6E-05	8.6E-05		
1,3,5-Trimethylbenzene	5.2E-18					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
1,3-Dichloropropane						5.7E-09	1.3E-08	7.2E-10	7.2E-10		
2-Butanone	2.1E-16					2.8E-06	6.5E-06	3.5E-07	3.5E-07		
2-Chlorotoluene						1.3E-07	2.9E-07	1.6E-08	1.6E-08		
2-Hexanone						5.8E-07	1.3E-06	7.2E-08	7.2E-08		
Benzene	1.7E-16					5.5E-03	1.7E-04	8.3E-04	8.3E-04		
Bromobenzene						3.2E-06	7.4E-06	4.0E-07	4.0E-07		
Bromochloromethane						7.6E-09	1.7E-08	9.4E-10	9.4E-10		

Table H-161 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	2.7E-20					8.2E-09	1.9E-08	1.0E-09	1.0E-09		
Bromomethane	1.1E-19					3.3E-07	7.5E-07	4.1E-08	4.1E-08		
Carbon disulfide	1.1E-19					2.9E-07	6.6E-07	3.6E-08	3.6E-08		
Carbon tetrachloride	1.2E-20					1.1E-02	4.3E-08	1.3E-03	1.3E-03		
Chlorobenzene	4.0E-18					4.1E-07	9.5E-07	5.2E-08	5.2E-08		
Chlorodibromomethane	1.6E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
Chloroethane	3.2E-19					7.8E-07	1.8E-06	9.8E-08	9.8E-08		
Chloroform	2.4E-19					3.7E-03	3.9E-07	2.1E-04	2.1E-04		
Chloromethane	8.4E-19					2.7E-06	6.1E-06	3.3E-07	3.3E-07		
cis-1,2-Dichloroethene	3.3E-19					3.4E-07	7.9E-07	4.3E-08	4.3E-08		
cis-1,3-Dichloropropene						2.1E-09	4.8E-09	2.6E-10	2.6E-10		
Dibromomethane	3.6E-20					1.7E-08	4.0E-08	2.2E-09	2.2E-09		
Dichlorodifluoromethane	4.0E-22					2.1E-08	4.9E-08	2.7E-09	2.7E-09		
Ethylbenzene	1.3E-16					3.1E-03	3.9E-05	2.1E-06	2.1E-06		
Isopropylbenzene	1.7E-19					1.4E-06	3.1E-06	1.7E-07	1.7E-07		
m&p-Xylene	2.0E-17					3.1E-06	7.2E-06	3.9E-07	3.9E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.1E-19					3.1E-08	7.1E-08	3.8E-09	3.8E-09		
Methylene chloride	2.2E-18					1.5E-06	3.6E-06	1.9E-07	1.9E-07		
n-Butylbenzene						6.7E-07	1.5E-06	8.3E-08	8.3E-08		
n-Propylbenzene						8.0E-07	1.9E-06	1.0E-07	1.0E-07		
o-Xylene	2.4E-17					2.0E-06	4.5E-06	2.5E-07	2.5E-07		
p-Chlorotoluene						4.8E-08	1.1E-07	5.9E-09	5.9E-09		
p-Isopropyltoluene						3.3E-07	7.6E-07	4.1E-08	4.1E-08		
sec-Butylbenzene						1.2E-07	2.8E-07	1.5E-08	1.5E-08		

Table H-161 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Styrene	8.0E-16					4.4E-05	1.0E-04	5.5E-06	5.5E-06		
tert-Butylbenzene						3.9E-06	9.0E-06	4.9E-07	4.9E-07		
Tetrachloroethene	5.7E-20					1.0E-08	2.4E-08	1.3E-09	1.3E-09		
Toluene	1.3E-16					2.7E-05	6.2E-05	3.4E-06	3.4E-06		
trans-1,2-Dichloroethene	5.0E-18					7.2E-06	1.7E-05	9.1E-07	9.1E-07		
trans-1,3-Dichloropropene						3.6E-09	8.4E-09	4.5E-10	4.5E-10		
Trichloroethene	5.8E-22					8.6E-04	1.4E-09	7.8E-11	7.8E-11		
Trichlorofluoromethane	9.0E-22					7.5E-09	1.7E-08	9.4E-10	9.4E-10		
Vinyl chloride	4.1E-20					1.2E-03	9.8E-07	5.3E-08	5.3E-08		

Table H-162 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					6.2E-07	4.0E-02	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19

Table H-162 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.1E-02	2.4E-02					5.3E-07	2.6E-06
Antimony	1.6E-17			2.6E-07	4.8E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.3E-11	5.2E-11
Arsenic	8.1E-16	6.0E-07	4.6E-07	1.4E-06	2.2E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	1.2E-10	3.9E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				3.1E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.5E-09	4.0E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				2.5E-02	4.0E-02					1.2E-06	4.3E-06
Lead	6.9E-18			9.0E-05	5.3E-05	6.0E-09	1.4E-08	7.5E-10	7.5E-10	4.4E-09	5.7E-09
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				9.8E-07	2.7E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	1.9E-06	1.2E-05
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19

Table H-162 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.8E-04	7.9E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.9E-08	8.5E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Thallium (Soluble Salts)				2.7E-07	1.4E-07					1.3E-11	1.6E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	9.0E-08	2.8E-12	8.1E-08	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	1.2E-09	7.6E-09
Benzo(a)pyrene	3.1E-12	8.5E-08	1.2E-12	7.7E-08	2.3E-12	1.2E-09	2.7E-09	1.5E-10	1.5E-10	3.8E-12	2.4E-16
Benzo(b)fluoranthene	8.3E-13	1.3E-07	7.3E-14	1.2E-07	1.3E-13	1.3E-09	3.0E-09	1.6E-10	1.6E-10	5.9E-12	1.4E-17
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	7.1E-08	9.7E-14	6.4E-08	1.8E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.1E-12	1.9E-17

Table H-162 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	1.1E-07	3.8E-12	1.0E-07	6.9E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	5.0E-12	7.4E-16
Dibenze(a,h)anthracene	1.6E-13	2.0E-08	4.7E-13	1.8E-08	8.6E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	8.8E-13	9.3E-17
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	5.7E-08	1.3E-12	5.1E-08	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	2.5E-12	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16

Table H-162 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				9.0E-08	7.8E-08					2.9E-09	1.8E-08
Dieldrin		4.7E-10		5.6E-10						2.7E-14	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
1,4-Dioxane						1.3E-04					
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18

Table H-162 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						2.0E-03					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					6.4E-05	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		

Table H-162 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.3E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					4.3E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					3.7E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		

Table H-162 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					1.0E-05	1.7E-11	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					1.4E-05	1.1E-08	6.2E-10	6.2E-10		

Table H-163 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						7.2E-05	1.7E-04	9.0E-06	9.0E-06		
Aldehydes											
Acetaldehyde	7.9E-15					1.2E-04	2.9E-04	1.6E-05	1.6E-05		
Formaldehyde	3.9E-14					5.3E-05	2.3E+00	6.6E-06	6.6E-06		
Propionaldehyde				1.9E-16	5.4E-16	1.4E-05	3.1E-05	1.7E-06	1.7E-06	1.4E-12	8.9E-12
CO											
Carbon monoxide						3.8E-03	8.8E-03	4.8E-04	4.8E-04		
CO2											
Carbon dioxide						1.2E-04	2.8E-04	1.5E-05	1.5E-05		
Criteria											
Sulfur Dioxide						3.2E-05	7.5E-05	4.1E-06	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	7.8E-20	6.4E-17	9.0E-17	2.5E-16	7.1E-16	7.3E-11	1.7E-10	9.1E-12	9.1E-12	1.2E-17	7.7E-17
1,2,3,4,6,7,8-HpCDF	7.6E-20	6.5E-17	9.1E-17	2.6E-16	7.2E-16	7.3E-11	1.7E-10	9.2E-12	9.2E-12	1.3E-17	7.8E-17
1,2,3,4,7,8,9-HpCDF	1.2E-20	7.5E-18	1.0E-17	2.9E-17	8.2E-17	9.3E-12	2.1E-11	1.2E-12	1.2E-12	1.4E-18	8.9E-18
1,2,3,4,7,8-HxCDD	9.4E-20	7.3E-18	1.0E-17	2.9E-17	8.1E-17	8.7E-12	2.0E-11	1.1E-12	1.1E-12	1.4E-18	8.7E-18
1,2,3,4,7,8-HxCDF	6.5E-19	5.8E-17	8.1E-17	2.3E-16	6.4E-16	7.1E-11	1.6E-10	8.9E-12	8.9E-12	1.1E-17	6.9E-17
1,2,3,6,7,8-HxCDD	1.8E-19	1.5E-17	2.1E-17	5.9E-17	1.6E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	2.9E-18	1.8E-17
1,2,3,6,7,8-HxCDF	2.4E-19	1.9E-17	2.7E-17	7.5E-17	2.1E-16	2.3E-11	5.3E-11	2.9E-12	2.9E-12	3.7E-18	2.3E-17
1,2,3,7,8,9-HxCDD	2.6E-19	2.4E-17	3.3E-17	9.3E-17	2.6E-16	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.5E-18	2.8E-17
1,2,3,7,8,9-HxCDF	2.1E-20	1.4E-18	1.9E-18	5.4E-18	1.5E-17	1.8E-12	4.1E-12	2.2E-13	2.2E-13	2.6E-19	1.6E-18
1,2,3,7,8-PeCDD	5.9E-19	8.3E-18	1.2E-17	3.3E-17	9.1E-17	1.1E-11	2.6E-11	1.4E-12	1.4E-12	1.6E-18	9.9E-18
1,2,3,7,8-PeCDF	8.2E-19	9.7E-18	1.4E-17	3.8E-17	1.1E-16	1.6E-11	3.6E-11	2.0E-12	2.0E-12	1.9E-18	1.2E-17

Table H-163 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	3.5E-19	3.0E-17	4.2E-17	1.2E-16	3.3E-16	3.6E-11	8.2E-11	4.5E-12	4.5E-12	5.7E-18	3.5E-17
2,3,4,7,8-PeCDF	1.3E-18	2.3E-17	3.2E-17	9.2E-17	2.6E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	4.5E-18	2.8E-17
2,3,7,8-TCDD	2.1E-19	1.7E-18	2.4E-18	6.7E-18	1.9E-17	4.4E-12	1.0E-11	5.6E-13	5.6E-13	2.3E-16	1.4E-15
2,3,7,8-TCDF	6.8E-19	3.1E-18	4.3E-18	1.2E-17	3.4E-17	1.6E-11	3.8E-11	2.0E-12	2.0E-12	6.0E-19	3.7E-18
OCDD	1.0E-21	4.4E-17	6.1E-17	1.7E-16	4.8E-16	4.8E-11	1.1E-10	6.0E-12	6.0E-12	8.4E-18	5.2E-17
OCDF	3.9E-22	1.7E-17	2.3E-17	6.6E-17	1.9E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	3.2E-18	2.0E-17
HCN											
Hydrogen cyanide						1.4E-05	3.1E-05	1.7E-06	1.7E-06		
Metals											
Aluminum				9.3E-04	1.6E-03					4.5E-05	1.8E-04
Antimony	1.3E-18			2.2E-08	1.4E-08	8.9E-07	2.1E-06	1.1E-07	1.1E-07	1.1E-09	1.6E-09
Arsenic	7.0E-17	5.1E-08	1.6E-08	1.2E-07	7.4E-08	5.1E-08	1.2E-07	6.4E-09	6.4E-09	9.9E-09	1.3E-08
Barium	1.6E-13			1.5E-10	4.3E-10	1.1E-05	2.5E-05	1.3E-06	1.3E-06	7.5E-12	4.6E-11
Beryllium	2.8E-18			9.0E-17	2.5E-16	3.7E-09	8.5E-09	4.6E-10	4.6E-10	4.4E-18	2.7E-17
Cadmium	7.2E-16			7.0E-17	2.0E-16	6.5E-08	1.5E-07	8.1E-09	8.1E-09	3.4E-18	2.1E-17
Chromium	1.9E-16			4.6E-12	1.3E-11	5.5E-07	1.3E-06	6.9E-08	6.9E-08	2.2E-13	1.4E-12
Cobalt				2.7E-06	5.4E-06	8.4E-07	1.9E-06	1.1E-07	1.1E-07	1.3E-07	5.9E-07
Copper				1.7E-11	4.7E-11	1.5E-06	3.5E-06	1.9E-07	1.9E-07	8.2E-13	5.0E-12
Iron				2.2E-03	3.7E-03					1.1E-04	4.0E-04
Lead	5.9E-19			7.7E-06	1.2E-05	5.1E-07	1.2E-06	6.4E-08	6.4E-08	3.8E-07	1.3E-06
Manganese				6.8E-14	1.9E-13	4.7E-07	1.1E-06	5.8E-08	5.8E-08	3.3E-15	2.1E-14
Mercury (+2)				1.5E-15	4.1E-15	2.0E-09	4.7E-09	2.5E-10	2.5E-10	7.2E-17	4.4E-16
Mercury, elemental				8.4E-08	3.8E-09	8.4E-12	1.9E-11	1.1E-12	1.1E-12	1.6E-04	1.0E-03
Methyl Mercury	5.6E-16			8.7E-17	2.4E-16					4.3E-18	2.6E-17

Table H-163 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	2.8E-16			5.0E-05	1.1E-04	3.0E-07	6.9E-07	3.7E-08	3.7E-08	2.5E-06	1.2E-05
Phosphorus				6.4E-16	1.8E-15	2.3E-06	5.2E-06	2.8E-07	2.8E-07	6.2E-12	3.8E-11
Selenium	2.4E-17			3.5E-18	9.7E-18	1.5E-08	3.5E-08	1.9E-09	1.9E-09	1.7E-19	1.0E-18
Silver	1.6E-17			5.6E-14	1.6E-13	9.8E-09	2.3E-08	1.2E-09	1.2E-09	2.7E-15	1.7E-14
Thallium (Soluble Salts)				2.3E-08						1.1E-09	
Titanium				6.9E-16	1.9E-15	5.2E-09	1.2E-08	6.5E-10	6.5E-10	3.4E-17	2.1E-16
Zinc	3.5E-13			1.6E-14	4.4E-14	1.2E-05	2.7E-05	1.5E-06	1.5E-06	7.7E-16	4.8E-15
NOx											
NOx (Oxides of Nitrogen)						1.3E-04	3.1E-04	1.7E-05	1.7E-05		
PAHs											
1-Methylnaphthalene		2.0E-17	2.9E-17	1.9E-17	5.2E-17	2.8E-06	6.5E-06	3.5E-07	3.5E-07	2.1E-14	1.3E-13
1-Methylphenanthrene				1.2E-14	3.5E-14	3.4E-07	7.8E-07	4.2E-08	4.2E-08	6.1E-16	3.7E-15
2,3,5-Trimethylnaphthalene				5.8E-15	1.6E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	2.8E-16	1.8E-15
2,6-Dimethylnaphthalene				1.6E-14	4.4E-14	4.4E-07	1.0E-06	5.5E-08	5.5E-08	7.8E-16	4.8E-15
2-Methylnaphthalene		2.0E-17	2.8E-17	1.8E-17	5.0E-17	2.7E-06	6.3E-06	3.4E-07	3.4E-07	2.1E-14	1.3E-13
Acenaphthylene				5.1E-14	1.4E-13	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.5E-15	1.5E-14
Acenaphthene	2.9E-16					3.0E-07	6.8E-07	3.7E-08	3.7E-08		
Anthracene	3.7E-15					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Benzo(a)anthracene	5.3E-13	7.7E-09	2.0E-13	7.0E-09	3.6E-13	2.6E-07	5.9E-07	3.2E-08	3.2E-08	1.1E-07	6.5E-07
Benzo(a)pyrene	2.6E-13	7.2E-09	1.1E-08	6.6E-09	2.1E-08	1.0E-07	2.3E-07	1.3E-08	1.3E-08	3.2E-10	2.2E-09
Benzo(b)fluoranthene	7.1E-14	1.1E-08	1.0E-08	1.0E-08	1.8E-08	1.1E-07	2.6E-07	1.4E-08	1.4E-08	5.0E-10	2.0E-09
Benzo(e)pyrene				2.9E-15	8.2E-15	8.6E-08	2.0E-07	1.1E-08	1.1E-08	1.4E-16	8.8E-16
Benzo(g,h,i)perylene				2.1E-15	6.0E-15	6.6E-08	1.5E-07	8.2E-09	8.2E-09	1.1E-16	6.5E-16
Benzo(k)fluoranthene	5.3E-16	6.1E-09	5.4E-15	5.5E-09	9.9E-15	1.0E-09	2.3E-09	1.2E-10	1.2E-10	2.7E-10	1.1E-15

Table H-163 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				2.9E-16	8.0E-16	9.5E-06	2.2E-05	1.2E-06	1.2E-06	1.7E-13	1.0E-12
Chrysene	9.0E-14	9.7E-09	2.5E-13	8.8E-09	4.5E-13	4.4E-07	1.0E-06	5.5E-08	5.5E-08	4.3E-10	4.9E-14
Dibenze(a,h)anthracene	1.3E-14	1.7E-09	3.2E-14	1.5E-09	5.8E-14	1.6E-08	3.7E-08	2.0E-09	2.0E-09	7.6E-11	6.2E-15
Fluoranthene	2.4E-14	5.2E-15	7.2E-15	4.7E-15	1.3E-14	6.4E-07	1.5E-06	8.0E-08	8.0E-08	2.3E-16	1.4E-15
Fluorene	5.2E-15					1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Indeno(1,2,3-cd)pyrene	3.2E-14	4.8E-09	9.0E-14	4.4E-09	1.6E-13	5.3E-08	1.2E-07	6.6E-09	6.6E-09	2.2E-10	1.8E-14
Napthalene	2.4E-15					1.3E-05	2.9E-05	1.6E-06	1.6E-06		
Perylene				1.1E-15	3.2E-15	4.0E-08	9.1E-08	4.9E-09	4.9E-09	5.5E-17	3.4E-16
Phenanthrene	2.5E-14					3.0E-06	6.9E-06	3.8E-07	3.8E-07		
Pyrene	1.7E-14	1.4E-14	2.0E-14	1.3E-14	3.6E-14	6.3E-07	1.4E-06	7.8E-08	7.8E-08	3.6E-13	2.2E-12
Particulate											
Particulate Total Suspended Particulate				2.6E-10	7.2E-10	2.0E-03	4.6E-03	2.5E-04	2.5E-04	1.3E-11	7.7E-11
PM<10				3.3E-10	9.2E-10	2.6E-03	6.1E-03	3.3E-04	3.3E-04	1.6E-11	9.9E-11
PM<2.5				2.7E-10	7.6E-10	2.3E-03	5.2E-03	2.8E-04	2.8E-04	1.3E-11	8.2E-11
PCBs											
Dichlorobiphenyl	5.2E-16	3.0E-17	4.2E-17	2.6E-17	7.2E-17	8.0E-09	1.8E-08	9.9E-10	9.9E-10	2.4E-15	1.5E-14
Heptachlorobiphenyl	2.0E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	1.1E-10	2.5E-10	1.4E-11	1.4E-11	1.5E-16	9.2E-16
Hexachlorobiphenyl	7.9E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	4.6E-10	1.1E-09	5.7E-11	5.7E-11	6.7E-16	4.1E-15
Monochlorobiphenyl	3.6E-15	2.1E-16	2.9E-16	1.8E-16	5.0E-16	5.5E-08	1.3E-07	6.9E-09	6.9E-09	1.7E-14	1.0E-13
Nonachlorobiphenyl	2.4E-18	6.1E-19	8.6E-19	5.2E-19	1.4E-18	1.5E-11	3.6E-11	1.9E-12	1.9E-12	2.6E-17	1.6E-16
Octachlorobiphenyl	5.8E-18	1.1E-18	1.6E-18	9.5E-19	2.7E-18	3.3E-11	7.7E-11	4.2E-12	4.2E-12	4.8E-17	3.0E-16
Pentachlorobiphenyl	2.6E-16	5.6E-17	7.9E-17	4.8E-17	1.3E-16	1.6E-09	3.6E-09	2.0E-10	2.0E-10	2.4E-15	1.5E-14
Tetrachlorobiphenyl	1.5E-16	1.2E-17	1.6E-17	9.8E-18	2.7E-17	2.6E-09	6.0E-09	3.2E-10	3.2E-10	9.1E-16	5.6E-15
Trichlorobiphenyl	2.0E-16	1.4E-17	1.9E-17	1.2E-17	3.3E-17	3.3E-09	7.6E-09	4.1E-10	4.1E-10	1.1E-15	6.8E-15

Table H-163 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				7.7E-09	2.4E-08					2.4E-07	1.5E-06
Dieldrin		4.0E-11		4.8E-11						2.3E-12	
SVOCs											
1,2,4-trichlorobenzene						2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2-dichlorobenzene	2.4E-19					9.3E-09	2.2E-08	1.2E-09	1.2E-09		
1,3-dichlorobenzene	5.9E-19					1.4E-08	3.2E-08	1.7E-09	1.7E-09		
1,4-dichlorobenzene	7.9E-18					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
1,4-Dioxane						1.1E-02					
2,4-Dimethylphenol	2.2E-16					2.0E-06	4.7E-06	2.5E-07	2.5E-07		
2-Chlorophenol	1.1E-17					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
2-Methylphenol	4.5E-15					4.8E-06	1.1E-05	6.0E-07	6.0E-07		
2-Nitrophenol	2.7E-17					6.5E-07	1.5E-06	8.1E-08	8.1E-08		
3-Methylphenol & 4-Methylphenol				3.2E-13	8.8E-13	8.6E-06	2.0E-05	1.1E-06	1.1E-06	1.5E-14	9.5E-14
4-Nitrophenol	5.6E-17					1.1E-06	2.5E-06	1.3E-07	1.3E-07		
Acetophenone	3.4E-16					1.0E-05	2.3E-05	1.3E-06	1.3E-06		
Benzoic acid	1.4E-15					4.6E-05	1.1E-04	5.8E-06	5.8E-06		
Benzyl alcohol	8.4E-19					3.9E-07	8.9E-07	4.8E-08	4.8E-08		
bis(2-Ethylhexyl) phthalate	4.2E-14	5.7E-13	8.0E-13	6.8E-13	1.9E-12	1.6E-05	3.8E-05	2.0E-06	2.0E-06	3.3E-14	2.0E-13
Butyl benzyl phthalate	1.5E-14	2.8E-16	3.9E-16	3.3E-16	9.2E-16	5.1E-07	1.2E-06	6.4E-08	6.4E-08	1.6E-17	9.9E-17
Carbazole				1.2E-15	3.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	5.9E-17	3.6E-16
Dibenzofuran		1.2E-17	1.7E-17	4.8E-17	1.4E-16	8.2E-07	1.9E-06	1.0E-07	1.0E-07	2.1E-14	1.3E-13
Dimethyl phthalate	5.5E-18					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
Di-n-butyl phthalate	1.4E-13	2.8E-16	3.9E-16	3.3E-16	9.2E-16	7.9E-07	1.8E-06	9.8E-08	9.8E-08	1.6E-17	9.9E-17

Table H-163 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.1E-18	8.0E-16	1.1E-15	9.5E-16	2.7E-15	5.5E-08	1.3E-07	6.9E-09	6.9E-09	4.7E-17	2.9E-16
Hexachlorobutadiene	5.8E-16					3.8E-06	8.8E-06	4.8E-07	4.8E-07		
Isopropanol						1.7E-01					
Phenol	1.3E-14					2.6E-05	6.0E-05	3.2E-06	3.2E-06		
Pyridine	6.6E-16					2.4E-06	5.7E-06	3.1E-07	3.1E-07		
TRS											
Total Reduced Sulfur						2.5E-05	5.8E-05	3.1E-06	3.1E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.3E-19					1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,1,1-Trichloroethane	1.5E-20					1.1E-08	2.6E-08	1.4E-09	1.4E-09		
1,1-Dichloroethene	5.1E-22					2.2E-09	5.1E-09	2.8E-10	2.8E-10		
1,2,3-Trichlorobenzene	1.6E-17					4.6E-08	1.1E-07	5.7E-09	5.7E-09		
1,2,3-Trichloropropane	9.3E-20					9.3E-09	2.1E-08	1.2E-09	1.2E-09		
1,2,4-Trimethylbenzene						5.3E-07	1.2E-06	6.7E-08	6.7E-08		
1,2-Dibromoethane	3.2E-20					5.9E-09	1.4E-08	7.4E-10	7.4E-10		
1,2-Dichloroethane	1.0E-18					2.4E-07	5.5E-07	8.6E-05	8.6E-05		
1,3,5-Trimethylbenzene	5.2E-18					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
1,3-Dichloropropane						5.7E-09	1.3E-08	7.2E-10	7.2E-10		
2-Butanone	2.1E-16					2.8E-06	6.5E-06	3.5E-07	3.5E-07		
2-Chlorotoluene						1.3E-07	2.9E-07	1.6E-08	1.6E-08		
2-Hexanone						5.8E-07	1.3E-06	7.2E-08	7.2E-08		
Benzene	1.7E-16					5.5E-03	1.7E-04	8.3E-04	8.3E-04		
Bromobenzene						3.2E-06	7.4E-06	4.0E-07	4.0E-07		
Bromochloromethane						7.6E-09	1.7E-08	9.4E-10	9.4E-10		

Table H-163 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	2.7E-20					8.2E-09	1.9E-08	1.0E-09	1.0E-09		
Bromomethane	1.1E-19					3.3E-07	7.5E-07	4.1E-08	4.1E-08		
Carbon disulfide	1.1E-19					2.9E-07	6.6E-07	3.6E-08	3.6E-08		
Carbon tetrachloride	1.2E-20					1.1E-02	4.3E-08	1.3E-03	1.3E-03		
Chlorobenzene	4.0E-18					4.1E-07	9.5E-07	5.2E-08	5.2E-08		
Chlorodibromomethane	1.6E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
Chloroethane	3.2E-19					7.8E-07	1.8E-06	9.8E-08	9.8E-08		
Chloroform	2.4E-19					3.7E-03	3.9E-07	2.1E-04	2.1E-04		
Chloromethane	8.4E-19					2.7E-06	6.1E-06	3.3E-07	3.3E-07		
cis-1,2-Dichloroethene	3.3E-19					3.4E-07	7.9E-07	4.3E-08	4.3E-08		
cis-1,3-Dichloropropene						2.1E-09	4.8E-09	2.6E-10	2.6E-10		
Dibromomethane	3.6E-20					1.7E-08	4.0E-08	2.2E-09	2.2E-09		
Dichlorodifluoromethane	4.0E-22					2.1E-08	4.9E-08	2.7E-09	2.7E-09		
Ethylbenzene	1.3E-16					3.1E-03	3.9E-05	2.1E-06	2.1E-06		
Isopropylbenzene	1.7E-19					1.4E-06	3.1E-06	1.7E-07	1.7E-07		
m&p-Xylene	2.0E-17					3.1E-06	7.2E-06	3.9E-07	3.9E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.1E-19					3.1E-08	7.1E-08	3.8E-09	3.8E-09		
Methylene chloride	2.2E-18					1.5E-06	3.6E-06	1.9E-07	1.9E-07		
n-Butylbenzene						6.7E-07	1.5E-06	8.3E-08	8.3E-08		
n-Propylbenzene						8.0E-07	1.9E-06	1.0E-07	1.0E-07		
o-Xylene	2.4E-17					2.0E-06	4.5E-06	2.5E-07	2.5E-07		
p-Chlorotoluene						4.8E-08	1.1E-07	5.9E-09	5.9E-09		
p-Isopropyltoluene						3.3E-07	7.6E-07	4.1E-08	4.1E-08		
sec-Butylbenzene						1.2E-07	2.8E-07	1.5E-08	1.5E-08		

Table H-163 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Styrene	8.0E-16					4.4E-05	1.0E-04	5.5E-06	5.5E-06		
tert-Butylbenzene						3.9E-06	9.0E-06	4.9E-07	4.9E-07		
Tetrachloroethene	5.7E-20					1.0E-08	2.4E-08	1.3E-09	1.3E-09		
Toluene	1.3E-16					2.7E-05	6.2E-05	3.4E-06	3.4E-06		
trans-1,2-Dichloroethene	5.0E-18					7.2E-06	1.7E-05	9.1E-07	9.1E-07		
trans-1,3-Dichloropropene						3.6E-09	8.4E-09	4.5E-10	4.5E-10		
Trichloroethene	5.8E-22					8.6E-04	1.4E-09	7.8E-11	7.8E-11		
Trichlorofluoromethane	9.0E-22					7.5E-09	1.7E-08	9.4E-10	9.4E-10		
Vinyl chloride	4.1E-20					1.2E-03	9.8E-07	5.3E-08	5.3E-08		

Table H-164 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					6.2E-07	2.7E-02	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18	
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18	
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19	
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19	
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18	
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19	
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19	
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19	
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20	
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19	
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19	

Table H-164 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.1E-02	1.9E-02					5.3E-07	2.1E-06
Antimony	1.6E-17			2.6E-07	1.7E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.3E-11	1.8E-11
Arsenic	8.1E-16	6.0E-07	1.8E-07	1.4E-06	8.6E-07	5.9E-10	1.4E-09	7.4E-11	7.4E-11	1.2E-10	1.6E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				3.1E-05	6.4E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.5E-09	6.9E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				2.5E-02	4.3E-02					1.2E-06	4.7E-06
Lead	6.9E-18			9.0E-05	1.4E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	4.4E-09	1.6E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				9.8E-07	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	1.9E-06	1.2E-05
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19

Table H-164 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.8E-04	1.3E-03	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.9E-08	1.4E-07
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Thallium (Soluble Salts)				2.7E-07						1.3E-11	
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	9.0E-08	2.8E-12	8.1E-08	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	1.2E-09	7.6E-09
Benzo(a)pyrene	3.1E-12	8.5E-08	1.3E-07	7.7E-08	2.4E-07	1.2E-09	2.7E-09	1.5E-10	1.5E-10	3.8E-12	2.6E-11
Benzo(b)fluoranthene	8.3E-13	1.3E-07	1.2E-07	1.2E-07	2.2E-07	1.3E-09	3.0E-09	1.6E-10	1.6E-10	5.9E-12	2.3E-11
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	7.1E-08	9.7E-14	6.4E-08	1.8E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.1E-12	1.9E-17

Table H-164 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	1.1E-07	3.8E-12	1.0E-07	6.9E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	5.0E-12	7.4E-16
Dibenze(a,h)anthracene	1.6E-13	2.0E-08	4.7E-13	1.8E-08	8.6E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	8.8E-13	9.3E-17
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	5.7E-08	1.3E-12	5.1E-08	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	2.5E-12	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16

Table H-164 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Pesticides											
DDE				9.0E-08	2.8E-07					2.9E-09	1.8E-08
Dieldrin		4.7E-10		5.6E-10						2.7E-14	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
1,4-Dioxane						1.3E-04					
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18

Table H-164 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						2.0E-03					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					6.4E-05	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		

Table H-164 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.3E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					4.3E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					3.7E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		

Table H-164 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08				
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09				
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11				
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08				
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08				
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12				
Trichloroethene	6.8E-21					1.0E-05	1.7E-11	9.1E-13	9.1E-13				
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11				
Vinyl chloride	4.8E-19					1.4E-05	1.1E-08	6.2E-10	6.2E-10				

Table H-165 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						7.2E-05	2.6E-03	9.0E-06	8.5E-04		
Aldehydes											
Acetaldehyde	7.9E-15					1.2E-04	4.4E-03	1.6E-05	1.5E-03		
Formaldehyde	3.9E-14					5.3E-05	1.7E-03	6.6E-06	5.8E-04		
Propionaldehyde				1.9E-16	6.2E-15	1.4E-05	4.9E-04	1.7E-06	1.6E-04	1.4E-12	1.0E-10
CO											
Carbon monoxide						3.8E-03	1.4E-01	4.8E-04	4.8E-02		
CO2											
Carbon dioxide						1.2E-04	4.3E-03	1.5E-05	1.4E-03		
Criteria											
Sulfur Dioxide						3.2E-05	1.0E-03	4.1E-06	3.5E-04		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	7.8E-20	6.4E-17	1.2E-15	2.5E-16	9.5E-15	7.3E-11	2.9E-09	9.1E-12	9.7E-10	1.2E-17	1.0E-15
1,2,3,4,6,7,8-HpCDF	7.6E-20	6.5E-17	1.2E-15	2.6E-16	9.5E-15	7.3E-11	2.9E-09	9.2E-12	9.7E-10	1.3E-17	1.0E-15
1,2,3,4,7,8,9-HpCDF	1.2E-20	7.5E-18	1.5E-16	2.9E-17	1.1E-15	9.3E-12	3.8E-10	1.2E-12	1.3E-10	1.4E-18	1.2E-16
1,2,3,4,7,8-HxCDD	9.4E-20	7.3E-18	1.4E-16	2.9E-17	1.1E-15	8.7E-12	3.5E-10	1.1E-12	1.2E-10	1.4E-18	1.2E-16
1,2,3,4,7,8-HxCDF	6.5E-19	5.8E-17	1.1E-15	2.3E-16	8.8E-15	7.1E-11	2.9E-09	8.9E-12	9.6E-10	1.1E-17	9.5E-16
1,2,3,6,7,8-HxCDD	1.8E-19	1.5E-17	2.9E-16	5.9E-17	2.3E-15	1.8E-11	7.4E-10	2.3E-12	2.5E-10	2.9E-18	2.5E-16
1,2,3,6,7,8-HxCDF	2.4E-19	1.9E-17	3.7E-16	7.5E-17	2.9E-15	2.3E-11	9.4E-10	2.9E-12	3.1E-10	3.7E-18	3.2E-16
1,2,3,7,8,9-HxCDD	2.6E-19	2.4E-17	4.5E-16	9.3E-17	3.6E-15	2.8E-11	1.1E-09	3.5E-12	3.8E-10	4.5E-18	3.9E-16
1,2,3,7,8,9-HxCDF	2.1E-20	1.4E-18	2.7E-17	5.4E-18	2.1E-16	1.8E-12	7.2E-11	2.2E-13	2.4E-11	2.6E-19	2.3E-17
1,2,3,7,8-PeCDD	5.9E-19	8.3E-18	1.6E-16	3.3E-17	1.3E-15	1.1E-11	4.5E-10	1.4E-12	1.5E-10	1.6E-18	1.4E-16
1,2,3,7,8-PeCDF	8.2E-19	9.7E-18	1.9E-16	3.8E-17	1.5E-15	1.6E-11	6.5E-10	2.0E-12	2.2E-10	1.9E-18	1.6E-16

Table H-165 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	3.5E-19	3.0E-17	5.6E-16	1.2E-16	4.4E-15	3.6E-11	1.4E-09	4.5E-12	4.8E-10	5.7E-18	4.8E-16
2,3,4,7,8-PeCDF	1.3E-18	2.3E-17	4.6E-16	9.2E-17	3.6E-15	3.5E-11	1.4E-09	4.4E-12	4.8E-10	4.5E-18	3.9E-16
2,3,7,8-TCDD	2.1E-19	1.7E-18	2.5E-17	6.7E-18	1.9E-16	4.4E-12	1.5E-10	5.6E-13	5.0E-11	2.3E-16	1.5E-14
2,3,7,8-TCDF	6.8E-19	3.1E-18	6.2E-17	1.2E-17	4.9E-16	1.6E-11	6.7E-10	2.0E-12	2.2E-10	6.0E-19	5.2E-17
OCDD	1.0E-21	4.4E-17	8.0E-16	1.7E-16	6.3E-15	4.8E-11	1.9E-09	6.0E-12	6.4E-10	8.4E-18	6.8E-16
OCDF	3.9E-22	1.7E-17	3.0E-16	6.6E-17	2.4E-15	1.8E-11	7.0E-10	2.3E-12	2.3E-10	3.2E-18	2.6E-16
HCN											
Hydrogen cyanide						1.4E-05	5.3E-04	1.7E-06	1.8E-04		
Metals											
Aluminum				9.3E-04						4.5E-05	
Antimony	1.3E-18			2.2E-08		8.9E-07	2.2E-05	1.1E-07	7.4E-06	1.1E-09	
Arsenic	7.0E-17	5.1E-08	4.1E-18	1.2E-07	2.0E-17	5.1E-08	1.8E-06	6.4E-09	6.0E-07	9.9E-09	3.5E-18
Barium	1.6E-13			1.5E-10	5.3E-09	1.1E-05	2.9E-04	1.3E-06	9.7E-05	7.5E-12	5.7E-10
Beryllium	2.8E-18			9.0E-17	3.4E-15	3.7E-09	1.2E-07	4.6E-10	4.1E-08	4.4E-18	3.6E-16
Cadmium	7.2E-16			7.0E-17	2.7E-15	6.5E-08	2.3E-06	8.1E-09	7.6E-07	3.4E-18	2.9E-16
Chromium	1.9E-16			4.6E-12	1.8E-10	5.5E-07	2.0E-05	6.9E-08	6.6E-06	2.2E-13	1.9E-11
Cobalt				2.7E-06	4.8E-10	8.4E-07	1.5E-05	1.1E-07	5.1E-06	1.3E-07	5.2E-11
Copper				1.7E-11	6.3E-10	1.5E-06	5.2E-05	1.9E-07	1.7E-05	8.2E-13	6.8E-11
Iron				2.2E-03						1.1E-04	
Lead	5.9E-19			7.7E-06	3.3E-13	5.1E-07	1.7E-05	6.4E-08	5.6E-06	3.8E-07	3.5E-14
Manganese				6.8E-14	2.6E-12	4.7E-07	1.6E-05	5.8E-08	5.4E-06	3.3E-15	2.8E-13
Mercury (+2)				1.5E-15	4.5E-14	2.0E-09	7.1E-08	2.5E-10	2.4E-08	7.2E-17	4.9E-15
Mercury, elemental				8.4E-08		8.4E-12	3.0E-10	1.1E-12	9.9E-11	1.6E-04	
Methyl Mercury	5.6E-16			8.7E-17	3.4E-15					4.3E-18	3.6E-16

Table H-165 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	2.8E-16			5.0E-05	1.3E-14	3.0E-07	1.0E-05	3.7E-08	3.4E-06	2.5E-06	1.4E-15
Phosphorus				6.4E-16	2.4E-14	2.3E-06	7.4E-05	2.8E-07	2.5E-05	6.2E-12	5.0E-10
Selenium	2.4E-17			3.5E-18	1.3E-16	1.5E-08	5.2E-07	1.9E-09	1.7E-07	1.7E-19	1.4E-17
Silver	1.6E-17			5.6E-14	2.1E-12	9.8E-09	3.2E-07	1.2E-09	1.1E-07	2.7E-15	2.2E-13
Thallium (Soluble Salts)				2.3E-08						1.1E-09	
Titanium				6.9E-16	2.8E-14	5.2E-09	2.0E-07	6.5E-10	6.5E-08	3.4E-17	3.0E-15
Zinc	3.5E-13			1.6E-14	5.6E-13	1.2E-05	3.4E-04	1.5E-06	1.1E-04	7.7E-16	6.0E-14
NOx											
NOx (Oxides of Nitrogen)						1.3E-04	4.5E-03	1.7E-05	1.5E-03		
PAHs											
1-Methylnaphthalene		2.0E-17	4.2E-16	1.9E-17	7.6E-16	2.8E-06	1.2E-04	3.5E-07	3.9E-05	2.1E-14	1.9E-12
1-Methylphenanthrene				1.2E-14	5.1E-13	3.4E-07	1.4E-05	4.2E-08	4.7E-06	6.1E-16	5.5E-14
2,3,5-Trimethylnaphthalene				5.8E-15	2.5E-13	1.7E-07	7.2E-06	2.1E-08	2.4E-06	2.8E-16	2.7E-14
2,6-Dimethylnaphthalene				1.6E-14	6.7E-13	4.4E-07	1.9E-05	5.5E-08	6.2E-06	7.8E-16	7.2E-14
2-Methylnaphthalene		2.0E-17	4.0E-16	1.8E-17	7.4E-16	2.7E-06	1.1E-04	3.4E-07	3.8E-05	2.1E-14	1.9E-12
Acenaphthylene				5.1E-14	2.2E-12	1.6E-06	6.8E-05	2.0E-07	2.3E-05	2.5E-15	2.3E-13
Acenaphthene	2.9E-16					3.0E-07	1.2E-05	3.7E-08	4.1E-06		
Anthracene	3.7E-15					5.2E-07	2.2E-05	6.5E-08	7.3E-06		
Benzo(a)anthracene	5.3E-13	7.7E-09	3.1E-12	7.0E-09	5.7E-12	2.6E-07	1.1E-05	3.2E-08	3.7E-06	1.1E-07	1.9E-10
Benzo(a)pyrene	2.6E-13	7.2E-09	1.4E-12	6.6E-09	2.5E-12	1.0E-07	4.2E-06	1.3E-08	1.4E-06	3.2E-10	2.7E-13
Benzo(b)fluoranthene	7.1E-14	1.1E-08	7.3E-14	1.0E-08	1.3E-13	1.1E-07	4.5E-06	1.4E-08	1.5E-06	5.0E-10	1.4E-14
Benzo(e)pyrene				2.9E-15	1.1E-13	8.6E-08	3.5E-06	1.1E-08	1.2E-06	1.4E-16	1.2E-14
Benzo(g,h,i)perylene				2.1E-15	8.7E-14	6.6E-08	2.7E-06	8.2E-09	9.1E-07	1.1E-16	9.4E-15
Benzo(k)fluoranthene	5.3E-16	6.1E-09	3.6E-14	5.5E-09	6.5E-14	1.0E-09	1.8E-08	1.2E-10	5.9E-09	2.7E-10	7.0E-15

Table H-165 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				2.9E-16	1.2E-14	9.5E-06	4.0E-04	1.2E-06	1.3E-04	1.7E-13	1.5E-11
Chrysene	9.0E-14	9.7E-09	3.6E-12	8.8E-09	6.5E-12	4.4E-07	1.8E-05	5.5E-08	6.0E-06	4.3E-10	7.1E-13
Dibenze(a,h)anthracene	1.3E-14	1.7E-09	4.5E-13	1.5E-09	8.2E-13	1.6E-08	6.5E-07	2.0E-09	2.2E-07	7.6E-11	8.9E-14
Fluoranthene	2.4E-14	5.2E-15	1.0E-13	4.7E-15	1.9E-13	6.4E-07	2.7E-05	8.0E-08	8.9E-06	2.3E-16	2.1E-14
Fluorene	5.2E-15					1.6E-06	6.8E-05	2.0E-07	2.3E-05		
Indeno(1,2,3-cd)pyrene	3.2E-14	4.8E-09	1.3E-12	4.4E-09	2.4E-12	5.3E-08	2.2E-06	6.6E-09	7.3E-07	2.2E-10	2.5E-13
Napthalene	2.4E-15					1.3E-05	5.3E-04	1.6E-06	1.8E-04		
Perylene				1.1E-15	5.3E-14	4.0E-08	1.7E-06	4.9E-09	5.8E-07	5.5E-17	5.7E-15
Phenanthrene	2.5E-14					3.0E-06	1.2E-04	3.8E-07	4.1E-05		
Pyrene	1.7E-14	1.4E-14	2.9E-13	1.3E-14	5.3E-13	6.3E-07	2.6E-05	7.8E-08	8.7E-06	3.6E-13	3.3E-11
Particulate											
Particulate Total Suspended Particulate				2.6E-10	1.0E-08	2.0E-03	7.7E-02	2.5E-04	2.6E-02	1.3E-11	1.1E-09
PM<10				3.3E-10	1.4E-08	2.6E-03	1.0E-01	3.3E-04	3.5E-02	1.6E-11	1.5E-09
PM<2.5				2.7E-10	1.1E-08	2.3E-03	9.0E-02	2.8E-04	3.0E-02	1.3E-11	1.2E-09
PCBs											
Dichlorobiphenyl	5.2E-16	3.0E-17	6.0E-16	2.6E-17	1.0E-15	8.0E-09	3.3E-07	9.9E-10	1.1E-07	2.4E-15	2.1E-13
Heptachlorobiphenyl	2.0E-17	3.5E-18	6.7E-17	2.9E-18	1.1E-16	1.1E-10	4.4E-09	1.4E-11	1.5E-09	1.5E-16	1.3E-14
Hexachlorobiphenyl	7.9E-17	1.6E-17	2.8E-16	1.3E-17	4.8E-16	4.6E-10	1.8E-08	5.7E-11	5.9E-09	6.7E-16	5.3E-14
Monochlorobiphenyl	3.6E-15	2.1E-16	4.2E-15	1.8E-16	7.1E-15	5.5E-08	2.3E-06	6.9E-09	7.6E-07	1.7E-14	1.5E-12
Nonachlorobiphenyl	2.4E-18	6.1E-19	9.5E-18	5.2E-19	1.6E-17	1.5E-11	5.5E-10	1.9E-12	1.8E-10	2.6E-17	1.8E-15
Octachlorobiphenyl	5.8E-18	1.1E-18	2.0E-17	9.5E-19	3.5E-17	3.3E-11	1.3E-09	4.2E-12	4.3E-10	4.8E-17	3.9E-15
Pentachlorobiphenyl	2.6E-16	5.6E-17	9.6E-16	4.8E-17	1.6E-15	1.6E-09	5.9E-08	2.0E-10	2.0E-08	2.4E-15	1.8E-13
Tetrachlorobiphenyl	1.5E-16	1.2E-17	2.0E-16	9.8E-18	3.3E-16	2.6E-09	9.7E-08	3.2E-10	3.2E-08	9.1E-16	6.8E-14
Trichlorobiphenyl	2.0E-16	1.4E-17	2.5E-16	1.2E-17	4.2E-16	3.3E-09	1.3E-07	4.1E-10	4.2E-08	1.1E-15	8.6E-14

Table H-165 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				7.7E-09						2.4E-07	
Dieldrin		4.0E-11		4.8E-11						2.3E-12	
SVOCs											
1,2,4-trichlorobenzene						2.3E-08	7.4E-07	2.9E-09	2.5E-07		
1,2-dichlorobenzene	2.4E-19					9.3E-09	1.7E-07	1.2E-09	5.5E-08		
1,3-dichlorobenzene	5.9E-19					1.4E-08	4.7E-07	1.7E-09	1.6E-07		
1,4-dichlorobenzene	7.9E-18					1.3E-07	5.8E-06	1.6E-08	1.9E-06		
1,4-Dioxane						1.1E-02					
2,4-Dimethylphenol	2.2E-16					2.0E-06	8.1E-05	2.5E-07	2.7E-05		
2-Chlorophenol	1.1E-17					4.1E-07	1.8E-05	5.1E-08	5.9E-06		
2-Methylphenol	4.5E-15					4.8E-06	2.0E-04	6.0E-07	6.7E-05		
2-Nitrophenol	2.7E-17					6.5E-07	2.7E-05	8.1E-08	8.9E-06		
3-Methylphenol & 4-Methylphenol				3.2E-13	1.3E-11	8.6E-06	3.6E-04	1.1E-06	1.2E-04	1.5E-14	1.4E-12
4-Nitrophenol	5.6E-17					1.1E-06	4.1E-05	1.3E-07	1.4E-05		
Acetophenone	3.4E-16					1.0E-05	4.2E-04	1.3E-06	1.4E-04		
Benzoic acid	1.4E-15					4.6E-05	1.9E-03	5.8E-06	6.4E-04		
Benzyl alcohol	8.4E-19					3.9E-07	1.2E-05	4.8E-08	3.9E-06		
bis(2-Ethylhexyl) phthalate	4.2E-14	5.7E-13	1.0E-11	6.8E-13	2.4E-11	1.6E-05	6.3E-04	2.0E-06	2.1E-04	3.3E-14	2.6E-12
Butyl benzyl phthalate	1.5E-14	2.8E-16	5.7E-15	3.3E-16	1.3E-14	5.1E-07	2.1E-05	6.4E-08	7.1E-06	1.6E-17	1.5E-15
Carbazole				1.2E-15	2.2E-14	1.4E-08	2.6E-07	1.8E-09	8.6E-08	5.9E-17	2.4E-15
Dibenzofuran		1.2E-17	2.5E-16	4.8E-17	1.9E-15	8.2E-07	3.4E-05	1.0E-07	1.1E-05	2.1E-14	1.8E-12
Dimethyl phthalate	5.5E-18					2.9E-08	5.1E-07	3.6E-09	1.7E-07		
Di-n-butyl phthalate	1.4E-13	2.8E-16	5.7E-15	3.3E-16	1.4E-14	7.9E-07	3.3E-05	9.8E-08	1.1E-05	1.6E-17	1.5E-15

Table H-165 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.1E-18	8.0E-16	7.4E-15	9.5E-16	1.8E-14	5.5E-08	9.8E-07	6.9E-09	3.3E-07	4.7E-17	1.9E-15
Hexachlorobutadiene	5.8E-16					3.8E-06	6.8E-05	4.8E-07	2.3E-05		
Isopropanol						1.7E-01					
Phenol	1.3E-14					2.6E-05	1.1E-03	3.2E-06	3.6E-04		
Pyridine	6.6E-16					2.4E-06	1.0E-04	3.1E-07	3.4E-05		
TRS											
Total Reduced Sulfur						2.5E-05	1.1E-03	3.1E-06	3.6E-04		
VOCs											
1,1,1,2-Tetrachloroethane	2.3E-19					1.2E-08	3.9E-07	1.4E-09	1.3E-07		
1,1,1-Trichloroethane	1.5E-20					1.1E-08	4.3E-07	1.4E-09	1.4E-07		
1,1-Dichloroethene	5.1E-22					2.2E-09	4.0E-08	2.8E-10	1.3E-08		
1,2,3-Trichlorobenzene	1.6E-17					4.6E-08	1.7E-06	5.7E-09	5.7E-07		
1,2,3-Trichloropropane	9.3E-20					9.3E-09	1.7E-07	1.2E-09	5.5E-08		
1,2,4-Trimethylbenzene						5.3E-07	1.7E-05	6.7E-08	5.6E-06		
1,2-Dibromoethane	3.2E-20					5.9E-09	1.1E-07	7.4E-10	3.5E-08		
1,2-Dichloroethane	1.0E-18					2.4E-07	9.0E-06	8.6E-05	3.0E-06		
1,3,5-Trimethylbenzene	5.2E-18					5.0E-07	1.5E-05	6.3E-08	5.0E-06		
1,3-Dichloropropane						5.7E-09	1.0E-07	7.2E-10	3.4E-08		
2-Butanone	2.1E-16					2.8E-06	1.1E-04	3.5E-07	3.7E-05		
2-Chlorotoluene						1.3E-07	5.2E-06	1.6E-08	1.7E-06		
2-Hexanone						5.8E-07	2.1E-05	7.2E-08	7.0E-06		
Benzene	1.7E-16					5.5E-03	2.9E-03	8.3E-04	9.7E-04		
Bromobenzene						3.2E-06	5.7E-05	4.0E-07	1.9E-05		
Bromochloromethane						7.6E-09	1.3E-07	9.4E-10	4.5E-08		

Table H-165 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromodichloromethane	2.7E-20					8.2E-09	1.5E-07	1.0E-09	4.9E-08		
Bromomethane	1.1E-19					3.3E-07	9.8E-06	4.1E-08	3.3E-06		
Carbon disulfide	1.1E-19					2.9E-07	8.4E-06	3.6E-08	2.8E-06		
Carbon tetrachloride	1.2E-20					1.1E-02	3.3E-07	1.3E-03	1.1E-07		
Chlorobenzene	4.0E-18					4.1E-07	1.5E-05	5.2E-08	4.9E-06		
Chlorodibromomethane	1.6E-18					2.0E-07	3.6E-06	2.5E-08	1.2E-06		
Chloroethane	3.2E-19					7.8E-07	2.7E-05	9.8E-08	9.1E-06		
Chloroform	2.4E-19					3.7E-03	3.3E-06	2.1E-04	1.1E-06		
Chloromethane	8.4E-19					2.7E-06	8.0E-05	3.3E-07	2.7E-05		
cis-1,2-Dichloroethene	3.3E-19					3.4E-07	6.1E-06	4.3E-08	2.0E-06		
cis-1,3-Dichloropropene						2.1E-09	3.7E-08	2.6E-10	1.2E-08		
Dibromomethane	3.6E-20					1.7E-08	3.1E-07	2.2E-09	1.0E-07		
Dichlorodifluoromethane	4.0E-22					2.1E-08	3.8E-07	2.7E-09	1.3E-07		
Ethylbenzene	1.3E-16					3.1E-03	6.3E-04	2.1E-06	2.1E-04		
Isopropylbenzene	1.7E-19					1.4E-06	4.6E-05	1.7E-07	1.5E-05		
m&p-Xylene	2.0E-17					3.1E-06	1.1E-04	3.9E-07	3.5E-05		
Methyl Isobutyl Ketone (4-methyl-2-per	2.1E-19					3.1E-08	5.4E-07	3.8E-09	1.8E-07		
Methylene chloride	2.2E-18					1.5E-06	5.7E-05	1.9E-07	1.9E-05		
n-Butylbenzene						6.7E-07	2.0E-05	8.3E-08	6.6E-06		
n-Propylbenzene						8.0E-07	2.6E-05	1.0E-07	8.8E-06		
o-Xylene	2.4E-17					2.0E-06	6.5E-05	2.5E-07	2.2E-05		
p-Chlorotoluene						4.8E-08	1.4E-06	5.9E-09	4.8E-07		
p-Isopropyltoluene						3.3E-07	7.9E-06	4.1E-08	2.6E-06		
sec-Butylbenzene						1.2E-07	3.7E-06	1.5E-08	1.2E-06		

Table H-165 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Styrene	8.0E-16					4.4E-05	1.6E-03	5.5E-06	5.3E-04		
tert-Butylbenzene						3.9E-06	7.0E-05	4.9E-07	2.3E-05		
Tetrachloroethene	5.7E-20					1.0E-08	3.6E-07	1.3E-09	1.2E-07		
Toluene	1.3E-16					2.7E-05	1.1E-03	3.4E-06	3.5E-04		
trans-1,2-Dichloroethene	5.0E-18					7.2E-06	1.3E-04	9.1E-07	4.3E-05		
trans-1,3-Dichloropropene						3.6E-09	6.5E-08	4.5E-10	2.2E-08		
Trichloroethene	5.8E-22					8.6E-04	1.1E-08	7.8E-11	3.7E-09		
Trichlorofluoromethane	9.0E-22					7.5E-09	1.3E-07	9.4E-10	4.4E-08		
Vinyl chloride	4.1E-20					1.2E-03	1.0E-05	5.3E-08	3.4E-06		

Table H-166 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	3.0E-05	1.0E-07	9.9E-06		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	5.2E-05	1.8E-07	1.7E-05		
Formaldehyde	4.5E-13					6.2E-07	2.0E-05	7.7E-08	6.8E-06		
Propionaldehyde				2.2E-15	7.2E-14	1.6E-07	5.8E-06	2.0E-08	1.9E-06	1.7E-14	1.2E-12
CO											
Carbon monoxide						4.5E-05	1.7E-03	5.6E-06	5.6E-04		
CO2											
Carbon dioxide						1.4E-06	5.0E-05	1.8E-07	1.7E-05		
Criteria											
Sulfur Dioxide						3.8E-07	1.2E-05	4.7E-08	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	2.6E-14	5.5E-15	2.1E-13	8.5E-13	3.4E-11	1.1E-13	1.1E-11	2.7E-19	2.2E-17
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.6E-14	5.5E-15	2.1E-13	8.6E-13	3.4E-11	1.1E-13	1.1E-11	2.7E-19	2.2E-17
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	3.1E-15	6.4E-16	2.5E-14	1.1E-13	4.4E-12	1.4E-14	1.5E-12	3.1E-20	2.7E-18
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	3.0E-15	6.2E-16	2.4E-14	1.0E-13	4.1E-12	1.3E-14	1.4E-12	3.1E-20	2.6E-18
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	2.4E-14	4.9E-15	1.9E-13	8.3E-13	3.3E-11	1.0E-13	1.1E-11	2.4E-19	2.1E-17
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	6.2E-15	1.3E-15	4.9E-14	2.1E-13	8.7E-12	2.7E-14	2.9E-12	6.2E-20	5.3E-18
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	8.0E-15	1.6E-15	6.3E-14	2.7E-13	1.1E-11	3.4E-14	3.6E-12	7.9E-20	6.8E-18
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	9.8E-15	2.0E-15	7.7E-14	3.2E-13	1.3E-11	4.1E-14	4.4E-12	9.8E-20	8.3E-18
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	5.8E-16	1.2E-16	4.5E-15	2.1E-14	8.4E-13	2.6E-15	2.8E-13	5.7E-21	4.9E-19
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	3.5E-15	7.0E-16	2.8E-14	1.3E-13	5.3E-12	1.6E-14	1.8E-12	3.5E-20	3.0E-18
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	4.1E-15	8.3E-16	3.3E-14	1.8E-13	7.5E-12	2.3E-14	2.5E-12	4.0E-20	3.5E-18

Table H-166 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	1.2E-14	2.5E-15	9.5E-14	4.2E-13	1.7E-11	5.2E-14	5.6E-12	1.2E-19	1.0E-17
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	9.9E-15	2.0E-15	7.8E-14	4.1E-13	1.7E-11	5.2E-14	5.6E-12	9.7E-20	8.4E-18
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.2E-16	1.4E-16	4.1E-15	5.2E-14	1.7E-12	6.5E-15	5.8E-13	4.9E-18	3.1E-16
2,3,7,8-TCDF	8.0E-18	6.6E-17	1.3E-15	2.6E-16	1.0E-14	1.9E-13	7.8E-12	2.4E-14	2.6E-12	1.3E-20	1.1E-18
OCDD	1.8E-20	9.4E-16	1.7E-14	3.7E-15	1.4E-13	5.6E-13	2.2E-11	7.0E-14	7.4E-12	1.8E-19	1.5E-17
OCDF	6.7E-21	3.6E-16	6.5E-15	1.4E-15	5.1E-14	2.1E-13	8.2E-12	2.6E-14	2.7E-12	7.0E-20	5.5E-18
HCN											
Hydrogen cyanide						1.6E-07	6.2E-06	2.0E-08	2.1E-06		
Metals											
Aluminum				1.1E-02						5.3E-07	
Antimony	1.6E-17			2.6E-07		1.0E-08	2.6E-07	1.3E-09	8.6E-08	1.3E-11	
Arsenic	8.1E-16	6.0E-07	4.8E-17	1.4E-06	2.3E-16	5.9E-10	2.1E-08	7.4E-11	7.0E-09	1.2E-10	4.1E-20
Barium	2.3E-12			3.1E-09	1.1E-07	1.3E-07	3.4E-06	1.6E-08	1.1E-06	1.5E-13	1.2E-11
Beryllium	3.3E-17			1.0E-15	3.9E-14	4.3E-11	1.5E-09	5.4E-12	4.8E-10	5.1E-20	4.3E-18
Cadmium	8.3E-15			8.2E-16	3.1E-14	7.6E-10	2.6E-08	9.5E-11	8.8E-09	4.0E-20	3.4E-18
Chromium	2.6E-15			8.3E-11	3.2E-09	6.5E-09	2.3E-07	8.1E-10	7.7E-08	4.1E-15	3.5E-13
Cobalt				3.1E-05	1.0E-08	9.8E-09	1.8E-07	1.2E-09	6.0E-08	1.5E-09	1.1E-12
Copper				3.4E-10	1.3E-08	1.8E-08	6.1E-07	2.2E-09	2.0E-07	1.6E-14	1.4E-12
Iron				2.5E-02						1.2E-06	
Lead	6.9E-18			9.0E-05	3.8E-12	6.0E-09	2.0E-07	7.5E-10	6.5E-08	4.4E-09	4.1E-16
Manganese				8.0E-13	3.1E-11	5.5E-09	1.9E-07	6.8E-10	6.3E-08	3.9E-17	3.3E-15
Mercury (+2)				3.4E-14	1.1E-12	2.4E-11	8.3E-10	2.9E-12	2.8E-10	1.7E-18	1.1E-16
Mercury, elemental				9.8E-07		9.8E-14	3.5E-12	1.2E-14	1.2E-12	1.9E-06	
Methyl Mercury	8.7E-15			2.0E-15	7.9E-14					1.0E-19	8.5E-18

Table H-166 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.8E-04	1.6E-13	3.5E-09	1.2E-07	4.3E-10	4.0E-08	2.9E-08	1.7E-17
Phosphorus				7.5E-15	2.8E-13	2.6E-08	8.6E-07	3.3E-09	2.9E-07	7.2E-14	5.9E-12
Selenium	2.8E-16			4.0E-17	1.6E-15	1.7E-10	6.1E-09	2.2E-11	2.0E-09	2.0E-21	1.7E-19
Silver	2.1E-16			8.4E-13	3.1E-11	1.1E-10	3.7E-09	1.4E-11	1.2E-09	4.1E-17	3.4E-15
Thallium (Soluble Salts)				2.7E-07						1.3E-11	
Titanium				8.0E-15	3.2E-13	6.1E-11	2.3E-09	7.6E-12	7.6E-10	3.9E-19	3.5E-17
Zinc	4.1E-12			1.8E-13	6.5E-12	1.4E-07	3.9E-06	1.7E-08	1.3E-06	9.0E-18	7.0E-16
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	5.2E-05	2.0E-07	1.7E-05		
PAHs											
1-Methylnaphthalene		2.4E-16	4.9E-15	2.2E-16	8.9E-15	3.3E-08	1.4E-06	4.1E-09	4.6E-07	2.5E-16	2.2E-14
1-Methylphenanthrene				1.5E-13	6.0E-12	3.9E-09	1.7E-07	4.9E-10	5.5E-08	7.1E-18	6.5E-16
2,3,5-Trimethylnaphthalene				6.8E-14	3.0E-12	1.9E-09	8.4E-08	2.4E-10	2.8E-08	3.3E-18	3.2E-16
2,6-Dimethylnaphthalene				1.9E-13	7.9E-12	5.1E-09	2.2E-07	6.4E-10	7.3E-08	9.1E-18	8.5E-16
2-Methylnaphthalene		2.3E-16	4.7E-15	2.1E-16	8.6E-15	3.2E-08	1.3E-06	4.0E-09	4.4E-07	2.4E-16	2.2E-14
Acenaphthylene				6.0E-13	2.5E-11	1.9E-08	8.0E-07	2.4E-09	2.7E-07	2.9E-17	2.7E-15
Acenaphthene	3.4E-15					3.5E-09	1.4E-07	4.3E-10	4.8E-08		
Anthracene	4.3E-14					6.1E-09	2.6E-07	7.6E-10	8.6E-08		
Benzo(a)anthracene	6.2E-12	9.0E-08	4.4E-11	8.1E-08	8.0E-11	3.0E-09	1.3E-07	3.7E-10	4.3E-08	1.2E-09	2.7E-12
Benzo(a)pyrene	3.1E-12	8.5E-08	1.8E-11	7.7E-08	3.3E-11	1.2E-09	4.9E-08	1.5E-10	1.6E-08	3.8E-12	3.6E-15
Benzo(b)fluoranthene	8.3E-13	1.3E-07	1.0E-12	1.2E-07	1.8E-12	1.3E-09	5.3E-08	1.6E-10	1.8E-08	5.9E-12	2.0E-16
Benzo(e)pyrene				3.4E-14	1.3E-12	1.0E-09	4.1E-08	1.3E-10	1.4E-08	1.7E-18	1.4E-16
Benzo(g,h,i)perylene				2.5E-14	1.0E-12	7.7E-10	3.2E-08	9.6E-11	1.1E-08	1.2E-18	1.1E-16
Benzo(k)fluoranthene	7.4E-15	7.1E-08	6.4E-13	6.4E-08	1.2E-12	1.2E-11	2.1E-10	1.5E-12	6.9E-11	3.1E-12	1.3E-16

Table H-166 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	1.4E-13	1.1E-07	4.7E-06	1.4E-08	1.6E-06	2.0E-15	1.8E-13
Chrysene	1.1E-12	1.1E-07	5.5E-11	1.0E-07	9.9E-11	5.1E-09	2.1E-07	6.4E-10	7.1E-08	5.0E-12	1.1E-14
Dibenze(a,h)anthracene	1.6E-13	2.0E-08	6.7E-12	1.8E-08	1.2E-11	1.9E-10	7.6E-09	2.3E-11	2.5E-09	8.8E-13	1.3E-15
Fluoranthene	2.8E-13	6.7E-14	1.4E-12	6.1E-14	2.5E-12	7.5E-09	3.1E-07	9.4E-10	1.0E-07	3.0E-18	2.7E-16
Fluorene	6.1E-14					1.9E-08	7.9E-07	2.3E-09	2.6E-07		
Indeno(1,2,3-cd)pyrene	4.0E-13	5.7E-08	1.8E-11	5.1E-08	3.3E-11	6.2E-10	2.5E-08	7.7E-11	8.5E-09	2.5E-12	3.6E-15
Napthalene	2.8E-14					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Perylene				1.3E-14	6.2E-13	4.6E-10	2.0E-08	5.8E-11	6.8E-09	6.5E-19	6.6E-17
Phenanthrene	2.9E-13					3.5E-08	1.5E-06	4.4E-09	4.8E-07		
Pyrene	2.0E-13	2.5E-13	5.1E-12	2.3E-13	9.3E-12	7.3E-09	3.0E-07	9.1E-10	1.0E-07	6.4E-15	5.8E-13
Particulate											
Particulate Total Suspended Particulate				3.0E-09	1.2E-07	2.3E-05	9.0E-04	2.9E-06	3.0E-04	1.5E-13	1.3E-11
PM<10				3.8E-09	1.6E-07	3.1E-05	1.2E-03	3.9E-06	4.0E-04	1.9E-13	1.7E-11
PM<2.5				3.2E-09	1.3E-07	2.6E-05	1.0E-03	3.3E-06	3.5E-04	1.6E-13	1.4E-11
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	1.3E-14	5.5E-16	2.2E-14	9.3E-11	3.8E-09	1.2E-11	1.3E-09	5.1E-17	4.5E-15
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.4E-15	6.3E-17	2.4E-15	1.3E-12	5.1E-11	1.6E-13	1.7E-11	3.2E-18	2.7E-16
Hexachlorobiphenyl	9.3E-16	3.4E-16	6.1E-15	2.9E-16	1.0E-14	5.3E-12	2.1E-10	6.7E-13	6.9E-11	1.5E-17	1.1E-15
Monochlorobiphenyl	4.3E-14	4.5E-15	9.0E-14	3.8E-15	1.5E-13	6.5E-10	2.7E-08	8.1E-11	8.9E-09	3.5E-16	3.1E-14
Nonachlorobiphenyl	2.9E-17	1.3E-17	2.1E-16	1.1E-17	3.5E-16	1.8E-13	6.4E-12	2.2E-14	2.1E-12	5.7E-19	3.9E-17
Octachlorobiphenyl	6.8E-17	2.4E-17	4.4E-16	2.0E-17	7.5E-16	3.9E-13	1.5E-11	4.9E-14	5.1E-12	1.0E-18	8.4E-17
Pentachlorobiphenyl	3.1E-15	1.2E-15	2.1E-14	1.0E-15	3.5E-14	1.8E-11	6.9E-10	2.3E-12	2.3E-10	5.2E-17	3.9E-15
Tetrachlorobiphenyl	1.8E-15	2.5E-16	4.2E-15	2.1E-16	7.1E-15	3.0E-11	1.1E-09	3.8E-12	3.8E-10	2.0E-17	1.5E-15
Trichlorobiphenyl	2.4E-15	3.0E-16	5.3E-15	2.5E-16	9.0E-15	3.8E-11	1.5E-09	4.8E-12	4.9E-10	2.3E-17	1.8E-15

Table H-166 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				9.0E-08						2.9E-09	
Dieldrin		4.7E-10		5.6E-10						2.7E-14	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	8.7E-09	3.4E-11	2.9E-09		
1,2-dichlorobenzene	2.8E-18					1.1E-10	1.9E-09	1.4E-11	6.5E-10		
1,3-dichlorobenzene	6.9E-18					1.6E-10	5.5E-09	2.0E-11	1.8E-09		
1,4-dichlorobenzene	9.2E-17					1.5E-09	6.8E-08	1.9E-10	2.3E-08		
1,4-Dioxane						1.3E-04					
2,4-Dimethylphenol	2.5E-15					2.4E-08	9.5E-07	3.0E-09	3.2E-07		
2-Chlorophenol	1.3E-16					4.7E-09	2.1E-07	5.9E-10	6.9E-08		
2-Methylphenol	5.3E-14					5.6E-08	2.3E-06	7.0E-09	7.8E-07		
2-Nitrophenol	3.2E-16					7.6E-09	3.1E-07	9.4E-10	1.0E-07		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.5E-10	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.8E-16	1.7E-14
4-Nitrophenol	6.5E-16					1.3E-08	4.8E-07	1.6E-09	1.6E-07		
Acetophenone	3.9E-15					1.2E-07	4.9E-06	1.5E-08	1.6E-06		
Benzoic acid	1.6E-14					5.4E-07	2.2E-05	6.7E-08	7.5E-06		
Benzyl alcohol	9.8E-18					4.5E-09	1.4E-07	5.6E-10	4.5E-08		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	1.2E-10	8.0E-12	2.9E-10	1.9E-07	7.4E-06	2.4E-08	2.5E-06	3.9E-16	3.1E-14
Butyl benzyl phthalate	1.8E-13	3.3E-15	6.6E-14	3.8E-15	1.6E-13	6.0E-09	2.5E-07	7.5E-10	8.3E-08	1.9E-19	1.7E-17
Carbazole				1.4E-14	2.6E-13	1.7E-10	3.0E-09	2.1E-11	1.0E-09	6.9E-19	2.8E-17
Dibenzofuran		1.4E-16	2.9E-15	5.7E-16	2.3E-14	9.5E-09	3.9E-07	1.2E-09	1.3E-07	2.4E-16	2.1E-14
Dimethyl phthalate	6.5E-17					3.3E-10	5.9E-09	4.2E-11	2.0E-09		
Di-n-butyl phthalate	1.7E-12	3.3E-15	6.7E-14	3.9E-15	1.6E-13	9.2E-09	3.8E-07	1.1E-09	1.3E-07	1.9E-19	1.7E-17

Table H-166 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	8.7E-14	1.1E-14	2.1E-13	6.4E-10	1.1E-08	8.0E-11	3.8E-09	5.5E-19	2.2E-17
Hexachlorobutadiene	6.7E-15					4.4E-08	7.9E-07	5.5E-09	2.6E-07		
Isopropanol						2.0E-03					
Phenol	1.5E-13					3.0E-07	1.2E-05	3.8E-08	4.2E-06		
Pyridine	7.7E-15					2.9E-08	1.2E-06	3.6E-09	4.0E-07		
TRS											
Total Reduced Sulfur						2.9E-07	1.3E-05	3.6E-08	4.2E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	4.6E-09	1.7E-11	1.5E-09		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	5.0E-09	1.7E-11	1.7E-09		
1,1-Dichloroethene	6.0E-21					2.6E-11	4.6E-10	3.2E-12	1.5E-10		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	2.0E-08	6.7E-11	6.6E-09		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	1.9E-09	1.4E-11	6.4E-10		
1,2,4-Trimethylbenzene						6.2E-09	2.0E-07	7.8E-10	6.6E-08		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.2E-09	8.6E-12	4.1E-10		
1,2-Dichloroethane	1.2E-17					2.8E-09	1.0E-07	1.0E-06	3.5E-08		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.7E-07	7.3E-10	5.8E-08		
1,3-Dichloropropane						6.7E-11	1.2E-09	8.4E-12	4.0E-10		
2-Butanone	2.4E-15					3.3E-08	1.3E-06	4.1E-09	4.4E-07		
2-Chlorotoluene						1.5E-09	6.1E-08	1.8E-10	2.0E-08		
2-Hexanone						6.8E-09	2.5E-07	8.4E-10	8.2E-08		
Benzene	2.0E-15					6.4E-05	3.4E-05	9.7E-06	1.1E-05		
Bromobenzene						3.7E-08	6.6E-07	4.7E-09	2.2E-07		
Bromochloromethane						8.8E-11	1.6E-09	1.1E-11	5.2E-10		

Table H-166 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromodichloromethane	3.1E-19					9.5E-11	1.7E-09	1.2E-11	5.7E-10		
Bromomethane	1.3E-18					3.8E-09	1.1E-07	4.8E-10	3.8E-08		
Carbon disulfide	1.3E-18					3.3E-09	9.8E-08	4.2E-10	3.3E-08		
Carbon tetrachloride	1.3E-19					1.3E-04	3.9E-09	1.5E-05	1.3E-09		
Chlorobenzene	4.7E-17					4.8E-09	1.7E-07	6.0E-10	5.7E-08		
Chlorodibromomethane	1.8E-17					2.4E-09	4.2E-08	3.0E-10	1.4E-08		
Chloroethane	3.7E-18					9.1E-09	3.2E-07	1.1E-09	1.1E-07		
Chloroform	2.8E-18					4.3E-05	3.8E-08	2.4E-06	1.3E-08		
Chloromethane	9.8E-18					3.1E-08	9.4E-07	3.9E-09	3.1E-07		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	7.1E-08	5.0E-10	2.4E-08		
cis-1,3-Dichloropropene						2.4E-11	4.3E-10	3.0E-12	1.4E-10		
Dibromomethane	4.2E-19					2.0E-10	3.6E-09	2.5E-11	1.2E-09		
Dichlorodifluoromethane	4.7E-21					2.5E-10	4.4E-09	3.1E-11	1.5E-09		
Ethylbenzene	1.5E-15					3.7E-05	7.4E-06	2.4E-08	2.5E-06		
Isopropylbenzene	2.0E-18					1.6E-08	5.4E-07	2.0E-09	1.8E-07		
m&p-Xylene	2.4E-16					3.6E-08	1.2E-06	4.6E-09	4.1E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	6.4E-09	4.5E-11	2.1E-09		
Methylene chloride	2.6E-17					1.8E-08	6.6E-07	2.3E-09	2.2E-07		
n-Butylbenzene						7.8E-09	2.3E-07	9.7E-10	7.7E-08		
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07		
o-Xylene	2.8E-16					2.3E-08	7.6E-07	2.9E-09	2.5E-07		
p-Chlorotoluene						5.5E-10	1.7E-08	6.9E-11	5.6E-09		
p-Isopropyltoluene						3.8E-09	9.2E-08	4.8E-10	3.1E-08		
sec-Butylbenzene						1.4E-09	4.3E-08	1.8E-10	1.4E-08		

Table H-166 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)
Styrene	9.4E-15					5.1E-07	1.9E-05	6.4E-08	6.2E-06			
tert-Butylbenzene						4.6E-08	8.1E-07	5.7E-09	2.7E-07			
Tetrachloroethene	6.6E-19					1.2E-10	4.2E-09	1.5E-11	1.4E-09			
Toluene	1.6E-15					3.2E-07	1.2E-05	3.9E-08	4.1E-06			
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	1.5E-06	1.1E-08	5.0E-07			
trans-1,3-Dichloropropene						4.2E-11	7.5E-10	5.3E-12	2.5E-10			
Trichloroethene	6.8E-21					1.0E-05	1.3E-10	9.1E-13	4.3E-11			
Trichlorofluoromethane	1.0E-20					8.7E-11	1.6E-09	1.1E-11	5.2E-10			
Vinyl chloride	4.8E-19					1.4E-05	1.2E-07	6.2E-10	4.0E-08			

Table H-167 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			7.2E-05	9.0E-06	
Aldehydes					
Acetaldehyde			1.2E-04	1.6E-05	
Formaldehyde			4.1E-01	6.6E-06	
Propionaldehyde		1.9E-16	1.4E-05	1.7E-06	1.4E-12
CO					
Carbon monoxide			3.8E-03	4.8E-04	
CO2					
Carbon dioxide			1.2E-04	1.5E-05	
Criteria					
Sulfur Dioxide			3.2E-05	4.1E-06	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	6.4E-17	2.5E-16	7.3E-11	9.1E-12	1.2E-17
1,2,3,4,6,7,8-HpCDF	6.5E-17	2.6E-16	7.3E-11	9.2E-12	1.3E-17
1,2,3,4,7,8,9-HpCDF	7.5E-18	2.9E-17	9.3E-12	1.2E-12	1.4E-18
1,2,3,4,7,8-HxCDD	7.3E-18	2.9E-17	8.7E-12	1.1E-12	1.4E-18
1,2,3,4,7,8-HxCDF	5.8E-17	2.3E-16	7.1E-11	8.9E-12	1.1E-17
1,2,3,6,7,8-HxCDD	1.5E-17	5.9E-17	1.8E-11	2.3E-12	2.9E-18
1,2,3,6,7,8-HxCDF	1.9E-17	7.5E-17	2.3E-11	2.9E-12	3.7E-18
1,2,3,7,8,9-HxCDD	2.4E-17	9.3E-17	2.8E-11	3.5E-12	4.5E-18
1,2,3,7,8,9-HxCDF	1.4E-18	5.4E-18	1.8E-12	2.2E-13	2.6E-19

Table H-167 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	8.3E-18	3.3E-17	1.1E-11	1.4E-12	1.6E-18
1,2,3,7,8-PeCDF	9.7E-18	3.8E-17	1.6E-11	2.0E-12	1.9E-18
2,3,4,6,7,8-HxCDF	3.0E-17	1.2E-16	3.6E-11	4.5E-12	5.7E-18
2,3,4,7,8-PeCDF	2.3E-17	9.2E-17	3.5E-11	4.4E-12	4.5E-18
2,3,7,8-TCDD	1.7E-18	6.7E-18	4.4E-12	5.6E-13	2.3E-16
2,3,7,8-TCDF	3.1E-18	1.2E-17	1.6E-11	2.0E-12	6.0E-19
OCDD	4.4E-17	1.7E-16	4.8E-11	6.0E-12	8.4E-18
OCDF	1.7E-17	6.6E-17	1.8E-11	2.3E-12	3.2E-18
HCN					
Hydrogen cyanide			1.4E-05	1.7E-06	
Metals					
Aluminum		9.9E-04			4.9E-05
Antimony		6.6E-08	8.9E-07	1.1E-07	3.2E-09
Arsenic	2.3E-07	5.5E-07	5.1E-08	6.4E-09	4.5E-08
Barium		1.5E-10	1.1E-05	1.3E-06	7.5E-12
Beryllium		9.0E-17	3.7E-09	4.6E-10	4.4E-18
Cadmium		7.0E-17	6.5E-08	8.1E-09	3.4E-18
Chromium		4.6E-12	5.5E-07	6.9E-08	2.2E-13
Cobalt		2.8E-06	8.4E-07	1.1E-07	1.4E-07
Copper		1.7E-11	1.5E-06	1.9E-07	8.2E-13
Iron		2.3E-03			1.2E-04
Lead		9.5E-06	5.1E-07	6.4E-08	4.7E-07

Table H-167 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		6.8E-14	4.7E-07	5.8E-08	3.3E-15
Mercury (+2)		1.5E-15	2.0E-09	2.5E-10	7.2E-17
Mercury, elemental		2.3E-09	8.4E-12	1.1E-12	4.4E-06
Methyl Mercury		8.7E-17			4.3E-18
Nickel		4.8E-05	3.0E-07	3.7E-08	2.3E-06
Phosphorus		6.4E-16	2.3E-06	2.8E-07	6.2E-12
Selenium		3.5E-18	1.5E-08	1.9E-09	1.7E-19
Silver		5.6E-14	9.8E-09	1.2E-09	2.7E-15
Thallium (Soluble Salts)		7.0E-09			3.4E-10
Titanium		6.9E-16	5.2E-09	6.5E-10	3.4E-17
Zinc		1.6E-14	1.2E-05	1.5E-06	7.7E-16
NOx					
NOx (Oxides of Nitrogen)			1.3E-04	1.7E-05	
PAHs					
1-Methylnaphthalene	2.0E-17	1.9E-17	2.8E-06	3.5E-07	2.1E-14
1-Methylphenanthrene		1.2E-14	3.4E-07	4.2E-08	6.1E-16
2,3,5-Trimethylnaphthalene		5.8E-15	1.7E-07	2.1E-08	2.8E-16
2,6-Dimethylnaphthalene		1.6E-14	4.4E-07	5.5E-08	7.8E-16
2-Methylnaphthalene	2.0E-17	1.8E-17	2.7E-06	3.4E-07	2.1E-14
Acenaphthylene		5.1E-14	1.6E-06	2.0E-07	2.5E-15
Acenaphthene			3.0E-07	3.7E-08	
Anthracene			5.2E-07	6.5E-08	

Table H-167 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)anthracene	1.4E-08	1.3E-08	2.6E-07	3.2E-08	1.9E-07
Benzo(a)pyrene	1.5E-08	1.3E-08	1.0E-07	1.3E-08	6.5E-10
Benzo(b)fluoranthene	2.6E-08	2.3E-08	1.1E-07	1.4E-08	1.2E-09
Benzo(e)pyrene		2.9E-15	8.6E-08	1.1E-08	1.4E-16
Benzo(g,h,i)perylene		2.1E-15	6.6E-08	8.2E-09	1.1E-16
Benzo(k)fluoranthene	1.0E-08	9.5E-09	1.0E-09	1.2E-10	4.7E-10
Biphenyl		2.9E-16	9.5E-06	1.2E-06	1.7E-13
Chrysene	2.0E-08	1.8E-08	4.4E-07	5.5E-08	9.0E-10
Dibenzo(a,h)anthracene	2.3E-14	2.1E-14	1.6E-08	2.0E-09	1.0E-15
Fluoranthene	5.2E-15	4.7E-15	6.4E-07	8.0E-08	2.3E-16
Fluorene			1.6E-06	2.0E-07	
Indeno(1,2,3-cd)pyrene	8.1E-09	7.3E-09	5.3E-08	6.6E-09	3.6E-10
Napthalene			1.3E-05	1.6E-06	
Perylene		1.1E-15	4.0E-08	4.9E-09	5.5E-17
Phenanthrene			3.0E-06	3.8E-07	
Pyrene	1.4E-14	1.3E-14	6.3E-07	7.8E-08	3.6E-13
Particulate					
Particulate Total Suspended Particulate		2.6E-10	2.0E-03	2.5E-04	1.3E-11
PM<10		3.3E-10	2.6E-03	3.3E-04	1.6E-11
PM<2.5		2.7E-10	2.3E-03	2.8E-04	1.3E-11
PCBs					
Dichlorobiphenyl	3.0E-17	2.6E-17	8.0E-09	9.9E-10	2.4E-15

Table H-167 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Heptachlorobiphenyl	3.5E-18	2.9E-18	1.1E-10	1.4E-11	1.5E-16
Hexachlorobiphenyl	1.6E-17	1.3E-17	4.6E-10	5.7E-11	6.7E-16
Monochlorobiphenyl	2.1E-16	1.8E-16	5.5E-08	6.9E-09	1.7E-14
Nonachlorobiphenyl	6.1E-19	5.2E-19	1.5E-11	1.9E-12	2.6E-17
Octachlorobiphenyl	1.1E-18	9.5E-19	3.3E-11	4.2E-12	4.8E-17
Pentachlorobiphenyl	5.6E-17	4.8E-17	1.6E-09	2.0E-10	2.4E-15
Tetrachlorobiphenyl	1.2E-17	9.8E-18	2.6E-09	3.2E-10	9.1E-16
Trichlorobiphenyl	1.4E-17	1.2E-17	3.3E-09	4.1E-10	1.1E-15
Pesticides					
DDE		5.9E-07			1.9E-05
Dieldrin	2.3E-09	2.7E-09			1.3E-10
SVOCs					
1,2,4-trichlorobenzene			2.3E-08	2.9E-09	
1,2-dichlorobenzene			9.3E-09	1.2E-09	
1,3-dichlorobenzene			1.4E-08	1.7E-09	
1,4-dichlorobenzene			1.3E-07	1.6E-08	
2,4-Dimethylphenol			2.0E-06	2.5E-07	
2-Chlorophenol			4.1E-07	5.1E-08	
2-Methylphenol			4.8E-06	6.0E-07	
2-Nitrophenol			6.5E-07	8.1E-08	
3-Methylphenol & 4-Methylphenol		3.2E-13	8.6E-06	1.1E-06	1.5E-14
4-Nitrophenol			1.1E-06	1.3E-07	

Table H-167 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			1.0E-05	1.3E-06	
Benzoic acid			4.6E-05	5.8E-06	
Benzyl alcohol			3.9E-07	4.8E-08	
bis(2-Ethylhexyl) phthalate	5.7E-13	6.8E-13	1.6E-05	2.0E-06	3.3E-14
Butyl benzyl phthalate	2.8E-16	3.3E-16	5.1E-07	6.4E-08	1.6E-17
Carbazole		1.2E-15	1.4E-08	1.8E-09	5.9E-17
Dibenzofuran	1.2E-17	4.8E-17	8.2E-07	1.0E-07	2.1E-14
Dimethyl phthalate			2.9E-08	3.6E-09	
Di-n-butyl phthalate	2.8E-16	3.3E-16	7.9E-07	9.8E-08	1.6E-17
Di-n-octyl phthalate	8.0E-16	9.5E-16	5.5E-08	6.9E-09	4.7E-17
Hexachlorobutadiene			3.8E-06	4.8E-07	
Isopropanol			5.1E-01		
Phenol			2.6E-05	3.2E-06	
Pyridine			2.4E-06	3.1E-07	
TRS					
Total Reduced Sulfur			2.5E-05	3.1E-06	
VOCs					
1,1,1,2-Tetrachloroethane			1.2E-08	1.4E-09	
1,1,1-Trichloroethane			1.1E-08	1.4E-09	
1,1-Dichloroethene			2.2E-09	2.8E-10	
1,2,3-Trichlorobenzene			4.6E-08	5.7E-09	
1,2,3-Trichloropropane			9.3E-09	1.2E-09	

Table H-167 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			5.3E-07	6.7E-08	
1,2-Dibromoethane			5.9E-09	7.4E-10	
1,2-Dichloroethane			2.0E-03	8.6E-05	
1,3,5-Trimethylbenzene			5.0E-07	6.3E-08	
1,3-Dichloropropane			5.7E-09	7.2E-10	
2-Butanone			2.8E-06	3.5E-07	
2-Chlorotoluene			1.3E-07	1.6E-08	
2-Hexanone			5.8E-07	7.2E-08	
Benzene			7.0E-02	8.3E-04	
Bromobenzene			3.2E-06	4.0E-07	
Bromochloromethane			7.6E-09	9.4E-10	
Bromodichloromethane			8.2E-09	1.0E-09	
Bromomethane			3.3E-07	4.1E-08	
Carbon disulfide			2.9E-07	3.6E-08	
Carbon tetrachloride			1.3E-02	1.3E-03	
Chlorobenzene			4.1E-07	5.2E-08	
Chlorodibromomethane			2.0E-07	2.5E-08	
Chloroethane			7.8E-07	9.8E-08	
Chloroform			3.1E-03	2.1E-04	
Chloromethane			2.7E-06	3.3E-07	
cis-1,2-Dichloroethene			3.4E-07	4.3E-08	
cis-1,3-Dichloropropene			2.1E-09	2.6E-10	

Table H-167 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			1.7E-08	2.2E-09	
Dichlorodifluoromethane			2.1E-08	2.7E-09	
Ethylbenzene			1.8E-02	2.1E-06	
Isopropylbenzene			1.4E-06	1.7E-07	
m&p-Xylene			3.1E-06	3.9E-07	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.1E-08	3.8E-09	
Methylene chloride			1.5E-06	1.9E-07	
n-Butylbenzene			6.7E-07	8.3E-08	
n-Propylbenzene			8.0E-07	1.0E-07	
o-Xylene			2.0E-06	2.5E-07	
p-Chlorotoluene			4.8E-08	5.9E-09	
p-Isopropyltoluene			3.3E-07	4.1E-08	
sec-Butylbenzene			1.2E-07	1.5E-08	
Styrene			4.4E-05	5.5E-06	
tert-Butylbenzene			3.9E-06	4.9E-07	
Tetrachloroethene			1.0E-08	1.3E-09	
Toluene			2.7E-05	3.4E-06	
trans-1,2-Dichloroethene			7.2E-06	9.1E-07	
trans-1,3-Dichloropropene			3.6E-09	4.5E-10	
Trichloroethene			4.3E-04	7.8E-11	
Trichlorofluoromethane			7.5E-09	9.4E-10	
Vinyl chloride			4.2E-07	5.3E-08	

Table H-168 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			8.4E-07	1.0E-07	
Aldehydes					
Acetaldehyde			1.4E-06	1.8E-07	
Formaldehyde			4.8E-03	7.7E-08	
Propionaldehyde		2.2E-15	1.6E-07	2.0E-08	1.7E-14
CO					
Carbon monoxide			4.5E-05	5.6E-06	
CO2					
Carbon dioxide			1.4E-06	1.8E-07	
Criteria					
Sulfur Dioxide			3.8E-07	4.7E-08	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	1.4E-15	5.5E-15	8.5E-13	1.1E-13	2.7E-19
1,2,3,4,6,7,8-HpCDF	1.4E-15	5.5E-15	8.6E-13	1.1E-13	2.7E-19
1,2,3,4,7,8,9-HpCDF	1.6E-16	6.4E-16	1.1E-13	1.4E-14	3.1E-20
1,2,3,4,7,8-HxCDD	1.6E-16	6.2E-16	1.0E-13	1.3E-14	3.1E-20
1,2,3,4,7,8-HxCDF	1.3E-15	4.9E-15	8.3E-13	1.0E-13	2.4E-19
1,2,3,6,7,8-HxCDD	3.2E-16	1.3E-15	2.1E-13	2.7E-14	6.2E-20
1,2,3,6,7,8-HxCDF	4.1E-16	1.6E-15	2.7E-13	3.4E-14	7.9E-20
1,2,3,7,8,9-HxCDD	5.1E-16	2.0E-15	3.2E-13	4.1E-14	9.8E-20
1,2,3,7,8,9-HxCDF	2.9E-17	1.2E-16	2.1E-14	2.6E-15	5.7E-21

Table H-168 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	1.8E-16	7.0E-16	1.3E-13	1.6E-14	3.5E-20
1,2,3,7,8-PeCDF	2.1E-16	8.3E-16	1.8E-13	2.3E-14	4.0E-20
2,3,4,6,7,8-HxCDF	6.4E-16	2.5E-15	4.2E-13	5.2E-14	1.2E-19
2,3,4,7,8-PeCDF	5.0E-16	2.0E-15	4.1E-13	5.2E-14	9.7E-20
2,3,7,8-TCDD	3.6E-17	1.4E-16	5.2E-14	6.5E-15	4.9E-18
2,3,7,8-TCDF	6.6E-17	2.6E-16	1.9E-13	2.4E-14	1.3E-20
OCDD	9.4E-16	3.7E-15	5.6E-13	7.0E-14	1.8E-19
OCDF	3.6E-16	1.4E-15	2.1E-13	2.6E-14	7.0E-20
HCN					
Hydrogen cyanide			1.6E-07	2.0E-08	
Metals					
Aluminum		1.2E-02			5.7E-07
Antimony		7.7E-07	1.0E-08	1.3E-09	3.8E-11
Arsenic	2.7E-06	6.4E-06	5.9E-10	7.4E-11	5.2E-10
Barium		3.1E-09	1.3E-07	1.6E-08	1.5E-13
Beryllium		1.0E-15	4.3E-11	5.4E-12	5.1E-20
Cadmium		8.2E-16	7.6E-10	9.5E-11	4.0E-20
Chromium		8.3E-11	6.5E-09	8.1E-10	4.1E-15
Cobalt		3.3E-05	9.8E-09	1.2E-09	1.6E-09
Copper		3.4E-10	1.8E-08	2.2E-09	1.6E-14
Iron		2.7E-02			1.3E-06
Lead		1.1E-04	6.0E-09	7.5E-10	5.5E-09

Table H-168 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		8.0E-13	5.5E-09	6.8E-10	3.9E-17
Mercury (+2)		3.4E-14	2.4E-11	2.9E-12	1.7E-18
Mercury, elemental		2.7E-08	9.8E-14	1.2E-14	5.2E-08
Methyl Mercury		2.0E-15			1.0E-19
Nickel		5.6E-04	3.5E-09	4.3E-10	2.7E-08
Phosphorus		7.5E-15	2.6E-08	3.3E-09	7.2E-14
Selenium		4.0E-17	1.7E-10	2.2E-11	2.0E-21
Silver		8.4E-13	1.1E-10	1.4E-11	4.1E-17
Thallium (Soluble Salts)		8.1E-08			4.0E-12
Titanium		8.0E-15	6.1E-11	7.6E-12	3.9E-19
Zinc		1.8E-13	1.4E-07	1.7E-08	9.0E-18
NOx					
NOx (Oxides of Nitrogen)			1.6E-06	2.0E-07	
PAHs					
1-Methylnaphthalene	2.4E-16	2.2E-16	3.3E-08	4.1E-09	2.5E-16
1-Methylphenanthrene		1.5E-13	3.9E-09	4.9E-10	7.1E-18
2,3,5-Trimethylnaphthalene		6.8E-14	1.9E-09	2.4E-10	3.3E-18
2,6-Dimethylnaphthalene		1.9E-13	5.1E-09	6.4E-10	9.1E-18
2-Methylnaphthalene	2.3E-16	2.1E-16	3.2E-08	4.0E-09	2.4E-16
Acenaphthylene		6.0E-13	1.9E-08	2.4E-09	2.9E-17
Acenaphthene			3.5E-09	4.3E-10	
Anthracene			6.1E-09	7.6E-10	

Table H-168 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)anthracene	1.6E-07	1.5E-07	3.0E-09	3.7E-10	2.3E-09
Benzo(a)pyrene	1.7E-07	1.5E-07	1.2E-09	1.5E-10	7.6E-12
Benzo(b)fluoranthene	3.0E-07	2.7E-07	1.3E-09	1.6E-10	1.3E-11
Benzo(e)pyrene		3.4E-14	1.0E-09	1.3E-10	1.7E-18
Benzo(g,h,i)perylene		2.5E-14	7.7E-10	9.6E-11	1.2E-18
Benzo(k)fluoranthene	1.2E-07	1.1E-07	1.2E-11	1.5E-12	5.5E-12
Biphenyl		3.3E-15	1.1E-07	1.4E-08	2.0E-15
Chrysene	2.4E-07	2.1E-07	5.1E-09	6.4E-10	1.0E-11
Dibenzo(a,h)anthracene	3.4E-13	3.1E-13	1.9E-10	2.3E-11	1.5E-17
Fluoranthene	6.7E-14	6.1E-14	7.5E-09	9.4E-10	3.0E-18
Fluorene			1.9E-08	2.3E-09	
Indeno(1,2,3-cd)pyrene	9.4E-08	8.6E-08	6.2E-10	7.7E-11	4.2E-12
Napthalene			1.5E-07	1.9E-08	
Perylene		1.3E-14	4.6E-10	5.8E-11	6.5E-19
Phenanthrene			3.5E-08	4.4E-09	
Pyrene	2.5E-13	2.3E-13	7.3E-09	9.1E-10	6.4E-15
Particulate					
Particulate Total Suspended Particulate		3.0E-09	2.3E-05	2.9E-06	1.5E-13
PM<10		3.8E-09	3.1E-05	3.9E-06	1.9E-13
PM<2.5		3.2E-09	2.6E-05	3.3E-06	1.6E-13
PCBs					
Dichlorobiphenyl	6.5E-16	5.5E-16	9.3E-11	1.2E-11	5.1E-17

Table H-168 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Heptachlorobiphenyl	7.5E-17	6.3E-17	1.3E-12	1.6E-13	3.2E-18
Hexachlorobiphenyl	3.4E-16	2.9E-16	5.3E-12	6.7E-13	1.5E-17
Monochlorobiphenyl	4.5E-15	3.8E-15	6.5E-10	8.1E-11	3.5E-16
Nonachlorobiphenyl	1.3E-17	1.1E-17	1.8E-13	2.2E-14	5.7E-19
Octachlorobiphenyl	2.4E-17	2.0E-17	3.9E-13	4.9E-14	1.0E-18
Pentachlorobiphenyl	1.2E-15	1.0E-15	1.8E-11	2.3E-12	5.2E-17
Tetrachlorobiphenyl	2.5E-16	2.1E-16	3.0E-11	3.8E-12	2.0E-17
Trichlorobiphenyl	3.0E-16	2.5E-16	3.8E-11	4.8E-12	2.3E-17
Pesticides					
DDE		6.8E-06			2.2E-07
Dieldrin	2.7E-08	3.2E-08			1.6E-12
SVOCs					
1,2,4-trichlorobenzene			2.7E-10	3.4E-11	
1,2-dichlorobenzene			1.1E-10	1.4E-11	
1,3-dichlorobenzene			1.6E-10	2.0E-11	
1,4-dichlorobenzene			1.5E-09	1.9E-10	
2,4-Dimethylphenol			2.4E-08	3.0E-09	
2-Chlorophenol			4.7E-09	5.9E-10	
2-Methylphenol			5.6E-08	7.0E-09	
2-Nitrophenol			7.6E-09	9.4E-10	
3-Methylphenol & 4-Methylphenol		3.7E-12	1.0E-07	1.3E-08	1.8E-16
4-Nitrophenol			1.3E-08	1.6E-09	

Table H-168 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			1.2E-07	1.5E-08	
Benzoic acid			5.4E-07	6.7E-08	
Benzyl alcohol			4.5E-09	5.6E-10	
bis(2-Ethylhexyl) phthalate	6.7E-12	8.0E-12	1.9E-07	2.4E-08	3.9E-16
Butyl benzyl phthalate	3.3E-15	3.8E-15	6.0E-09	7.5E-10	1.9E-19
Carbazole		1.4E-14	1.7E-10	2.1E-11	6.9E-19
Dibenzofuran	1.4E-16	5.7E-16	9.5E-09	1.2E-09	2.4E-16
Dimethyl phthalate			3.3E-10	4.2E-11	
Di-n-butyl phthalate	3.3E-15	3.9E-15	9.2E-09	1.1E-09	1.9E-19
Di-n-octyl phthalate	9.4E-15	1.1E-14	6.4E-10	8.0E-11	5.5E-19
Hexachlorobutadiene			4.4E-08	5.5E-09	
Isopropanol			5.9E-03		
Phenol			3.0E-07	3.8E-08	
Pyridine			2.9E-08	3.6E-09	
TRS					
Total Reduced Sulfur			2.9E-07	3.6E-08	
VOCs					
1,1,1,2-Tetrachloroethane			1.3E-10	1.7E-11	
1,1,1-Trichloroethane			1.3E-10	1.7E-11	
1,1-Dichloroethene			2.6E-11	3.2E-12	
1,2,3-Trichlorobenzene			5.3E-10	6.7E-11	
1,2,3-Trichloropropane			1.1E-10	1.4E-11	

Table H-168 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			6.2E-09	7.8E-10	
1,2-Dibromoethane			6.9E-11	8.6E-12	
1,2-Dichloroethane			2.3E-05	1.0E-06	
1,3,5-Trimethylbenzene			5.9E-09	7.3E-10	
1,3-Dichloropropane			6.7E-11	8.4E-12	
2-Butanone			3.3E-08	4.1E-09	
2-Chlorotoluene			1.5E-09	1.8E-10	
2-Hexanone			6.8E-09	8.4E-10	
Benzene			8.2E-04	9.7E-06	
Bromobenzene			3.7E-08	4.7E-09	
Bromochloromethane			8.8E-11	1.1E-11	
Bromodichloromethane			9.5E-11	1.2E-11	
Bromomethane			3.8E-09	4.8E-10	
Carbon disulfide			3.3E-09	4.2E-10	
Carbon tetrachloride			1.6E-04	1.5E-05	
Chlorobenzene			4.8E-09	6.0E-10	
Chlorodibromomethane			2.4E-09	3.0E-10	
Chloroethane			9.1E-09	1.1E-09	
Chloroform			3.7E-05	2.4E-06	
Chloromethane			3.1E-08	3.9E-09	
cis-1,2-Dichloroethene			4.0E-09	5.0E-10	
cis-1,3-Dichloropropene			2.4E-11	3.0E-12	

Table H-168 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			2.0E-10	2.5E-11	
Dichlorodifluoromethane			2.5E-10	3.1E-11	
Ethylbenzene			2.1E-04	2.4E-08	
Isopropylbenzene			1.6E-08	2.0E-09	
m&p-Xylene			3.6E-08	4.6E-09	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.6E-10	4.5E-11	
Methylene chloride			1.8E-08	2.3E-09	
n-Butylbenzene			7.8E-09	9.7E-10	
n-Propylbenzene			9.4E-09	1.2E-09	
o-Xylene			2.3E-08	2.9E-09	
p-Chlorotoluene			5.5E-10	6.9E-11	
p-Isopropyltoluene			3.8E-09	4.8E-10	
sec-Butylbenzene			1.4E-09	1.8E-10	
Styrene			5.1E-07	6.4E-08	
tert-Butylbenzene			4.6E-08	5.7E-09	
Tetrachloroethene			1.2E-10	1.5E-11	
Toluene			3.2E-07	3.9E-08	
trans-1,2-Dichloroethene			8.4E-08	1.1E-08	
trans-1,3-Dichloropropene			4.2E-11	5.3E-12	
Trichloroethene			5.0E-06	9.1E-13	
Trichlorofluoromethane			8.7E-11	1.1E-11	
Vinyl chloride			5.0E-09	6.2E-10	

Table H-169 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						7.2E-05	1.7E-04	9.0E-06	9.0E-06		
Aldehydes											
Acetaldehyde	7.9E-15					1.2E-04	2.9E-04	1.6E-05	1.6E-05		
Formaldehyde	3.9E-14					4.1E-01	1.2E-04	6.6E-06	6.6E-06		
Propionaldehyde				1.9E-16	5.4E-16	1.4E-05	3.1E-05	1.7E-06	1.7E-06	1.4E-12	8.9E-12
CO											
Carbon monoxide						3.8E-03	8.8E-03	4.8E-04	4.8E-04		
CO2											
Carbon dioxide						1.2E-04	2.8E-04	1.5E-05	1.5E-05		
Criteria											
Sulfur Dioxide						3.2E-05	7.5E-05	4.1E-06	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	7.8E-20	6.4E-17	9.0E-17	2.5E-16	7.1E-16	7.3E-11	1.7E-10	9.1E-12	9.1E-12	1.2E-17	7.7E-17
1,2,3,4,6,7,8-HpCDF	7.6E-20	6.5E-17	9.1E-17	2.6E-16	7.2E-16	7.3E-11	1.7E-10	9.2E-12	9.2E-12	1.3E-17	7.8E-17
1,2,3,4,7,8,9-HpCDF	1.2E-20	7.5E-18	1.0E-17	2.9E-17	8.2E-17	9.3E-12	2.1E-11	1.2E-12	1.2E-12	1.4E-18	8.9E-18
1,2,3,4,7,8-HxCDD	9.4E-20	7.3E-18	1.0E-17	2.9E-17	8.1E-17	8.7E-12	2.0E-11	1.1E-12	1.1E-12	1.4E-18	8.7E-18
1,2,3,4,7,8-HxCDF	6.5E-19	5.8E-17	8.1E-17	2.3E-16	6.4E-16	7.1E-11	1.6E-10	8.9E-12	8.9E-12	1.1E-17	6.9E-17
1,2,3,6,7,8-HxCDD	1.8E-19	1.5E-17	2.1E-17	5.9E-17	1.6E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	2.9E-18	1.8E-17
1,2,3,6,7,8-HxCDF	2.4E-19	1.9E-17	2.7E-17	7.5E-17	2.1E-16	2.3E-11	5.3E-11	2.9E-12	2.9E-12	3.7E-18	2.3E-17
1,2,3,7,8,9-HxCDD	2.6E-19	2.4E-17	3.3E-17	9.3E-17	2.6E-16	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.5E-18	2.8E-17
1,2,3,7,8,9-HxCDF	2.1E-20	1.4E-18	1.9E-18	5.4E-18	1.5E-17	1.8E-12	4.1E-12	2.2E-13	2.2E-13	2.6E-19	1.6E-18
1,2,3,7,8-PeCDD	5.9E-19	8.3E-18	1.2E-17	3.3E-17	9.1E-17	1.1E-11	2.6E-11	1.4E-12	1.4E-12	1.6E-18	9.9E-18
1,2,3,7,8-PeCDF	8.2E-19	9.7E-18	1.4E-17	3.8E-17	1.1E-16	1.6E-11	3.6E-11	2.0E-12	2.0E-12	1.9E-18	1.2E-17

Table H-169 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	3.5E-19	3.0E-17	4.2E-17	1.2E-16	3.3E-16	3.6E-11	8.2E-11	4.5E-12	4.5E-12	5.7E-18	3.5E-17
2,3,4,7,8-PeCDF	1.3E-18	2.3E-17	3.2E-17	9.2E-17	2.6E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	4.5E-18	2.8E-17
2,3,7,8-TCDD	2.1E-19	1.7E-18	2.4E-18	6.7E-18	1.9E-17	4.4E-12	1.0E-11	5.6E-13	5.6E-13	2.3E-16	1.4E-15
2,3,7,8-TCDF	6.8E-19	3.1E-18	4.3E-18	1.2E-17	3.4E-17	1.6E-11	3.8E-11	2.0E-12	2.0E-12	6.0E-19	3.7E-18
OCDD	1.0E-21	4.4E-17	6.1E-17	1.7E-16	4.8E-16	4.8E-11	1.1E-10	6.0E-12	6.0E-12	8.4E-18	5.2E-17
OCDF	3.9E-22	1.7E-17	2.3E-17	6.6E-17	1.9E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	3.2E-18	2.0E-17
HCN											
Hydrogen cyanide						1.4E-05	3.1E-05	1.7E-06	1.7E-06		
Metals											
Aluminum				9.9E-04	1.7E-03					4.9E-05	1.8E-04
Antimony	1.3E-18			6.6E-08	1.2E-07	8.9E-07	2.1E-06	1.1E-07	1.1E-07	3.2E-09	1.3E-08
Arsenic	7.0E-17	2.3E-07	2.0E-08	5.5E-07	9.3E-08	5.1E-08	1.2E-07	6.4E-09	6.4E-09	4.5E-08	1.7E-08
Barium	1.6E-13			1.5E-10	4.3E-10	1.1E-05	2.5E-05	1.3E-06	1.3E-06	7.5E-12	4.6E-11
Beryllium	2.8E-18			9.0E-17	2.5E-16	3.7E-09	8.5E-09	4.6E-10	4.6E-10	4.4E-18	2.7E-17
Cadmium	7.2E-16			7.0E-17	2.0E-16	6.5E-08	1.5E-07	8.1E-09	8.1E-09	3.4E-18	2.1E-17
Chromium	1.9E-16			4.6E-12	1.3E-11	5.5E-07	1.3E-06	6.9E-08	6.9E-08	2.2E-13	1.4E-12
Cobalt				2.8E-06	3.2E-06	8.4E-07	1.9E-06	1.1E-07	1.1E-07	1.4E-07	3.4E-07
Copper				1.7E-11	4.7E-11	1.5E-06	3.5E-06	1.9E-07	1.9E-07	8.2E-13	5.0E-12
Iron				2.3E-03	3.2E-03					1.2E-04	3.5E-04
Lead	5.9E-19			9.5E-06	2.0E-05	5.1E-07	1.2E-06	6.4E-08	6.4E-08	4.7E-07	2.1E-06
Manganese				6.8E-14	1.9E-13	4.7E-07	1.1E-06	5.8E-08	5.8E-08	3.3E-15	2.1E-14
Mercury (+2)				1.5E-15	4.1E-15	2.0E-09	4.7E-09	2.5E-10	2.5E-10	7.2E-17	4.4E-16
Mercury, elemental				2.3E-09	3.8E-09	8.4E-12	1.9E-11	1.1E-12	1.1E-12	4.4E-06	2.7E-05
Methyl Mercury	5.6E-16			8.7E-17	2.4E-16					4.3E-18	2.6E-17

Table H-169 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	2.8E-16			4.8E-05	6.1E-05	3.0E-07	6.9E-07	3.7E-08	3.7E-08	2.3E-06	6.6E-06
Phosphorus				6.4E-16	1.8E-15	2.3E-06	5.2E-06	2.8E-07	2.8E-07	6.2E-12	3.8E-11
Selenium	2.4E-17			3.5E-18	9.7E-18	1.5E-08	3.5E-08	1.9E-09	1.9E-09	1.7E-19	1.0E-18
Silver	1.6E-17			5.6E-14	1.6E-13	9.8E-09	2.3E-08	1.2E-09	1.2E-09	2.7E-15	1.7E-14
Thallium (Soluble Salts)				7.0E-09	1.4E-08					3.4E-10	1.6E-09
Titanium				6.9E-16	1.9E-15	5.2E-09	1.2E-08	6.5E-10	6.5E-10	3.4E-17	2.1E-16
Zinc	3.5E-13			1.6E-14	4.4E-14	1.2E-05	2.7E-05	1.5E-06	1.5E-06	7.7E-16	4.8E-15
NOx											
NOx (Oxides of Nitrogen)						1.3E-04	3.1E-04	1.7E-05	1.7E-05		
PAHs											
1-Methylnaphthalene		2.0E-17	2.9E-17	1.9E-17	5.2E-17	2.8E-06	6.5E-06	3.5E-07	3.5E-07	2.1E-14	1.3E-13
1-Methylphenanthrene				1.2E-14	3.5E-14	3.4E-07	7.8E-07	4.2E-08	4.2E-08	6.1E-16	3.7E-15
2,3,5-Trimethylnaphthalene				5.8E-15	1.6E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	2.8E-16	1.8E-15
2,6-Dimethylnaphthalene				1.6E-14	4.4E-14	4.4E-07	1.0E-06	5.5E-08	5.5E-08	7.8E-16	4.8E-15
2-Methylnaphthalene		2.0E-17	2.8E-17	1.8E-17	5.0E-17	2.7E-06	6.3E-06	3.4E-07	3.4E-07	2.1E-14	1.3E-13
Acenaphthylene				5.1E-14	1.4E-13	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.5E-15	1.5E-14
Acenaphthene	2.9E-16					3.0E-07	6.8E-07	3.7E-08	3.7E-08		
Anthracene	3.7E-15					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Benzo(a)anthracene	5.3E-13	1.4E-08	4.4E-08	1.3E-08	7.9E-08	2.6E-07	5.9E-07	3.2E-08	3.2E-08	1.9E-07	1.2E-06
Benzo(a)pyrene	2.6E-13	1.5E-08	4.8E-08	1.3E-08	8.8E-08	1.0E-07	2.3E-07	1.3E-08	1.3E-08	6.5E-10	9.5E-09
Benzo(b)fluoranthene	7.1E-14	2.6E-08	6.8E-08	2.3E-08	1.2E-07	1.1E-07	2.6E-07	1.4E-08	1.4E-08	1.2E-09	1.3E-08
Benzo(e)pyrene				2.9E-15	8.2E-15	8.6E-08	2.0E-07	1.1E-08	1.1E-08	1.4E-16	8.8E-16
Benzo(g,h,i)perylene				2.1E-15	6.0E-15	6.6E-08	1.5E-07	8.2E-09	8.2E-09	1.1E-16	6.5E-16
Benzo(k)fluoranthene	5.3E-16	1.0E-08	3.4E-08	9.5E-09	6.2E-08	1.0E-09	2.3E-09	1.2E-10	1.2E-10	4.7E-10	6.7E-09

Table H-169 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				2.9E-16	8.0E-16	9.5E-06	2.2E-05	1.2E-06	1.2E-06	1.7E-13	1.0E-12
Chrysene	9.0E-14	2.0E-08	4.9E-08	1.8E-08	8.9E-08	4.4E-07	1.0E-06	5.5E-08	5.5E-08	9.0E-10	9.6E-09
Dibenze(a,h)anthracene	1.3E-14	2.3E-14	1.2E-08	2.1E-14	2.2E-08	1.6E-08	3.7E-08	2.0E-09	2.0E-09	1.0E-15	2.3E-09
Fluoranthene	2.4E-14	5.2E-15	7.2E-15	4.7E-15	1.3E-14	6.4E-07	1.5E-06	8.0E-08	8.0E-08	2.3E-16	1.4E-15
Fluorene	5.2E-15					1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Indeno(1,2,3-cd)pyrene	3.2E-14	8.1E-09	3.1E-08	7.3E-09	5.7E-08	5.3E-08	1.2E-07	6.6E-09	6.6E-09	3.6E-10	6.1E-09
Napthalene	2.4E-15					1.3E-05	2.9E-05	1.6E-06	1.6E-06		
Perylene				1.1E-15	3.2E-15	4.0E-08	9.1E-08	4.9E-09	4.9E-09	5.5E-17	3.4E-16
Phenanthrene	2.5E-14					3.0E-06	6.9E-06	3.8E-07	3.8E-07		
Pyrene	1.7E-14	1.4E-14	2.0E-14	1.3E-14	3.6E-14	6.3E-07	1.4E-06	7.8E-08	7.8E-08	3.6E-13	2.2E-12
Particulate											
Particulate Total Suspended Particulate				2.6E-10	7.2E-10	2.0E-03	4.6E-03	2.5E-04	2.5E-04	1.3E-11	7.7E-11
PM<10				3.3E-10	9.2E-10	2.6E-03	6.1E-03	3.3E-04	3.3E-04	1.6E-11	9.9E-11
PM<2.5				2.7E-10	7.6E-10	2.3E-03	5.2E-03	2.8E-04	2.8E-04	1.3E-11	8.2E-11
PCBs											
Dichlorobiphenyl	5.2E-16	3.0E-17	4.2E-17	2.6E-17	7.2E-17	8.0E-09	1.8E-08	9.9E-10	9.9E-10	2.4E-15	1.5E-14
Heptachlorobiphenyl	2.0E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	1.1E-10	2.5E-10	1.4E-11	1.4E-11	1.5E-16	9.2E-16
Hexachlorobiphenyl	7.9E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	4.6E-10	1.1E-09	5.7E-11	5.7E-11	6.7E-16	4.1E-15
Monochlorobiphenyl	3.6E-15	2.1E-16	2.9E-16	1.8E-16	5.0E-16	5.5E-08	1.3E-07	6.9E-09	6.9E-09	1.7E-14	1.0E-13
Nonachlorobiphenyl	2.4E-18	6.1E-19	8.6E-19	5.2E-19	1.4E-18	1.5E-11	3.6E-11	1.9E-12	1.9E-12	2.6E-17	1.6E-16
Octachlorobiphenyl	5.8E-18	1.1E-18	1.6E-18	9.5E-19	2.7E-18	3.3E-11	7.7E-11	4.2E-12	4.2E-12	4.8E-17	3.0E-16
Pentachlorobiphenyl	2.6E-16	5.6E-17	7.9E-17	4.8E-17	1.3E-16	1.6E-09	3.6E-09	2.0E-10	2.0E-10	2.4E-15	1.5E-14
Tetrachlorobiphenyl	1.5E-16	1.2E-17	1.6E-17	9.8E-18	2.7E-17	2.6E-09	6.0E-09	3.2E-10	3.2E-10	9.1E-16	5.6E-15
Trichlorobiphenyl	2.0E-16	1.4E-17	1.9E-17	1.2E-17	3.3E-17	3.3E-09	7.6E-09	4.1E-10	4.1E-10	1.1E-15	6.8E-15

Table H-169 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				5.9E-07	1.9E-08					1.9E-05	1.1E-04
Dieldrin		2.3E-09	8.5E-10	2.7E-09	2.0E-09					1.3E-10	2.2E-10
SVOCs											
1,2,4-trichlorobenzene						2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2-dichlorobenzene	2.4E-19					9.3E-09	2.2E-08	1.2E-09	1.2E-09		
1,3-dichlorobenzene	5.9E-19					1.4E-08	3.2E-08	1.7E-09	1.7E-09		
1,4-dichlorobenzene	7.9E-18					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
2,4-Dimethylphenol	2.2E-16					2.0E-06	4.7E-06	2.5E-07	2.5E-07		
2-Chlorophenol	1.1E-17					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
2-Methylphenol	4.5E-15					4.8E-06	1.1E-05	6.0E-07	6.0E-07		
2-Nitrophenol	2.7E-17					6.5E-07	1.5E-06	8.1E-08	8.1E-08		
3-Methylphenol & 4-Methylphenol				3.2E-13	8.8E-13	8.6E-06	2.0E-05	1.1E-06	1.1E-06	1.5E-14	9.5E-14
4-Nitrophenol	5.6E-17					1.1E-06	2.5E-06	1.3E-07	1.3E-07		
Acetophenone	3.4E-16					1.0E-05	2.3E-05	1.3E-06	1.3E-06		
Benzoic acid	1.4E-15					4.6E-05	1.1E-04	5.8E-06	5.8E-06		
Benzyl alcohol	8.4E-19					3.9E-07	8.9E-07	4.8E-08	4.8E-08		
bis(2-Ethylhexyl) phthalate	4.2E-14	5.7E-13	8.0E-13	6.8E-13	1.9E-12	1.6E-05	3.8E-05	2.0E-06	2.0E-06	3.3E-14	2.0E-13
Butyl benzyl phthalate	1.5E-14	2.8E-16	3.9E-16	3.3E-16	9.2E-16	5.1E-07	1.2E-06	6.4E-08	6.4E-08	1.6E-17	9.9E-17
Carbazole				1.2E-15	3.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	5.9E-17	3.6E-16
Dibenzofuran		1.2E-17	1.7E-17	4.8E-17	1.4E-16	8.2E-07	1.9E-06	1.0E-07	1.0E-07	2.1E-14	1.3E-13
Dimethyl phthalate	5.5E-18					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
Di-n-butyl phthalate	1.4E-13	2.8E-16	3.9E-16	3.3E-16	9.2E-16	7.9E-07	1.8E-06	9.8E-08	9.8E-08	1.6E-17	9.9E-17
Di-n-octyl phthalate	1.1E-18	8.0E-16	1.1E-15	9.5E-16	2.7E-15	5.5E-08	1.3E-07	6.9E-09	6.9E-09	4.7E-17	2.9E-16

Table H-169 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	5.8E-16					3.8E-06	8.8E-06	4.8E-07	4.8E-07		
Isopropanol						5.1E-01	1.9E-01				
p-Chloroaniline			2.8E-08		6.6E-08						7.2E-09
Phenol	1.3E-14					2.6E-05	6.0E-05	3.2E-06	3.2E-06		
Pyridine	6.6E-16					2.4E-06	5.7E-06	3.1E-07	3.1E-07		
TRS											
Total Reduced Sulfur						2.5E-05	5.8E-05	3.1E-06	3.1E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.3E-19					1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,1,1-Trichloroethane	1.5E-20					1.1E-08	2.6E-08	1.4E-09	1.4E-09		
1,1-Dichloroethene	5.1E-22					2.2E-09	5.1E-09	2.8E-10	2.8E-10		
1,2,3-Trichlorobenzene	1.6E-17					4.6E-08	1.1E-07	5.7E-09	5.7E-09		
1,2,3-Trichloropropane	9.3E-20					9.3E-09	2.1E-08	1.2E-09	1.2E-09		
1,2,4-Trimethylbenzene						5.3E-07	1.2E-06	6.7E-08	6.7E-08		
1,2-Dibromoethane	3.2E-20					5.9E-09	1.4E-08	7.4E-10	7.4E-10		
1,2-Dichloroethane	1.0E-18					2.0E-03	3.8E-03	8.6E-05	8.6E-05		
1,3,5-Trimethylbenzene	5.2E-18					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
1,3-Dichloropropane						5.7E-09	1.3E-08	7.2E-10	7.2E-10		
2-Butanone	2.1E-16					2.8E-06	6.5E-06	3.5E-07	3.5E-07		
2-Chlorotoluene						1.3E-07	2.9E-07	1.6E-08	1.6E-08		
2-Hexanone						5.8E-07	1.3E-06	7.2E-08	7.2E-08		
Benzene	1.7E-16					7.0E-02	2.3E-02	8.3E-04	8.3E-04		
Bromobenzene						3.2E-06	7.4E-06	4.0E-07	4.0E-07		
Bromochloromethane						7.6E-09	1.7E-08	9.4E-10	9.4E-10		

Table H-169 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromodichloromethane	2.7E-20					8.2E-09	2.9E-02	1.0E-09	1.0E-09		
Bromoform							1.3E-01				
Bromomethane	1.1E-19					3.3E-07	7.5E-07	4.1E-08	4.1E-08		
Carbon disulfide	1.1E-19					2.9E-07	6.6E-07	3.6E-08	3.6E-08		
Carbon tetrachloride	1.2E-20					1.3E-02	3.3E-02	1.3E-03	1.3E-03		
Chlorobenzene	4.0E-18					4.1E-07	9.5E-07	5.2E-08	5.2E-08		
Chlorodibromomethane	1.6E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
Chloroethane	3.2E-19					7.8E-07	1.8E-06	9.8E-08	9.8E-08		
Chloroform	2.4E-19					3.1E-03	6.8E-02	2.1E-04	2.1E-04		
Chloromethane	8.4E-19					2.7E-06	6.1E-06	3.3E-07	3.3E-07		
cis-1,2-Dichloroethene	3.3E-19					3.4E-07	7.9E-07	4.3E-08	4.3E-08		
cis-1,3-Dichloropropene						2.1E-09	4.8E-09	2.6E-10	2.6E-10		
Dibromomethane	3.6E-20					1.7E-08	4.0E-08	2.2E-09	2.2E-09		
Dichlorodifluoromethane	4.0E-22					2.1E-08	4.9E-08	2.7E-09	2.7E-09		
Ethylbenzene	1.3E-16					1.8E-02	1.9E-02	2.1E-06	2.1E-06		
Isopropylbenzene	1.7E-19					1.4E-06	3.1E-06	1.7E-07	1.7E-07		
m&p-Xylene	2.0E-17					3.1E-06	7.2E-06	3.9E-07	3.9E-07		
Methyl Isobutyl Ketone (4-methyl-2-pent	2.1E-19					3.1E-08	7.1E-08	3.8E-09	3.8E-09		
Methylene chloride	2.2E-18					1.5E-06	3.6E-06	1.9E-07	1.9E-07		
n-Butylbenzene						6.7E-07	1.5E-06	8.3E-08	8.3E-08		
n-Propylbenzene						8.0E-07	1.9E-06	1.0E-07	1.0E-07		
o-Xylene	2.4E-17					2.0E-06	4.5E-06	2.5E-07	2.5E-07		
p-Chlorotoluene						4.8E-08	1.1E-07	5.9E-09	5.9E-09		
p-Isopropyltoluene						3.3E-07	7.6E-07	4.1E-08	4.1E-08		

Table H-169 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
sec-Butylbenzene						1.2E-07	2.8E-07	1.5E-08	1.5E-08		
Styrene	8.0E-16					4.4E-05	1.0E-04	5.5E-06	5.5E-06		
tert-Butylbenzene						3.9E-06	9.0E-06	4.9E-07	4.9E-07		
Tetrachloroethene	5.7E-20					1.0E-08	2.4E-08	1.3E-09	1.3E-09		
Toluene	1.3E-16					2.7E-05	6.2E-05	3.4E-06	3.4E-06		
trans-1,2-Dichloroethene	5.0E-18					7.2E-06	1.7E-05	9.1E-07	9.1E-07		
trans-1,3-Dichloropropene						3.6E-09	8.4E-09	4.5E-10	4.5E-10		
Trichloroethene	5.8E-22					4.3E-04	3.8E-02	7.8E-11	7.8E-11		
Trichlorofluoromethane	9.0E-22					7.5E-09	1.7E-08	9.4E-10	9.4E-10		
Vinyl chloride	4.1E-20					4.2E-07	9.8E-07	5.3E-08	5.3E-08		

Table H-170 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					4.8E-03	1.4E-06	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19

Table H-170 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.2E-02	2.0E-02					5.7E-07	2.1E-06
Antimony	1.6E-17			7.7E-07	1.4E-06	1.0E-08	2.4E-08	1.3E-09	1.3E-09	3.8E-11	1.5E-10
Arsenic	8.1E-16	2.7E-06	2.3E-07	6.4E-06	1.1E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	5.2E-10	2.0E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				3.3E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.6E-09	4.0E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				2.7E-02	3.7E-02					1.3E-06	4.0E-06
Lead	6.9E-18			1.1E-04	2.3E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.5E-09	2.5E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				2.7E-08	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	5.2E-08	3.2E-07
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19

Table H-170 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	7.1E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.7E-08	7.7E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Thallium (Soluble Salts)				8.1E-08	1.7E-07					4.0E-12	1.8E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	1.6E-07	5.1E-07	1.5E-07	9.3E-07	3.0E-09	6.9E-09	3.7E-10	3.7E-10	2.3E-09	1.4E-08
Benzo(a)pyrene	3.1E-12	1.7E-07	5.6E-07	1.5E-07	1.0E-06	1.2E-09	2.7E-09	1.5E-10	1.5E-10	7.6E-12	1.1E-10
Benzo(b)fluoranthene	8.3E-13	3.0E-07	7.9E-07	2.7E-07	1.4E-06	1.3E-09	3.0E-09	1.6E-10	1.6E-10	1.3E-11	1.5E-10
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	1.2E-07	4.0E-07	1.1E-07	7.2E-07	1.2E-11	2.7E-11	1.5E-12	1.5E-12	5.5E-12	7.8E-11

Table H-170 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.4E-07	5.7E-07	2.1E-07	1.0E-06	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.0E-11	1.1E-10
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	1.4E-07	3.1E-13	2.5E-07	1.9E-10	4.3E-10	2.3E-11	2.3E-11	1.5E-17	2.7E-11
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	9.4E-08	3.6E-07	8.6E-08	6.6E-07	6.2E-10	1.4E-09	7.7E-11	7.7E-11	4.2E-12	7.1E-11
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16

Table H-170 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				6.8E-06	2.2E-07					2.2E-07	1.3E-06
Dieldrin		2.7E-08	1.0E-08	3.2E-08	2.4E-08					1.6E-12	2.5E-12
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18

Table H-170 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						5.9E-03	2.3E-03				
p-Chloroaniline			3.3E-07		7.7E-07						8.4E-11
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.3E-05	4.4E-05	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.2E-04	2.7E-04	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		

Table H-170 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Bromodichloromethane	3.1E-19					9.5E-11	3.4E-04	1.2E-11	1.2E-11		
Bromoform							1.5E-03				
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.6E-04	3.9E-04	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					3.7E-05	7.9E-04	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					2.1E-04	2.2E-04	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		

Table H-170 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					5.0E-06	4.5E-04	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10		

Table H-171 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						7.2E-05	1.7E-04	9.0E-06	9.0E-06		
Aldehydes											
Acetaldehyde	7.9E-15					1.2E-04	2.9E-04	1.6E-05	1.6E-05		
Formaldehyde	3.9E-14					4.1E-01	3.4E+00	6.6E-06	6.6E-06		
Propionaldehyde				1.9E-16	5.4E-16	1.4E-05	3.1E-05	1.7E-06	1.7E-06	1.4E-12	8.9E-12
CO											
Carbon monoxide						3.8E-03	8.8E-03	4.8E-04	4.8E-04		
CO2											
Carbon dioxide						1.2E-04	2.8E-04	1.5E-05	1.5E-05		
Criteria											
Sulfur Dioxide						3.2E-05	7.5E-05	4.1E-06	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	7.8E-20	6.4E-17	9.0E-17	2.5E-16	7.1E-16	7.3E-11	1.7E-10	9.1E-12	9.1E-12	1.2E-17	7.7E-17
1,2,3,4,6,7,8-HpCDF	7.6E-20	6.5E-17	9.1E-17	2.6E-16	7.2E-16	7.3E-11	1.7E-10	9.2E-12	9.2E-12	1.3E-17	7.8E-17
1,2,3,4,7,8,9-HpCDF	1.2E-20	7.5E-18	1.0E-17	2.9E-17	8.2E-17	9.3E-12	2.1E-11	1.2E-12	1.2E-12	1.4E-18	8.9E-18
1,2,3,4,7,8-HxCDD	9.4E-20	7.3E-18	1.0E-17	2.9E-17	8.1E-17	8.7E-12	2.0E-11	1.1E-12	1.1E-12	1.4E-18	8.7E-18
1,2,3,4,7,8-HxCDF	6.5E-19	5.8E-17	8.1E-17	2.3E-16	6.4E-16	7.1E-11	1.6E-10	8.9E-12	8.9E-12	1.1E-17	6.9E-17
1,2,3,6,7,8-HxCDD	1.8E-19	1.5E-17	2.1E-17	5.9E-17	1.6E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	2.9E-18	1.8E-17
1,2,3,6,7,8-HxCDF	2.4E-19	1.9E-17	2.7E-17	7.5E-17	2.1E-16	2.3E-11	5.3E-11	2.9E-12	2.9E-12	3.7E-18	2.3E-17
1,2,3,7,8,9-HxCDD	2.6E-19	2.4E-17	3.3E-17	9.3E-17	2.6E-16	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.5E-18	2.8E-17
1,2,3,7,8,9-HxCDF	2.1E-20	1.4E-18	1.9E-18	5.4E-18	1.5E-17	1.8E-12	4.1E-12	2.2E-13	2.2E-13	2.6E-19	1.6E-18
1,2,3,7,8-PeCDD	5.9E-19	8.3E-18	1.2E-17	3.3E-17	9.1E-17	1.1E-11	2.6E-11	1.4E-12	1.4E-12	1.6E-18	9.9E-18
1,2,3,7,8-PeCDF	8.2E-19	9.7E-18	1.4E-17	3.8E-17	1.1E-16	1.6E-11	3.6E-11	2.0E-12	2.0E-12	1.9E-18	1.2E-17

Table H-171 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	3.5E-19	3.0E-17	4.2E-17	1.2E-16	3.3E-16	3.6E-11	8.2E-11	4.5E-12	4.5E-12	5.7E-18	3.5E-17
2,3,4,7,8-PeCDF	1.3E-18	2.3E-17	3.2E-17	9.2E-17	2.6E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	4.5E-18	2.8E-17
2,3,7,8-TCDD	2.1E-19	1.7E-18	2.4E-18	6.7E-18	1.9E-17	4.4E-12	1.0E-11	5.6E-13	5.6E-13	2.3E-16	1.4E-15
2,3,7,8-TCDF	6.8E-19	3.1E-18	4.3E-18	1.2E-17	3.4E-17	1.6E-11	3.8E-11	2.0E-12	2.0E-12	6.0E-19	3.7E-18
OCDD	1.0E-21	4.4E-17	6.1E-17	1.7E-16	4.8E-16	4.8E-11	1.1E-10	6.0E-12	6.0E-12	8.4E-18	5.2E-17
OCDF	3.9E-22	1.7E-17	2.3E-17	6.6E-17	1.9E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	3.2E-18	2.0E-17
HCN											
Hydrogen cyanide						1.4E-05	3.1E-05	1.7E-06	1.7E-06		
Metals											
Aluminum				9.9E-04	2.0E-03					4.9E-05	2.2E-04
Antimony	1.3E-18			6.6E-08	4.1E-08	8.9E-07	2.1E-06	1.1E-07	1.1E-07	3.2E-09	4.4E-09
Arsenic	7.0E-17	2.3E-07	3.9E-08	5.5E-07	1.8E-07	5.1E-08	1.2E-07	6.4E-09	6.4E-09	4.5E-08	3.3E-08
Barium	1.6E-13			1.5E-10	4.3E-10	1.1E-05	2.5E-05	1.3E-06	1.3E-06	7.5E-12	4.6E-11
Beryllium	2.8E-18			9.0E-17	2.5E-16	3.7E-09	8.5E-09	4.6E-10	4.6E-10	4.4E-18	2.7E-17
Cadmium	7.2E-16			7.0E-17	2.0E-16	6.5E-08	1.5E-07	8.1E-09	8.1E-09	3.4E-18	2.1E-17
Chromium	1.9E-16			4.6E-12	1.3E-11	5.5E-07	1.3E-06	6.9E-08	6.9E-08	2.2E-13	1.4E-12
Cobalt				2.8E-06	3.2E-06	8.4E-07	1.9E-06	1.1E-07	1.1E-07	1.4E-07	3.4E-07
Copper				1.7E-11	4.7E-11	1.5E-06	3.5E-06	1.9E-07	1.9E-07	8.2E-13	5.0E-12
Iron				2.3E-03	3.4E-03					1.2E-04	3.7E-04
Lead	5.9E-19			9.5E-06	4.5E-06	5.1E-07	1.2E-06	6.4E-08	6.4E-08	4.7E-07	4.9E-07
Manganese				6.8E-14	1.9E-13	4.7E-07	1.1E-06	5.8E-08	5.8E-08	3.3E-15	2.1E-14
Mercury (+2)				1.5E-15	4.1E-15	2.0E-09	4.7E-09	2.5E-10	2.5E-10	7.2E-17	4.4E-16
Mercury, elemental				2.3E-09	2.3E-09	8.4E-12	1.9E-11	1.1E-12	1.1E-12	4.4E-06	2.7E-05
Methyl Mercury	5.6E-16			8.7E-17	2.4E-16					4.3E-18	2.6E-17

Table H-171 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Nickel	2.8E-16			4.8E-05	6.8E-05	3.0E-07	6.9E-07	3.7E-08	3.7E-08	2.3E-06	7.3E-06
Phosphorus				6.4E-16	1.8E-15	2.3E-06	5.2E-06	2.8E-07	2.8E-07	6.2E-12	3.8E-11
Selenium	2.4E-17			3.5E-18	9.7E-18	1.5E-08	3.5E-08	1.9E-09	1.9E-09	1.7E-19	1.0E-18
Silver	1.6E-17			5.6E-14	1.6E-13	9.8E-09	2.3E-08	1.2E-09	1.2E-09	2.7E-15	1.7E-14
Thallium (Soluble Salts)				7.0E-09	1.2E-08					3.4E-10	1.3E-09
Titanium				6.9E-16	1.9E-15	5.2E-09	1.2E-08	6.5E-10	6.5E-10	3.4E-17	2.1E-16
Zinc	3.5E-13			1.6E-14	4.4E-14	1.2E-05	2.7E-05	1.5E-06	1.5E-06	7.7E-16	4.8E-15
NOx											
NOx (Oxides of Nitrogen)						1.3E-04	3.1E-04	1.7E-05	1.7E-05		
PAHs											
1-Methylnaphthalene		2.0E-17	2.9E-17	1.9E-17	5.2E-17	2.8E-06	6.5E-06	3.5E-07	3.5E-07	2.1E-14	1.3E-13
1-Methylphenanthrene				1.2E-14	3.5E-14	3.4E-07	7.8E-07	4.2E-08	4.2E-08	6.1E-16	3.7E-15
2,3,5-Trimethylnaphthalene				5.8E-15	1.6E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	2.8E-16	1.8E-15
2,6-Dimethylnaphthalene				1.6E-14	4.4E-14	4.4E-07	1.0E-06	5.5E-08	5.5E-08	7.8E-16	4.8E-15
2-Methylnaphthalene		2.0E-17	2.8E-17	1.8E-17	5.0E-17	2.7E-06	6.3E-06	3.4E-07	3.4E-07	2.1E-14	1.3E-13
Acenaphthylene				5.1E-14	1.4E-13	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.5E-15	1.5E-14
Acenaphthene	2.9E-16					3.0E-07	6.8E-07	3.7E-08	3.7E-08		
Anthracene	3.7E-15					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Benzo(a)anthracene	5.3E-13	1.4E-08	2.0E-13	1.3E-08	3.6E-13	2.6E-07	5.9E-07	3.2E-08	3.2E-08	1.9E-07	1.2E-06
Benzo(a)pyrene	2.6E-13	1.5E-08	9.2E-14	1.3E-08	1.7E-13	1.0E-07	2.3E-07	1.3E-08	1.3E-08	6.5E-10	1.8E-14
Benzo(b)fluoranthene	7.1E-14	2.6E-08	5.3E-15	2.3E-08	9.7E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	1.2E-09	1.0E-15
Benzo(e)pyrene				2.9E-15	8.2E-15	8.6E-08	2.0E-07	1.1E-08	1.1E-08	1.4E-16	8.8E-16
Benzo(g,h,i)perylene				2.1E-15	6.0E-15	6.6E-08	1.5E-07	8.2E-09	8.2E-09	1.1E-16	6.5E-16
Benzo(k)fluoranthene	5.3E-16	1.0E-08	5.4E-15	9.5E-09	9.9E-15	1.0E-09	2.3E-09	1.2E-10	1.2E-10	4.7E-10	1.1E-15

Table H-171 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				2.9E-16	8.0E-16	9.5E-06	2.2E-05	1.2E-06	1.2E-06	1.7E-13	1.0E-12
Chrysene	9.0E-14	2.0E-08	2.5E-13	1.8E-08	4.5E-13	4.4E-07	1.0E-06	5.5E-08	5.5E-08	9.0E-10	4.9E-14
Dibenze(a,h)anthracene	1.3E-14	2.3E-14	3.2E-14	2.1E-14	5.8E-14	1.6E-08	3.7E-08	2.0E-09	2.0E-09	1.0E-15	6.2E-15
Fluoranthene	2.4E-14	5.2E-15	7.2E-15	4.7E-15	1.3E-14	6.4E-07	1.5E-06	8.0E-08	8.0E-08	2.3E-16	1.4E-15
Fluorene	5.2E-15					1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Indeno(1,2,3-cd)pyrene	3.2E-14	8.1E-09	9.0E-14	7.3E-09	1.6E-13	5.3E-08	1.2E-07	6.6E-09	6.6E-09	3.6E-10	1.8E-14
Napthalene	2.4E-15					1.3E-05	2.9E-05	1.6E-06	1.6E-06		
Perylene				1.1E-15	3.2E-15	4.0E-08	9.1E-08	4.9E-09	4.9E-09	5.5E-17	3.4E-16
Phenanthrene	2.5E-14					3.0E-06	6.9E-06	3.8E-07	3.8E-07		
Pyrene	1.7E-14	1.4E-14	2.0E-14	1.3E-14	3.6E-14	6.3E-07	1.4E-06	7.8E-08	7.8E-08	3.6E-13	2.2E-12
Particulate											
Particulate Total Suspended Particulate				2.6E-10	7.2E-10	2.0E-03	4.6E-03	2.5E-04	2.5E-04	1.3E-11	7.7E-11
PM<10				3.3E-10	9.2E-10	2.6E-03	6.1E-03	3.3E-04	3.3E-04	1.6E-11	9.9E-11
PM<2.5				2.7E-10	7.6E-10	2.3E-03	5.2E-03	2.8E-04	2.8E-04	1.3E-11	8.2E-11
PCBs											
Dichlorobiphenyl	5.2E-16	3.0E-17	4.2E-17	2.6E-17	7.2E-17	8.0E-09	1.8E-08	9.9E-10	9.9E-10	2.4E-15	1.5E-14
Heptachlorobiphenyl	2.0E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	1.1E-10	2.5E-10	1.4E-11	1.4E-11	1.5E-16	9.2E-16
Hexachlorobiphenyl	7.9E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	4.6E-10	1.1E-09	5.7E-11	5.7E-11	6.7E-16	4.1E-15
Monochlorobiphenyl	3.6E-15	2.1E-16	2.9E-16	1.8E-16	5.0E-16	5.5E-08	1.3E-07	6.9E-09	6.9E-09	1.7E-14	1.0E-13
Nonachlorobiphenyl	2.4E-18	6.1E-19	8.6E-19	5.2E-19	1.4E-18	1.5E-11	3.6E-11	1.9E-12	1.9E-12	2.6E-17	1.6E-16
Octachlorobiphenyl	5.8E-18	1.1E-18	1.6E-18	9.5E-19	2.7E-18	3.3E-11	7.7E-11	4.2E-12	4.2E-12	4.8E-17	3.0E-16
Pentachlorobiphenyl	2.6E-16	5.6E-17	7.9E-17	4.8E-17	1.3E-16	1.6E-09	3.6E-09	2.0E-10	2.0E-10	2.4E-15	1.5E-14
Tetrachlorobiphenyl	1.5E-16	1.2E-17	1.6E-17	9.8E-18	2.7E-17	2.6E-09	6.0E-09	3.2E-10	3.2E-10	9.1E-16	5.6E-15
Trichlorobiphenyl	2.0E-16	1.4E-17	1.9E-17	1.2E-17	3.3E-17	3.3E-09	7.6E-09	4.1E-10	4.1E-10	1.1E-15	6.8E-15

Table H-171 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				5.9E-07	6.7E-09					1.9E-05	1.1E-04
Dieldrin		2.3E-09		2.7E-09						1.3E-10	
SVOCs											
1,2,4-trichlorobenzene						2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2-dichlorobenzene	2.4E-19					9.3E-09	2.2E-08	1.2E-09	1.2E-09		
1,3-dichlorobenzene	5.9E-19					1.4E-08	3.2E-08	1.7E-09	1.7E-09		
1,4-dichlorobenzene	7.9E-18					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
2,4-Dimethylphenol	2.2E-16					2.0E-06	4.7E-06	2.5E-07	2.5E-07		
2-Chlorophenol	1.1E-17					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
2-Methylphenol	4.5E-15					4.8E-06	1.1E-05	6.0E-07	6.0E-07		
2-Nitrophenol	2.7E-17					6.5E-07	1.5E-06	8.1E-08	8.1E-08		
3-Methylphenol & 4-Methylphenol				3.2E-13	8.8E-13	8.6E-06	2.0E-05	1.1E-06	1.1E-06	1.5E-14	9.5E-14
4-Nitrophenol	5.6E-17					1.1E-06	2.5E-06	1.3E-07	1.3E-07		
Acetophenone	3.4E-16					1.0E-05	2.3E-05	1.3E-06	1.3E-06		
Benzoic acid	1.4E-15					4.6E-05	1.1E-04	5.8E-06	5.8E-06		
Benzyl alcohol	8.4E-19					3.9E-07	8.9E-07	4.8E-08	4.8E-08		
bis(2-Ethylhexyl) phthalate	4.2E-14	5.7E-13	8.0E-13	6.8E-13	1.9E-12	1.6E-05	3.8E-05	2.0E-06	2.0E-06	3.3E-14	2.0E-13
Butyl benzyl phthalate	1.5E-14	2.8E-16	3.9E-16	3.3E-16	9.2E-16	5.1E-07	1.2E-06	6.4E-08	6.4E-08	1.6E-17	9.9E-17
Carbazole				1.2E-15	3.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	5.9E-17	3.6E-16
Dibenzofuran		1.2E-17	1.7E-17	4.8E-17	1.4E-16	8.2E-07	1.9E-06	1.0E-07	1.0E-07	2.1E-14	1.3E-13
Dimethyl phthalate	5.5E-18					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
Di-n-butyl phthalate	1.4E-13	2.8E-16	3.9E-16	3.3E-16	9.2E-16	7.9E-07	1.8E-06	9.8E-08	9.8E-08	1.6E-17	9.9E-17
Di-n-octyl phthalate	1.1E-18	8.0E-16	1.1E-15	9.5E-16	2.7E-15	5.5E-08	1.3E-07	6.9E-09	6.9E-09	4.7E-17	2.9E-16

Table H-171 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	5.8E-16					3.8E-06	8.8E-06	4.8E-07	4.8E-07		
Isopropanol						5.1E-01					
Phenol	1.3E-14					2.6E-05	6.0E-05	3.2E-06	3.2E-06		
Pyridine	6.6E-16					2.4E-06	5.7E-06	3.1E-07	3.1E-07		
TRS											
Total Reduced Sulfur						2.5E-05	5.8E-05	3.1E-06	3.1E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.3E-19					1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,1,1-Trichloroethane	1.5E-20					1.1E-08	2.6E-08	1.4E-09	1.4E-09		
1,1-Dichloroethene	5.1E-22					2.2E-09	5.1E-09	2.8E-10	2.8E-10		
1,2,3-Trichlorobenzene	1.6E-17					4.6E-08	1.1E-07	5.7E-09	5.7E-09		
1,2,3-Trichloropropane	9.3E-20					9.3E-09	2.1E-08	1.2E-09	1.2E-09		
1,2,4-Trimethylbenzene						5.3E-07	1.2E-06	6.7E-08	6.7E-08		
1,2-Dibromoethane	3.2E-20					5.9E-09	1.4E-08	7.4E-10	7.4E-10		
1,2-Dichloroethane	1.0E-18					2.0E-03	5.5E-07	8.6E-05	8.6E-05		
1,3,5-Trimethylbenzene	5.2E-18					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
1,3-Dichloropropane						5.7E-09	1.3E-08	7.2E-10	7.2E-10		
2-Butanone	2.1E-16					2.8E-06	6.5E-06	3.5E-07	3.5E-07		
2-Chlorotoluene						1.3E-07	2.9E-07	1.6E-08	1.6E-08		
2-Hexanone						5.8E-07	1.3E-06	7.2E-08	7.2E-08		
Benzene	1.7E-16					7.0E-02	1.7E-04	8.3E-04	8.3E-04		
Bromobenzene						3.2E-06	7.4E-06	4.0E-07	4.0E-07		
Bromochloromethane						7.6E-09	1.7E-08	9.4E-10	9.4E-10		
Bromodichloromethane	2.7E-20					8.2E-09	1.9E-08	1.0E-09	1.0E-09		

Table H-171 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromomethane	1.1E-19					3.3E-07	7.5E-07	4.1E-08	4.1E-08		
Carbon disulfide	1.1E-19					2.9E-07	6.6E-07	3.6E-08	3.6E-08		
Carbon tetrachloride	1.2E-20					1.3E-02	4.3E-08	1.3E-03	1.3E-03		
Chlorobenzene	4.0E-18					4.1E-07	9.5E-07	5.2E-08	5.2E-08		
Chlorodibromomethane	1.6E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
Chloroethane	3.2E-19					7.8E-07	1.8E-06	9.8E-08	9.8E-08		
Chloroform	2.4E-19					3.1E-03	3.9E-07	2.1E-04	2.1E-04		
Chloromethane	8.4E-19					2.7E-06	6.1E-06	3.3E-07	3.3E-07		
cis-1,2-Dichloroethene	3.3E-19					3.4E-07	7.9E-07	4.3E-08	4.3E-08		
cis-1,3-Dichloropropene						2.1E-09	4.8E-09	2.6E-10	2.6E-10		
Dibromomethane	3.6E-20					1.7E-08	4.0E-08	2.2E-09	2.2E-09		
Dichlorodifluoromethane	4.0E-22					2.1E-08	4.9E-08	2.7E-09	2.7E-09		
Ethylbenzene	1.3E-16					1.8E-02	3.9E-05	2.1E-06	2.1E-06		
Isopropylbenzene	1.7E-19					1.4E-06	3.1E-06	1.7E-07	1.7E-07		
m&p-Xylene	2.0E-17					3.1E-06	7.2E-06	3.9E-07	3.9E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.1E-19					3.1E-08	7.1E-08	3.8E-09	3.8E-09		
Methylene chloride	2.2E-18					1.5E-06	3.6E-06	1.9E-07	1.9E-07		
n-Butylbenzene						6.7E-07	1.5E-06	8.3E-08	8.3E-08		
n-Propylbenzene						8.0E-07	1.9E-06	1.0E-07	1.0E-07		
o-Xylene	2.4E-17					2.0E-06	4.5E-06	2.5E-07	2.5E-07		
p-Chlorotoluene						4.8E-08	1.1E-07	5.9E-09	5.9E-09		
p-Isopropyltoluene						3.3E-07	7.6E-07	4.1E-08	4.1E-08		
sec-Butylbenzene						1.2E-07	2.8E-07	1.5E-08	1.5E-08		
Styrene	8.0E-16					4.4E-05	1.0E-04	5.5E-06	5.5E-06		

Table H-171 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)
tert-Butylbenzene						3.9E-06	9.0E-06	4.9E-07	4.9E-07			
Tetrachloroethene	5.7E-20					1.0E-08	2.4E-08	1.3E-09	1.3E-09			
Toluene	1.3E-16					2.7E-05	6.2E-05	3.4E-06	3.4E-06			
trans-1,2-Dichloroethene	5.0E-18					7.2E-06	1.7E-05	9.1E-07	9.1E-07			
trans-1,3-Dichloropropene						3.6E-09	8.4E-09	4.5E-10	4.5E-10			
Trichloroethene	5.8E-22					4.3E-04	1.4E-09	7.8E-11	7.8E-11			
Trichlorofluoromethane	9.0E-22					7.5E-09	1.7E-08	9.4E-10	9.4E-10			
Vinyl chloride	4.1E-20					4.2E-07	9.8E-07	5.3E-08	5.3E-08			

Table H-172 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					4.8E-03	4.0E-02	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18	
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18	
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19	
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19	
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18	
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19	
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19	
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19	
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20	
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19	
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19	

Table H-172 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.2E-02	2.4E-02					5.7E-07	2.6E-06
Antimony	1.6E-17			7.7E-07	4.8E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	3.8E-11	5.2E-11
Arsenic	8.1E-16	2.7E-06	4.6E-07	6.4E-06	2.2E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	5.2E-10	3.9E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				3.3E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.6E-09	4.0E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				2.7E-02	4.0E-02					1.3E-06	4.3E-06
Lead	6.9E-18			1.1E-04	5.3E-05	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.5E-09	5.7E-09
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				2.7E-08	2.7E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	5.2E-08	3.2E-07
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19

Table H-172 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	7.9E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.7E-08	8.5E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Thallium (Soluble Salts)				8.1E-08	1.4E-07					4.0E-12	1.6E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	1.6E-07	2.8E-12	1.5E-07	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	2.3E-09	1.4E-08
Benzo(a)pyrene	3.1E-12	1.7E-07	1.2E-12	1.5E-07	2.3E-12	1.2E-09	2.7E-09	1.5E-10	1.5E-10	7.6E-12	2.4E-16
Benzo(b)fluoranthene	8.3E-13	3.0E-07	7.3E-14	2.7E-07	1.3E-13	1.3E-09	3.0E-09	1.6E-10	1.6E-10	1.3E-11	1.4E-17
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	1.2E-07	9.7E-14	1.1E-07	1.8E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	5.5E-12	1.9E-17

Table H-172 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.4E-07	3.8E-12	2.1E-07	6.9E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.0E-11	7.4E-16
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	4.7E-13	3.1E-13	8.6E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	1.5E-17	9.3E-17
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	9.4E-08	1.3E-12	8.6E-08	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	4.2E-12	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16

Table H-172 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				6.8E-06	7.8E-08					2.2E-07	1.3E-06
Dieldrin		2.7E-08		3.2E-08						1.6E-12	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18

Table H-172 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						5.9E-03					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.3E-05	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.2E-04	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		

Table H-172 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.6E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					3.7E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					2.1E-04	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		

Table H-172 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09				
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11				
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08				
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08				
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12				
Trichloroethene	6.8E-21					5.0E-06	1.7E-11	9.1E-13	9.1E-13				
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11				
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10				

Table H-173 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						7.2E-05	1.7E-04	9.0E-06	9.0E-06		
Aldehydes											
Acetaldehyde	7.9E-15					1.2E-04	2.9E-04	1.6E-05	1.6E-05		
Formaldehyde	3.9E-14					4.1E-01	2.3E+00	6.6E-06	6.6E-06		
Propionaldehyde				1.9E-16	5.4E-16	1.4E-05	3.1E-05	1.7E-06	1.7E-06	1.4E-12	8.9E-12
CO											
Carbon monoxide						3.8E-03	8.8E-03	4.8E-04	4.8E-04		
CO2											
Carbon dioxide						1.2E-04	2.8E-04	1.5E-05	1.5E-05		
Criteria											
Sulfur Dioxide						3.2E-05	7.5E-05	4.1E-06	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	7.8E-20	6.4E-17	9.0E-17	2.5E-16	7.1E-16	7.3E-11	1.7E-10	9.1E-12	9.1E-12	1.2E-17	7.7E-17
1,2,3,4,6,7,8-HpCDF	7.6E-20	6.5E-17	9.1E-17	2.6E-16	7.2E-16	7.3E-11	1.7E-10	9.2E-12	9.2E-12	1.3E-17	7.8E-17
1,2,3,4,7,8,9-HpCDF	1.2E-20	7.5E-18	1.0E-17	2.9E-17	8.2E-17	9.3E-12	2.1E-11	1.2E-12	1.2E-12	1.4E-18	8.9E-18
1,2,3,4,7,8-HxCDD	9.4E-20	7.3E-18	1.0E-17	2.9E-17	8.1E-17	8.7E-12	2.0E-11	1.1E-12	1.1E-12	1.4E-18	8.7E-18
1,2,3,4,7,8-HxCDF	6.5E-19	5.8E-17	8.1E-17	2.3E-16	6.4E-16	7.1E-11	1.6E-10	8.9E-12	8.9E-12	1.1E-17	6.9E-17
1,2,3,6,7,8-HxCDD	1.8E-19	1.5E-17	2.1E-17	5.9E-17	1.6E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	2.9E-18	1.8E-17
1,2,3,6,7,8-HxCDF	2.4E-19	1.9E-17	2.7E-17	7.5E-17	2.1E-16	2.3E-11	5.3E-11	2.9E-12	2.9E-12	3.7E-18	2.3E-17
1,2,3,7,8,9-HxCDD	2.6E-19	2.4E-17	3.3E-17	9.3E-17	2.6E-16	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.5E-18	2.8E-17
1,2,3,7,8,9-HxCDF	2.1E-20	1.4E-18	1.9E-18	5.4E-18	1.5E-17	1.8E-12	4.1E-12	2.2E-13	2.2E-13	2.6E-19	1.6E-18
1,2,3,7,8-PeCDD	5.9E-19	8.3E-18	1.2E-17	3.3E-17	9.1E-17	1.1E-11	2.6E-11	1.4E-12	1.4E-12	1.6E-18	9.9E-18
1,2,3,7,8-PeCDF	8.2E-19	9.7E-18	1.4E-17	3.8E-17	1.1E-16	1.6E-11	3.6E-11	2.0E-12	2.0E-12	1.9E-18	1.2E-17

Table H-173 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	3.5E-19	3.0E-17	4.2E-17	1.2E-16	3.3E-16	3.6E-11	8.2E-11	4.5E-12	4.5E-12	5.7E-18	3.5E-17
2,3,4,7,8-PeCDF	1.3E-18	2.3E-17	3.2E-17	9.2E-17	2.6E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	4.5E-18	2.8E-17
2,3,7,8-TCDD	2.1E-19	1.7E-18	2.4E-18	6.7E-18	1.9E-17	4.4E-12	1.0E-11	5.6E-13	5.6E-13	2.3E-16	1.4E-15
2,3,7,8-TCDF	6.8E-19	3.1E-18	4.3E-18	1.2E-17	3.4E-17	1.6E-11	3.8E-11	2.0E-12	2.0E-12	6.0E-19	3.7E-18
OCDD	1.0E-21	4.4E-17	6.1E-17	1.7E-16	4.8E-16	4.8E-11	1.1E-10	6.0E-12	6.0E-12	8.4E-18	5.2E-17
OCDF	3.9E-22	1.7E-17	2.3E-17	6.6E-17	1.9E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	3.2E-18	2.0E-17
HCN											
Hydrogen cyanide						1.4E-05	3.1E-05	1.7E-06	1.7E-06		
Metals											
Aluminum				9.9E-04	1.6E-03					4.9E-05	1.8E-04
Antimony	1.3E-18			6.6E-08	1.4E-08	8.9E-07	2.1E-06	1.1E-07	1.1E-07	3.2E-09	1.6E-09
Arsenic	7.0E-17	2.3E-07	1.6E-08	5.5E-07	7.4E-08	5.1E-08	1.2E-07	6.4E-09	6.4E-09	4.5E-08	1.3E-08
Barium	1.6E-13			1.5E-10	4.3E-10	1.1E-05	2.5E-05	1.3E-06	1.3E-06	7.5E-12	4.6E-11
Beryllium	2.8E-18			9.0E-17	2.5E-16	3.7E-09	8.5E-09	4.6E-10	4.6E-10	4.4E-18	2.7E-17
Cadmium	7.2E-16			7.0E-17	2.0E-16	6.5E-08	1.5E-07	8.1E-09	8.1E-09	3.4E-18	2.1E-17
Chromium	1.9E-16			4.6E-12	1.3E-11	5.5E-07	1.3E-06	6.9E-08	6.9E-08	2.2E-13	1.4E-12
Cobalt				2.8E-06	5.4E-06	8.4E-07	1.9E-06	1.1E-07	1.1E-07	1.4E-07	5.9E-07
Copper				1.7E-11	4.7E-11	1.5E-06	3.5E-06	1.9E-07	1.9E-07	8.2E-13	5.0E-12
Iron				2.3E-03	3.7E-03					1.2E-04	4.0E-04
Lead	5.9E-19			9.5E-06	1.2E-05	5.1E-07	1.2E-06	6.4E-08	6.4E-08	4.7E-07	1.3E-06
Manganese				6.8E-14	1.9E-13	4.7E-07	1.1E-06	5.8E-08	5.8E-08	3.3E-15	2.1E-14
Mercury (+2)				1.5E-15	4.1E-15	2.0E-09	4.7E-09	2.5E-10	2.5E-10	7.2E-17	4.4E-16
Mercury, elemental				2.3E-09	3.8E-09	8.4E-12	1.9E-11	1.1E-12	1.1E-12	4.4E-06	2.7E-05
Methyl Mercury	5.6E-16			8.7E-17	2.4E-16					4.3E-18	2.6E-17

Table H-173 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	2.8E-16			4.8E-05	1.1E-04	3.0E-07	6.9E-07	3.7E-08	3.7E-08	2.3E-06	1.2E-05
Phosphorus				6.4E-16	1.8E-15	2.3E-06	5.2E-06	2.8E-07	2.8E-07	6.2E-12	3.8E-11
Selenium	2.4E-17			3.5E-18	9.7E-18	1.5E-08	3.5E-08	1.9E-09	1.9E-09	1.7E-19	1.0E-18
Silver	1.6E-17			5.6E-14	1.6E-13	9.8E-09	2.3E-08	1.2E-09	1.2E-09	2.7E-15	1.7E-14
Thallium (Soluble Salts)				7.0E-09						3.4E-10	
Titanium				6.9E-16	1.9E-15	5.2E-09	1.2E-08	6.5E-10	6.5E-10	3.4E-17	2.1E-16
Zinc	3.5E-13			1.6E-14	4.4E-14	1.2E-05	2.7E-05	1.5E-06	1.5E-06	7.7E-16	4.8E-15
NOx											
NOx (Oxides of Nitrogen)						1.3E-04	3.1E-04	1.7E-05	1.7E-05		
PAHs											
1-Methylnaphthalene		2.0E-17	2.9E-17	1.9E-17	5.2E-17	2.8E-06	6.5E-06	3.5E-07	3.5E-07	2.1E-14	1.3E-13
1-Methylphenanthrene				1.2E-14	3.5E-14	3.4E-07	7.8E-07	4.2E-08	4.2E-08	6.1E-16	3.7E-15
2,3,5-Trimethylnaphthalene				5.8E-15	1.6E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	2.8E-16	1.8E-15
2,6-Dimethylnaphthalene				1.6E-14	4.4E-14	4.4E-07	1.0E-06	5.5E-08	5.5E-08	7.8E-16	4.8E-15
2-Methylnaphthalene		2.0E-17	2.8E-17	1.8E-17	5.0E-17	2.7E-06	6.3E-06	3.4E-07	3.4E-07	2.1E-14	1.3E-13
Acenaphthylene				5.1E-14	1.4E-13	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.5E-15	1.5E-14
Acenaphthene	2.9E-16					3.0E-07	6.8E-07	3.7E-08	3.7E-08		
Anthracene	3.7E-15					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Benzo(a)anthracene	5.3E-13	1.4E-08	2.0E-13	1.3E-08	3.6E-13	2.6E-07	5.9E-07	3.2E-08	3.2E-08	1.9E-07	1.2E-06
Benzo(a)pyrene	2.6E-13	1.5E-08	1.1E-08	1.3E-08	2.1E-08	1.0E-07	2.3E-07	1.3E-08	1.3E-08	6.5E-10	2.2E-09
Benzo(b)fluoranthene	7.1E-14	2.6E-08	1.0E-08	2.3E-08	1.8E-08	1.1E-07	2.6E-07	1.4E-08	1.4E-08	1.2E-09	2.0E-09
Benzo(e)pyrene				2.9E-15	8.2E-15	8.6E-08	2.0E-07	1.1E-08	1.1E-08	1.4E-16	8.8E-16
Benzo(g,h,i)perylene				2.1E-15	6.0E-15	6.6E-08	1.5E-07	8.2E-09	8.2E-09	1.1E-16	6.5E-16
Benzo(k)fluoranthene	5.3E-16	1.0E-08	5.4E-15	9.5E-09	9.9E-15	1.0E-09	2.3E-09	1.2E-10	1.2E-10	4.7E-10	1.1E-15

Table H-173 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				2.9E-16	8.0E-16	9.5E-06	2.2E-05	1.2E-06	1.2E-06	1.7E-13	1.0E-12
Chrysene	9.0E-14	2.0E-08	2.5E-13	1.8E-08	4.5E-13	4.4E-07	1.0E-06	5.5E-08	5.5E-08	9.0E-10	4.9E-14
Dibenze(a,h)anthracene	1.3E-14	2.3E-14	3.2E-14	2.1E-14	5.8E-14	1.6E-08	3.7E-08	2.0E-09	2.0E-09	1.0E-15	6.2E-15
Fluoranthene	2.4E-14	5.2E-15	7.2E-15	4.7E-15	1.3E-14	6.4E-07	1.5E-06	8.0E-08	8.0E-08	2.3E-16	1.4E-15
Fluorene	5.2E-15					1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Indeno(1,2,3-cd)pyrene	3.2E-14	8.1E-09	9.0E-14	7.3E-09	1.6E-13	5.3E-08	1.2E-07	6.6E-09	6.6E-09	3.6E-10	1.8E-14
Napthalene	2.4E-15					1.3E-05	2.9E-05	1.6E-06	1.6E-06		
Perylene				1.1E-15	3.2E-15	4.0E-08	9.1E-08	4.9E-09	4.9E-09	5.5E-17	3.4E-16
Phenanthrene	2.5E-14					3.0E-06	6.9E-06	3.8E-07	3.8E-07		
Pyrene	1.7E-14	1.4E-14	2.0E-14	1.3E-14	3.6E-14	6.3E-07	1.4E-06	7.8E-08	7.8E-08	3.6E-13	2.2E-12
Particulate											
Particulate Total Suspended Particulate				2.6E-10	7.2E-10	2.0E-03	4.6E-03	2.5E-04	2.5E-04	1.3E-11	7.7E-11
PM<10				3.3E-10	9.2E-10	2.6E-03	6.1E-03	3.3E-04	3.3E-04	1.6E-11	9.9E-11
PM<2.5				2.7E-10	7.6E-10	2.3E-03	5.2E-03	2.8E-04	2.8E-04	1.3E-11	8.2E-11
PCBs											
Dichlorobiphenyl	5.2E-16	3.0E-17	4.2E-17	2.6E-17	7.2E-17	8.0E-09	1.8E-08	9.9E-10	9.9E-10	2.4E-15	1.5E-14
Heptachlorobiphenyl	2.0E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	1.1E-10	2.5E-10	1.4E-11	1.4E-11	1.5E-16	9.2E-16
Hexachlorobiphenyl	7.9E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	4.6E-10	1.1E-09	5.7E-11	5.7E-11	6.7E-16	4.1E-15
Monochlorobiphenyl	3.6E-15	2.1E-16	2.9E-16	1.8E-16	5.0E-16	5.5E-08	1.3E-07	6.9E-09	6.9E-09	1.7E-14	1.0E-13
Nonachlorobiphenyl	2.4E-18	6.1E-19	8.6E-19	5.2E-19	1.4E-18	1.5E-11	3.6E-11	1.9E-12	1.9E-12	2.6E-17	1.6E-16
Octachlorobiphenyl	5.8E-18	1.1E-18	1.6E-18	9.5E-19	2.7E-18	3.3E-11	7.7E-11	4.2E-12	4.2E-12	4.8E-17	3.0E-16
Pentachlorobiphenyl	2.6E-16	5.6E-17	7.9E-17	4.8E-17	1.3E-16	1.6E-09	3.6E-09	2.0E-10	2.0E-10	2.4E-15	1.5E-14
Tetrachlorobiphenyl	1.5E-16	1.2E-17	1.6E-17	9.8E-18	2.7E-17	2.6E-09	6.0E-09	3.2E-10	3.2E-10	9.1E-16	5.6E-15
Trichlorobiphenyl	2.0E-16	1.4E-17	1.9E-17	1.2E-17	3.3E-17	3.3E-09	7.6E-09	4.1E-10	4.1E-10	1.1E-15	6.8E-15

Table H-173 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				5.9E-07	2.4E-08					1.9E-05	1.1E-04
Dieldrin		2.3E-09		2.7E-09						1.3E-10	
SVOCs											
1,2,4-trichlorobenzene						2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2-dichlorobenzene	2.4E-19					9.3E-09	2.2E-08	1.2E-09	1.2E-09		
1,3-dichlorobenzene	5.9E-19					1.4E-08	3.2E-08	1.7E-09	1.7E-09		
1,4-dichlorobenzene	7.9E-18					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
2,4-Dimethylphenol	2.2E-16					2.0E-06	4.7E-06	2.5E-07	2.5E-07		
2-Chlorophenol	1.1E-17					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
2-Methylphenol	4.5E-15					4.8E-06	1.1E-05	6.0E-07	6.0E-07		
2-Nitrophenol	2.7E-17					6.5E-07	1.5E-06	8.1E-08	8.1E-08		
3-Methylphenol & 4-Methylphenol				3.2E-13	8.8E-13	8.6E-06	2.0E-05	1.1E-06	1.1E-06	1.5E-14	9.5E-14
4-Nitrophenol	5.6E-17					1.1E-06	2.5E-06	1.3E-07	1.3E-07		
Acetophenone	3.4E-16					1.0E-05	2.3E-05	1.3E-06	1.3E-06		
Benzoic acid	1.4E-15					4.6E-05	1.1E-04	5.8E-06	5.8E-06		
Benzyl alcohol	8.4E-19					3.9E-07	8.9E-07	4.8E-08	4.8E-08		
bis(2-Ethylhexyl) phthalate	4.2E-14	5.7E-13	8.0E-13	6.8E-13	1.9E-12	1.6E-05	3.8E-05	2.0E-06	2.0E-06	3.3E-14	2.0E-13
Butyl benzyl phthalate	1.5E-14	2.8E-16	3.9E-16	3.3E-16	9.2E-16	5.1E-07	1.2E-06	6.4E-08	6.4E-08	1.6E-17	9.9E-17
Carbazole				1.2E-15	3.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	5.9E-17	3.6E-16
Dibenzofuran		1.2E-17	1.7E-17	4.8E-17	1.4E-16	8.2E-07	1.9E-06	1.0E-07	1.0E-07	2.1E-14	1.3E-13
Dimethyl phthalate	5.5E-18					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
Di-n-butyl phthalate	1.4E-13	2.8E-16	3.9E-16	3.3E-16	9.2E-16	7.9E-07	1.8E-06	9.8E-08	9.8E-08	1.6E-17	9.9E-17
Di-n-octyl phthalate	1.1E-18	8.0E-16	1.1E-15	9.5E-16	2.7E-15	5.5E-08	1.3E-07	6.9E-09	6.9E-09	4.7E-17	2.9E-16

Table H-173 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	5.8E-16					3.8E-06	8.8E-06	4.8E-07	4.8E-07		
Isopropanol						5.1E-01					
Phenol	1.3E-14					2.6E-05	6.0E-05	3.2E-06	3.2E-06		
Pyridine	6.6E-16					2.4E-06	5.7E-06	3.1E-07	3.1E-07		
TRS											
Total Reduced Sulfur						2.5E-05	5.8E-05	3.1E-06	3.1E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.3E-19					1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,1,1-Trichloroethane	1.5E-20					1.1E-08	2.6E-08	1.4E-09	1.4E-09		
1,1-Dichloroethene	5.1E-22					2.2E-09	5.1E-09	2.8E-10	2.8E-10		
1,2,3-Trichlorobenzene	1.6E-17					4.6E-08	1.1E-07	5.7E-09	5.7E-09		
1,2,3-Trichloropropane	9.3E-20					9.3E-09	2.1E-08	1.2E-09	1.2E-09		
1,2,4-Trimethylbenzene						5.3E-07	1.2E-06	6.7E-08	6.7E-08		
1,2-Dibromoethane	3.2E-20					5.9E-09	1.4E-08	7.4E-10	7.4E-10		
1,2-Dichloroethane	1.0E-18					2.0E-03	5.5E-07	8.6E-05	8.6E-05		
1,3,5-Trimethylbenzene	5.2E-18					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
1,3-Dichloropropane						5.7E-09	1.3E-08	7.2E-10	7.2E-10		
2-Butanone	2.1E-16					2.8E-06	6.5E-06	3.5E-07	3.5E-07		
2-Chlorotoluene						1.3E-07	2.9E-07	1.6E-08	1.6E-08		
2-Hexanone						5.8E-07	1.3E-06	7.2E-08	7.2E-08		
Benzene	1.7E-16					7.0E-02	1.7E-04	8.3E-04	8.3E-04		
Bromobenzene						3.2E-06	7.4E-06	4.0E-07	4.0E-07		
Bromochloromethane						7.6E-09	1.7E-08	9.4E-10	9.4E-10		
Bromodichloromethane	2.7E-20					8.2E-09	1.9E-08	1.0E-09	1.0E-09		

Table H-173 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromomethane	1.1E-19					3.3E-07	7.5E-07	4.1E-08	4.1E-08		
Carbon disulfide	1.1E-19					2.9E-07	6.6E-07	3.6E-08	3.6E-08		
Carbon tetrachloride	1.2E-20					1.3E-02	4.3E-08	1.3E-03	1.3E-03		
Chlorobenzene	4.0E-18					4.1E-07	9.5E-07	5.2E-08	5.2E-08		
Chlorodibromomethane	1.6E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
Chloroethane	3.2E-19					7.8E-07	1.8E-06	9.8E-08	9.8E-08		
Chloroform	2.4E-19					3.1E-03	3.9E-07	2.1E-04	2.1E-04		
Chloromethane	8.4E-19					2.7E-06	6.1E-06	3.3E-07	3.3E-07		
cis-1,2-Dichloroethene	3.3E-19					3.4E-07	7.9E-07	4.3E-08	4.3E-08		
cis-1,3-Dichloropropene						2.1E-09	4.8E-09	2.6E-10	2.6E-10		
Dibromomethane	3.6E-20					1.7E-08	4.0E-08	2.2E-09	2.2E-09		
Dichlorodifluoromethane	4.0E-22					2.1E-08	4.9E-08	2.7E-09	2.7E-09		
Ethylbenzene	1.3E-16					1.8E-02	3.9E-05	2.1E-06	2.1E-06		
Isopropylbenzene	1.7E-19					1.4E-06	3.1E-06	1.7E-07	1.7E-07		
m&p-Xylene	2.0E-17					3.1E-06	7.2E-06	3.9E-07	3.9E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.1E-19					3.1E-08	7.1E-08	3.8E-09	3.8E-09		
Methylene chloride	2.2E-18					1.5E-06	3.6E-06	1.9E-07	1.9E-07		
n-Butylbenzene						6.7E-07	1.5E-06	8.3E-08	8.3E-08		
n-Propylbenzene						8.0E-07	1.9E-06	1.0E-07	1.0E-07		
o-Xylene	2.4E-17					2.0E-06	4.5E-06	2.5E-07	2.5E-07		
p-Chlorotoluene						4.8E-08	1.1E-07	5.9E-09	5.9E-09		
p-Isopropyltoluene						3.3E-07	7.6E-07	4.1E-08	4.1E-08		
sec-Butylbenzene						1.2E-07	2.8E-07	1.5E-08	1.5E-08		
Styrene	8.0E-16					4.4E-05	1.0E-04	5.5E-06	5.5E-06		

Table H-173 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)
tert-Butylbenzene						3.9E-06	9.0E-06	4.9E-07	4.9E-07			
Tetrachloroethene	5.7E-20					1.0E-08	2.4E-08	1.3E-09	1.3E-09			
Toluene	1.3E-16					2.7E-05	6.2E-05	3.4E-06	3.4E-06			
trans-1,2-Dichloroethene	5.0E-18					7.2E-06	1.7E-05	9.1E-07	9.1E-07			
trans-1,3-Dichloropropene						3.6E-09	8.4E-09	4.5E-10	4.5E-10			
Trichloroethene	5.8E-22					4.3E-04	1.4E-09	7.8E-11	7.8E-11			
Trichlorofluoromethane	9.0E-22					7.5E-09	1.7E-08	9.4E-10	9.4E-10			
Vinyl chloride	4.1E-20					4.2E-07	9.8E-07	5.3E-08	5.3E-08			

Table H-174 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					4.8E-03	2.7E-02	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19

Table H-174 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.2E-02	1.9E-02					5.7E-07	2.1E-06
Antimony	1.6E-17			7.7E-07	1.7E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	3.8E-11	1.8E-11
Arsenic	8.1E-16	2.7E-06	1.8E-07	6.4E-06	8.6E-07	5.9E-10	1.4E-09	7.4E-11	7.4E-11	5.2E-10	1.6E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				3.3E-05	6.4E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.6E-09	6.9E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				2.7E-02	4.3E-02					1.3E-06	4.7E-06
Lead	6.9E-18			1.1E-04	1.4E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.5E-09	1.6E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				2.7E-08	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	5.2E-08	3.2E-07
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19

Table H-174 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	1.3E-03	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.7E-08	1.4E-07
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Thallium (Soluble Salts)				8.1E-08						4.0E-12	
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	1.6E-07	2.8E-12	1.5E-07	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	2.3E-09	1.4E-08
Benzo(a)pyrene	3.1E-12	1.7E-07	1.3E-07	1.5E-07	2.4E-07	1.2E-09	2.7E-09	1.5E-10	1.5E-10	7.6E-12	2.6E-11
Benzo(b)fluoranthene	8.3E-13	3.0E-07	1.2E-07	2.7E-07	2.2E-07	1.3E-09	3.0E-09	1.6E-10	1.6E-10	1.3E-11	2.3E-11
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	1.2E-07	9.7E-14	1.1E-07	1.8E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	5.5E-12	1.9E-17

Table H-174 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.4E-07	3.8E-12	2.1E-07	6.9E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.0E-11	7.4E-16
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	4.7E-13	3.1E-13	8.6E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	1.5E-17	9.3E-17
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	9.4E-08	1.3E-12	8.6E-08	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	4.2E-12	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16

Table H-174 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				6.8E-06	2.8E-07					2.2E-07	1.3E-06
Dieldrin		2.7E-08		3.2E-08						1.6E-12	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18

Table H-174 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						5.9E-03					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.3E-05	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.2E-04	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		

Table H-174 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.6E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					3.7E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					2.1E-04	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		

Table H-174 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09			
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11			
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08			
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08			
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12			
Trichloroethene	6.8E-21					5.0E-06	1.7E-11	9.1E-13	9.1E-13			
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11			
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10			

Table H-175 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						7.2E-05	2.6E-03	9.0E-06	8.5E-04		
Aldehydes											
Acetaldehyde	7.9E-15					1.2E-04	4.4E-03	1.6E-05	1.5E-03		
Formaldehyde	3.9E-14					4.1E-01	1.7E-03	6.6E-06	5.8E-04		
Propionaldehyde				1.9E-16	6.2E-15	1.4E-05	4.9E-04	1.7E-06	1.6E-04	1.4E-12	1.0E-10
CO											
Carbon monoxide						3.8E-03	1.4E-01	4.8E-04	4.8E-02		
CO2											
Carbon dioxide						1.2E-04	4.3E-03	1.5E-05	1.4E-03		
Criteria											
Sulfur Dioxide						3.2E-05	1.0E-03	4.1E-06	3.5E-04		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	7.8E-20	6.4E-17	1.2E-15	2.5E-16	9.5E-15	7.3E-11	2.9E-09	9.1E-12	9.7E-10	1.2E-17	1.0E-15
1,2,3,4,6,7,8-HpCDF	7.6E-20	6.5E-17	1.2E-15	2.6E-16	9.5E-15	7.3E-11	2.9E-09	9.2E-12	9.7E-10	1.3E-17	1.0E-15
1,2,3,4,7,8,9-HpCDF	1.2E-20	7.5E-18	1.5E-16	2.9E-17	1.1E-15	9.3E-12	3.8E-10	1.2E-12	1.3E-10	1.4E-18	1.2E-16
1,2,3,4,7,8-HxCDD	9.4E-20	7.3E-18	1.4E-16	2.9E-17	1.1E-15	8.7E-12	3.5E-10	1.1E-12	1.2E-10	1.4E-18	1.2E-16
1,2,3,4,7,8-HxCDF	6.5E-19	5.8E-17	1.1E-15	2.3E-16	8.8E-15	7.1E-11	2.9E-09	8.9E-12	9.6E-10	1.1E-17	9.5E-16
1,2,3,6,7,8-HxCDD	1.8E-19	1.5E-17	2.9E-16	5.9E-17	2.3E-15	1.8E-11	7.4E-10	2.3E-12	2.5E-10	2.9E-18	2.5E-16
1,2,3,6,7,8-HxCDF	2.4E-19	1.9E-17	3.7E-16	7.5E-17	2.9E-15	2.3E-11	9.4E-10	2.9E-12	3.1E-10	3.7E-18	3.2E-16
1,2,3,7,8,9-HxCDD	2.6E-19	2.4E-17	4.5E-16	9.3E-17	3.6E-15	2.8E-11	1.1E-09	3.5E-12	3.8E-10	4.5E-18	3.9E-16
1,2,3,7,8,9-HxCDF	2.1E-20	1.4E-18	2.7E-17	5.4E-18	2.1E-16	1.8E-12	7.2E-11	2.2E-13	2.4E-11	2.6E-19	2.3E-17
1,2,3,7,8-PeCDD	5.9E-19	8.3E-18	1.6E-16	3.3E-17	1.3E-15	1.1E-11	4.5E-10	1.4E-12	1.5E-10	1.6E-18	1.4E-16
1,2,3,7,8-PeCDF	8.2E-19	9.7E-18	1.9E-16	3.8E-17	1.5E-15	1.6E-11	6.5E-10	2.0E-12	2.2E-10	1.9E-18	1.6E-16

Table H-175 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	3.5E-19	3.0E-17	5.6E-16	1.2E-16	4.4E-15	3.6E-11	1.4E-09	4.5E-12	4.8E-10	5.7E-18	4.8E-16
2,3,4,7,8-PeCDF	1.3E-18	2.3E-17	4.6E-16	9.2E-17	3.6E-15	3.5E-11	1.4E-09	4.4E-12	4.8E-10	4.5E-18	3.9E-16
2,3,7,8-TCDD	2.1E-19	1.7E-18	2.5E-17	6.7E-18	1.9E-16	4.4E-12	1.5E-10	5.6E-13	5.0E-11	2.3E-16	1.5E-14
2,3,7,8-TCDF	6.8E-19	3.1E-18	6.2E-17	1.2E-17	4.9E-16	1.6E-11	6.7E-10	2.0E-12	2.2E-10	6.0E-19	5.2E-17
OCDD	1.0E-21	4.4E-17	8.0E-16	1.7E-16	6.3E-15	4.8E-11	1.9E-09	6.0E-12	6.4E-10	8.4E-18	6.8E-16
OCDF	3.9E-22	1.7E-17	3.0E-16	6.6E-17	2.4E-15	1.8E-11	7.0E-10	2.3E-12	2.3E-10	3.2E-18	2.6E-16
HCN											
Hydrogen cyanide						1.4E-05	5.3E-04	1.7E-06	1.8E-04		
Metals											
Aluminum				9.9E-04						4.9E-05	
Antimony	1.3E-18			6.6E-08		8.9E-07	2.2E-05	1.1E-07	7.4E-06	3.2E-09	
Arsenic	7.0E-17	2.3E-07	4.1E-18	5.5E-07	2.0E-17	5.1E-08	1.8E-06	6.4E-09	6.0E-07	4.5E-08	3.5E-18
Barium	1.6E-13			1.5E-10	5.3E-09	1.1E-05	2.9E-04	1.3E-06	9.7E-05	7.5E-12	5.7E-10
Beryllium	2.8E-18			9.0E-17	3.4E-15	3.7E-09	1.2E-07	4.6E-10	4.1E-08	4.4E-18	3.6E-16
Cadmium	7.2E-16			7.0E-17	2.7E-15	6.5E-08	2.3E-06	8.1E-09	7.6E-07	3.4E-18	2.9E-16
Chromium	1.9E-16			4.6E-12	1.8E-10	5.5E-07	2.0E-05	6.9E-08	6.6E-06	2.2E-13	1.9E-11
Cobalt				2.8E-06	4.8E-10	8.4E-07	1.5E-05	1.1E-07	5.1E-06	1.4E-07	5.2E-11
Copper				1.7E-11	6.3E-10	1.5E-06	5.2E-05	1.9E-07	1.7E-05	8.2E-13	6.8E-11
Iron				2.3E-03						1.2E-04	
Lead	5.9E-19			9.5E-06	3.3E-13	5.1E-07	1.7E-05	6.4E-08	5.6E-06	4.7E-07	3.5E-14
Manganese				6.8E-14	2.6E-12	4.7E-07	1.6E-05	5.8E-08	5.4E-06	3.3E-15	2.8E-13
Mercury (+2)				1.5E-15	4.5E-14	2.0E-09	7.1E-08	2.5E-10	2.4E-08	7.2E-17	4.9E-15
Mercury, elemental				2.3E-09		8.4E-12	3.0E-10	1.1E-12	9.9E-11	4.4E-06	
Methyl Mercury	5.6E-16			8.7E-17	3.4E-15					4.3E-18	3.6E-16

Table H-175 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	2.8E-16			4.8E-05	1.3E-14	3.0E-07	1.0E-05	3.7E-08	3.4E-06	2.3E-06	1.4E-15
Phosphorus				6.4E-16	2.4E-14	2.3E-06	7.4E-05	2.8E-07	2.5E-05	6.2E-12	5.0E-10
Selenium	2.4E-17			3.5E-18	1.3E-16	1.5E-08	5.2E-07	1.9E-09	1.7E-07	1.7E-19	1.4E-17
Silver	1.6E-17			5.6E-14	2.1E-12	9.8E-09	3.2E-07	1.2E-09	1.1E-07	2.7E-15	2.2E-13
Thallium (Soluble Salts)				7.0E-09						3.4E-10	
Titanium				6.9E-16	2.8E-14	5.2E-09	2.0E-07	6.5E-10	6.5E-08	3.4E-17	3.0E-15
Zinc	3.5E-13			1.6E-14	5.6E-13	1.2E-05	3.4E-04	1.5E-06	1.1E-04	7.7E-16	6.0E-14
NOx											
NOx (Oxides of Nitrogen)						1.3E-04	4.5E-03	1.7E-05	1.5E-03		
PAHs											
1-Methylnaphthalene		2.0E-17	4.2E-16	1.9E-17	7.6E-16	2.8E-06	1.2E-04	3.5E-07	3.9E-05	2.1E-14	1.9E-12
1-Methylphenanthrene				1.2E-14	5.1E-13	3.4E-07	1.4E-05	4.2E-08	4.7E-06	6.1E-16	5.5E-14
2,3,5-Trimethylnaphthalene				5.8E-15	2.5E-13	1.7E-07	7.2E-06	2.1E-08	2.4E-06	2.8E-16	2.7E-14
2,6-Dimethylnaphthalene				1.6E-14	6.7E-13	4.4E-07	1.9E-05	5.5E-08	6.2E-06	7.8E-16	7.2E-14
2-Methylnaphthalene		2.0E-17	4.0E-16	1.8E-17	7.4E-16	2.7E-06	1.1E-04	3.4E-07	3.8E-05	2.1E-14	1.9E-12
Acenaphthylene				5.1E-14	2.2E-12	1.6E-06	6.8E-05	2.0E-07	2.3E-05	2.5E-15	2.3E-13
Acenaphthene	2.9E-16					3.0E-07	1.2E-05	3.7E-08	4.1E-06		
Anthracene	3.7E-15					5.2E-07	2.2E-05	6.5E-08	7.3E-06		
Benzo(a)anthracene	5.3E-13	1.4E-08	3.1E-12	1.3E-08	5.7E-12	2.6E-07	1.1E-05	3.2E-08	3.7E-06	1.9E-07	1.9E-10
Benzo(a)pyrene	2.6E-13	1.5E-08	1.4E-12	1.3E-08	2.5E-12	1.0E-07	4.2E-06	1.3E-08	1.4E-06	6.5E-10	2.7E-13
Benzo(b)fluoranthene	7.1E-14	2.6E-08	7.3E-14	2.3E-08	1.3E-13	1.1E-07	4.5E-06	1.4E-08	1.5E-06	1.2E-09	1.4E-14
Benzo(e)pyrene				2.9E-15	1.1E-13	8.6E-08	3.5E-06	1.1E-08	1.2E-06	1.4E-16	1.2E-14
Benzo(g,h,i)perylene				2.1E-15	8.7E-14	6.6E-08	2.7E-06	8.2E-09	9.1E-07	1.1E-16	9.4E-15
Benzo(k)fluoranthene	5.3E-16	1.0E-08	3.6E-14	9.5E-09	6.5E-14	1.0E-09	1.8E-08	1.2E-10	5.9E-09	4.7E-10	7.0E-15

Table H-175 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				2.9E-16	1.2E-14	9.5E-06	4.0E-04	1.2E-06	1.3E-04	1.7E-13	1.5E-11
Chrysene	9.0E-14	2.0E-08	3.6E-12	1.8E-08	6.5E-12	4.4E-07	1.8E-05	5.5E-08	6.0E-06	9.0E-10	7.1E-13
Dibenze(a,h)anthracene	1.3E-14	2.3E-14	4.5E-13	2.1E-14	8.2E-13	1.6E-08	6.5E-07	2.0E-09	2.2E-07	1.0E-15	8.9E-14
Fluoranthene	2.4E-14	5.2E-15	1.0E-13	4.7E-15	1.9E-13	6.4E-07	2.7E-05	8.0E-08	8.9E-06	2.3E-16	2.1E-14
Fluorene	5.2E-15					1.6E-06	6.8E-05	2.0E-07	2.3E-05		
Indeno(1,2,3-cd)pyrene	3.2E-14	8.1E-09	1.3E-12	7.3E-09	2.4E-12	5.3E-08	2.2E-06	6.6E-09	7.3E-07	3.6E-10	2.5E-13
Napthalene	2.4E-15					1.3E-05	5.3E-04	1.6E-06	1.8E-04		
Perylene				1.1E-15	5.3E-14	4.0E-08	1.7E-06	4.9E-09	5.8E-07	5.5E-17	5.7E-15
Phenanthrene	2.5E-14					3.0E-06	1.2E-04	3.8E-07	4.1E-05		
Pyrene	1.7E-14	1.4E-14	2.9E-13	1.3E-14	5.3E-13	6.3E-07	2.6E-05	7.8E-08	8.7E-06	3.6E-13	3.3E-11
Particulate											
Particulate Total Suspended Particulate				2.6E-10	1.0E-08	2.0E-03	7.7E-02	2.5E-04	2.6E-02	1.3E-11	1.1E-09
PM<10				3.3E-10	1.4E-08	2.6E-03	1.0E-01	3.3E-04	3.5E-02	1.6E-11	1.5E-09
PM<2.5				2.7E-10	1.1E-08	2.3E-03	9.0E-02	2.8E-04	3.0E-02	1.3E-11	1.2E-09
PCBs											
Dichlorobiphenyl	5.2E-16	3.0E-17	6.0E-16	2.6E-17	1.0E-15	8.0E-09	3.3E-07	9.9E-10	1.1E-07	2.4E-15	2.1E-13
Heptachlorobiphenyl	2.0E-17	3.5E-18	6.7E-17	2.9E-18	1.1E-16	1.1E-10	4.4E-09	1.4E-11	1.5E-09	1.5E-16	1.3E-14
Hexachlorobiphenyl	7.9E-17	1.6E-17	2.8E-16	1.3E-17	4.8E-16	4.6E-10	1.8E-08	5.7E-11	5.9E-09	6.7E-16	5.3E-14
Monochlorobiphenyl	3.6E-15	2.1E-16	4.2E-15	1.8E-16	7.1E-15	5.5E-08	2.3E-06	6.9E-09	7.6E-07	1.7E-14	1.5E-12
Nonachlorobiphenyl	2.4E-18	6.1E-19	9.5E-18	5.2E-19	1.6E-17	1.5E-11	5.5E-10	1.9E-12	1.8E-10	2.6E-17	1.8E-15
Octachlorobiphenyl	5.8E-18	1.1E-18	2.0E-17	9.5E-19	3.5E-17	3.3E-11	1.3E-09	4.2E-12	4.3E-10	4.8E-17	3.9E-15
Pentachlorobiphenyl	2.6E-16	5.6E-17	9.6E-16	4.8E-17	1.6E-15	1.6E-09	5.9E-08	2.0E-10	2.0E-08	2.4E-15	1.8E-13
Tetrachlorobiphenyl	1.5E-16	1.2E-17	2.0E-16	9.8E-18	3.3E-16	2.6E-09	9.7E-08	3.2E-10	3.2E-08	9.1E-16	6.8E-14
Trichlorobiphenyl	2.0E-16	1.4E-17	2.5E-16	1.2E-17	4.2E-16	3.3E-09	1.3E-07	4.1E-10	4.2E-08	1.1E-15	8.6E-14

Table H-175 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				5.9E-07						1.9E-05	
Dieldrin		2.3E-09		2.7E-09						1.3E-10	
SVOCs											
1,2,4-trichlorobenzene						2.3E-08	7.4E-07	2.9E-09	2.5E-07		
1,2-dichlorobenzene	2.4E-19					9.3E-09	1.7E-07	1.2E-09	5.5E-08		
1,3-dichlorobenzene	5.9E-19					1.4E-08	4.7E-07	1.7E-09	1.6E-07		
1,4-dichlorobenzene	7.9E-18					1.3E-07	5.8E-06	1.6E-08	1.9E-06		
2,4-Dimethylphenol	2.2E-16					2.0E-06	8.1E-05	2.5E-07	2.7E-05		
2-Chlorophenol	1.1E-17					4.1E-07	1.8E-05	5.1E-08	5.9E-06		
2-Methylphenol	4.5E-15					4.8E-06	2.0E-04	6.0E-07	6.7E-05		
2-Nitrophenol	2.7E-17					6.5E-07	2.7E-05	8.1E-08	8.9E-06		
3-Methylphenol & 4-Methylphenol				3.2E-13	1.3E-11	8.6E-06	3.6E-04	1.1E-06	1.2E-04	1.5E-14	1.4E-12
4-Nitrophenol	5.6E-17					1.1E-06	4.1E-05	1.3E-07	1.4E-05		
Acetophenone	3.4E-16					1.0E-05	4.2E-04	1.3E-06	1.4E-04		
Benzoic acid	1.4E-15					4.6E-05	1.9E-03	5.8E-06	6.4E-04		
Benzyl alcohol	8.4E-19					3.9E-07	1.2E-05	4.8E-08	3.9E-06		
bis(2-Ethylhexyl) phthalate	4.2E-14	5.7E-13	1.0E-11	6.8E-13	2.4E-11	1.6E-05	6.3E-04	2.0E-06	2.1E-04	3.3E-14	2.6E-12
Butyl benzyl phthalate	1.5E-14	2.8E-16	5.7E-15	3.3E-16	1.3E-14	5.1E-07	2.1E-05	6.4E-08	7.1E-06	1.6E-17	1.5E-15
Carbazole				1.2E-15	2.2E-14	1.4E-08	2.6E-07	1.8E-09	8.6E-08	5.9E-17	2.4E-15
Dibenzofuran		1.2E-17	2.5E-16	4.8E-17	1.9E-15	8.2E-07	3.4E-05	1.0E-07	1.1E-05	2.1E-14	1.8E-12
Dimethyl phthalate	5.5E-18					2.9E-08	5.1E-07	3.6E-09	1.7E-07		
Di-n-butyl phthalate	1.4E-13	2.8E-16	5.7E-15	3.3E-16	1.4E-14	7.9E-07	3.3E-05	9.8E-08	1.1E-05	1.6E-17	1.5E-15
Di-n-octyl phthalate	1.1E-18	8.0E-16	7.4E-15	9.5E-16	1.8E-14	5.5E-08	9.8E-07	6.9E-09	3.3E-07	4.7E-17	1.9E-15

Table H-175 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	5.8E-16					3.8E-06	6.8E-05	4.8E-07	2.3E-05		
Isopropanol						5.1E-01					
Phenol	1.3E-14					2.6E-05	1.1E-03	3.2E-06	3.6E-04		
Pyridine	6.6E-16					2.4E-06	1.0E-04	3.1E-07	3.4E-05		
TRS											
Total Reduced Sulfur						2.5E-05	1.1E-03	3.1E-06	3.6E-04		
VOCs											
1,1,1,2-Tetrachloroethane	2.3E-19					1.2E-08	3.9E-07	1.4E-09	1.3E-07		
1,1,1-Trichloroethane	1.5E-20					1.1E-08	4.3E-07	1.4E-09	1.4E-07		
1,1-Dichloroethene	5.1E-22					2.2E-09	4.0E-08	2.8E-10	1.3E-08		
1,2,3-Trichlorobenzene	1.6E-17					4.6E-08	1.7E-06	5.7E-09	5.7E-07		
1,2,3-Trichloropropane	9.3E-20					9.3E-09	1.7E-07	1.2E-09	5.5E-08		
1,2,4-Trimethylbenzene						5.3E-07	1.7E-05	6.7E-08	5.6E-06		
1,2-Dibromoethane	3.2E-20					5.9E-09	1.1E-07	7.4E-10	3.5E-08		
1,2-Dichloroethane	1.0E-18					2.0E-03	9.0E-06	8.6E-05	3.0E-06		
1,3,5-Trimethylbenzene	5.2E-18					5.0E-07	1.5E-05	6.3E-08	5.0E-06		
1,3-Dichloropropane						5.7E-09	1.0E-07	7.2E-10	3.4E-08		
2-Butanone	2.1E-16					2.8E-06	1.1E-04	3.5E-07	3.7E-05		
2-Chlorotoluene						1.3E-07	5.2E-06	1.6E-08	1.7E-06		
2-Hexanone						5.8E-07	2.1E-05	7.2E-08	7.0E-06		
Benzene	1.7E-16					7.0E-02	2.9E-03	8.3E-04	9.7E-04		
Bromobenzene						3.2E-06	5.7E-05	4.0E-07	1.9E-05		
Bromochloromethane						7.6E-09	1.3E-07	9.4E-10	4.5E-08		
Bromodichloromethane	2.7E-20					8.2E-09	1.5E-07	1.0E-09	4.9E-08		

Table H-175 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromomethane	1.1E-19					3.3E-07	9.8E-06	4.1E-08	3.3E-06		
Carbon disulfide	1.1E-19					2.9E-07	8.4E-06	3.6E-08	2.8E-06		
Carbon tetrachloride	1.2E-20					1.3E-02	3.3E-07	1.3E-03	1.1E-07		
Chlorobenzene	4.0E-18					4.1E-07	1.5E-05	5.2E-08	4.9E-06		
Chlorodibromomethane	1.6E-18					2.0E-07	3.6E-06	2.5E-08	1.2E-06		
Chloroethane	3.2E-19					7.8E-07	2.7E-05	9.8E-08	9.1E-06		
Chloroform	2.4E-19					3.1E-03	3.3E-06	2.1E-04	1.1E-06		
Chloromethane	8.4E-19					2.7E-06	8.0E-05	3.3E-07	2.7E-05		
cis-1,2-Dichloroethene	3.3E-19					3.4E-07	6.1E-06	4.3E-08	2.0E-06		
cis-1,3-Dichloropropene						2.1E-09	3.7E-08	2.6E-10	1.2E-08		
Dibromomethane	3.6E-20					1.7E-08	3.1E-07	2.2E-09	1.0E-07		
Dichlorodifluoromethane	4.0E-22					2.1E-08	3.8E-07	2.7E-09	1.3E-07		
Ethylbenzene	1.3E-16					1.8E-02	6.3E-04	2.1E-06	2.1E-04		
Isopropylbenzene	1.7E-19					1.4E-06	4.6E-05	1.7E-07	1.5E-05		
m&p-Xylene	2.0E-17					3.1E-06	1.1E-04	3.9E-07	3.5E-05		
Methyl Isobutyl Ketone (4-methyl-2-per	2.1E-19					3.1E-08	5.4E-07	3.8E-09	1.8E-07		
Methylene chloride	2.2E-18					1.5E-06	5.7E-05	1.9E-07	1.9E-05		
n-Butylbenzene						6.7E-07	2.0E-05	8.3E-08	6.6E-06		
n-Propylbenzene						8.0E-07	2.6E-05	1.0E-07	8.8E-06		
o-Xylene	2.4E-17					2.0E-06	6.5E-05	2.5E-07	2.2E-05		
p-Chlorotoluene						4.8E-08	1.4E-06	5.9E-09	4.8E-07		
p-Isopropyltoluene						3.3E-07	7.9E-06	4.1E-08	2.6E-06		
sec-Butylbenzene						1.2E-07	3.7E-06	1.5E-08	1.2E-06		
Styrene	8.0E-16					4.4E-05	1.6E-03	5.5E-06	5.3E-04		

Table H-175 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)
tert-Butylbenzene						3.9E-06	7.0E-05	4.9E-07	2.3E-05				
Tetrachloroethene	5.7E-20					1.0E-08	3.6E-07	1.3E-09	1.2E-07				
Toluene	1.3E-16					2.7E-05	1.1E-03	3.4E-06	3.5E-04				
trans-1,2-Dichloroethene	5.0E-18					7.2E-06	1.3E-04	9.1E-07	4.3E-05				
trans-1,3-Dichloropropene						3.6E-09	6.5E-08	4.5E-10	2.2E-08				
Trichloroethene	5.8E-22					4.3E-04	1.1E-08	7.8E-11	3.7E-09				
Trichlorofluoromethane	9.0E-22					7.5E-09	1.3E-07	9.4E-10	4.4E-08				
Vinyl chloride	4.1E-20					4.2E-07	1.0E-05	5.3E-08	3.4E-06				

Table H-176 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	3.0E-05	1.0E-07	9.9E-06		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	5.2E-05	1.8E-07	1.7E-05		
Formaldehyde	4.5E-13					4.8E-03	2.0E-05	7.7E-08	6.8E-06		
Propionaldehyde				2.2E-15	7.2E-14	1.6E-07	5.8E-06	2.0E-08	1.9E-06	1.7E-14	1.2E-12
CO											
Carbon monoxide						4.5E-05	1.7E-03	5.6E-06	5.6E-04		
CO2											
Carbon dioxide						1.4E-06	5.0E-05	1.8E-07	1.7E-05		
Criteria											
Sulfur Dioxide						3.8E-07	1.2E-05	4.7E-08	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	2.6E-14	5.5E-15	2.1E-13	8.5E-13	3.4E-11	1.1E-13	1.1E-11	2.7E-19	2.2E-17
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.6E-14	5.5E-15	2.1E-13	8.6E-13	3.4E-11	1.1E-13	1.1E-11	2.7E-19	2.2E-17
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	3.1E-15	6.4E-16	2.5E-14	1.1E-13	4.4E-12	1.4E-14	1.5E-12	3.1E-20	2.7E-18
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	3.0E-15	6.2E-16	2.4E-14	1.0E-13	4.1E-12	1.3E-14	1.4E-12	3.1E-20	2.6E-18
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	2.4E-14	4.9E-15	1.9E-13	8.3E-13	3.3E-11	1.0E-13	1.1E-11	2.4E-19	2.1E-17
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	6.2E-15	1.3E-15	4.9E-14	2.1E-13	8.7E-12	2.7E-14	2.9E-12	6.2E-20	5.3E-18
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	8.0E-15	1.6E-15	6.3E-14	2.7E-13	1.1E-11	3.4E-14	3.6E-12	7.9E-20	6.8E-18
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	9.8E-15	2.0E-15	7.7E-14	3.2E-13	1.3E-11	4.1E-14	4.4E-12	9.8E-20	8.3E-18
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	5.8E-16	1.2E-16	4.5E-15	2.1E-14	8.4E-13	2.6E-15	2.8E-13	5.7E-21	4.9E-19
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	3.5E-15	7.0E-16	2.8E-14	1.3E-13	5.3E-12	1.6E-14	1.8E-12	3.5E-20	3.0E-18
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	4.1E-15	8.3E-16	3.3E-14	1.8E-13	7.5E-12	2.3E-14	2.5E-12	4.0E-20	3.5E-18

Table H-176 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	1.2E-14	2.5E-15	9.5E-14	4.2E-13	1.7E-11	5.2E-14	5.6E-12	1.2E-19	1.0E-17
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	9.9E-15	2.0E-15	7.8E-14	4.1E-13	1.7E-11	5.2E-14	5.6E-12	9.7E-20	8.4E-18
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.2E-16	1.4E-16	4.1E-15	5.2E-14	1.7E-12	6.5E-15	5.8E-13	4.9E-18	3.1E-16
2,3,7,8-TCDF	8.0E-18	6.6E-17	1.3E-15	2.6E-16	1.0E-14	1.9E-13	7.8E-12	2.4E-14	2.6E-12	1.3E-20	1.1E-18
OCDD	1.8E-20	9.4E-16	1.7E-14	3.7E-15	1.4E-13	5.6E-13	2.2E-11	7.0E-14	7.4E-12	1.8E-19	1.5E-17
OCDF	6.7E-21	3.6E-16	6.5E-15	1.4E-15	5.1E-14	2.1E-13	8.2E-12	2.6E-14	2.7E-12	7.0E-20	5.5E-18
HCN											
Hydrogen cyanide						1.6E-07	6.2E-06	2.0E-08	2.1E-06		
Metals											
Aluminum				1.2E-02						5.7E-07	
Antimony	1.6E-17			7.7E-07		1.0E-08	2.6E-07	1.3E-09	8.6E-08	3.8E-11	
Arsenic	8.1E-16	2.7E-06	4.8E-17	6.4E-06	2.3E-16	5.9E-10	2.1E-08	7.4E-11	7.0E-09	5.2E-10	4.1E-20
Barium	2.3E-12			3.1E-09	1.1E-07	1.3E-07	3.4E-06	1.6E-08	1.1E-06	1.5E-13	1.2E-11
Beryllium	3.3E-17			1.0E-15	3.9E-14	4.3E-11	1.5E-09	5.4E-12	4.8E-10	5.1E-20	4.3E-18
Cadmium	8.3E-15			8.2E-16	3.1E-14	7.6E-10	2.6E-08	9.5E-11	8.8E-09	4.0E-20	3.4E-18
Chromium	2.6E-15			8.3E-11	3.2E-09	6.5E-09	2.3E-07	8.1E-10	7.7E-08	4.1E-15	3.5E-13
Cobalt				3.3E-05	1.0E-08	9.8E-09	1.8E-07	1.2E-09	6.0E-08	1.6E-09	1.1E-12
Copper				3.4E-10	1.3E-08	1.8E-08	6.1E-07	2.2E-09	2.0E-07	1.6E-14	1.4E-12
Iron				2.7E-02						1.3E-06	
Lead	6.9E-18			1.1E-04	3.8E-12	6.0E-09	2.0E-07	7.5E-10	6.5E-08	5.5E-09	4.1E-16
Manganese				8.0E-13	3.1E-11	5.5E-09	1.9E-07	6.8E-10	6.3E-08	3.9E-17	3.3E-15
Mercury (+2)				3.4E-14	1.1E-12	2.4E-11	8.3E-10	2.9E-12	2.8E-10	1.7E-18	1.1E-16
Mercury, elemental				2.7E-08		9.8E-14	3.5E-12	1.2E-14	1.2E-12	5.2E-08	
Methyl Mercury	8.7E-15			2.0E-15	7.9E-14					1.0E-19	8.5E-18

Table H-176 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	1.6E-13	3.5E-09	1.2E-07	4.3E-10	4.0E-08	2.7E-08	1.7E-17
Phosphorus				7.5E-15	2.8E-13	2.6E-08	8.6E-07	3.3E-09	2.9E-07	7.2E-14	5.9E-12
Selenium	2.8E-16			4.0E-17	1.6E-15	1.7E-10	6.1E-09	2.2E-11	2.0E-09	2.0E-21	1.7E-19
Silver	2.1E-16			8.4E-13	3.1E-11	1.1E-10	3.7E-09	1.4E-11	1.2E-09	4.1E-17	3.4E-15
Thallium (Soluble Salts)				8.1E-08						4.0E-12	
Titanium				8.0E-15	3.2E-13	6.1E-11	2.3E-09	7.6E-12	7.6E-10	3.9E-19	3.5E-17
Zinc	4.1E-12			1.8E-13	6.5E-12	1.4E-07	3.9E-06	1.7E-08	1.3E-06	9.0E-18	7.0E-16
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	5.2E-05	2.0E-07	1.7E-05		
PAHs											
1-Methylnaphthalene		2.4E-16	4.9E-15	2.2E-16	8.9E-15	3.3E-08	1.4E-06	4.1E-09	4.6E-07	2.5E-16	2.2E-14
1-Methylphenanthrene				1.5E-13	6.0E-12	3.9E-09	1.7E-07	4.9E-10	5.5E-08	7.1E-18	6.5E-16
2,3,5-Trimethylnaphthalene				6.8E-14	3.0E-12	1.9E-09	8.4E-08	2.4E-10	2.8E-08	3.3E-18	3.2E-16
2,6-Dimethylnaphthalene				1.9E-13	7.9E-12	5.1E-09	2.2E-07	6.4E-10	7.3E-08	9.1E-18	8.5E-16
2-Methylnaphthalene		2.3E-16	4.7E-15	2.1E-16	8.6E-15	3.2E-08	1.3E-06	4.0E-09	4.4E-07	2.4E-16	2.2E-14
Acenaphthylene				6.0E-13	2.5E-11	1.9E-08	8.0E-07	2.4E-09	2.7E-07	2.9E-17	2.7E-15
Acenaphthene	3.4E-15					3.5E-09	1.4E-07	4.3E-10	4.8E-08		
Anthracene	4.3E-14					6.1E-09	2.6E-07	7.6E-10	8.6E-08		
Benzo(a)anthracene	6.2E-12	1.6E-07	4.4E-11	1.5E-07	8.0E-11	3.0E-09	1.3E-07	3.7E-10	4.3E-08	2.3E-09	2.7E-12
Benzo(a)pyrene	3.1E-12	1.7E-07	1.8E-11	1.5E-07	3.3E-11	1.2E-09	4.9E-08	1.5E-10	1.6E-08	7.6E-12	3.6E-15
Benzo(b)fluoranthene	8.3E-13	3.0E-07	1.0E-12	2.7E-07	1.8E-12	1.3E-09	5.3E-08	1.6E-10	1.8E-08	1.3E-11	2.0E-16
Benzo(e)pyrene				3.4E-14	1.3E-12	1.0E-09	4.1E-08	1.3E-10	1.4E-08	1.7E-18	1.4E-16
Benzo(g,h,i)perylene				2.5E-14	1.0E-12	7.7E-10	3.2E-08	9.6E-11	1.1E-08	1.2E-18	1.1E-16
Benzo(k)fluoranthene	7.4E-15	1.2E-07	6.4E-13	1.1E-07	1.2E-12	1.2E-11	2.1E-10	1.5E-12	6.9E-11	5.5E-12	1.3E-16

Table H-176 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	1.4E-13	1.1E-07	4.7E-06	1.4E-08	1.6E-06	2.0E-15	1.8E-13
Chrysene	1.1E-12	2.4E-07	5.5E-11	2.1E-07	9.9E-11	5.1E-09	2.1E-07	6.4E-10	7.1E-08	1.0E-11	1.1E-14
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	6.7E-12	3.1E-13	1.2E-11	1.9E-10	7.6E-09	2.3E-11	2.5E-09	1.5E-17	1.3E-15
Fluoranthene	2.8E-13	6.7E-14	1.4E-12	6.1E-14	2.5E-12	7.5E-09	3.1E-07	9.4E-10	1.0E-07	3.0E-18	2.7E-16
Fluorene	6.1E-14					1.9E-08	7.9E-07	2.3E-09	2.6E-07		
Indeno(1,2,3-cd)pyrene	4.0E-13	9.4E-08	1.8E-11	8.6E-08	3.3E-11	6.2E-10	2.5E-08	7.7E-11	8.5E-09	4.2E-12	3.6E-15
Napthalene	2.8E-14					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Perylene				1.3E-14	6.2E-13	4.6E-10	2.0E-08	5.8E-11	6.8E-09	6.5E-19	6.6E-17
Phenanthrene	2.9E-13					3.5E-08	1.5E-06	4.4E-09	4.8E-07		
Pyrene	2.0E-13	2.5E-13	5.1E-12	2.3E-13	9.3E-12	7.3E-09	3.0E-07	9.1E-10	1.0E-07	6.4E-15	5.8E-13
Particulate											
Particulate Total Suspended Particulate				3.0E-09	1.2E-07	2.3E-05	9.0E-04	2.9E-06	3.0E-04	1.5E-13	1.3E-11
PM<10				3.8E-09	1.6E-07	3.1E-05	1.2E-03	3.9E-06	4.0E-04	1.9E-13	1.7E-11
PM<2.5				3.2E-09	1.3E-07	2.6E-05	1.0E-03	3.3E-06	3.5E-04	1.6E-13	1.4E-11
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	1.3E-14	5.5E-16	2.2E-14	9.3E-11	3.8E-09	1.2E-11	1.3E-09	5.1E-17	4.5E-15
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.4E-15	6.3E-17	2.4E-15	1.3E-12	5.1E-11	1.6E-13	1.7E-11	3.2E-18	2.7E-16
Hexachlorobiphenyl	9.3E-16	3.4E-16	6.1E-15	2.9E-16	1.0E-14	5.3E-12	2.1E-10	6.7E-13	6.9E-11	1.5E-17	1.1E-15
Monochlorobiphenyl	4.3E-14	4.5E-15	9.0E-14	3.8E-15	1.5E-13	6.5E-10	2.7E-08	8.1E-11	8.9E-09	3.5E-16	3.1E-14
Nonachlorobiphenyl	2.9E-17	1.3E-17	2.1E-16	1.1E-17	3.5E-16	1.8E-13	6.4E-12	2.2E-14	2.1E-12	5.7E-19	3.9E-17
Octachlorobiphenyl	6.8E-17	2.4E-17	4.4E-16	2.0E-17	7.5E-16	3.9E-13	1.5E-11	4.9E-14	5.1E-12	1.0E-18	8.4E-17
Pentachlorobiphenyl	3.1E-15	1.2E-15	2.1E-14	1.0E-15	3.5E-14	1.8E-11	6.9E-10	2.3E-12	2.3E-10	5.2E-17	3.9E-15
Tetrachlorobiphenyl	1.8E-15	2.5E-16	4.2E-15	2.1E-16	7.1E-15	3.0E-11	1.1E-09	3.8E-12	3.8E-10	2.0E-17	1.5E-15
Trichlorobiphenyl	2.4E-15	3.0E-16	5.3E-15	2.5E-16	9.0E-15	3.8E-11	1.5E-09	4.8E-12	4.9E-10	2.3E-17	1.8E-15

Table H-176 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				6.8E-06						2.2E-07	
Dieldrin		2.7E-08		3.2E-08						1.6E-12	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	8.7E-09	3.4E-11	2.9E-09		
1,2-dichlorobenzene	2.8E-18					1.1E-10	1.9E-09	1.4E-11	6.5E-10		
1,3-dichlorobenzene	6.9E-18					1.6E-10	5.5E-09	2.0E-11	1.8E-09		
1,4-dichlorobenzene	9.2E-17					1.5E-09	6.8E-08	1.9E-10	2.3E-08		
2,4-Dimethylphenol	2.5E-15					2.4E-08	9.5E-07	3.0E-09	3.2E-07		
2-Chlorophenol	1.3E-16					4.7E-09	2.1E-07	5.9E-10	6.9E-08		
2-Methylphenol	5.3E-14					5.6E-08	2.3E-06	7.0E-09	7.8E-07		
2-Nitrophenol	3.2E-16					7.6E-09	3.1E-07	9.4E-10	1.0E-07		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.5E-10	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.8E-16	1.7E-14
4-Nitrophenol	6.5E-16					1.3E-08	4.8E-07	1.6E-09	1.6E-07		
Acetophenone	3.9E-15					1.2E-07	4.9E-06	1.5E-08	1.6E-06		
Benzoic acid	1.6E-14					5.4E-07	2.2E-05	6.7E-08	7.5E-06		
Benzyl alcohol	9.8E-18					4.5E-09	1.4E-07	5.6E-10	4.5E-08		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	1.2E-10	8.0E-12	2.9E-10	1.9E-07	7.4E-06	2.4E-08	2.5E-06	3.9E-16	3.1E-14
Butyl benzyl phthalate	1.8E-13	3.3E-15	6.6E-14	3.8E-15	1.6E-13	6.0E-09	2.5E-07	7.5E-10	8.3E-08	1.9E-19	1.7E-17
Carbazole				1.4E-14	2.6E-13	1.7E-10	3.0E-09	2.1E-11	1.0E-09	6.9E-19	2.8E-17
Dibenzofuran		1.4E-16	2.9E-15	5.7E-16	2.3E-14	9.5E-09	3.9E-07	1.2E-09	1.3E-07	2.4E-16	2.1E-14
Dimethyl phthalate	6.5E-17					3.3E-10	5.9E-09	4.2E-11	2.0E-09		
Di-n-butyl phthalate	1.7E-12	3.3E-15	6.7E-14	3.9E-15	1.6E-13	9.2E-09	3.8E-07	1.1E-09	1.3E-07	1.9E-19	1.7E-17
Di-n-octyl phthalate	1.3E-17	9.4E-15	8.7E-14	1.1E-14	2.1E-13	6.4E-10	1.1E-08	8.0E-11	3.8E-09	5.5E-19	2.2E-17

Table H-176 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	7.9E-07	5.5E-09	2.6E-07		
Isopropanol						5.9E-03					
Phenol	1.5E-13					3.0E-07	1.2E-05	3.8E-08	4.2E-06		
Pyridine	7.7E-15					2.9E-08	1.2E-06	3.6E-09	4.0E-07		
TRS											
Total Reduced Sulfur						2.9E-07	1.3E-05	3.6E-08	4.2E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	4.6E-09	1.7E-11	1.5E-09		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	5.0E-09	1.7E-11	1.7E-09		
1,1-Dichloroethene	6.0E-21					2.6E-11	4.6E-10	3.2E-12	1.5E-10		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	2.0E-08	6.7E-11	6.6E-09		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	1.9E-09	1.4E-11	6.4E-10		
1,2,4-Trimethylbenzene						6.2E-09	2.0E-07	7.8E-10	6.6E-08		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.2E-09	8.6E-12	4.1E-10		
1,2-Dichloroethane	1.2E-17					2.3E-05	1.0E-07	1.0E-06	3.5E-08		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.7E-07	7.3E-10	5.8E-08		
1,3-Dichloropropane						6.7E-11	1.2E-09	8.4E-12	4.0E-10		
2-Butanone	2.4E-15					3.3E-08	1.3E-06	4.1E-09	4.4E-07		
2-Chlorotoluene						1.5E-09	6.1E-08	1.8E-10	2.0E-08		
2-Hexanone						6.8E-09	2.5E-07	8.4E-10	8.2E-08		
Benzene	2.0E-15					8.2E-04	3.4E-05	9.7E-06	1.1E-05		
Bromobenzene						3.7E-08	6.6E-07	4.7E-09	2.2E-07		
Bromochloromethane						8.8E-11	1.6E-09	1.1E-11	5.2E-10		
Bromodichloromethane	3.1E-19					9.5E-11	1.7E-09	1.2E-11	5.7E-10		

Table H-176 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	1.1E-07	4.8E-10	3.8E-08		
Carbon disulfide	1.3E-18					3.3E-09	9.8E-08	4.2E-10	3.3E-08		
Carbon tetrachloride	1.3E-19					1.6E-04	3.9E-09	1.5E-05	1.3E-09		
Chlorobenzene	4.7E-17					4.8E-09	1.7E-07	6.0E-10	5.7E-08		
Chlorodibromomethane	1.8E-17					2.4E-09	4.2E-08	3.0E-10	1.4E-08		
Chloroethane	3.7E-18					9.1E-09	3.2E-07	1.1E-09	1.1E-07		
Chloroform	2.8E-18					3.7E-05	3.8E-08	2.4E-06	1.3E-08		
Chloromethane	9.8E-18					3.1E-08	9.4E-07	3.9E-09	3.1E-07		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	7.1E-08	5.0E-10	2.4E-08		
cis-1,3-Dichloropropene						2.4E-11	4.3E-10	3.0E-12	1.4E-10		
Dibromomethane	4.2E-19					2.0E-10	3.6E-09	2.5E-11	1.2E-09		
Dichlorodifluoromethane	4.7E-21					2.5E-10	4.4E-09	3.1E-11	1.5E-09		
Ethylbenzene	1.5E-15					2.1E-04	7.4E-06	2.4E-08	2.5E-06		
Isopropylbenzene	2.0E-18					1.6E-08	5.4E-07	2.0E-09	1.8E-07		
m&p-Xylene	2.4E-16					3.6E-08	1.2E-06	4.6E-09	4.1E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	6.4E-09	4.5E-11	2.1E-09		
Methylene chloride	2.6E-17					1.8E-08	6.6E-07	2.3E-09	2.2E-07		
n-Butylbenzene						7.8E-09	2.3E-07	9.7E-10	7.7E-08		
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07		
o-Xylene	2.8E-16					2.3E-08	7.6E-07	2.9E-09	2.5E-07		
p-Chlorotoluene						5.5E-10	1.7E-08	6.9E-11	5.6E-09		
p-Isopropyltoluene						3.8E-09	9.2E-08	4.8E-10	3.1E-08		
sec-Butylbenzene						1.4E-09	4.3E-08	1.8E-10	1.4E-08		
Styrene	9.4E-15					5.1E-07	1.9E-05	6.4E-08	6.2E-06		

Table H-176 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Derma Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)
tert-Butylbenzene						4.6E-08	8.1E-07	5.7E-09	2.7E-07			
Tetrachloroethene	6.6E-19					1.2E-10	4.2E-09	1.5E-11	1.4E-09			
Toluene	1.6E-15					3.2E-07	1.2E-05	3.9E-08	4.1E-06			
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	1.5E-06	1.1E-08	5.0E-07			
trans-1,3-Dichloropropene						4.2E-11	7.5E-10	5.3E-12	2.5E-10			
Trichloroethene	6.8E-21					5.0E-06	1.3E-10	9.1E-13	4.3E-11			
Trichlorofluoromethane	1.0E-20					8.7E-11	1.6E-09	1.1E-11	5.2E-10			
Vinyl chloride	4.8E-19					5.0E-09	1.2E-07	6.2E-10	4.0E-08			

Table H-177 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			7.2E-05	9.0E-06	
Aldehydes					
Acetaldehyde			1.2E-04	1.6E-05	
Formaldehyde			2.7E-01	6.6E-06	
Propionaldehyde		1.9E-16	1.4E-05	1.7E-06	1.4E-12
CO					
Carbon monoxide			3.8E-03	4.8E-04	
CO2					
Carbon dioxide			1.2E-04	1.5E-05	
Criteria					
Sulfur Dioxide			3.2E-05	4.1E-06	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	6.4E-17	2.5E-16	7.3E-11	9.1E-12	1.2E-17
1,2,3,4,6,7,8-HpCDF	6.5E-17	2.6E-16	7.3E-11	9.2E-12	1.3E-17
1,2,3,4,7,8,9-HpCDF	7.5E-18	2.9E-17	9.3E-12	1.2E-12	1.4E-18
1,2,3,4,7,8-HxCDD	7.3E-18	2.9E-17	8.7E-12	1.1E-12	1.4E-18
1,2,3,4,7,8-HxCDF	5.8E-17	2.3E-16	7.1E-11	8.9E-12	1.1E-17
1,2,3,6,7,8-HxCDD	1.5E-17	5.9E-17	1.8E-11	2.3E-12	2.9E-18
1,2,3,6,7,8-HxCDF	1.9E-17	7.5E-17	2.3E-11	2.9E-12	3.7E-18
1,2,3,7,8,9-HxCDD	2.4E-17	9.3E-17	2.8E-11	3.5E-12	4.5E-18
1,2,3,7,8,9-HxCDF	1.4E-18	5.4E-18	1.8E-12	2.2E-13	2.6E-19

Table H-177 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	8.3E-18	3.3E-17	1.1E-11	1.4E-12	1.6E-18
1,2,3,7,8-PeCDF	9.7E-18	3.8E-17	1.6E-11	2.0E-12	1.9E-18
2,3,4,6,7,8-HxCDF	3.0E-17	1.2E-16	3.6E-11	4.5E-12	5.7E-18
2,3,4,7,8-PeCDF	2.3E-17	9.2E-17	3.5E-11	4.4E-12	4.5E-18
2,3,7,8-TCDD	1.7E-18	6.7E-18	4.4E-12	5.6E-13	2.3E-16
2,3,7,8-TCDF	3.1E-18	1.2E-17	1.6E-11	2.0E-12	6.0E-19
OCDD	4.4E-17	1.7E-16	4.8E-11	6.0E-12	8.4E-18
OCDF	1.7E-17	6.6E-17	1.8E-11	2.3E-12	3.2E-18
HCN					
Hydrogen cyanide			1.4E-05	1.7E-06	
Metals					
Aluminum		8.8E-04			4.3E-05
Antimony		3.2E-08	8.9E-07	1.1E-07	1.6E-09
Arsenic	3.1E-08	7.3E-08	5.1E-08	6.4E-09	5.9E-09
Barium		1.5E-10	1.1E-05	1.3E-06	7.5E-12
Beryllium		9.0E-17	3.7E-09	4.6E-10	4.4E-18
Cadmium		7.0E-17	6.5E-08	8.1E-09	3.4E-18
Chromium		4.6E-12	5.5E-07	6.9E-08	2.2E-13
Cobalt		2.3E-06	8.4E-07	1.1E-07	1.1E-07
Copper		1.7E-11	1.5E-06	1.9E-07	8.2E-13
Iron		1.9E-03			9.6E-05
Lead		9.2E-06	5.1E-07	6.4E-08	4.5E-07

Table H-177 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		6.8E-14	4.7E-07	5.8E-08	3.3E-15
Mercury (+2)		1.5E-15	2.0E-09	2.5E-10	7.2E-17
Mercury, elemental		1.5E-07	8.4E-12	1.1E-12	2.8E-04
Methyl Mercury		8.7E-17			4.3E-18
Nickel		4.8E-05	3.0E-07	3.7E-08	2.3E-06
Phosphorus		6.4E-16	2.3E-06	2.8E-07	6.2E-12
Selenium		3.5E-18	1.5E-08	1.9E-09	1.7E-19
Silver		5.6E-14	9.8E-09	1.2E-09	2.7E-15
Titanium		6.9E-16	5.2E-09	6.5E-10	3.4E-17
Zinc		1.6E-14	1.2E-05	1.5E-06	7.7E-16
NOx					
NOx (Oxides of Nitrogen)			1.3E-04	1.7E-05	
PAHs					
1-Methylnaphthalene	2.0E-17	1.9E-17	2.8E-06	3.5E-07	2.1E-14
1-Methylphenanthrene		1.2E-14	3.4E-07	4.2E-08	6.1E-16
2,3,5-Trimethylnaphthalene		5.8E-15	1.7E-07	2.1E-08	2.8E-16
2,6-Dimethylnaphthalene		1.6E-14	4.4E-07	5.5E-08	7.8E-16
2-Methylnaphthalene	2.0E-17	1.8E-17	2.7E-06	3.4E-07	2.1E-14
Acenaphthylene		5.1E-14	1.6E-06	2.0E-07	2.5E-15
Acenaphthene			3.0E-07	3.7E-08	
Anthracene			5.2E-07	6.5E-08	
Benzo(a)anthracene	1.9E-09	1.7E-09	2.6E-07	3.2E-08	2.6E-08

Table H-177 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)pyrene	2.2E-09	2.0E-09	1.0E-07	1.3E-08	9.9E-11
Benzo(b)fluoranthene	4.0E-09	3.6E-09	1.1E-07	1.4E-08	1.8E-10
Benzo(e)pyrene		2.9E-15	8.6E-08	1.1E-08	1.4E-16
Benzo(g,h,i)perylene		2.1E-15	6.6E-08	8.2E-09	1.1E-16
Benzo(k)fluoranthene	3.0E-09	2.8E-09	1.0E-09	1.2E-10	1.3E-10
Biphenyl		2.9E-16	9.5E-06	1.2E-06	1.7E-13
Chrysene	2.3E-09	2.1E-09	4.4E-07	5.5E-08	1.0E-10
Dibenze(a,h)anthracene	2.3E-14	2.1E-14	1.6E-08	2.0E-09	1.0E-15
Fluoranthene	5.2E-15	4.7E-15	6.4E-07	8.0E-08	2.3E-16
Fluorene			1.6E-06	2.0E-07	
Indeno(1,2,3-cd)pyrene	9.7E-10	8.8E-10	5.3E-08	6.6E-09	4.3E-11
Napthalene			1.3E-05	1.6E-06	
Perylene		1.1E-15	4.0E-08	4.9E-09	5.5E-17
Phenanthrene			3.0E-06	3.8E-07	
Pyrene	1.4E-14	1.3E-14	6.3E-07	7.8E-08	3.6E-13
Particulate					
Particulate Total Suspended Particulate		2.6E-10	2.0E-03	2.5E-04	1.3E-11
PM<10		3.3E-10	2.6E-03	3.3E-04	1.6E-11
PM<2.5		2.7E-10	2.3E-03	2.8E-04	1.3E-11
PCBs					
Dichlorobiphenyl	3.0E-17	2.6E-17	8.0E-09	9.9E-10	2.4E-15
Heptachlorobiphenyl	3.5E-18	2.9E-18	1.1E-10	1.4E-11	1.5E-16

Table H-177 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Hexachlorobiphenyl	1.6E-17	1.3E-17	4.6E-10	5.7E-11	6.7E-16
Monochlorobiphenyl	2.1E-16	1.8E-16	5.5E-08	6.9E-09	1.7E-14
Nonachlorobiphenyl	6.1E-19	5.2E-19	1.5E-11	1.9E-12	2.6E-17
Octachlorobiphenyl	1.1E-18	9.5E-19	3.3E-11	4.2E-12	4.8E-17
Pentachlorobiphenyl	5.6E-17	4.8E-17	1.6E-09	2.0E-10	2.4E-15
Tetrachlorobiphenyl	1.2E-17	9.8E-18	2.6E-09	3.2E-10	9.1E-16
Trichlorobiphenyl	1.4E-17	1.2E-17	3.3E-09	4.1E-10	1.1E-15
Pesticides					
Chlordecone (Kepone)	1.1E-07	1.3E-07			6.3E-09
DDE		1.8E-08			5.6E-07
SVOCs					
1,2,4-trichlorobenzene			2.3E-08	2.9E-09	
1,2-dichlorobenzene			9.3E-09	1.2E-09	
1,3-Butadiene			1.9E-03		
1,3-dichlorobenzene			1.4E-08	1.7E-09	
1,4-dichlorobenzene			1.3E-07	1.6E-08	
2,4-Dimethylphenol			2.0E-06	2.5E-07	
2-Chlorophenol			4.1E-07	5.1E-08	
2-Methylphenol			4.8E-06	6.0E-07	
2-Nitrophenol			6.5E-07	8.1E-08	
3-Methylphenol & 4-Methylphenol		3.2E-13	8.6E-06	1.1E-06	1.5E-14
4-Nitrophenol			1.1E-06	1.3E-07	

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			1.0E-05	1.3E-06	
Benzoic acid			4.6E-05	5.8E-06	
Benzyl alcohol			3.9E-07	4.8E-08	
bis(2-Ethylhexyl) phthalate	5.7E-13	6.8E-13	1.6E-05	2.0E-06	3.3E-14
Butyl benzyl phthalate	2.8E-16	3.3E-16	5.1E-07	6.4E-08	1.6E-17
Carbazole		1.2E-15	1.4E-08	1.8E-09	5.9E-17
Dibenzofuran	1.2E-17	4.8E-17	8.2E-07	1.0E-07	2.1E-14
Dimethyl phthalate			2.9E-08	3.6E-09	
Di-n-butyl phthalate	2.8E-16	3.3E-16	7.9E-07	9.8E-08	1.6E-17
Di-n-octyl phthalate	8.0E-16	9.5E-16	5.5E-08	6.9E-09	4.7E-17
Hexachlorobutadiene			3.8E-06	4.8E-07	
Isopropanol			2.9E-02		
Phenol			2.6E-05	3.2E-06	
Pyridine			2.4E-06	3.1E-07	
TRS					
Total Reduced Sulfur			2.5E-05	3.1E-06	
VOCs					
1,1,1,2-Tetrachloroethane			1.2E-08	1.4E-09	
1,1,1-Trichloroethane			1.1E-08	1.4E-09	
1,1-Dichloroethene			2.2E-09	2.8E-10	
1,2,3-Trichlorobenzene			4.6E-08	5.7E-09	
1,2,3-Trichloropropane			9.3E-09	1.2E-09	

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			5.3E-07	6.7E-08	
1,2-Dibromoethane			5.9E-09	7.4E-10	
1,2-Dichloroethane			2.4E-07	8.6E-05	
1,3,5-Trimethylbenzene			5.0E-07	6.3E-08	
1,3-Dichloropropane			5.7E-09	7.2E-10	
2-Butanone			2.8E-06	3.5E-07	
2-Chlorotoluene			1.3E-07	1.6E-08	
2-Hexanone			5.8E-07	7.2E-08	
Benzene			7.2E-03	8.3E-04	
Bromobenzene			3.2E-06	4.0E-07	
Bromochloromethane			7.6E-09	9.4E-10	
Bromodichloromethane			8.2E-09	1.0E-09	
Bromomethane			3.3E-07	4.1E-08	
Carbon disulfide			2.9E-07	3.6E-08	
Carbon tetrachloride			1.3E-02	1.3E-03	
Chlorobenzene			4.1E-07	5.2E-08	
Chlorodibromomethane			2.0E-07	2.5E-08	
Chloroethane			7.8E-07	9.8E-08	
Chloroform			1.9E-03	2.1E-04	
Chloromethane			2.7E-06	3.3E-07	
cis-1,2-Dichloroethene			3.4E-07	4.3E-08	
cis-1,3-Dichloropropene			2.1E-09	2.6E-10	

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Exposure Unit	08
Exposure Scenario	Camp Justice
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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			1.7E-08	2.2E-09	
Dichlorodifluoromethane			2.1E-08	2.7E-09	
Ethylbenzene			2.3E-03	2.1E-06	
Isopropylbenzene			1.4E-06	1.7E-07	
m&p-Xylene			3.1E-06	3.9E-07	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.1E-08	3.8E-09	
Methylene chloride			1.5E-06	1.9E-07	
n-Butylbenzene			6.7E-07	8.3E-08	
n-Propylbenzene			8.0E-07	1.0E-07	
o-Xylene			2.0E-06	2.5E-07	
p-Chlorotoluene			4.8E-08	5.9E-09	
p-Isopropyltoluene			3.3E-07	4.1E-08	
sec-Butylbenzene			1.2E-07	1.5E-08	
Styrene			4.4E-05	5.5E-06	
tert-Butylbenzene			3.9E-06	4.9E-07	
Tetrachloroethene			1.0E-08	1.3E-09	
Toluene			2.7E-05	3.4E-06	
trans-1,2-Dichloroethene			7.2E-06	9.1E-07	
trans-1,3-Dichloropropene			3.6E-09	4.5E-10	
Trichloroethene			6.2E-10	7.8E-11	
Trichlorofluoromethane			7.5E-09	9.4E-10	
Vinyl chloride			4.2E-07	5.3E-08	

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Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			8.4E-07	1.0E-07	
Aldehydes					
Acetaldehyde			1.4E-06	1.8E-07	
Formaldehyde			3.2E-03	7.7E-08	
Propionaldehyde		2.2E-15	1.6E-07	2.0E-08	1.7E-14
CO					
Carbon monoxide			4.5E-05	5.6E-06	
CO2					
Carbon dioxide			1.4E-06	1.8E-07	
Criteria					
Sulfur Dioxide			3.8E-07	4.7E-08	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	1.4E-15	5.5E-15	8.5E-13	1.1E-13	2.7E-19
1,2,3,4,6,7,8-HpCDF	1.4E-15	5.5E-15	8.6E-13	1.1E-13	2.7E-19
1,2,3,4,7,8,9-HpCDF	1.6E-16	6.4E-16	1.1E-13	1.4E-14	3.1E-20
1,2,3,4,7,8-HxCDD	1.6E-16	6.2E-16	1.0E-13	1.3E-14	3.1E-20
1,2,3,4,7,8-HxCDF	1.3E-15	4.9E-15	8.3E-13	1.0E-13	2.4E-19
1,2,3,6,7,8-HxCDD	3.2E-16	1.3E-15	2.1E-13	2.7E-14	6.2E-20
1,2,3,6,7,8-HxCDF	4.1E-16	1.6E-15	2.7E-13	3.4E-14	7.9E-20
1,2,3,7,8,9-HxCDD	5.1E-16	2.0E-15	3.2E-13	4.1E-14	9.8E-20
1,2,3,7,8,9-HxCDF	2.9E-17	1.2E-16	2.1E-14	2.6E-15	5.7E-21

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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	1.8E-16	7.0E-16	1.3E-13	1.6E-14	3.5E-20
1,2,3,7,8-PeCDF	2.1E-16	8.3E-16	1.8E-13	2.3E-14	4.0E-20
2,3,4,6,7,8-HxCDF	6.4E-16	2.5E-15	4.2E-13	5.2E-14	1.2E-19
2,3,4,7,8-PeCDF	5.0E-16	2.0E-15	4.1E-13	5.2E-14	9.7E-20
2,3,7,8-TCDD	3.6E-17	1.4E-16	5.2E-14	6.5E-15	4.9E-18
2,3,7,8-TCDF	6.6E-17	2.6E-16	1.9E-13	2.4E-14	1.3E-20
OCDD	9.4E-16	3.7E-15	5.6E-13	7.0E-14	1.8E-19
OCDF	3.6E-16	1.4E-15	2.1E-13	2.6E-14	7.0E-20
HCN					
Hydrogen cyanide			1.6E-07	2.0E-08	
Metals					
Aluminum		1.0E-02			5.0E-07
Antimony		3.8E-07	1.0E-08	1.3E-09	1.8E-11
Arsenic	3.6E-07	8.5E-07	5.9E-10	7.4E-11	6.9E-11
Barium		3.1E-09	1.3E-07	1.6E-08	1.5E-13
Beryllium		1.0E-15	4.3E-11	5.4E-12	5.1E-20
Cadmium		8.2E-16	7.6E-10	9.5E-11	4.0E-20
Chromium		8.3E-11	6.5E-09	8.1E-10	4.1E-15
Cobalt		2.6E-05	9.8E-09	1.2E-09	1.3E-09
Copper		3.4E-10	1.8E-08	2.2E-09	1.6E-14
Iron		2.3E-02			1.1E-06
Lead		1.1E-04	6.0E-09	7.5E-10	5.2E-09

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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		8.0E-13	5.5E-09	6.8E-10	3.9E-17
Mercury (+2)		3.4E-14	2.4E-11	2.9E-12	1.7E-18
Mercury, elemental		1.7E-06	9.8E-14	1.2E-14	3.3E-06
Methyl Mercury		2.0E-15			1.0E-19
Nickel		5.6E-04	3.5E-09	4.3E-10	2.7E-08
Phosphorus		7.5E-15	2.6E-08	3.3E-09	7.2E-14
Selenium		4.0E-17	1.7E-10	2.2E-11	2.0E-21
Silver		8.4E-13	1.1E-10	1.4E-11	4.1E-17
Titanium		8.0E-15	6.1E-11	7.6E-12	3.9E-19
Zinc		1.8E-13	1.4E-07	1.7E-08	9.0E-18
NOx					
NOx (Oxides of Nitrogen)			1.6E-06	2.0E-07	
PAHs					
1-Methylnaphthalene	2.4E-16	2.2E-16	3.3E-08	4.1E-09	2.5E-16
1-Methylphenanthrene		1.5E-13	3.9E-09	4.9E-10	7.1E-18
2,3,5-Trimethylnaphthalene		6.8E-14	1.9E-09	2.4E-10	3.3E-18
2,6-Dimethylnaphthalene		1.9E-13	5.1E-09	6.4E-10	9.1E-18
2-Methylnaphthalene	2.3E-16	2.1E-16	3.2E-08	4.0E-09	2.4E-16
Acenaphthylene		6.0E-13	1.9E-08	2.4E-09	2.9E-17
Acenaphthene			3.5E-09	4.3E-10	
Anthracene			6.1E-09	7.6E-10	
Benzo(a)anthracene	2.2E-08	2.0E-08	3.0E-09	3.7E-10	3.0E-10

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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)pyrene	2.6E-08	2.4E-08	1.2E-09	1.5E-10	1.2E-12
Benzo(b)fluoranthene	4.7E-08	4.2E-08	1.3E-09	1.6E-10	2.1E-12
Benzo(e)pyrene		3.4E-14	1.0E-09	1.3E-10	1.7E-18
Benzo(g,h,i)perylene		2.5E-14	7.7E-10	9.6E-11	1.2E-18
Benzo(k)fluoranthene	3.5E-08	3.2E-08	1.2E-11	1.5E-12	1.6E-12
Biphenyl		3.3E-15	1.1E-07	1.4E-08	2.0E-15
Chrysene	2.7E-08	2.5E-08	5.1E-09	6.4E-10	1.2E-12
Dibenze(a,h)anthracene	3.4E-13	3.1E-13	1.9E-10	2.3E-11	1.5E-17
Fluoranthene	6.7E-14	6.1E-14	7.5E-09	9.4E-10	3.0E-18
Fluorene			1.9E-08	2.3E-09	
Indeno(1,2,3-cd)pyrene	1.1E-08	1.0E-08	6.2E-10	7.7E-11	5.0E-13
Napthalene			1.5E-07	1.9E-08	
Perylene		1.3E-14	4.6E-10	5.8E-11	6.5E-19
Phenanthrene			3.5E-08	4.4E-09	
Pyrene	2.5E-13	2.3E-13	7.3E-09	9.1E-10	6.4E-15
Particulate					
Particulate Total Suspended Particulate		3.0E-09	2.3E-05	2.9E-06	1.5E-13
PM<10		3.8E-09	3.1E-05	3.9E-06	1.9E-13
PM<2.5		3.2E-09	2.6E-05	3.3E-06	1.6E-13
PCBs					
Dichlorobiphenyl	6.5E-16	5.5E-16	9.3E-11	1.2E-11	5.1E-17
Heptachlorobiphenyl	7.5E-17	6.3E-17	1.3E-12	1.6E-13	3.2E-18

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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Hexachlorobiphenyl	3.4E-16	2.9E-16	5.3E-12	6.7E-13	1.5E-17
Monochlorobiphenyl	4.5E-15	3.8E-15	6.5E-10	8.1E-11	3.5E-16
Nonachlorobiphenyl	1.3E-17	1.1E-17	1.8E-13	2.2E-14	5.7E-19
Octachlorobiphenyl	2.4E-17	2.0E-17	3.9E-13	4.9E-14	1.0E-18
Pentachlorobiphenyl	1.2E-15	1.0E-15	1.8E-11	2.3E-12	5.2E-17
Tetrachlorobiphenyl	2.5E-16	2.1E-16	3.0E-11	3.8E-12	2.0E-17
Trichlorobiphenyl	3.0E-16	2.5E-16	3.8E-11	4.8E-12	2.3E-17
Pesticides					
Chlordecone (Kepone)	1.3E-06	1.5E-06			7.3E-11
DDE		2.1E-07			6.5E-09
SVOCs					
1,2,4-trichlorobenzene			2.7E-10	3.4E-11	
1,2-dichlorobenzene			1.1E-10	1.4E-11	
1,3-Butadiene			2.2E-05		
1,3-dichlorobenzene			1.6E-10	2.0E-11	
1,4-dichlorobenzene			1.5E-09	1.9E-10	
2,4-Dimethylphenol			2.4E-08	3.0E-09	
2-Chlorophenol			4.7E-09	5.9E-10	
2-Methylphenol			5.6E-08	7.0E-09	
2-Nitrophenol			7.6E-09	9.4E-10	
3-Methylphenol & 4-Methylphenol		3.7E-12	1.0E-07	1.3E-08	1.8E-16
4-Nitrophenol			1.3E-08	1.6E-09	

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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			1.2E-07	1.5E-08	
Benzoic acid			5.4E-07	6.7E-08	
Benzyl alcohol			4.5E-09	5.6E-10	
bis(2-Ethylhexyl) phthalate	6.7E-12	8.0E-12	1.9E-07	2.4E-08	3.9E-16
Butyl benzyl phthalate	3.3E-15	3.8E-15	6.0E-09	7.5E-10	1.9E-19
Carbazole		1.4E-14	1.7E-10	2.1E-11	6.9E-19
Dibenzofuran	1.4E-16	5.7E-16	9.5E-09	1.2E-09	2.4E-16
Dimethyl phthalate			3.3E-10	4.2E-11	
Di-n-butyl phthalate	3.3E-15	3.9E-15	9.2E-09	1.1E-09	1.9E-19
Di-n-octyl phthalate	9.4E-15	1.1E-14	6.4E-10	8.0E-11	5.5E-19
Hexachlorobutadiene			4.4E-08	5.5E-09	
Isopropanol			3.4E-04		
Phenol			3.0E-07	3.8E-08	
Pyridine			2.9E-08	3.6E-09	
TRS					
Total Reduced Sulfur			2.9E-07	3.6E-08	
VOCs					
1,1,1,2-Tetrachloroethane			1.3E-10	1.7E-11	
1,1,1-Trichloroethane			1.3E-10	1.7E-11	
1,1-Dichloroethene			2.6E-11	3.2E-12	
1,2,3-Trichlorobenzene			5.3E-10	6.7E-11	
1,2,3-Trichloropropane			1.1E-10	1.4E-11	

Table H-178 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			6.2E-09	7.8E-10	
1,2-Dibromoethane			6.9E-11	8.6E-12	
1,2-Dichloroethane			2.8E-09	1.0E-06	
1,3,5-Trimethylbenzene			5.9E-09	7.3E-10	
1,3-Dichloropropane			6.7E-11	8.4E-12	
2-Butanone			3.3E-08	4.1E-09	
2-Chlorotoluene			1.5E-09	1.8E-10	
2-Hexanone			6.8E-09	8.4E-10	
Benzene			8.4E-05	9.7E-06	
Bromobenzene			3.7E-08	4.7E-09	
Bromochloromethane			8.8E-11	1.1E-11	
Bromodichloromethane			9.5E-11	1.2E-11	
Bromomethane			3.8E-09	4.8E-10	
Carbon disulfide			3.3E-09	4.2E-10	
Carbon tetrachloride			1.5E-04	1.5E-05	
Chlorobenzene			4.8E-09	6.0E-10	
Chlorodibromomethane			2.4E-09	3.0E-10	
Chloroethane			9.1E-09	1.1E-09	
Chloroform			2.2E-05	2.4E-06	
Chloromethane			3.1E-08	3.9E-09	
cis-1,2-Dichloroethene			4.0E-09	5.0E-10	
cis-1,3-Dichloropropene			2.4E-11	3.0E-12	

Table H-178 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			2.0E-10	2.5E-11	
Dichlorodifluoromethane			2.5E-10	3.1E-11	
Ethylbenzene			2.7E-05	2.4E-08	
Isopropylbenzene			1.6E-08	2.0E-09	
m&p-Xylene			3.6E-08	4.6E-09	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.6E-10	4.5E-11	
Methylene chloride			1.8E-08	2.3E-09	
n-Butylbenzene			7.8E-09	9.7E-10	
n-Propylbenzene			9.4E-09	1.2E-09	
o-Xylene			2.3E-08	2.9E-09	
p-Chlorotoluene			5.5E-10	6.9E-11	
p-Isopropyltoluene			3.8E-09	4.8E-10	
sec-Butylbenzene			1.4E-09	1.8E-10	
Styrene			5.1E-07	6.4E-08	
tert-Butylbenzene			4.6E-08	5.7E-09	
Tetrachloroethene			1.2E-10	1.5E-11	
Toluene			3.2E-07	3.9E-08	
trans-1,2-Dichloroethene			8.4E-08	1.1E-08	
trans-1,3-Dichloropropene			4.2E-11	5.3E-12	
Trichloroethene			7.3E-12	9.1E-13	
Trichlorofluoromethane			8.7E-11	1.1E-11	
Vinyl chloride			5.0E-09	6.2E-10	

Table H-179 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						7.2E-05	1.7E-04	9.0E-06	9.0E-06		
Aldehydes											
Acetaldehyde	7.9E-15					1.2E-04	2.9E-04	1.6E-05	1.6E-05		
Formaldehyde	3.9E-14					2.7E-01	1.2E-04	6.6E-06	6.6E-06		
Propionaldehyde				1.9E-16	5.4E-16	1.4E-05	3.1E-05	1.7E-06	1.7E-06	1.4E-12	8.9E-12
CO											
Carbon monoxide						3.8E-03	8.8E-03	4.8E-04	4.8E-04		
CO2											
Carbon dioxide						1.2E-04	2.8E-04	1.5E-05	1.5E-05		
Criteria											
Sulfur Dioxide						3.2E-05	7.5E-05	4.1E-06	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	7.8E-20	6.4E-17	9.0E-17	2.5E-16	7.1E-16	7.3E-11	1.7E-10	9.1E-12	9.1E-12	1.2E-17	7.7E-17
1,2,3,4,6,7,8-HpCDF	7.6E-20	6.5E-17	9.1E-17	2.6E-16	7.2E-16	7.3E-11	1.7E-10	9.2E-12	9.2E-12	1.3E-17	7.8E-17
1,2,3,4,7,8,9-HpCDF	1.2E-20	7.5E-18	1.0E-17	2.9E-17	8.2E-17	9.3E-12	2.1E-11	1.2E-12	1.2E-12	1.4E-18	8.9E-18
1,2,3,4,7,8-HxCDD	9.4E-20	7.3E-18	1.0E-17	2.9E-17	8.1E-17	8.7E-12	2.0E-11	1.1E-12	1.1E-12	1.4E-18	8.7E-18
1,2,3,4,7,8-HxCDF	6.5E-19	5.8E-17	8.1E-17	2.3E-16	6.4E-16	7.1E-11	1.6E-10	8.9E-12	8.9E-12	1.1E-17	6.9E-17
1,2,3,6,7,8-HxCDD	1.8E-19	1.5E-17	2.1E-17	5.9E-17	1.6E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	2.9E-18	1.8E-17
1,2,3,6,7,8-HxCDF	2.4E-19	1.9E-17	2.7E-17	7.5E-17	2.1E-16	2.3E-11	5.3E-11	2.9E-12	2.9E-12	3.7E-18	2.3E-17
1,2,3,7,8,9-HxCDD	2.6E-19	2.4E-17	3.3E-17	9.3E-17	2.6E-16	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.5E-18	2.8E-17
1,2,3,7,8,9-HxCDF	2.1E-20	1.4E-18	1.9E-18	5.4E-18	1.5E-17	1.8E-12	4.1E-12	2.2E-13	2.2E-13	2.6E-19	1.6E-18
1,2,3,7,8-PeCDD	5.9E-19	8.3E-18	1.2E-17	3.3E-17	9.1E-17	1.1E-11	2.6E-11	1.4E-12	1.4E-12	1.6E-18	9.9E-18
1,2,3,7,8-PeCDF	8.2E-19	9.7E-18	1.4E-17	3.8E-17	1.1E-16	1.6E-11	3.6E-11	2.0E-12	2.0E-12	1.9E-18	1.2E-17

Table H-179 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	3.5E-19	3.0E-17	4.2E-17	1.2E-16	3.3E-16	3.6E-11	8.2E-11	4.5E-12	4.5E-12	5.7E-18	3.5E-17
2,3,4,7,8-PeCDF	1.3E-18	2.3E-17	3.2E-17	9.2E-17	2.6E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	4.5E-18	2.8E-17
2,3,7,8-TCDD	2.1E-19	1.7E-18	2.4E-18	6.7E-18	1.9E-17	4.4E-12	1.0E-11	5.6E-13	5.6E-13	2.3E-16	1.4E-15
2,3,7,8-TCDF	6.8E-19	3.1E-18	4.3E-18	1.2E-17	3.4E-17	1.6E-11	3.8E-11	2.0E-12	2.0E-12	6.0E-19	3.7E-18
OCDD	1.0E-21	4.4E-17	6.1E-17	1.7E-16	4.8E-16	4.8E-11	1.1E-10	6.0E-12	6.0E-12	8.4E-18	5.2E-17
OCDF	3.9E-22	1.7E-17	2.3E-17	6.6E-17	1.9E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	3.2E-18	2.0E-17
HCN											
Hydrogen cyanide						1.4E-05	3.1E-05	1.7E-06	1.7E-06		
Metals											
Aluminum				8.8E-04	1.7E-03					4.3E-05	1.8E-04
Antimony	1.3E-18			3.2E-08	1.2E-07	8.9E-07	2.1E-06	1.1E-07	1.1E-07	1.6E-09	1.3E-08
Arsenic	7.0E-17	3.1E-08	2.0E-08	7.3E-08	9.3E-08	5.1E-08	1.2E-07	6.4E-09	6.4E-09	5.9E-09	1.7E-08
Barium	1.6E-13			1.5E-10	4.3E-10	1.1E-05	2.5E-05	1.3E-06	1.3E-06	7.5E-12	4.6E-11
Beryllium	2.8E-18			9.0E-17	2.5E-16	3.7E-09	8.5E-09	4.6E-10	4.6E-10	4.4E-18	2.7E-17
Cadmium	7.2E-16			7.0E-17	2.0E-16	6.5E-08	1.5E-07	8.1E-09	8.1E-09	3.4E-18	2.1E-17
Chromium	1.9E-16			4.6E-12	1.3E-11	5.5E-07	1.3E-06	6.9E-08	6.9E-08	2.2E-13	1.4E-12
Cobalt				2.3E-06	3.2E-06	8.4E-07	1.9E-06	1.1E-07	1.1E-07	1.1E-07	3.4E-07
Copper				1.7E-11	4.7E-11	1.5E-06	3.5E-06	1.9E-07	1.9E-07	8.2E-13	5.0E-12
Iron				1.9E-03	3.2E-03					9.6E-05	3.5E-04
Lead	5.9E-19			9.2E-06	2.0E-05	5.1E-07	1.2E-06	6.4E-08	6.4E-08	4.5E-07	2.1E-06
Manganese				6.8E-14	1.9E-13	4.7E-07	1.1E-06	5.8E-08	5.8E-08	3.3E-15	2.1E-14
Mercury (+2)				1.5E-15	4.1E-15	2.0E-09	4.7E-09	2.5E-10	2.5E-10	7.2E-17	4.4E-16
Mercury, elemental				1.5E-07	3.8E-09	8.4E-12	1.9E-11	1.1E-12	1.1E-12	2.8E-04	1.7E-03
Methyl Mercury	5.6E-16			8.7E-17	2.4E-16					4.3E-18	2.6E-17

Table H-179 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	2.8E-16			4.8E-05	6.1E-05	3.0E-07	6.9E-07	3.7E-08	3.7E-08	2.3E-06	6.6E-06
Phosphorus				6.4E-16	1.8E-15	2.3E-06	5.2E-06	2.8E-07	2.8E-07	6.2E-12	3.8E-11
Selenium	2.4E-17			3.5E-18	9.7E-18	1.5E-08	3.5E-08	1.9E-09	1.9E-09	1.7E-19	1.0E-18
Silver	1.6E-17			5.6E-14	1.6E-13	9.8E-09	2.3E-08	1.2E-09	1.2E-09	2.7E-15	1.7E-14
Thallium (Soluble Salts)					1.4E-08						1.6E-09
Titanium				6.9E-16	1.9E-15	5.2E-09	1.2E-08	6.5E-10	6.5E-10	3.4E-17	2.1E-16
Zinc	3.5E-13			1.6E-14	4.4E-14	1.2E-05	2.7E-05	1.5E-06	1.5E-06	7.7E-16	4.8E-15
NOx											
NOx (Oxides of Nitrogen)						1.3E-04	3.1E-04	1.7E-05	1.7E-05		
PAHs											
1-Methylnaphthalene		2.0E-17	2.9E-17	1.9E-17	5.2E-17	2.8E-06	6.5E-06	3.5E-07	3.5E-07	2.1E-14	1.3E-13
1-Methylphenanthrene				1.2E-14	3.5E-14	3.4E-07	7.8E-07	4.2E-08	4.2E-08	6.1E-16	3.7E-15
2,3,5-Trimethylnaphthalene				5.8E-15	1.6E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	2.8E-16	1.8E-15
2,6-Dimethylnaphthalene				1.6E-14	4.4E-14	4.4E-07	1.0E-06	5.5E-08	5.5E-08	7.8E-16	4.8E-15
2-Methylnaphthalene		2.0E-17	2.8E-17	1.8E-17	5.0E-17	2.7E-06	6.3E-06	3.4E-07	3.4E-07	2.1E-14	1.3E-13
Acenaphthylene				5.1E-14	1.4E-13	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.5E-15	1.5E-14
Acenaphthene	2.9E-16					3.0E-07	6.8E-07	3.7E-08	3.7E-08		
Anthracene	3.7E-15					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Benzo(a)anthracene	5.3E-13	1.9E-09	4.4E-08	1.7E-09	7.9E-08	2.6E-07	5.9E-07	3.2E-08	3.2E-08	2.6E-08	1.6E-07
Benzo(a)pyrene	2.6E-13	2.2E-09	4.8E-08	2.0E-09	8.8E-08	1.0E-07	2.3E-07	1.3E-08	1.3E-08	9.9E-11	9.5E-09
Benzo(b)fluoranthene	7.1E-14	4.0E-09	6.8E-08	3.6E-09	1.2E-07	1.1E-07	2.6E-07	1.4E-08	1.4E-08	1.8E-10	1.3E-08
Benzo(e)pyrene				2.9E-15	8.2E-15	8.6E-08	2.0E-07	1.1E-08	1.1E-08	1.4E-16	8.8E-16
Benzo(g,h,i)perylene				2.1E-15	6.0E-15	6.6E-08	1.5E-07	8.2E-09	8.2E-09	1.1E-16	6.5E-16
Benzo(k)fluoranthene	5.3E-16	3.0E-09	3.4E-08	2.8E-09	6.2E-08	1.0E-09	2.3E-09	1.2E-10	1.2E-10	1.3E-10	6.7E-09

Table H-179 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				2.9E-16	8.0E-16	9.5E-06	2.2E-05	1.2E-06	1.2E-06	1.7E-13	1.0E-12
Chrysene	9.0E-14	2.3E-09	4.9E-08	2.1E-09	8.9E-08	4.4E-07	1.0E-06	5.5E-08	5.5E-08	1.0E-10	9.6E-09
Dibenze(a,h)anthracene	1.3E-14	2.3E-14	1.2E-08	2.1E-14	2.2E-08	1.6E-08	3.7E-08	2.0E-09	2.0E-09	1.0E-15	2.3E-09
Fluoranthene	2.4E-14	5.2E-15	7.2E-15	4.7E-15	1.3E-14	6.4E-07	1.5E-06	8.0E-08	8.0E-08	2.3E-16	1.4E-15
Fluorene	5.2E-15					1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Indeno(1,2,3-cd)pyrene	3.2E-14	9.7E-10	3.1E-08	8.8E-10	5.7E-08	5.3E-08	1.2E-07	6.6E-09	6.6E-09	4.3E-11	6.1E-09
Napthalene	2.4E-15					1.3E-05	2.9E-05	1.6E-06	1.6E-06		
Perylene				1.1E-15	3.2E-15	4.0E-08	9.1E-08	4.9E-09	4.9E-09	5.5E-17	3.4E-16
Phenanthrene	2.5E-14					3.0E-06	6.9E-06	3.8E-07	3.8E-07		
Pyrene	1.7E-14	1.4E-14	2.0E-14	1.3E-14	3.6E-14	6.3E-07	1.4E-06	7.8E-08	7.8E-08	3.6E-13	2.2E-12
Particulate											
Particulate Total Suspended Particulate				2.6E-10	7.2E-10	2.0E-03	4.6E-03	2.5E-04	2.5E-04	1.3E-11	7.7E-11
PM<10				3.3E-10	9.2E-10	2.6E-03	6.1E-03	3.3E-04	3.3E-04	1.6E-11	9.9E-11
PM<2.5				2.7E-10	7.6E-10	2.3E-03	5.2E-03	2.8E-04	2.8E-04	1.3E-11	8.2E-11
PCBs											
Dichlorobiphenyl	5.2E-16	3.0E-17	4.2E-17	2.6E-17	7.2E-17	8.0E-09	1.8E-08	9.9E-10	9.9E-10	2.4E-15	1.5E-14
Heptachlorobiphenyl	2.0E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	1.1E-10	2.5E-10	1.4E-11	1.4E-11	1.5E-16	9.2E-16
Hexachlorobiphenyl	7.9E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	4.6E-10	1.1E-09	5.7E-11	5.7E-11	6.7E-16	4.1E-15
Monochlorobiphenyl	3.6E-15	2.1E-16	2.9E-16	1.8E-16	5.0E-16	5.5E-08	1.3E-07	6.9E-09	6.9E-09	1.7E-14	1.0E-13
Nonachlorobiphenyl	2.4E-18	6.1E-19	8.6E-19	5.2E-19	1.4E-18	1.5E-11	3.6E-11	1.9E-12	1.9E-12	2.6E-17	1.6E-16
Octachlorobiphenyl	5.8E-18	1.1E-18	1.6E-18	9.5E-19	2.7E-18	3.3E-11	7.7E-11	4.2E-12	4.2E-12	4.8E-17	3.0E-16
Pentachlorobiphenyl	2.6E-16	5.6E-17	7.9E-17	4.8E-17	1.3E-16	1.6E-09	3.6E-09	2.0E-10	2.0E-10	2.4E-15	1.5E-14
Tetrachlorobiphenyl	1.5E-16	1.2E-17	1.6E-17	9.8E-18	2.7E-17	2.6E-09	6.0E-09	3.2E-10	3.2E-10	9.1E-16	5.6E-15
Trichlorobiphenyl	2.0E-16	1.4E-17	1.9E-17	1.2E-17	3.3E-17	3.3E-09	7.6E-09	4.1E-10	4.1E-10	1.1E-15	6.8E-15

Table H-179 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
Chlordecone (Kepone)		1.1E-07		1.3E-07						6.3E-09	
DDE				1.8E-08	1.9E-08					5.6E-07	3.4E-06
Dieldrin			8.5E-10		2.0E-09						2.2E-10
SVOCs											
1,2,4-trichlorobenzene						2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2-dichlorobenzene	2.4E-19					9.3E-09	2.2E-08	1.2E-09	1.2E-09		
1,3-Butadiene						1.9E-03					
1,3-dichlorobenzene	5.9E-19					1.4E-08	3.2E-08	1.7E-09	1.7E-09		
1,4-dichlorobenzene	7.9E-18					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
2,4-Dimethylphenol	2.2E-16					2.0E-06	4.7E-06	2.5E-07	2.5E-07		
2-Chlorophenol	1.1E-17					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
2-Methylphenol	4.5E-15					4.8E-06	1.1E-05	6.0E-07	6.0E-07		
2-Nitrophenol	2.7E-17					6.5E-07	1.5E-06	8.1E-08	8.1E-08		
3-Methylphenol & 4-Methylphenol				3.2E-13	8.8E-13	8.6E-06	2.0E-05	1.1E-06	1.1E-06	1.5E-14	9.5E-14
4-Nitrophenol	5.6E-17					1.1E-06	2.5E-06	1.3E-07	1.3E-07		
Acetophenone	3.4E-16					1.0E-05	2.3E-05	1.3E-06	1.3E-06		
Benzoic acid	1.4E-15					4.6E-05	1.1E-04	5.8E-06	5.8E-06		
Benzyl alcohol	8.4E-19					3.9E-07	8.9E-07	4.8E-08	4.8E-08		
bis(2-Ethylhexyl) phthalate	4.2E-14	5.7E-13	8.0E-13	6.8E-13	1.9E-12	1.6E-05	3.8E-05	2.0E-06	2.0E-06	3.3E-14	2.0E-13
Butyl benzyl phthalate	1.5E-14	2.8E-16	3.9E-16	3.3E-16	9.2E-16	5.1E-07	1.2E-06	6.4E-08	6.4E-08	1.6E-17	9.9E-17
Carbazole				1.2E-15	3.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	5.9E-17	3.6E-16
Dibenzofuran		1.2E-17	1.7E-17	4.8E-17	1.4E-16	8.2E-07	1.9E-06	1.0E-07	1.0E-07	2.1E-14	1.3E-13
Dimethyl phthalate	5.5E-18					2.9E-08	6.6E-08	3.6E-09	3.6E-09		

Table H-179 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-butyl phthalate	1.4E-13	2.8E-16	3.9E-16	3.3E-16	9.2E-16	7.9E-07	1.8E-06	9.8E-08	9.8E-08	1.6E-17	9.9E-17
Di-n-octyl phthalate	1.1E-18	8.0E-16	1.1E-15	9.5E-16	2.7E-15	5.5E-08	1.3E-07	6.9E-09	6.9E-09	4.7E-17	2.9E-16
Hexachlorobutadiene	5.8E-16					3.8E-06	8.8E-06	4.8E-07	4.8E-07		
Isopropanol						2.9E-02	1.9E-01				
p-Chloroaniline			2.8E-08		6.6E-08						7.2E-09
Phenol	1.3E-14					2.6E-05	6.0E-05	3.2E-06	3.2E-06		
Pyridine	6.6E-16					2.4E-06	5.7E-06	3.1E-07	3.1E-07		
TRS											
Total Reduced Sulfur						2.5E-05	5.8E-05	3.1E-06	3.1E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.3E-19					1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,1,1-Trichloroethane	1.5E-20					1.1E-08	2.6E-08	1.4E-09	1.4E-09		
1,1-Dichloroethene	5.1E-22					2.2E-09	5.1E-09	2.8E-10	2.8E-10		
1,2,3-Trichlorobenzene	1.6E-17					4.6E-08	1.1E-07	5.7E-09	5.7E-09		
1,2,3-Trichloropropane	9.3E-20					9.3E-09	2.1E-08	1.2E-09	1.2E-09		
1,2,4-Trimethylbenzene						5.3E-07	1.2E-06	6.7E-08	6.7E-08		
1,2-Dibromoethane	3.2E-20					5.9E-09	1.4E-08	7.4E-10	7.4E-10		
1,2-Dichloroethane	1.0E-18					2.4E-07	3.8E-03	8.6E-05	8.6E-05		
1,3,5-Trimethylbenzene	5.2E-18					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
1,3-Dichloropropane						5.7E-09	1.3E-08	7.2E-10	7.2E-10		
2-Butanone	2.1E-16					2.8E-06	6.5E-06	3.5E-07	3.5E-07		
2-Chlorotoluene						1.3E-07	2.9E-07	1.6E-08	1.6E-08		
2-Hexanone						5.8E-07	1.3E-06	7.2E-08	7.2E-08		
Benzene	1.7E-16					7.2E-03	2.3E-02	8.3E-04	8.3E-04		

Table H-179 (Lifetime Average Daily Dose)

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Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromobenzene						3.2E-06	7.4E-06	4.0E-07	4.0E-07		
Bromochloromethane						7.6E-09	1.7E-08	9.4E-10	9.4E-10		
Bromodichloromethane	2.7E-20					8.2E-09	2.9E-02	1.0E-09	1.0E-09		
Bromoform							1.3E-01				
Bromomethane	1.1E-19					3.3E-07	7.5E-07	4.1E-08	4.1E-08		
Carbon disulfide	1.1E-19					2.9E-07	6.6E-07	3.6E-08	3.6E-08		
Carbon tetrachloride	1.2E-20					1.3E-02	3.3E-02	1.3E-03	1.3E-03		
Chlorobenzene	4.0E-18					4.1E-07	9.5E-07	5.2E-08	5.2E-08		
Chlorodibromomethane	1.6E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
Chloroethane	3.2E-19					7.8E-07	1.8E-06	9.8E-08	9.8E-08		
Chloroform	2.4E-19					1.9E-03	6.8E-02	2.1E-04	2.1E-04		
Chloromethane	8.4E-19					2.7E-06	6.1E-06	3.3E-07	3.3E-07		
cis-1,2-Dichloroethene	3.3E-19					3.4E-07	7.9E-07	4.3E-08	4.3E-08		
cis-1,3-Dichloropropene						2.1E-09	4.8E-09	2.6E-10	2.6E-10		
Dibromomethane	3.6E-20					1.7E-08	4.0E-08	2.2E-09	2.2E-09		
Dichlorodifluoromethane	4.0E-22					2.1E-08	4.9E-08	2.7E-09	2.7E-09		
Ethylbenzene	1.3E-16					2.3E-03	1.9E-02	2.1E-06	2.1E-06		
Isopropylbenzene	1.7E-19					1.4E-06	3.1E-06	1.7E-07	1.7E-07		
m&p-Xylene	2.0E-17					3.1E-06	7.2E-06	3.9E-07	3.9E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.1E-19					3.1E-08	7.1E-08	3.8E-09	3.8E-09		
Methylene chloride	2.2E-18					1.5E-06	3.6E-06	1.9E-07	1.9E-07		
n-Butylbenzene						6.7E-07	1.5E-06	8.3E-08	8.3E-08		
n-Propylbenzene						8.0E-07	1.9E-06	1.0E-07	1.0E-07		
o-Xylene	2.4E-17					2.0E-06	4.5E-06	2.5E-07	2.5E-07		

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Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
p-Chlorotoluene						4.8E-08	1.1E-07	5.9E-09	5.9E-09		
p-Isopropyltoluene						3.3E-07	7.6E-07	4.1E-08	4.1E-08		
sec-Butylbenzene						1.2E-07	2.8E-07	1.5E-08	1.5E-08		
Styrene	8.0E-16					4.4E-05	1.0E-04	5.5E-06	5.5E-06		
tert-Butylbenzene						3.9E-06	9.0E-06	4.9E-07	4.9E-07		
Tetrachloroethene	5.7E-20					1.0E-08	2.4E-08	1.3E-09	1.3E-09		
Toluene	1.3E-16					2.7E-05	6.2E-05	3.4E-06	3.4E-06		
trans-1,2-Dichloroethene	5.0E-18					7.2E-06	1.7E-05	9.1E-07	9.1E-07		
trans-1,3-Dichloropropene						3.6E-09	8.4E-09	4.5E-10	4.5E-10		
Trichloroethene	5.8E-22					6.2E-10	3.8E-02	7.8E-11	7.8E-11		
Trichlorofluoromethane	9.0E-22					7.5E-09	1.7E-08	9.4E-10	9.4E-10		
Vinyl chloride	4.1E-20					4.2E-07	9.8E-07	5.3E-08	5.3E-08		

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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					3.2E-03	1.4E-06	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19

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Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.0E-02	2.0E-02					5.0E-07	2.1E-06
Antimony	1.6E-17			3.8E-07	1.4E-06	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.8E-11	1.5E-10
Arsenic	8.1E-16	3.6E-07	2.3E-07	8.5E-07	1.1E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	6.9E-11	2.0E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				2.6E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.3E-09	4.0E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				2.3E-02	3.7E-02					1.1E-06	4.0E-06
Lead	6.9E-18			1.1E-04	2.3E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.2E-09	2.5E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				1.7E-06	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	3.3E-06	2.0E-05
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19

Table H-180 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	7.1E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.7E-08	7.7E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Thallium (Soluble Salts)					1.7E-07						1.8E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	2.2E-08	5.1E-07	2.0E-08	9.3E-07	3.0E-09	6.9E-09	3.7E-10	3.7E-10	3.0E-10	1.9E-09
Benzo(a)pyrene	3.1E-12	2.6E-08	5.6E-07	2.4E-08	1.0E-06	1.2E-09	2.7E-09	1.5E-10	1.5E-10	1.2E-12	1.1E-10
Benzo(b)fluoranthene	8.3E-13	4.7E-08	7.9E-07	4.2E-08	1.4E-06	1.3E-09	3.0E-09	1.6E-10	1.6E-10	2.1E-12	1.5E-10
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	3.5E-08	4.0E-07	3.2E-08	7.2E-07	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.6E-12	7.8E-11

Table H-180 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.7E-08	5.7E-07	2.5E-08	1.0E-06	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.2E-12	1.1E-10
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	1.4E-07	3.1E-13	2.5E-07	1.9E-10	4.3E-10	2.3E-11	2.3E-11	1.5E-17	2.7E-11
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.1E-08	3.6E-07	1.0E-08	6.6E-07	6.2E-10	1.4E-09	7.7E-11	7.7E-11	5.0E-13	7.1E-11
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16

Table H-180 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
Chlordecone (Kepone)		1.3E-06		1.5E-06						7.3E-11	
DDE				2.1E-07	2.2E-07					6.5E-09	4.0E-08
Dieldrin			1.0E-08		2.4E-08						2.5E-12
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						2.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		

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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						3.4E-04	2.3E-03				
p-Chloroaniline			3.3E-07		7.7E-07						8.4E-11
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	4.4E-05	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.4E-05	2.7E-04	9.7E-06	9.7E-06		

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Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	3.4E-04	1.2E-11	1.2E-11		
Bromoform							1.5E-03				
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.5E-04	3.9E-04	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					2.2E-05	7.9E-04	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					2.7E-05	2.2E-04	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		

Table H-180 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					7.3E-12	4.5E-04	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10		

Table H-181 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						7.2E-05	1.7E-04	9.0E-06	9.0E-06		
Aldehydes											
Acetaldehyde	7.9E-15					1.2E-04	2.9E-04	1.6E-05	1.6E-05		
Formaldehyde	3.9E-14					2.7E-01	3.4E+00	6.6E-06	6.6E-06		
Propionaldehyde				1.9E-16	5.4E-16	1.4E-05	3.1E-05	1.7E-06	1.7E-06	1.4E-12	8.9E-12
CO											
Carbon monoxide						3.8E-03	8.8E-03	4.8E-04	4.8E-04		
CO2											
Carbon dioxide						1.2E-04	2.8E-04	1.5E-05	1.5E-05		
Criteria											
Sulfur Dioxide						3.2E-05	7.5E-05	4.1E-06	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	7.8E-20	6.4E-17	9.0E-17	2.5E-16	7.1E-16	7.3E-11	1.7E-10	9.1E-12	9.1E-12	1.2E-17	7.7E-17
1,2,3,4,6,7,8-HpCDF	7.6E-20	6.5E-17	9.1E-17	2.6E-16	7.2E-16	7.3E-11	1.7E-10	9.2E-12	9.2E-12	1.3E-17	7.8E-17
1,2,3,4,7,8,9-HpCDF	1.2E-20	7.5E-18	1.0E-17	2.9E-17	8.2E-17	9.3E-12	2.1E-11	1.2E-12	1.2E-12	1.4E-18	8.9E-18
1,2,3,4,7,8-HxCDD	9.4E-20	7.3E-18	1.0E-17	2.9E-17	8.1E-17	8.7E-12	2.0E-11	1.1E-12	1.1E-12	1.4E-18	8.7E-18
1,2,3,4,7,8-HxCDF	6.5E-19	5.8E-17	8.1E-17	2.3E-16	6.4E-16	7.1E-11	1.6E-10	8.9E-12	8.9E-12	1.1E-17	6.9E-17
1,2,3,6,7,8-HxCDD	1.8E-19	1.5E-17	2.1E-17	5.9E-17	1.6E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	2.9E-18	1.8E-17
1,2,3,6,7,8-HxCDF	2.4E-19	1.9E-17	2.7E-17	7.5E-17	2.1E-16	2.3E-11	5.3E-11	2.9E-12	2.9E-12	3.7E-18	2.3E-17
1,2,3,7,8,9-HxCDD	2.6E-19	2.4E-17	3.3E-17	9.3E-17	2.6E-16	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.5E-18	2.8E-17
1,2,3,7,8,9-HxCDF	2.1E-20	1.4E-18	1.9E-18	5.4E-18	1.5E-17	1.8E-12	4.1E-12	2.2E-13	2.2E-13	2.6E-19	1.6E-18
1,2,3,7,8-PeCDD	5.9E-19	8.3E-18	1.2E-17	3.3E-17	9.1E-17	1.1E-11	2.6E-11	1.4E-12	1.4E-12	1.6E-18	9.9E-18
1,2,3,7,8-PeCDF	8.2E-19	9.7E-18	1.4E-17	3.8E-17	1.1E-16	1.6E-11	3.6E-11	2.0E-12	2.0E-12	1.9E-18	1.2E-17

Table H-181 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	3.5E-19	3.0E-17	4.2E-17	1.2E-16	3.3E-16	3.6E-11	8.2E-11	4.5E-12	4.5E-12	5.7E-18	3.5E-17
2,3,4,7,8-PeCDF	1.3E-18	2.3E-17	3.2E-17	9.2E-17	2.6E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	4.5E-18	2.8E-17
2,3,7,8-TCDD	2.1E-19	1.7E-18	2.4E-18	6.7E-18	1.9E-17	4.4E-12	1.0E-11	5.6E-13	5.6E-13	2.3E-16	1.4E-15
2,3,7,8-TCDF	6.8E-19	3.1E-18	4.3E-18	1.2E-17	3.4E-17	1.6E-11	3.8E-11	2.0E-12	2.0E-12	6.0E-19	3.7E-18
OCDD	1.0E-21	4.4E-17	6.1E-17	1.7E-16	4.8E-16	4.8E-11	1.1E-10	6.0E-12	6.0E-12	8.4E-18	5.2E-17
OCDF	3.9E-22	1.7E-17	2.3E-17	6.6E-17	1.9E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	3.2E-18	2.0E-17
HCN											
Hydrogen cyanide						1.4E-05	3.1E-05	1.7E-06	1.7E-06		
Metals											
Aluminum				8.8E-04	2.0E-03					4.3E-05	2.2E-04
Antimony	1.3E-18			3.2E-08	4.1E-08	8.9E-07	2.1E-06	1.1E-07	1.1E-07	1.6E-09	4.4E-09
Arsenic	7.0E-17	3.1E-08	3.9E-08	7.3E-08	1.8E-07	5.1E-08	1.2E-07	6.4E-09	6.4E-09	5.9E-09	3.3E-08
Barium	1.6E-13			1.5E-10	4.3E-10	1.1E-05	2.5E-05	1.3E-06	1.3E-06	7.5E-12	4.6E-11
Beryllium	2.8E-18			9.0E-17	2.5E-16	3.7E-09	8.5E-09	4.6E-10	4.6E-10	4.4E-18	2.7E-17
Cadmium	7.2E-16			7.0E-17	2.0E-16	6.5E-08	1.5E-07	8.1E-09	8.1E-09	3.4E-18	2.1E-17
Chromium	1.9E-16			4.6E-12	1.3E-11	5.5E-07	1.3E-06	6.9E-08	6.9E-08	2.2E-13	1.4E-12
Cobalt				2.3E-06	3.2E-06	8.4E-07	1.9E-06	1.1E-07	1.1E-07	1.1E-07	3.4E-07
Copper				1.7E-11	4.7E-11	1.5E-06	3.5E-06	1.9E-07	1.9E-07	8.2E-13	5.0E-12
Iron				1.9E-03	3.4E-03					9.6E-05	3.7E-04
Lead	5.9E-19			9.2E-06	4.5E-06	5.1E-07	1.2E-06	6.4E-08	6.4E-08	4.5E-07	4.9E-07
Manganese				6.8E-14	1.9E-13	4.7E-07	1.1E-06	5.8E-08	5.8E-08	3.3E-15	2.1E-14
Mercury (+2)				1.5E-15	4.1E-15	2.0E-09	4.7E-09	2.5E-10	2.5E-10	7.2E-17	4.4E-16
Mercury, elemental				1.5E-07	2.3E-09	8.4E-12	1.9E-11	1.1E-12	1.1E-12	2.8E-04	1.7E-03
Methyl Mercury	5.6E-16			8.7E-17	2.4E-16					4.3E-18	2.6E-17

Table H-181 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	2.8E-16			4.8E-05	6.8E-05	3.0E-07	6.9E-07	3.7E-08	3.7E-08	2.3E-06	7.3E-06
Phosphorus				6.4E-16	1.8E-15	2.3E-06	5.2E-06	2.8E-07	2.8E-07	6.2E-12	3.8E-11
Selenium	2.4E-17			3.5E-18	9.7E-18	1.5E-08	3.5E-08	1.9E-09	1.9E-09	1.7E-19	1.0E-18
Silver	1.6E-17			5.6E-14	1.6E-13	9.8E-09	2.3E-08	1.2E-09	1.2E-09	2.7E-15	1.7E-14
Thallium (Soluble Salts)					1.2E-08						1.3E-09
Titanium				6.9E-16	1.9E-15	5.2E-09	1.2E-08	6.5E-10	6.5E-10	3.4E-17	2.1E-16
Zinc	3.5E-13			1.6E-14	4.4E-14	1.2E-05	2.7E-05	1.5E-06	1.5E-06	7.7E-16	4.8E-15
NOx											
NOx (Oxides of Nitrogen)						1.3E-04	3.1E-04	1.7E-05	1.7E-05		
PAHs											
1-Methylnaphthalene		2.0E-17	2.9E-17	1.9E-17	5.2E-17	2.8E-06	6.5E-06	3.5E-07	3.5E-07	2.1E-14	1.3E-13
1-Methylphenanthrene				1.2E-14	3.5E-14	3.4E-07	7.8E-07	4.2E-08	4.2E-08	6.1E-16	3.7E-15
2,3,5-Trimethylnaphthalene				5.8E-15	1.6E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	2.8E-16	1.8E-15
2,6-Dimethylnaphthalene				1.6E-14	4.4E-14	4.4E-07	1.0E-06	5.5E-08	5.5E-08	7.8E-16	4.8E-15
2-Methylnaphthalene		2.0E-17	2.8E-17	1.8E-17	5.0E-17	2.7E-06	6.3E-06	3.4E-07	3.4E-07	2.1E-14	1.3E-13
Acenaphthylene				5.1E-14	1.4E-13	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.5E-15	1.5E-14
Acenaphthene	2.9E-16					3.0E-07	6.8E-07	3.7E-08	3.7E-08		
Anthracene	3.7E-15					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Benzo(a)anthracene	5.3E-13	1.9E-09	2.0E-13	1.7E-09	3.6E-13	2.6E-07	5.9E-07	3.2E-08	3.2E-08	2.6E-08	1.6E-07
Benzo(a)pyrene	2.6E-13	2.2E-09	9.2E-14	2.0E-09	1.7E-13	1.0E-07	2.3E-07	1.3E-08	1.3E-08	9.9E-11	1.8E-14
Benzo(b)fluoranthene	7.1E-14	4.0E-09	5.3E-15	3.6E-09	9.7E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	1.8E-10	1.0E-15
Benzo(e)pyrene				2.9E-15	8.2E-15	8.6E-08	2.0E-07	1.1E-08	1.1E-08	1.4E-16	8.8E-16
Benzo(g,h,i)perylene				2.1E-15	6.0E-15	6.6E-08	1.5E-07	8.2E-09	8.2E-09	1.1E-16	6.5E-16
Benzo(k)fluoranthene	5.3E-16	3.0E-09	5.4E-15	2.8E-09	9.9E-15	1.0E-09	2.3E-09	1.2E-10	1.2E-10	1.3E-10	1.1E-15

Table H-181 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				2.9E-16	8.0E-16	9.5E-06	2.2E-05	1.2E-06	1.2E-06	1.7E-13	1.0E-12
Chrysene	9.0E-14	2.3E-09	2.5E-13	2.1E-09	4.5E-13	4.4E-07	1.0E-06	5.5E-08	5.5E-08	1.0E-10	4.9E-14
Dibenze(a,h)anthracene	1.3E-14	2.3E-14	3.2E-14	2.1E-14	5.8E-14	1.6E-08	3.7E-08	2.0E-09	2.0E-09	1.0E-15	6.2E-15
Fluoranthene	2.4E-14	5.2E-15	7.2E-15	4.7E-15	1.3E-14	6.4E-07	1.5E-06	8.0E-08	8.0E-08	2.3E-16	1.4E-15
Fluorene	5.2E-15					1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Indeno(1,2,3-cd)pyrene	3.2E-14	9.7E-10	9.0E-14	8.8E-10	1.6E-13	5.3E-08	1.2E-07	6.6E-09	6.6E-09	4.3E-11	1.8E-14
Napthalene	2.4E-15					1.3E-05	2.9E-05	1.6E-06	1.6E-06		
Perylene				1.1E-15	3.2E-15	4.0E-08	9.1E-08	4.9E-09	4.9E-09	5.5E-17	3.4E-16
Phenanthrene	2.5E-14					3.0E-06	6.9E-06	3.8E-07	3.8E-07		
Pyrene	1.7E-14	1.4E-14	2.0E-14	1.3E-14	3.6E-14	6.3E-07	1.4E-06	7.8E-08	7.8E-08	3.6E-13	2.2E-12
Particulate											
Particulate Total Suspended Particulate				2.6E-10	7.2E-10	2.0E-03	4.6E-03	2.5E-04	2.5E-04	1.3E-11	7.7E-11
PM<10				3.3E-10	9.2E-10	2.6E-03	6.1E-03	3.3E-04	3.3E-04	1.6E-11	9.9E-11
PM<2.5				2.7E-10	7.6E-10	2.3E-03	5.2E-03	2.8E-04	2.8E-04	1.3E-11	8.2E-11
PCBs											
Dichlorobiphenyl	5.2E-16	3.0E-17	4.2E-17	2.6E-17	7.2E-17	8.0E-09	1.8E-08	9.9E-10	9.9E-10	2.4E-15	1.5E-14
Heptachlorobiphenyl	2.0E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	1.1E-10	2.5E-10	1.4E-11	1.4E-11	1.5E-16	9.2E-16
Hexachlorobiphenyl	7.9E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	4.6E-10	1.1E-09	5.7E-11	5.7E-11	6.7E-16	4.1E-15
Monochlorobiphenyl	3.6E-15	2.1E-16	2.9E-16	1.8E-16	5.0E-16	5.5E-08	1.3E-07	6.9E-09	6.9E-09	1.7E-14	1.0E-13
Nonachlorobiphenyl	2.4E-18	6.1E-19	8.6E-19	5.2E-19	1.4E-18	1.5E-11	3.6E-11	1.9E-12	1.9E-12	2.6E-17	1.6E-16
Octachlorobiphenyl	5.8E-18	1.1E-18	1.6E-18	9.5E-19	2.7E-18	3.3E-11	7.7E-11	4.2E-12	4.2E-12	4.8E-17	3.0E-16
Pentachlorobiphenyl	2.6E-16	5.6E-17	7.9E-17	4.8E-17	1.3E-16	1.6E-09	3.6E-09	2.0E-10	2.0E-10	2.4E-15	1.5E-14
Tetrachlorobiphenyl	1.5E-16	1.2E-17	1.6E-17	9.8E-18	2.7E-17	2.6E-09	6.0E-09	3.2E-10	3.2E-10	9.1E-16	5.6E-15
Trichlorobiphenyl	2.0E-16	1.4E-17	1.9E-17	1.2E-17	3.3E-17	3.3E-09	7.6E-09	4.1E-10	4.1E-10	1.1E-15	6.8E-15

Table H-181 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
Chlordecone (Kepone)		1.1E-07		1.3E-07						6.3E-09	
DDE				1.8E-08	6.7E-09					5.6E-07	3.4E-06
SVOCs											
1,2,4-trichlorobenzene						2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2-dichlorobenzene	2.4E-19					9.3E-09	2.2E-08	1.2E-09	1.2E-09		
1,3-Butadiene						1.9E-03					
1,3-dichlorobenzene	5.9E-19					1.4E-08	3.2E-08	1.7E-09	1.7E-09		
1,4-dichlorobenzene	7.9E-18					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
2,4-Dimethylphenol	2.2E-16					2.0E-06	4.7E-06	2.5E-07	2.5E-07		
2-Chlorophenol	1.1E-17					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
2-Methylphenol	4.5E-15					4.8E-06	1.1E-05	6.0E-07	6.0E-07		
2-Nitrophenol	2.7E-17					6.5E-07	1.5E-06	8.1E-08	8.1E-08		
3-Methylphenol & 4-Methylphenol				3.2E-13	8.8E-13	8.6E-06	2.0E-05	1.1E-06	1.1E-06	1.5E-14	9.5E-14
4-Nitrophenol	5.6E-17					1.1E-06	2.5E-06	1.3E-07	1.3E-07		
Acetophenone	3.4E-16					1.0E-05	2.3E-05	1.3E-06	1.3E-06		
Benzoic acid	1.4E-15					4.6E-05	1.1E-04	5.8E-06	5.8E-06		
Benzyl alcohol	8.4E-19					3.9E-07	8.9E-07	4.8E-08	4.8E-08		
bis(2-Ethylhexyl) phthalate	4.2E-14	5.7E-13	8.0E-13	6.8E-13	1.9E-12	1.6E-05	3.8E-05	2.0E-06	2.0E-06	3.3E-14	2.0E-13
Butyl benzyl phthalate	1.5E-14	2.8E-16	3.9E-16	3.3E-16	9.2E-16	5.1E-07	1.2E-06	6.4E-08	6.4E-08	1.6E-17	9.9E-17
Carbazole				1.2E-15	3.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	5.9E-17	3.6E-16
Dibenzofuran		1.2E-17	1.7E-17	4.8E-17	1.4E-16	8.2E-07	1.9E-06	1.0E-07	1.0E-07	2.1E-14	1.3E-13
Dimethyl phthalate	5.5E-18					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
Di-n-butyl phthalate	1.4E-13	2.8E-16	3.9E-16	3.3E-16	9.2E-16	7.9E-07	1.8E-06	9.8E-08	9.8E-08	1.6E-17	9.9E-17

Table H-181 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.1E-18	8.0E-16	1.1E-15	9.5E-16	2.7E-15	5.5E-08	1.3E-07	6.9E-09	6.9E-09	4.7E-17	2.9E-16
Hexachlorobutadiene	5.8E-16					3.8E-06	8.8E-06	4.8E-07	4.8E-07		
Isopropanol						2.9E-02					
Phenol	1.3E-14					2.6E-05	6.0E-05	3.2E-06	3.2E-06		
Pyridine	6.6E-16					2.4E-06	5.7E-06	3.1E-07	3.1E-07		
TRS											
Total Reduced Sulfur						2.5E-05	5.8E-05	3.1E-06	3.1E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.3E-19					1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,1,1-Trichloroethane	1.5E-20					1.1E-08	2.6E-08	1.4E-09	1.4E-09		
1,1-Dichloroethene	5.1E-22					2.2E-09	5.1E-09	2.8E-10	2.8E-10		
1,2,3-Trichlorobenzene	1.6E-17					4.6E-08	1.1E-07	5.7E-09	5.7E-09		
1,2,3-Trichloropropane	9.3E-20					9.3E-09	2.1E-08	1.2E-09	1.2E-09		
1,2,4-Trimethylbenzene						5.3E-07	1.2E-06	6.7E-08	6.7E-08		
1,2-Dibromoethane	3.2E-20					5.9E-09	1.4E-08	7.4E-10	7.4E-10		
1,2-Dichloroethane	1.0E-18					2.4E-07	5.5E-07	8.6E-05	8.6E-05		
1,3,5-Trimethylbenzene	5.2E-18					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
1,3-Dichloropropane						5.7E-09	1.3E-08	7.2E-10	7.2E-10		
2-Butanone	2.1E-16					2.8E-06	6.5E-06	3.5E-07	3.5E-07		
2-Chlorotoluene						1.3E-07	2.9E-07	1.6E-08	1.6E-08		
2-Hexanone						5.8E-07	1.3E-06	7.2E-08	7.2E-08		
Benzene	1.7E-16					7.2E-03	1.7E-04	8.3E-04	8.3E-04		
Bromobenzene						3.2E-06	7.4E-06	4.0E-07	4.0E-07		
Bromochloromethane						7.6E-09	1.7E-08	9.4E-10	9.4E-10		

Table H-181 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	2.7E-20					8.2E-09	1.9E-08	1.0E-09	1.0E-09		
Bromomethane	1.1E-19					3.3E-07	7.5E-07	4.1E-08	4.1E-08		
Carbon disulfide	1.1E-19					2.9E-07	6.6E-07	3.6E-08	3.6E-08		
Carbon tetrachloride	1.2E-20					1.3E-02	4.3E-08	1.3E-03	1.3E-03		
Chlorobenzene	4.0E-18					4.1E-07	9.5E-07	5.2E-08	5.2E-08		
Chlorodibromomethane	1.6E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
Chloroethane	3.2E-19					7.8E-07	1.8E-06	9.8E-08	9.8E-08		
Chloroform	2.4E-19					1.9E-03	3.9E-07	2.1E-04	2.1E-04		
Chloromethane	8.4E-19					2.7E-06	6.1E-06	3.3E-07	3.3E-07		
cis-1,2-Dichloroethene	3.3E-19					3.4E-07	7.9E-07	4.3E-08	4.3E-08		
cis-1,3-Dichloropropene						2.1E-09	4.8E-09	2.6E-10	2.6E-10		
Dibromomethane	3.6E-20					1.7E-08	4.0E-08	2.2E-09	2.2E-09		
Dichlorodifluoromethane	4.0E-22					2.1E-08	4.9E-08	2.7E-09	2.7E-09		
Ethylbenzene	1.3E-16					2.3E-03	3.9E-05	2.1E-06	2.1E-06		
Isopropylbenzene	1.7E-19					1.4E-06	3.1E-06	1.7E-07	1.7E-07		
m&p-Xylene	2.0E-17					3.1E-06	7.2E-06	3.9E-07	3.9E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.1E-19					3.1E-08	7.1E-08	3.8E-09	3.8E-09		
Methylene chloride	2.2E-18					1.5E-06	3.6E-06	1.9E-07	1.9E-07		
n-Butylbenzene						6.7E-07	1.5E-06	8.3E-08	8.3E-08		
n-Propylbenzene						8.0E-07	1.9E-06	1.0E-07	1.0E-07		
o-Xylene	2.4E-17					2.0E-06	4.5E-06	2.5E-07	2.5E-07		
p-Chlorotoluene						4.8E-08	1.1E-07	5.9E-09	5.9E-09		
p-Isopropyltoluene						3.3E-07	7.6E-07	4.1E-08	4.1E-08		
sec-Butylbenzene						1.2E-07	2.8E-07	1.5E-08	1.5E-08		

Table H-181 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Styrene	8.0E-16					4.4E-05	1.0E-04	5.5E-06	5.5E-06		
tert-Butylbenzene						3.9E-06	9.0E-06	4.9E-07	4.9E-07		
Tetrachloroethene	5.7E-20					1.0E-08	2.4E-08	1.3E-09	1.3E-09		
Toluene	1.3E-16					2.7E-05	6.2E-05	3.4E-06	3.4E-06		
trans-1,2-Dichloroethene	5.0E-18					7.2E-06	1.7E-05	9.1E-07	9.1E-07		
trans-1,3-Dichloropropene						3.6E-09	8.4E-09	4.5E-10	4.5E-10		
Trichloroethene	5.8E-22					6.2E-10	1.4E-09	7.8E-11	7.8E-11		
Trichlorofluoromethane	9.0E-22					7.5E-09	1.7E-08	9.4E-10	9.4E-10		
Vinyl chloride	4.1E-20					4.2E-07	9.8E-07	5.3E-08	5.3E-08		

Table H-182 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					3.2E-03	4.0E-02	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19

Table H-182 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.0E-02	2.4E-02					5.0E-07	2.6E-06
Antimony	1.6E-17			3.8E-07	4.8E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.8E-11	5.2E-11
Arsenic	8.1E-16	3.6E-07	4.6E-07	8.5E-07	2.2E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	6.9E-11	3.9E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				2.6E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.3E-09	4.0E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				2.3E-02	4.0E-02					1.1E-06	4.3E-06
Lead	6.9E-18			1.1E-04	5.3E-05	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.2E-09	5.7E-09
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				1.7E-06	2.7E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	3.3E-06	2.0E-05
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19

Table H-182 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	7.9E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.7E-08	8.5E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Thallium (Soluble Salts)					1.4E-07						1.6E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	2.2E-08	2.8E-12	2.0E-08	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	3.0E-10	1.9E-09
Benzo(a)pyrene	3.1E-12	2.6E-08	1.2E-12	2.4E-08	2.3E-12	1.2E-09	2.7E-09	1.5E-10	1.5E-10	1.2E-12	2.4E-16
Benzo(b)fluoranthene	8.3E-13	4.7E-08	7.3E-14	4.2E-08	1.3E-13	1.3E-09	3.0E-09	1.6E-10	1.6E-10	2.1E-12	1.4E-17
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	3.5E-08	9.7E-14	3.2E-08	1.8E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.6E-12	1.9E-17

Table H-182 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.7E-08	3.8E-12	2.5E-08	6.9E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.2E-12	7.4E-16
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	4.7E-13	3.1E-13	8.6E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	1.5E-17	9.3E-17
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.1E-08	1.3E-12	1.0E-08	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	5.0E-13	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16

Table H-182 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Pesticides											
Chlordecone (Kepone)		1.3E-06		1.5E-06						7.3E-11	
DDE				2.1E-07	7.8E-08					6.5E-09	4.0E-08
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						2.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18

Table H-182 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						3.4E-04					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.4E-05	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		

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Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.5E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					2.2E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					2.7E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		

Table H-182 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					7.3E-12	1.7E-11	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10		

Table H-183 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						7.2E-05	1.7E-04	9.0E-06	9.0E-06		
Aldehydes											
Acetaldehyde	7.9E-15					1.2E-04	2.9E-04	1.6E-05	1.6E-05		
Formaldehyde	3.9E-14					2.7E-01	2.3E+00	6.6E-06	6.6E-06		
Propionaldehyde				1.9E-16	5.4E-16	1.4E-05	3.1E-05	1.7E-06	1.7E-06	1.4E-12	8.9E-12
CO											
Carbon monoxide						3.8E-03	8.8E-03	4.8E-04	4.8E-04		
CO2											
Carbon dioxide						1.2E-04	2.8E-04	1.5E-05	1.5E-05		
Criteria											
Sulfur Dioxide						3.2E-05	7.5E-05	4.1E-06	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	7.8E-20	6.4E-17	9.0E-17	2.5E-16	7.1E-16	7.3E-11	1.7E-10	9.1E-12	9.1E-12	1.2E-17	7.7E-17
1,2,3,4,6,7,8-HpCDF	7.6E-20	6.5E-17	9.1E-17	2.6E-16	7.2E-16	7.3E-11	1.7E-10	9.2E-12	9.2E-12	1.3E-17	7.8E-17
1,2,3,4,7,8,9-HpCDF	1.2E-20	7.5E-18	1.0E-17	2.9E-17	8.2E-17	9.3E-12	2.1E-11	1.2E-12	1.2E-12	1.4E-18	8.9E-18
1,2,3,4,7,8-HxCDD	9.4E-20	7.3E-18	1.0E-17	2.9E-17	8.1E-17	8.7E-12	2.0E-11	1.1E-12	1.1E-12	1.4E-18	8.7E-18
1,2,3,4,7,8-HxCDF	6.5E-19	5.8E-17	8.1E-17	2.3E-16	6.4E-16	7.1E-11	1.6E-10	8.9E-12	8.9E-12	1.1E-17	6.9E-17
1,2,3,6,7,8-HxCDD	1.8E-19	1.5E-17	2.1E-17	5.9E-17	1.6E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	2.9E-18	1.8E-17
1,2,3,6,7,8-HxCDF	2.4E-19	1.9E-17	2.7E-17	7.5E-17	2.1E-16	2.3E-11	5.3E-11	2.9E-12	2.9E-12	3.7E-18	2.3E-17
1,2,3,7,8,9-HxCDD	2.6E-19	2.4E-17	3.3E-17	9.3E-17	2.6E-16	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.5E-18	2.8E-17
1,2,3,7,8,9-HxCDF	2.1E-20	1.4E-18	1.9E-18	5.4E-18	1.5E-17	1.8E-12	4.1E-12	2.2E-13	2.2E-13	2.6E-19	1.6E-18
1,2,3,7,8-PeCDD	5.9E-19	8.3E-18	1.2E-17	3.3E-17	9.1E-17	1.1E-11	2.6E-11	1.4E-12	1.4E-12	1.6E-18	9.9E-18
1,2,3,7,8-PeCDF	8.2E-19	9.7E-18	1.4E-17	3.8E-17	1.1E-16	1.6E-11	3.6E-11	2.0E-12	2.0E-12	1.9E-18	1.2E-17

Table H-183 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	3.5E-19	3.0E-17	4.2E-17	1.2E-16	3.3E-16	3.6E-11	8.2E-11	4.5E-12	4.5E-12	5.7E-18	3.5E-17
2,3,4,7,8-PeCDF	1.3E-18	2.3E-17	3.2E-17	9.2E-17	2.6E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	4.5E-18	2.8E-17
2,3,7,8-TCDD	2.1E-19	1.7E-18	2.4E-18	6.7E-18	1.9E-17	4.4E-12	1.0E-11	5.6E-13	5.6E-13	2.3E-16	1.4E-15
2,3,7,8-TCDF	6.8E-19	3.1E-18	4.3E-18	1.2E-17	3.4E-17	1.6E-11	3.8E-11	2.0E-12	2.0E-12	6.0E-19	3.7E-18
OCDD	1.0E-21	4.4E-17	6.1E-17	1.7E-16	4.8E-16	4.8E-11	1.1E-10	6.0E-12	6.0E-12	8.4E-18	5.2E-17
OCDF	3.9E-22	1.7E-17	2.3E-17	6.6E-17	1.9E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	3.2E-18	2.0E-17
HCN											
Hydrogen cyanide						1.4E-05	3.1E-05	1.7E-06	1.7E-06		
Metals											
Aluminum				8.8E-04	1.6E-03					4.3E-05	1.8E-04
Antimony	1.3E-18			3.2E-08	1.4E-08	8.9E-07	2.1E-06	1.1E-07	1.1E-07	1.6E-09	1.6E-09
Arsenic	7.0E-17	3.1E-08	1.6E-08	7.3E-08	7.4E-08	5.1E-08	1.2E-07	6.4E-09	6.4E-09	5.9E-09	1.3E-08
Barium	1.6E-13			1.5E-10	4.3E-10	1.1E-05	2.5E-05	1.3E-06	1.3E-06	7.5E-12	4.6E-11
Beryllium	2.8E-18			9.0E-17	2.5E-16	3.7E-09	8.5E-09	4.6E-10	4.6E-10	4.4E-18	2.7E-17
Cadmium	7.2E-16			7.0E-17	2.0E-16	6.5E-08	1.5E-07	8.1E-09	8.1E-09	3.4E-18	2.1E-17
Chromium	1.9E-16			4.6E-12	1.3E-11	5.5E-07	1.3E-06	6.9E-08	6.9E-08	2.2E-13	1.4E-12
Cobalt				2.3E-06	5.4E-06	8.4E-07	1.9E-06	1.1E-07	1.1E-07	1.1E-07	5.9E-07
Copper				1.7E-11	4.7E-11	1.5E-06	3.5E-06	1.9E-07	1.9E-07	8.2E-13	5.0E-12
Iron				1.9E-03	3.7E-03					9.6E-05	4.0E-04
Lead	5.9E-19			9.2E-06	1.2E-05	5.1E-07	1.2E-06	6.4E-08	6.4E-08	4.5E-07	1.3E-06
Manganese				6.8E-14	1.9E-13	4.7E-07	1.1E-06	5.8E-08	5.8E-08	3.3E-15	2.1E-14
Mercury (+2)				1.5E-15	4.1E-15	2.0E-09	4.7E-09	2.5E-10	2.5E-10	7.2E-17	4.4E-16
Mercury, elemental				1.5E-07	3.8E-09	8.4E-12	1.9E-11	1.1E-12	1.1E-12	2.8E-04	1.7E-03
Methyl Mercury	5.6E-16			8.7E-17	2.4E-16					4.3E-18	2.6E-17

Table H-183 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	2.8E-16			4.8E-05	1.1E-04	3.0E-07	6.9E-07	3.7E-08	3.7E-08	2.3E-06	1.2E-05
Phosphorus				6.4E-16	1.8E-15	2.3E-06	5.2E-06	2.8E-07	2.8E-07	6.2E-12	3.8E-11
Selenium	2.4E-17			3.5E-18	9.7E-18	1.5E-08	3.5E-08	1.9E-09	1.9E-09	1.7E-19	1.0E-18
Silver	1.6E-17			5.6E-14	1.6E-13	9.8E-09	2.3E-08	1.2E-09	1.2E-09	2.7E-15	1.7E-14
Titanium				6.9E-16	1.9E-15	5.2E-09	1.2E-08	6.5E-10	6.5E-10	3.4E-17	2.1E-16
Zinc	3.5E-13			1.6E-14	4.4E-14	1.2E-05	2.7E-05	1.5E-06	1.5E-06	7.7E-16	4.8E-15
NOx											
NOx (Oxides of Nitrogen)						1.3E-04	3.1E-04	1.7E-05	1.7E-05		
PAHs											
1-Methylnaphthalene		2.0E-17	2.9E-17	1.9E-17	5.2E-17	2.8E-06	6.5E-06	3.5E-07	3.5E-07	2.1E-14	1.3E-13
1-Methylphenanthrene				1.2E-14	3.5E-14	3.4E-07	7.8E-07	4.2E-08	4.2E-08	6.1E-16	3.7E-15
2,3,5-Trimethylnaphthalene				5.8E-15	1.6E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	2.8E-16	1.8E-15
2,6-Dimethylnaphthalene				1.6E-14	4.4E-14	4.4E-07	1.0E-06	5.5E-08	5.5E-08	7.8E-16	4.8E-15
2-Methylnaphthalene		2.0E-17	2.8E-17	1.8E-17	5.0E-17	2.7E-06	6.3E-06	3.4E-07	3.4E-07	2.1E-14	1.3E-13
Acenaphthylene				5.1E-14	1.4E-13	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.5E-15	1.5E-14
Acenaphthene	2.9E-16					3.0E-07	6.8E-07	3.7E-08	3.7E-08		
Anthracene	3.7E-15					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Benzo(a)anthracene	5.3E-13	1.9E-09	2.0E-13	1.7E-09	3.6E-13	2.6E-07	5.9E-07	3.2E-08	3.2E-08	2.6E-08	1.6E-07
Benzo(a)pyrene	2.6E-13	2.2E-09	1.1E-08	2.0E-09	2.1E-08	1.0E-07	2.3E-07	1.3E-08	1.3E-08	9.9E-11	2.2E-09
Benzo(b)fluoranthene	7.1E-14	4.0E-09	1.0E-08	3.6E-09	1.8E-08	1.1E-07	2.6E-07	1.4E-08	1.4E-08	1.8E-10	2.0E-09
Benzo(e)pyrene				2.9E-15	8.2E-15	8.6E-08	2.0E-07	1.1E-08	1.1E-08	1.4E-16	8.8E-16
Benzo(g,h,i)perylene				2.1E-15	6.0E-15	6.6E-08	1.5E-07	8.2E-09	8.2E-09	1.1E-16	6.5E-16
Benzo(k)fluoranthene	5.3E-16	3.0E-09	5.4E-15	2.8E-09	9.9E-15	1.0E-09	2.3E-09	1.2E-10	1.2E-10	1.3E-10	1.1E-15
Biphenyl				2.9E-16	8.0E-16	9.5E-06	2.2E-05	1.2E-06	1.2E-06	1.7E-13	1.0E-12

Table H-183 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	9.0E-14	2.3E-09	2.5E-13	2.1E-09	4.5E-13	4.4E-07	1.0E-06	5.5E-08	5.5E-08	1.0E-10	4.9E-14
Dibenze(a,h)anthracene	1.3E-14	2.3E-14	3.2E-14	2.1E-14	5.8E-14	1.6E-08	3.7E-08	2.0E-09	2.0E-09	1.0E-15	6.2E-15
Fluoranthene	2.4E-14	5.2E-15	7.2E-15	4.7E-15	1.3E-14	6.4E-07	1.5E-06	8.0E-08	8.0E-08	2.3E-16	1.4E-15
Fluorene	5.2E-15					1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Indeno(1,2,3-cd)pyrene	3.2E-14	9.7E-10	9.0E-14	8.8E-10	1.6E-13	5.3E-08	1.2E-07	6.6E-09	6.6E-09	4.3E-11	1.8E-14
Napthalene	2.4E-15					1.3E-05	2.9E-05	1.6E-06	1.6E-06		
Perylene				1.1E-15	3.2E-15	4.0E-08	9.1E-08	4.9E-09	4.9E-09	5.5E-17	3.4E-16
Phenanthrene	2.5E-14					3.0E-06	6.9E-06	3.8E-07	3.8E-07		
Pyrene	1.7E-14	1.4E-14	2.0E-14	1.3E-14	3.6E-14	6.3E-07	1.4E-06	7.8E-08	7.8E-08	3.6E-13	2.2E-12
Particulate											
Particulate Total Suspended Particulate				2.6E-10	7.2E-10	2.0E-03	4.6E-03	2.5E-04	2.5E-04	1.3E-11	7.7E-11
PM<10				3.3E-10	9.2E-10	2.6E-03	6.1E-03	3.3E-04	3.3E-04	1.6E-11	9.9E-11
PM<2.5				2.7E-10	7.6E-10	2.3E-03	5.2E-03	2.8E-04	2.8E-04	1.3E-11	8.2E-11
PCBs											
Dichlorobiphenyl	5.2E-16	3.0E-17	4.2E-17	2.6E-17	7.2E-17	8.0E-09	1.8E-08	9.9E-10	9.9E-10	2.4E-15	1.5E-14
Heptachlorobiphenyl	2.0E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	1.1E-10	2.5E-10	1.4E-11	1.4E-11	1.5E-16	9.2E-16
Hexachlorobiphenyl	7.9E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	4.6E-10	1.1E-09	5.7E-11	5.7E-11	6.7E-16	4.1E-15
Monochlorobiphenyl	3.6E-15	2.1E-16	2.9E-16	1.8E-16	5.0E-16	5.5E-08	1.3E-07	6.9E-09	6.9E-09	1.7E-14	1.0E-13
Nonachlorobiphenyl	2.4E-18	6.1E-19	8.6E-19	5.2E-19	1.4E-18	1.5E-11	3.6E-11	1.9E-12	1.9E-12	2.6E-17	1.6E-16
Octachlorobiphenyl	5.8E-18	1.1E-18	1.6E-18	9.5E-19	2.7E-18	3.3E-11	7.7E-11	4.2E-12	4.2E-12	4.8E-17	3.0E-16
Pentachlorobiphenyl	2.6E-16	5.6E-17	7.9E-17	4.8E-17	1.3E-16	1.6E-09	3.6E-09	2.0E-10	2.0E-10	2.4E-15	1.5E-14
Tetrachlorobiphenyl	1.5E-16	1.2E-17	1.6E-17	9.8E-18	2.7E-17	2.6E-09	6.0E-09	3.2E-10	3.2E-10	9.1E-16	5.6E-15
Trichlorobiphenyl	2.0E-16	1.4E-17	1.9E-17	1.2E-17	3.3E-17	3.3E-09	7.6E-09	4.1E-10	4.1E-10	1.1E-15	6.8E-15
Pesticides											

Table H-183 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chlordecone (Kepone)		1.1E-07		1.3E-07						6.3E-09	
DDE				1.8E-08	2.4E-08					5.6E-07	3.4E-06
SVOCs											
1,2,4-trichlorobenzene						2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2-dichlorobenzene	2.4E-19					9.3E-09	2.2E-08	1.2E-09	1.2E-09		
1,3-Butadiene						1.9E-03					
1,3-dichlorobenzene	5.9E-19					1.4E-08	3.2E-08	1.7E-09	1.7E-09		
1,4-dichlorobenzene	7.9E-18					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
2,4-Dimethylphenol	2.2E-16					2.0E-06	4.7E-06	2.5E-07	2.5E-07		
2-Chlorophenol	1.1E-17					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
2-Methylphenol	4.5E-15					4.8E-06	1.1E-05	6.0E-07	6.0E-07		
2-Nitrophenol	2.7E-17					6.5E-07	1.5E-06	8.1E-08	8.1E-08		
3-Methylphenol & 4-Methylphenol				3.2E-13	8.8E-13	8.6E-06	2.0E-05	1.1E-06	1.1E-06	1.5E-14	9.5E-14
4-Nitrophenol	5.6E-17					1.1E-06	2.5E-06	1.3E-07	1.3E-07		
Acetophenone	3.4E-16					1.0E-05	2.3E-05	1.3E-06	1.3E-06		
Benzoic acid	1.4E-15					4.6E-05	1.1E-04	5.8E-06	5.8E-06		
Benzyl alcohol	8.4E-19					3.9E-07	8.9E-07	4.8E-08	4.8E-08		
bis(2-Ethylhexyl) phthalate	4.2E-14	5.7E-13	8.0E-13	6.8E-13	1.9E-12	1.6E-05	3.8E-05	2.0E-06	2.0E-06	3.3E-14	2.0E-13
Butyl benzyl phthalate	1.5E-14	2.8E-16	3.9E-16	3.3E-16	9.2E-16	5.1E-07	1.2E-06	6.4E-08	6.4E-08	1.6E-17	9.9E-17
Carbazole				1.2E-15	3.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	5.9E-17	3.6E-16
Dibenzofuran		1.2E-17	1.7E-17	4.8E-17	1.4E-16	8.2E-07	1.9E-06	1.0E-07	1.0E-07	2.1E-14	1.3E-13
Dimethyl phthalate	5.5E-18					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
Di-n-butyl phthalate	1.4E-13	2.8E-16	3.9E-16	3.3E-16	9.2E-16	7.9E-07	1.8E-06	9.8E-08	9.8E-08	1.6E-17	9.9E-17
Di-n-octyl phthalate	1.1E-18	8.0E-16	1.1E-15	9.5E-16	2.7E-15	5.5E-08	1.3E-07	6.9E-09	6.9E-09	4.7E-17	2.9E-16

Table H-183 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	5.8E-16					3.8E-06	8.8E-06	4.8E-07	4.8E-07		
Isopropanol						2.9E-02					
Phenol	1.3E-14					2.6E-05	6.0E-05	3.2E-06	3.2E-06		
Pyridine	6.6E-16					2.4E-06	5.7E-06	3.1E-07	3.1E-07		
TRS											
Total Reduced Sulfur						2.5E-05	5.8E-05	3.1E-06	3.1E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.3E-19					1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,1,1-Trichloroethane	1.5E-20					1.1E-08	2.6E-08	1.4E-09	1.4E-09		
1,1-Dichloroethene	5.1E-22					2.2E-09	5.1E-09	2.8E-10	2.8E-10		
1,2,3-Trichlorobenzene	1.6E-17					4.6E-08	1.1E-07	5.7E-09	5.7E-09		
1,2,3-Trichloropropane	9.3E-20					9.3E-09	2.1E-08	1.2E-09	1.2E-09		
1,2,4-Trimethylbenzene						5.3E-07	1.2E-06	6.7E-08	6.7E-08		
1,2-Dibromoethane	3.2E-20					5.9E-09	1.4E-08	7.4E-10	7.4E-10		
1,2-Dichloroethane	1.0E-18					2.4E-07	5.5E-07	8.6E-05	8.6E-05		
1,3,5-Trimethylbenzene	5.2E-18					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
1,3-Dichloropropane						5.7E-09	1.3E-08	7.2E-10	7.2E-10		
2-Butanone	2.1E-16					2.8E-06	6.5E-06	3.5E-07	3.5E-07		
2-Chlorotoluene						1.3E-07	2.9E-07	1.6E-08	1.6E-08		
2-Hexanone						5.8E-07	1.3E-06	7.2E-08	7.2E-08		
Benzene	1.7E-16					7.2E-03	1.7E-04	8.3E-04	8.3E-04		
Bromobenzene						3.2E-06	7.4E-06	4.0E-07	4.0E-07		
Bromochloromethane						7.6E-09	1.7E-08	9.4E-10	9.4E-10		
Bromodichloromethane	2.7E-20					8.2E-09	1.9E-08	1.0E-09	1.0E-09		

Table H-183 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromomethane	1.1E-19					3.3E-07	7.5E-07	4.1E-08	4.1E-08		
Carbon disulfide	1.1E-19					2.9E-07	6.6E-07	3.6E-08	3.6E-08		
Carbon tetrachloride	1.2E-20					1.3E-02	4.3E-08	1.3E-03	1.3E-03		
Chlorobenzene	4.0E-18					4.1E-07	9.5E-07	5.2E-08	5.2E-08		
Chlorodibromomethane	1.6E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
Chloroethane	3.2E-19					7.8E-07	1.8E-06	9.8E-08	9.8E-08		
Chloroform	2.4E-19					1.9E-03	3.9E-07	2.1E-04	2.1E-04		
Chloromethane	8.4E-19					2.7E-06	6.1E-06	3.3E-07	3.3E-07		
cis-1,2-Dichloroethene	3.3E-19					3.4E-07	7.9E-07	4.3E-08	4.3E-08		
cis-1,3-Dichloropropene						2.1E-09	4.8E-09	2.6E-10	2.6E-10		
Dibromomethane	3.6E-20					1.7E-08	4.0E-08	2.2E-09	2.2E-09		
Dichlorodifluoromethane	4.0E-22					2.1E-08	4.9E-08	2.7E-09	2.7E-09		
Ethylbenzene	1.3E-16					2.3E-03	3.9E-05	2.1E-06	2.1E-06		
Isopropylbenzene	1.7E-19					1.4E-06	3.1E-06	1.7E-07	1.7E-07		
m&p-Xylene	2.0E-17					3.1E-06	7.2E-06	3.9E-07	3.9E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.1E-19					3.1E-08	7.1E-08	3.8E-09	3.8E-09		
Methylene chloride	2.2E-18					1.5E-06	3.6E-06	1.9E-07	1.9E-07		
n-Butylbenzene						6.7E-07	1.5E-06	8.3E-08	8.3E-08		
n-Propylbenzene						8.0E-07	1.9E-06	1.0E-07	1.0E-07		
o-Xylene	2.4E-17					2.0E-06	4.5E-06	2.5E-07	2.5E-07		
p-Chlorotoluene						4.8E-08	1.1E-07	5.9E-09	5.9E-09		
p-Isopropyltoluene						3.3E-07	7.6E-07	4.1E-08	4.1E-08		
sec-Butylbenzene						1.2E-07	2.8E-07	1.5E-08	1.5E-08		
Styrene	8.0E-16					4.4E-05	1.0E-04	5.5E-06	5.5E-06		

Table H-183 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						3.9E-06	9.0E-06	4.9E-07	4.9E-07		
Tetrachloroethene	5.7E-20					1.0E-08	2.4E-08	1.3E-09	1.3E-09		
Toluene	1.3E-16					2.7E-05	6.2E-05	3.4E-06	3.4E-06		
trans-1,2-Dichloroethene	5.0E-18					7.2E-06	1.7E-05	9.1E-07	9.1E-07		
trans-1,3-Dichloropropene						3.6E-09	8.4E-09	4.5E-10	4.5E-10		
Trichloroethene	5.8E-22					6.2E-10	1.4E-09	7.8E-11	7.8E-11		
Trichlorofluoromethane	9.0E-22					7.5E-09	1.7E-08	9.4E-10	9.4E-10		
Vinyl chloride	4.1E-20					4.2E-07	9.8E-07	5.3E-08	5.3E-08		

Table H-184 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					3.2E-03	2.7E-02	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	1.9E-15	5.5E-15	1.5E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.0E-15	5.5E-15	1.6E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	2.7E-19	1.7E-18
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	2.3E-16	6.4E-16	1.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	2.2E-16	6.2E-16	1.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	3.1E-20	1.9E-19
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	1.8E-15	4.9E-15	1.4E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	2.4E-19	1.5E-18
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	4.5E-16	1.3E-15	3.6E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	6.2E-20	3.8E-19
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	5.7E-16	1.6E-15	4.5E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	7.9E-20	4.9E-19
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	7.1E-16	2.0E-15	5.6E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	9.8E-20	6.0E-19
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	4.1E-17	1.2E-16	3.2E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	5.7E-21	3.5E-20
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	2.5E-16	7.0E-16	2.0E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.5E-20	2.1E-19
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	2.9E-16	8.3E-16	2.3E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	4.0E-20	2.5E-19

Table H-184 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	9.0E-16	2.5E-15	7.1E-15	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.2E-19	7.6E-19
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	7.0E-16	2.0E-15	5.5E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	9.7E-20	6.0E-19
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.1E-17	1.4E-16	4.0E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	4.9E-18	3.0E-17
2,3,7,8-TCDF	8.0E-18	6.6E-17	9.3E-17	2.6E-16	7.3E-16	1.9E-13	4.4E-13	2.4E-14	2.4E-14	1.3E-20	7.9E-20
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	1.8E-19	1.1E-18
OCDF	6.7E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	7.0E-20	4.3E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.0E-02	1.9E-02					5.0E-07	2.1E-06
Antimony	1.6E-17			3.8E-07	1.7E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.8E-11	1.8E-11
Arsenic	8.1E-16	3.6E-07	1.8E-07	8.5E-07	8.6E-07	5.9E-10	1.4E-09	7.4E-11	7.4E-11	6.9E-11	1.6E-10
Barium	2.3E-12			3.1E-09	8.7E-09	1.3E-07	2.9E-07	1.6E-08	1.6E-08	1.5E-13	9.4E-13
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.6E-15			8.3E-11	2.3E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.1E-15	2.5E-14
Cobalt				2.6E-05	6.4E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.3E-09	6.9E-09
Copper				3.4E-10	9.4E-10	1.8E-08	4.1E-08	2.2E-09	2.2E-09	1.6E-14	1.0E-13
Iron				2.3E-02	4.3E-02					1.1E-06	4.7E-06
Lead	6.9E-18			1.1E-04	1.4E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.2E-09	1.6E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				3.4E-14	9.6E-14	2.4E-11	5.4E-11	2.9E-12	2.9E-12	1.7E-18	1.0E-17
Mercury, elemental				1.7E-06	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	3.3E-06	2.0E-05
Methyl Mercury	8.7E-15			2.0E-15	5.7E-15					1.0E-19	6.2E-19

Table H-184 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	1.3E-03	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.7E-08	1.4E-07
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.4E-13	2.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.1E-17	2.5E-16
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	2.2E-08	2.8E-12	2.0E-08	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	3.0E-10	1.9E-09
Benzo(a)pyrene	3.1E-12	2.6E-08	1.3E-07	2.4E-08	2.4E-07	1.2E-09	2.7E-09	1.5E-10	1.5E-10	1.2E-12	2.6E-11
Benzo(b)fluoranthene	8.3E-13	4.7E-08	1.2E-07	4.2E-08	2.2E-07	1.3E-09	3.0E-09	1.6E-10	1.6E-10	2.1E-12	2.3E-11
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.4E-15	3.5E-08	9.7E-14	3.2E-08	1.8E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.6E-12	1.9E-17
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14

Table H-184 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	1.1E-12	2.7E-08	3.8E-12	2.5E-08	6.9E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.2E-12	7.4E-16
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	4.7E-13	3.1E-13	8.6E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	1.5E-17	9.3E-17
Fluoranthene	2.8E-13	6.7E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.1E-08	1.3E-12	1.0E-08	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	5.0E-13	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.5E-13	3.5E-13	2.3E-13	6.4E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	6.4E-15	3.9E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	9.1E-16	5.5E-16	1.5E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	5.1E-17	3.1E-16
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.0E-16	6.3E-17	1.8E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	3.2E-18	2.0E-17
Hexachlorobiphenyl	9.3E-16	3.4E-16	4.7E-16	2.9E-16	8.0E-16	5.3E-12	1.2E-11	6.7E-13	6.7E-13	1.5E-17	8.9E-17
Monochlorobiphenyl	4.3E-14	4.5E-15	6.3E-15	3.8E-15	1.1E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	3.5E-16	2.2E-15
Nonachlorobiphenyl	2.9E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	5.7E-19	3.5E-18
Octachlorobiphenyl	6.8E-17	2.4E-17	3.4E-17	2.0E-17	5.7E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.0E-18	6.4E-18
Pentachlorobiphenyl	3.1E-15	1.2E-15	1.7E-15	1.0E-15	2.9E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.2E-17	3.2E-16
Tetrachlorobiphenyl	1.8E-15	2.5E-16	3.5E-16	2.1E-16	5.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	2.0E-17	1.2E-16
Trichlorobiphenyl	2.4E-15	3.0E-16	4.2E-16	2.5E-16	7.0E-16	3.8E-11	8.8E-11	4.8E-12	4.8E-12	2.3E-17	1.4E-16
Pesticides											

Table H-184 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chlordecone (Kepone)		1.3E-06		1.5E-06						7.3E-11	
DDE				2.1E-07	2.8E-07					6.5E-09	4.0E-08
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						2.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18

Table H-184 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						3.4E-04					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.4E-05	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		

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Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.5E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					2.2E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					2.7E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		

Table H-184 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09				
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11				
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08				
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08				
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12				
Trichloroethene	6.8E-21					7.3E-12	1.7E-11	9.1E-13	9.1E-13				
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11				
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10				

Table H-185 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						7.2E-05	2.6E-03	9.0E-06	8.5E-04		
Aldehydes											
Acetaldehyde	7.9E-15					1.2E-04	4.4E-03	1.6E-05	1.5E-03		
Formaldehyde	3.9E-14					2.7E-01	1.7E-03	6.6E-06	5.8E-04		
Propionaldehyde				1.9E-16	6.2E-15	1.4E-05	4.9E-04	1.7E-06	1.6E-04	1.4E-12	1.0E-10
CO											
Carbon monoxide						3.8E-03	1.4E-01	4.8E-04	4.8E-02		
CO2											
Carbon dioxide						1.2E-04	4.3E-03	1.5E-05	1.4E-03		
Criteria											
Sulfur Dioxide						3.2E-05	1.0E-03	4.1E-06	3.5E-04		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	7.8E-20	6.4E-17	1.2E-15	2.5E-16	9.5E-15	7.3E-11	2.9E-09	9.1E-12	9.7E-10	1.2E-17	1.0E-15
1,2,3,4,6,7,8-HpCDF	7.6E-20	6.5E-17	1.2E-15	2.6E-16	9.5E-15	7.3E-11	2.9E-09	9.2E-12	9.7E-10	1.3E-17	1.0E-15
1,2,3,4,7,8,9-HpCDF	1.2E-20	7.5E-18	1.5E-16	2.9E-17	1.1E-15	9.3E-12	3.8E-10	1.2E-12	1.3E-10	1.4E-18	1.2E-16
1,2,3,4,7,8-HxCDD	9.4E-20	7.3E-18	1.4E-16	2.9E-17	1.1E-15	8.7E-12	3.5E-10	1.1E-12	1.2E-10	1.4E-18	1.2E-16
1,2,3,4,7,8-HxCDF	6.5E-19	5.8E-17	1.1E-15	2.3E-16	8.8E-15	7.1E-11	2.9E-09	8.9E-12	9.6E-10	1.1E-17	9.5E-16
1,2,3,6,7,8-HxCDD	1.8E-19	1.5E-17	2.9E-16	5.9E-17	2.3E-15	1.8E-11	7.4E-10	2.3E-12	2.5E-10	2.9E-18	2.5E-16
1,2,3,6,7,8-HxCDF	2.4E-19	1.9E-17	3.7E-16	7.5E-17	2.9E-15	2.3E-11	9.4E-10	2.9E-12	3.1E-10	3.7E-18	3.2E-16
1,2,3,7,8,9-HxCDD	2.6E-19	2.4E-17	4.5E-16	9.3E-17	3.6E-15	2.8E-11	1.1E-09	3.5E-12	3.8E-10	4.5E-18	3.9E-16
1,2,3,7,8,9-HxCDF	2.1E-20	1.4E-18	2.7E-17	5.4E-18	2.1E-16	1.8E-12	7.2E-11	2.2E-13	2.4E-11	2.6E-19	2.3E-17
1,2,3,7,8-PeCDD	5.9E-19	8.3E-18	1.6E-16	3.3E-17	1.3E-15	1.1E-11	4.5E-10	1.4E-12	1.5E-10	1.6E-18	1.4E-16
1,2,3,7,8-PeCDF	8.2E-19	9.7E-18	1.9E-16	3.8E-17	1.5E-15	1.6E-11	6.5E-10	2.0E-12	2.2E-10	1.9E-18	1.6E-16

Table H-185 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	3.5E-19	3.0E-17	5.6E-16	1.2E-16	4.4E-15	3.6E-11	1.4E-09	4.5E-12	4.8E-10	5.7E-18	4.8E-16
2,3,4,7,8-PeCDF	1.3E-18	2.3E-17	4.6E-16	9.2E-17	3.6E-15	3.5E-11	1.4E-09	4.4E-12	4.8E-10	4.5E-18	3.9E-16
2,3,7,8-TCDD	2.1E-19	1.7E-18	2.5E-17	6.7E-18	1.9E-16	4.4E-12	1.5E-10	5.6E-13	5.0E-11	2.3E-16	1.5E-14
2,3,7,8-TCDF	6.8E-19	3.1E-18	6.2E-17	1.2E-17	4.9E-16	1.6E-11	6.7E-10	2.0E-12	2.2E-10	6.0E-19	5.2E-17
OCDD	1.0E-21	4.4E-17	8.0E-16	1.7E-16	6.3E-15	4.8E-11	1.9E-09	6.0E-12	6.4E-10	8.4E-18	6.8E-16
OCDF	3.9E-22	1.7E-17	3.0E-16	6.6E-17	2.4E-15	1.8E-11	7.0E-10	2.3E-12	2.3E-10	3.2E-18	2.6E-16
HCN											
Hydrogen cyanide						1.4E-05	5.3E-04	1.7E-06	1.8E-04		
Metals											
Aluminum				8.8E-04						4.3E-05	
Antimony	1.3E-18			3.2E-08		8.9E-07	2.2E-05	1.1E-07	7.4E-06	1.6E-09	
Arsenic	7.0E-17	3.1E-08	4.1E-18	7.3E-08	2.0E-17	5.1E-08	1.8E-06	6.4E-09	6.0E-07	5.9E-09	3.5E-18
Barium	1.6E-13			1.5E-10	5.3E-09	1.1E-05	2.9E-04	1.3E-06	9.7E-05	7.5E-12	5.7E-10
Beryllium	2.8E-18			9.0E-17	3.4E-15	3.7E-09	1.2E-07	4.6E-10	4.1E-08	4.4E-18	3.6E-16
Cadmium	7.2E-16			7.0E-17	2.7E-15	6.5E-08	2.3E-06	8.1E-09	7.6E-07	3.4E-18	2.9E-16
Chromium	1.9E-16			4.6E-12	1.8E-10	5.5E-07	2.0E-05	6.9E-08	6.6E-06	2.2E-13	1.9E-11
Cobalt				2.3E-06	4.8E-10	8.4E-07	1.5E-05	1.1E-07	5.1E-06	1.1E-07	5.2E-11
Copper				1.7E-11	6.3E-10	1.5E-06	5.2E-05	1.9E-07	1.7E-05	8.2E-13	6.8E-11
Iron				1.9E-03						9.6E-05	
Lead	5.9E-19			9.2E-06	3.3E-13	5.1E-07	1.7E-05	6.4E-08	5.6E-06	4.5E-07	3.5E-14
Manganese				6.8E-14	2.6E-12	4.7E-07	1.6E-05	5.8E-08	5.4E-06	3.3E-15	2.8E-13
Mercury (+2)				1.5E-15	4.5E-14	2.0E-09	7.1E-08	2.5E-10	2.4E-08	7.2E-17	4.9E-15
Mercury, elemental				1.5E-07		8.4E-12	3.0E-10	1.1E-12	9.9E-11	2.8E-04	
Methyl Mercury	5.6E-16			8.7E-17	3.4E-15					4.3E-18	3.6E-16

Table H-185 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	2.8E-16			4.8E-05	1.3E-14	3.0E-07	1.0E-05	3.7E-08	3.4E-06	2.3E-06	1.4E-15
Phosphorus				6.4E-16	2.4E-14	2.3E-06	7.4E-05	2.8E-07	2.5E-05	6.2E-12	5.0E-10
Selenium	2.4E-17			3.5E-18	1.3E-16	1.5E-08	5.2E-07	1.9E-09	1.7E-07	1.7E-19	1.4E-17
Silver	1.6E-17			5.6E-14	2.1E-12	9.8E-09	3.2E-07	1.2E-09	1.1E-07	2.7E-15	2.2E-13
Titanium				6.9E-16	2.8E-14	5.2E-09	2.0E-07	6.5E-10	6.5E-08	3.4E-17	3.0E-15
Zinc	3.5E-13			1.6E-14	5.6E-13	1.2E-05	3.4E-04	1.5E-06	1.1E-04	7.7E-16	6.0E-14
NOx											
NOx (Oxides of Nitrogen)						1.3E-04	4.5E-03	1.7E-05	1.5E-03		
PAHs											
1-Methylnaphthalene		2.0E-17	4.2E-16	1.9E-17	7.6E-16	2.8E-06	1.2E-04	3.5E-07	3.9E-05	2.1E-14	1.9E-12
1-Methylphenanthrene				1.2E-14	5.1E-13	3.4E-07	1.4E-05	4.2E-08	4.7E-06	6.1E-16	5.5E-14
2,3,5-Trimethylnaphthalene				5.8E-15	2.5E-13	1.7E-07	7.2E-06	2.1E-08	2.4E-06	2.8E-16	2.7E-14
2,6-Dimethylnaphthalene				1.6E-14	6.7E-13	4.4E-07	1.9E-05	5.5E-08	6.2E-06	7.8E-16	7.2E-14
2-Methylnaphthalene		2.0E-17	4.0E-16	1.8E-17	7.4E-16	2.7E-06	1.1E-04	3.4E-07	3.8E-05	2.1E-14	1.9E-12
Acenaphthylene				5.1E-14	2.2E-12	1.6E-06	6.8E-05	2.0E-07	2.3E-05	2.5E-15	2.3E-13
Acenaphthene	2.9E-16					3.0E-07	1.2E-05	3.7E-08	4.1E-06		
Anthracene	3.7E-15					5.2E-07	2.2E-05	6.5E-08	7.3E-06		
Benzo(a)anthracene	5.3E-13	1.9E-09	3.1E-12	1.7E-09	5.7E-12	2.6E-07	1.1E-05	3.2E-08	3.7E-06	2.6E-08	1.9E-10
Benzo(a)pyrene	2.6E-13	2.2E-09	1.4E-12	2.0E-09	2.5E-12	1.0E-07	4.2E-06	1.3E-08	1.4E-06	9.9E-11	2.7E-13
Benzo(b)fluoranthene	7.1E-14	4.0E-09	7.3E-14	3.6E-09	1.3E-13	1.1E-07	4.5E-06	1.4E-08	1.5E-06	1.8E-10	1.4E-14
Benzo(e)pyrene				2.9E-15	1.1E-13	8.6E-08	3.5E-06	1.1E-08	1.2E-06	1.4E-16	1.2E-14
Benzo(g,h,i)perylene				2.1E-15	8.7E-14	6.6E-08	2.7E-06	8.2E-09	9.1E-07	1.1E-16	9.4E-15
Benzo(k)fluoranthene	5.3E-16	3.0E-09	3.6E-14	2.8E-09	6.5E-14	1.0E-09	1.8E-08	1.2E-10	5.9E-09	1.3E-10	7.0E-15
Biphenyl				2.9E-16	1.2E-14	9.5E-06	4.0E-04	1.2E-06	1.3E-04	1.7E-13	1.5E-11

Table H-185 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	9.0E-14	2.3E-09	3.6E-12	2.1E-09	6.5E-12	4.4E-07	1.8E-05	5.5E-08	6.0E-06	1.0E-10	7.1E-13
Dibenze(a,h)anthracene	1.3E-14	2.3E-14	4.5E-13	2.1E-14	8.2E-13	1.6E-08	6.5E-07	2.0E-09	2.2E-07	1.0E-15	8.9E-14
Fluoranthene	2.4E-14	5.2E-15	1.0E-13	4.7E-15	1.9E-13	6.4E-07	2.7E-05	8.0E-08	8.9E-06	2.3E-16	2.1E-14
Fluorene	5.2E-15					1.6E-06	6.8E-05	2.0E-07	2.3E-05		
Indeno(1,2,3-cd)pyrene	3.2E-14	9.7E-10	1.3E-12	8.8E-10	2.4E-12	5.3E-08	2.2E-06	6.6E-09	7.3E-07	4.3E-11	2.5E-13
Napthalene	2.4E-15					1.3E-05	5.3E-04	1.6E-06	1.8E-04		
Perylene				1.1E-15	5.3E-14	4.0E-08	1.7E-06	4.9E-09	5.8E-07	5.5E-17	5.7E-15
Phenanthrene	2.5E-14					3.0E-06	1.2E-04	3.8E-07	4.1E-05		
Pyrene	1.7E-14	1.4E-14	2.9E-13	1.3E-14	5.3E-13	6.3E-07	2.6E-05	7.8E-08	8.7E-06	3.6E-13	3.3E-11
Particulate											
Particulate Total Suspended Particulate				2.6E-10	1.0E-08	2.0E-03	7.7E-02	2.5E-04	2.6E-02	1.3E-11	1.1E-09
PM<10				3.3E-10	1.4E-08	2.6E-03	1.0E-01	3.3E-04	3.5E-02	1.6E-11	1.5E-09
PM<2.5				2.7E-10	1.1E-08	2.3E-03	9.0E-02	2.8E-04	3.0E-02	1.3E-11	1.2E-09
PCBs											
Dichlorobiphenyl	5.2E-16	3.0E-17	6.0E-16	2.6E-17	1.0E-15	8.0E-09	3.3E-07	9.9E-10	1.1E-07	2.4E-15	2.1E-13
Heptachlorobiphenyl	2.0E-17	3.5E-18	6.7E-17	2.9E-18	1.1E-16	1.1E-10	4.4E-09	1.4E-11	1.5E-09	1.5E-16	1.3E-14
Hexachlorobiphenyl	7.9E-17	1.6E-17	2.8E-16	1.3E-17	4.8E-16	4.6E-10	1.8E-08	5.7E-11	5.9E-09	6.7E-16	5.3E-14
Monochlorobiphenyl	3.6E-15	2.1E-16	4.2E-15	1.8E-16	7.1E-15	5.5E-08	2.3E-06	6.9E-09	7.6E-07	1.7E-14	1.5E-12
Nonachlorobiphenyl	2.4E-18	6.1E-19	9.5E-18	5.2E-19	1.6E-17	1.5E-11	5.5E-10	1.9E-12	1.8E-10	2.6E-17	1.8E-15
Octachlorobiphenyl	5.8E-18	1.1E-18	2.0E-17	9.5E-19	3.5E-17	3.3E-11	1.3E-09	4.2E-12	4.3E-10	4.8E-17	3.9E-15
Pentachlorobiphenyl	2.6E-16	5.6E-17	9.6E-16	4.8E-17	1.6E-15	1.6E-09	5.9E-08	2.0E-10	2.0E-08	2.4E-15	1.8E-13
Tetrachlorobiphenyl	1.5E-16	1.2E-17	2.0E-16	9.8E-18	3.3E-16	2.6E-09	9.7E-08	3.2E-10	3.2E-08	9.1E-16	6.8E-14
Trichlorobiphenyl	2.0E-16	1.4E-17	2.5E-16	1.2E-17	4.2E-16	3.3E-09	1.3E-07	4.1E-10	4.2E-08	1.1E-15	8.6E-14
Pesticides											

Table H-185 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chlordecone (Kepone)		1.1E-07		1.3E-07						6.3E-09	
DDE				1.8E-08						5.6E-07	
SVOCs											
1,2,4-trichlorobenzene						2.3E-08	7.4E-07	2.9E-09	2.5E-07		
1,2-dichlorobenzene	2.4E-19					9.3E-09	1.7E-07	1.2E-09	5.5E-08		
1,3-Butadiene						1.9E-03					
1,3-dichlorobenzene	5.9E-19					1.4E-08	4.7E-07	1.7E-09	1.6E-07		
1,4-dichlorobenzene	7.9E-18					1.3E-07	5.8E-06	1.6E-08	1.9E-06		
2,4-Dimethylphenol	2.2E-16					2.0E-06	8.1E-05	2.5E-07	2.7E-05		
2-Chlorophenol	1.1E-17					4.1E-07	1.8E-05	5.1E-08	5.9E-06		
2-Methylphenol	4.5E-15					4.8E-06	2.0E-04	6.0E-07	6.7E-05		
2-Nitrophenol	2.7E-17					6.5E-07	2.7E-05	8.1E-08	8.9E-06		
3-Methylphenol & 4-Methylphenol				3.2E-13	1.3E-11	8.6E-06	3.6E-04	1.1E-06	1.2E-04	1.5E-14	1.4E-12
4-Nitrophenol	5.6E-17					1.1E-06	4.1E-05	1.3E-07	1.4E-05		
Acetophenone	3.4E-16					1.0E-05	4.2E-04	1.3E-06	1.4E-04		
Benzoic acid	1.4E-15					4.6E-05	1.9E-03	5.8E-06	6.4E-04		
Benzyl alcohol	8.4E-19					3.9E-07	1.2E-05	4.8E-08	3.9E-06		
bis(2-Ethylhexyl) phthalate	4.2E-14	5.7E-13	1.0E-11	6.8E-13	2.4E-11	1.6E-05	6.3E-04	2.0E-06	2.1E-04	3.3E-14	2.6E-12
Butyl benzyl phthalate	1.5E-14	2.8E-16	5.7E-15	3.3E-16	1.3E-14	5.1E-07	2.1E-05	6.4E-08	7.1E-06	1.6E-17	1.5E-15
Carbazole				1.2E-15	2.2E-14	1.4E-08	2.6E-07	1.8E-09	8.6E-08	5.9E-17	2.4E-15
Dibenzofuran		1.2E-17	2.5E-16	4.8E-17	1.9E-15	8.2E-07	3.4E-05	1.0E-07	1.1E-05	2.1E-14	1.8E-12
Dimethyl phthalate	5.5E-18					2.9E-08	5.1E-07	3.6E-09	1.7E-07		
Di-n-butyl phthalate	1.4E-13	2.8E-16	5.7E-15	3.3E-16	1.4E-14	7.9E-07	3.3E-05	9.8E-08	1.1E-05	1.6E-17	1.5E-15
Di-n-octyl phthalate	1.1E-18	8.0E-16	7.4E-15	9.5E-16	1.8E-14	5.5E-08	9.8E-07	6.9E-09	3.3E-07	4.7E-17	1.9E-15

Table H-185 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	5.8E-16					3.8E-06	6.8E-05	4.8E-07	2.3E-05		
Isopropanol						2.9E-02					
Phenol	1.3E-14					2.6E-05	1.1E-03	3.2E-06	3.6E-04		
Pyridine	6.6E-16					2.4E-06	1.0E-04	3.1E-07	3.4E-05		
TRS											
Total Reduced Sulfur						2.5E-05	1.1E-03	3.1E-06	3.6E-04		
VOCs											
1,1,1,2-Tetrachloroethane	2.3E-19					1.2E-08	3.9E-07	1.4E-09	1.3E-07		
1,1,1-Trichloroethane	1.5E-20					1.1E-08	4.3E-07	1.4E-09	1.4E-07		
1,1-Dichloroethene	5.1E-22					2.2E-09	4.0E-08	2.8E-10	1.3E-08		
1,2,3-Trichlorobenzene	1.6E-17					4.6E-08	1.7E-06	5.7E-09	5.7E-07		
1,2,3-Trichloropropane	9.3E-20					9.3E-09	1.7E-07	1.2E-09	5.5E-08		
1,2,4-Trimethylbenzene						5.3E-07	1.7E-05	6.7E-08	5.6E-06		
1,2-Dibromoethane	3.2E-20					5.9E-09	1.1E-07	7.4E-10	3.5E-08		
1,2-Dichloroethane	1.0E-18					2.4E-07	9.0E-06	8.6E-05	3.0E-06		
1,3,5-Trimethylbenzene	5.2E-18					5.0E-07	1.5E-05	6.3E-08	5.0E-06		
1,3-Dichloropropane						5.7E-09	1.0E-07	7.2E-10	3.4E-08		
2-Butanone	2.1E-16					2.8E-06	1.1E-04	3.5E-07	3.7E-05		
2-Chlorotoluene						1.3E-07	5.2E-06	1.6E-08	1.7E-06		
2-Hexanone						5.8E-07	2.1E-05	7.2E-08	7.0E-06		
Benzene	1.7E-16					7.2E-03	2.9E-03	8.3E-04	9.7E-04		
Bromobenzene						3.2E-06	5.7E-05	4.0E-07	1.9E-05		
Bromochloromethane						7.6E-09	1.3E-07	9.4E-10	4.5E-08		
Bromodichloromethane	2.7E-20					8.2E-09	1.5E-07	1.0E-09	4.9E-08		

Table H-185 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromomethane	1.1E-19					3.3E-07	9.8E-06	4.1E-08	3.3E-06		
Carbon disulfide	1.1E-19					2.9E-07	8.4E-06	3.6E-08	2.8E-06		
Carbon tetrachloride	1.2E-20					1.3E-02	3.3E-07	1.3E-03	1.1E-07		
Chlorobenzene	4.0E-18					4.1E-07	1.5E-05	5.2E-08	4.9E-06		
Chlorodibromomethane	1.6E-18					2.0E-07	3.6E-06	2.5E-08	1.2E-06		
Chloroethane	3.2E-19					7.8E-07	2.7E-05	9.8E-08	9.1E-06		
Chloroform	2.4E-19					1.9E-03	3.3E-06	2.1E-04	1.1E-06		
Chloromethane	8.4E-19					2.7E-06	8.0E-05	3.3E-07	2.7E-05		
cis-1,2-Dichloroethene	3.3E-19					3.4E-07	6.1E-06	4.3E-08	2.0E-06		
cis-1,3-Dichloropropene						2.1E-09	3.7E-08	2.6E-10	1.2E-08		
Dibromomethane	3.6E-20					1.7E-08	3.1E-07	2.2E-09	1.0E-07		
Dichlorodifluoromethane	4.0E-22					2.1E-08	3.8E-07	2.7E-09	1.3E-07		
Ethylbenzene	1.3E-16					2.3E-03	6.3E-04	2.1E-06	2.1E-04		
Isopropylbenzene	1.7E-19					1.4E-06	4.6E-05	1.7E-07	1.5E-05		
m&p-Xylene	2.0E-17					3.1E-06	1.1E-04	3.9E-07	3.5E-05		
Methyl Isobutyl Ketone (4-methyl-2-per	2.1E-19					3.1E-08	5.4E-07	3.8E-09	1.8E-07		
Methylene chloride	2.2E-18					1.5E-06	5.7E-05	1.9E-07	1.9E-05		
n-Butylbenzene						6.7E-07	2.0E-05	8.3E-08	6.6E-06		
n-Propylbenzene						8.0E-07	2.6E-05	1.0E-07	8.8E-06		
o-Xylene	2.4E-17					2.0E-06	6.5E-05	2.5E-07	2.2E-05		
p-Chlorotoluene						4.8E-08	1.4E-06	5.9E-09	4.8E-07		
p-Isopropyltoluene						3.3E-07	7.9E-06	4.1E-08	2.6E-06		
sec-Butylbenzene						1.2E-07	3.7E-06	1.5E-08	1.2E-06		
Styrene	8.0E-16					4.4E-05	1.6E-03	5.5E-06	5.3E-04		

Table H-185 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						3.9E-06	7.0E-05	4.9E-07	2.3E-05		
Tetrachloroethene	5.7E-20					1.0E-08	3.6E-07	1.3E-09	1.2E-07		
Toluene	1.3E-16					2.7E-05	1.1E-03	3.4E-06	3.5E-04		
trans-1,2-Dichloroethene	5.0E-18					7.2E-06	1.3E-04	9.1E-07	4.3E-05		
trans-1,3-Dichloropropene						3.6E-09	6.5E-08	4.5E-10	2.2E-08		
Trichloroethene	5.8E-22					6.2E-10	1.1E-08	7.8E-11	3.7E-09		
Trichlorofluoromethane	9.0E-22					7.5E-09	1.3E-07	9.4E-10	4.4E-08		
Vinyl chloride	4.1E-20					4.2E-07	1.0E-05	5.3E-08	3.4E-06		

Table H-186 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	3.0E-05	1.0E-07	9.9E-06			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	5.2E-05	1.8E-07	1.7E-05			
Formaldehyde	4.5E-13					3.2E-03	2.0E-05	7.7E-08	6.8E-06			
Propionaldehyde				2.2E-15	7.2E-14	1.6E-07	5.8E-06	2.0E-08	1.9E-06	1.7E-14	1.2E-12	
CO												
Carbon monoxide						4.5E-05	1.7E-03	5.6E-06	5.6E-04			
CO2												
Carbon dioxide						1.4E-06	5.0E-05	1.8E-07	1.7E-05			
Criteria												
Sulfur Dioxide						3.8E-07	1.2E-05	4.7E-08	4.1E-06			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.3E-18	1.4E-15	2.6E-14	5.5E-15	2.1E-13	8.5E-13	3.4E-11	1.1E-13	1.1E-11	2.7E-19	2.2E-17	
1,2,3,4,6,7,8-HpCDF	1.3E-18	1.4E-15	2.6E-14	5.5E-15	2.1E-13	8.6E-13	3.4E-11	1.1E-13	1.1E-11	2.7E-19	2.2E-17	
1,2,3,4,7,8,9-HpCDF	1.9E-19	1.6E-16	3.1E-15	6.4E-16	2.5E-14	1.1E-13	4.4E-12	1.4E-14	1.5E-12	3.1E-20	2.7E-18	
1,2,3,4,7,8-HxCDD	1.5E-18	1.6E-16	3.0E-15	6.2E-16	2.4E-14	1.0E-13	4.1E-12	1.3E-14	1.4E-12	3.1E-20	2.6E-18	
1,2,3,4,7,8-HxCDF	1.0E-17	1.3E-15	2.4E-14	4.9E-15	1.9E-13	8.3E-13	3.3E-11	1.0E-13	1.1E-11	2.4E-19	2.1E-17	
1,2,3,6,7,8-HxCDD	2.8E-18	3.2E-16	6.2E-15	1.3E-15	4.9E-14	2.1E-13	8.7E-12	2.7E-14	2.9E-12	6.2E-20	5.3E-18	
1,2,3,6,7,8-HxCDF	3.8E-18	4.1E-16	8.0E-15	1.6E-15	6.3E-14	2.7E-13	1.1E-11	3.4E-14	3.6E-12	7.9E-20	6.8E-18	
1,2,3,7,8,9-HxCDD	4.1E-18	5.1E-16	9.8E-15	2.0E-15	7.7E-14	3.2E-13	1.3E-11	4.1E-14	4.4E-12	9.8E-20	8.3E-18	
1,2,3,7,8,9-HxCDF	3.0E-19	2.9E-17	5.8E-16	1.2E-16	4.5E-15	2.1E-14	8.4E-13	2.6E-15	2.8E-13	5.7E-21	4.9E-19	
1,2,3,7,8-PeCDD	7.6E-18	1.8E-16	3.5E-15	7.0E-16	2.8E-14	1.3E-13	5.3E-12	1.6E-14	1.8E-12	3.5E-20	3.0E-18	
1,2,3,7,8-PeCDF	1.1E-17	2.1E-16	4.1E-15	8.3E-16	3.3E-14	1.8E-13	7.5E-12	2.3E-14	2.5E-12	4.0E-20	3.5E-18	

Table H-186 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	5.4E-18	6.4E-16	1.2E-14	2.5E-15	9.5E-14	4.2E-13	1.7E-11	5.2E-14	5.6E-12	1.2E-19	1.0E-17
2,3,4,7,8-PeCDF	1.7E-17	5.0E-16	9.9E-15	2.0E-15	7.8E-14	4.1E-13	1.7E-11	5.2E-14	5.6E-12	9.7E-20	8.4E-18
2,3,7,8-TCDD	2.5E-18	3.6E-17	5.2E-16	1.4E-16	4.1E-15	5.2E-14	1.7E-12	6.5E-15	5.8E-13	4.9E-18	3.1E-16
2,3,7,8-TCDF	8.0E-18	6.6E-17	1.3E-15	2.6E-16	1.0E-14	1.9E-13	7.8E-12	2.4E-14	2.6E-12	1.3E-20	1.1E-18
OCDD	1.8E-20	9.4E-16	1.7E-14	3.7E-15	1.4E-13	5.6E-13	2.2E-11	7.0E-14	7.4E-12	1.8E-19	1.5E-17
OCDF	6.7E-21	3.6E-16	6.5E-15	1.4E-15	5.1E-14	2.1E-13	8.2E-12	2.6E-14	2.7E-12	7.0E-20	5.5E-18
HCN											
Hydrogen cyanide						1.6E-07	6.2E-06	2.0E-08	2.1E-06		
Metals											
Aluminum				1.0E-02						5.0E-07	
Antimony	1.6E-17			3.8E-07		1.0E-08	2.6E-07	1.3E-09	8.6E-08	1.8E-11	
Arsenic	8.1E-16	3.6E-07	4.8E-17	8.5E-07	2.3E-16	5.9E-10	2.1E-08	7.4E-11	7.0E-09	6.9E-11	4.1E-20
Barium	2.3E-12			3.1E-09	1.1E-07	1.3E-07	3.4E-06	1.6E-08	1.1E-06	1.5E-13	1.2E-11
Beryllium	3.3E-17			1.0E-15	3.9E-14	4.3E-11	1.5E-09	5.4E-12	4.8E-10	5.1E-20	4.3E-18
Cadmium	8.3E-15			8.2E-16	3.1E-14	7.6E-10	2.6E-08	9.5E-11	8.8E-09	4.0E-20	3.4E-18
Chromium	2.6E-15			8.3E-11	3.2E-09	6.5E-09	2.3E-07	8.1E-10	7.7E-08	4.1E-15	3.5E-13
Cobalt				2.6E-05	1.0E-08	9.8E-09	1.8E-07	1.2E-09	6.0E-08	1.3E-09	1.1E-12
Copper				3.4E-10	1.3E-08	1.8E-08	6.1E-07	2.2E-09	2.0E-07	1.6E-14	1.4E-12
Iron				2.3E-02						1.1E-06	
Lead	6.9E-18			1.1E-04	3.8E-12	6.0E-09	2.0E-07	7.5E-10	6.5E-08	5.2E-09	4.1E-16
Manganese				8.0E-13	3.1E-11	5.5E-09	1.9E-07	6.8E-10	6.3E-08	3.9E-17	3.3E-15
Mercury (+2)				3.4E-14	1.1E-12	2.4E-11	8.3E-10	2.9E-12	2.8E-10	1.7E-18	1.1E-16
Mercury, elemental				1.7E-06		9.8E-14	3.5E-12	1.2E-14	1.2E-12	3.3E-06	
Methyl Mercury	8.7E-15			2.0E-15	7.9E-14					1.0E-19	8.5E-18

Table H-186 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	1.6E-13	3.5E-09	1.2E-07	4.3E-10	4.0E-08	2.7E-08	1.7E-17
Phosphorus				7.5E-15	2.8E-13	2.6E-08	8.6E-07	3.3E-09	2.9E-07	7.2E-14	5.9E-12
Selenium	2.8E-16			4.0E-17	1.6E-15	1.7E-10	6.1E-09	2.2E-11	2.0E-09	2.0E-21	1.7E-19
Silver	2.1E-16			8.4E-13	3.1E-11	1.1E-10	3.7E-09	1.4E-11	1.2E-09	4.1E-17	3.4E-15
Titanium				8.0E-15	3.2E-13	6.1E-11	2.3E-09	7.6E-12	7.6E-10	3.9E-19	3.5E-17
Zinc	4.1E-12			1.8E-13	6.5E-12	1.4E-07	3.9E-06	1.7E-08	1.3E-06	9.0E-18	7.0E-16
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	5.2E-05	2.0E-07	1.7E-05		
PAHs											
1-Methylnaphthalene		2.4E-16	4.9E-15	2.2E-16	8.9E-15	3.3E-08	1.4E-06	4.1E-09	4.6E-07	2.5E-16	2.2E-14
1-Methylphenanthrene				1.5E-13	6.0E-12	3.9E-09	1.7E-07	4.9E-10	5.5E-08	7.1E-18	6.5E-16
2,3,5-Trimethylnaphthalene				6.8E-14	3.0E-12	1.9E-09	8.4E-08	2.4E-10	2.8E-08	3.3E-18	3.2E-16
2,6-Dimethylnaphthalene				1.9E-13	7.9E-12	5.1E-09	2.2E-07	6.4E-10	7.3E-08	9.1E-18	8.5E-16
2-Methylnaphthalene		2.3E-16	4.7E-15	2.1E-16	8.6E-15	3.2E-08	1.3E-06	4.0E-09	4.4E-07	2.4E-16	2.2E-14
Acenaphthylene				6.0E-13	2.5E-11	1.9E-08	8.0E-07	2.4E-09	2.7E-07	2.9E-17	2.7E-15
Acenaphthene	3.4E-15					3.5E-09	1.4E-07	4.3E-10	4.8E-08		
Anthracene	4.3E-14					6.1E-09	2.6E-07	7.6E-10	8.6E-08		
Benzo(a)anthracene	6.2E-12	2.2E-08	4.4E-11	2.0E-08	8.0E-11	3.0E-09	1.3E-07	3.7E-10	4.3E-08	3.0E-10	2.7E-12
Benzo(a)pyrene	3.1E-12	2.6E-08	1.8E-11	2.4E-08	3.3E-11	1.2E-09	4.9E-08	1.5E-10	1.6E-08	1.2E-12	3.6E-15
Benzo(b)fluoranthene	8.3E-13	4.7E-08	1.0E-12	4.2E-08	1.8E-12	1.3E-09	5.3E-08	1.6E-10	1.8E-08	2.1E-12	2.0E-16
Benzo(e)pyrene				3.4E-14	1.3E-12	1.0E-09	4.1E-08	1.3E-10	1.4E-08	1.7E-18	1.4E-16
Benzo(g,h,i)perylene				2.5E-14	1.0E-12	7.7E-10	3.2E-08	9.6E-11	1.1E-08	1.2E-18	1.1E-16
Benzo(k)fluoranthene	7.4E-15	3.5E-08	6.4E-13	3.2E-08	1.2E-12	1.2E-11	2.1E-10	1.5E-12	6.9E-11	1.6E-12	1.3E-16
Biphenyl				3.3E-15	1.4E-13	1.1E-07	4.7E-06	1.4E-08	1.6E-06	2.0E-15	1.8E-13

Table H-186 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	1.1E-12	2.7E-08	5.5E-11	2.5E-08	9.9E-11	5.1E-09	2.1E-07	6.4E-10	7.1E-08	1.2E-12	1.1E-14
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	6.7E-12	3.1E-13	1.2E-11	1.9E-10	7.6E-09	2.3E-11	2.5E-09	1.5E-17	1.3E-15
Fluoranthene	2.8E-13	6.7E-14	1.4E-12	6.1E-14	2.5E-12	7.5E-09	3.1E-07	9.4E-10	1.0E-07	3.0E-18	2.7E-16
Fluorene	6.1E-14					1.9E-08	7.9E-07	2.3E-09	2.6E-07		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.1E-08	1.8E-11	1.0E-08	3.3E-11	6.2E-10	2.5E-08	7.7E-11	8.5E-09	5.0E-13	3.6E-15
Napthalene	2.8E-14					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Perylene				1.3E-14	6.2E-13	4.6E-10	2.0E-08	5.8E-11	6.8E-09	6.5E-19	6.6E-17
Phenanthrene	2.9E-13					3.5E-08	1.5E-06	4.4E-09	4.8E-07		
Pyrene	2.0E-13	2.5E-13	5.1E-12	2.3E-13	9.3E-12	7.3E-09	3.0E-07	9.1E-10	1.0E-07	6.4E-15	5.8E-13
Particulate											
Particulate Total Suspended Particulate				3.0E-09	1.2E-07	2.3E-05	9.0E-04	2.9E-06	3.0E-04	1.5E-13	1.3E-11
PM<10				3.8E-09	1.6E-07	3.1E-05	1.2E-03	3.9E-06	4.0E-04	1.9E-13	1.7E-11
PM<2.5				3.2E-09	1.3E-07	2.6E-05	1.0E-03	3.3E-06	3.5E-04	1.6E-13	1.4E-11
PCBs											
Dichlorobiphenyl	6.1E-15	6.5E-16	1.3E-14	5.5E-16	2.2E-14	9.3E-11	3.8E-09	1.2E-11	1.3E-09	5.1E-17	4.5E-15
Heptachlorobiphenyl	2.3E-16	7.5E-17	1.4E-15	6.3E-17	2.4E-15	1.3E-12	5.1E-11	1.6E-13	1.7E-11	3.2E-18	2.7E-16
Hexachlorobiphenyl	9.3E-16	3.4E-16	6.1E-15	2.9E-16	1.0E-14	5.3E-12	2.1E-10	6.7E-13	6.9E-11	1.5E-17	1.1E-15
Monochlorobiphenyl	4.3E-14	4.5E-15	9.0E-14	3.8E-15	1.5E-13	6.5E-10	2.7E-08	8.1E-11	8.9E-09	3.5E-16	3.1E-14
Nonachlorobiphenyl	2.9E-17	1.3E-17	2.1E-16	1.1E-17	3.5E-16	1.8E-13	6.4E-12	2.2E-14	2.1E-12	5.7E-19	3.9E-17
Octachlorobiphenyl	6.8E-17	2.4E-17	4.4E-16	2.0E-17	7.5E-16	3.9E-13	1.5E-11	4.9E-14	5.1E-12	1.0E-18	8.4E-17
Pentachlorobiphenyl	3.1E-15	1.2E-15	2.1E-14	1.0E-15	3.5E-14	1.8E-11	6.9E-10	2.3E-12	2.3E-10	5.2E-17	3.9E-15
Tetrachlorobiphenyl	1.8E-15	2.5E-16	4.2E-15	2.1E-16	7.1E-15	3.0E-11	1.1E-09	3.8E-12	3.8E-10	2.0E-17	1.5E-15
Trichlorobiphenyl	2.4E-15	3.0E-16	5.3E-15	2.5E-16	9.0E-15	3.8E-11	1.5E-09	4.8E-12	4.9E-10	2.3E-17	1.8E-15
Pesticides											

Table H-186 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chlordecone (Kepone)		1.3E-06		1.5E-06						7.3E-11	
DDE				2.1E-07						6.5E-09	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	8.7E-09	3.4E-11	2.9E-09		
1,2-dichlorobenzene	2.8E-18					1.1E-10	1.9E-09	1.4E-11	6.5E-10		
1,3-Butadiene						2.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	5.5E-09	2.0E-11	1.8E-09		
1,4-dichlorobenzene	9.2E-17					1.5E-09	6.8E-08	1.9E-10	2.3E-08		
2,4-Dimethylphenol	2.5E-15					2.4E-08	9.5E-07	3.0E-09	3.2E-07		
2-Chlorophenol	1.3E-16					4.7E-09	2.1E-07	5.9E-10	6.9E-08		
2-Methylphenol	5.3E-14					5.6E-08	2.3E-06	7.0E-09	7.8E-07		
2-Nitrophenol	3.2E-16					7.6E-09	3.1E-07	9.4E-10	1.0E-07		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.5E-10	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.8E-16	1.7E-14
4-Nitrophenol	6.5E-16					1.3E-08	4.8E-07	1.6E-09	1.6E-07		
Acetophenone	3.9E-15					1.2E-07	4.9E-06	1.5E-08	1.6E-06		
Benzoic acid	1.6E-14					5.4E-07	2.2E-05	6.7E-08	7.5E-06		
Benzyl alcohol	9.8E-18					4.5E-09	1.4E-07	5.6E-10	4.5E-08		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	1.2E-10	8.0E-12	2.9E-10	1.9E-07	7.4E-06	2.4E-08	2.5E-06	3.9E-16	3.1E-14
Butyl benzyl phthalate	1.8E-13	3.3E-15	6.6E-14	3.8E-15	1.6E-13	6.0E-09	2.5E-07	7.5E-10	8.3E-08	1.9E-19	1.7E-17
Carbazole				1.4E-14	2.6E-13	1.7E-10	3.0E-09	2.1E-11	1.0E-09	6.9E-19	2.8E-17
Dibenzofuran		1.4E-16	2.9E-15	5.7E-16	2.3E-14	9.5E-09	3.9E-07	1.2E-09	1.3E-07	2.4E-16	2.1E-14
Dimethyl phthalate	6.5E-17					3.3E-10	5.9E-09	4.2E-11	2.0E-09		
Di-n-butyl phthalate	1.7E-12	3.3E-15	6.7E-14	3.9E-15	1.6E-13	9.2E-09	3.8E-07	1.1E-09	1.3E-07	1.9E-19	1.7E-17
Di-n-octyl phthalate	1.3E-17	9.4E-15	8.7E-14	1.1E-14	2.1E-13	6.4E-10	1.1E-08	8.0E-11	3.8E-09	5.5E-19	2.2E-17

Table H-186 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	7.9E-07	5.5E-09	2.6E-07		
Isopropanol						3.4E-04					
Phenol	1.5E-13					3.0E-07	1.2E-05	3.8E-08	4.2E-06		
Pyridine	7.7E-15					2.9E-08	1.2E-06	3.6E-09	4.0E-07		
TRS											
Total Reduced Sulfur						2.9E-07	1.3E-05	3.6E-08	4.2E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	4.6E-09	1.7E-11	1.5E-09		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	5.0E-09	1.7E-11	1.7E-09		
1,1-Dichloroethene	6.0E-21					2.6E-11	4.6E-10	3.2E-12	1.5E-10		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	2.0E-08	6.7E-11	6.6E-09		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	1.9E-09	1.4E-11	6.4E-10		
1,2,4-Trimethylbenzene						6.2E-09	2.0E-07	7.8E-10	6.6E-08		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.2E-09	8.6E-12	4.1E-10		
1,2-Dichloroethane	1.2E-17					2.8E-09	1.0E-07	1.0E-06	3.5E-08		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.7E-07	7.3E-10	5.8E-08		
1,3-Dichloropropane						6.7E-11	1.2E-09	8.4E-12	4.0E-10		
2-Butanone	2.4E-15					3.3E-08	1.3E-06	4.1E-09	4.4E-07		
2-Chlorotoluene						1.5E-09	6.1E-08	1.8E-10	2.0E-08		
2-Hexanone						6.8E-09	2.5E-07	8.4E-10	8.2E-08		
Benzene	2.0E-15					8.4E-05	3.4E-05	9.7E-06	1.1E-05		
Bromobenzene						3.7E-08	6.6E-07	4.7E-09	2.2E-07		
Bromochloromethane						8.8E-11	1.6E-09	1.1E-11	5.2E-10		
Bromodichloromethane	3.1E-19					9.5E-11	1.7E-09	1.2E-11	5.7E-10		

Table H-186 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	1.1E-07	4.8E-10	3.8E-08		
Carbon disulfide	1.3E-18					3.3E-09	9.8E-08	4.2E-10	3.3E-08		
Carbon tetrachloride	1.3E-19					1.5E-04	3.9E-09	1.5E-05	1.3E-09		
Chlorobenzene	4.7E-17					4.8E-09	1.7E-07	6.0E-10	5.7E-08		
Chlorodibromomethane	1.8E-17					2.4E-09	4.2E-08	3.0E-10	1.4E-08		
Chloroethane	3.7E-18					9.1E-09	3.2E-07	1.1E-09	1.1E-07		
Chloroform	2.8E-18					2.2E-05	3.8E-08	2.4E-06	1.3E-08		
Chloromethane	9.8E-18					3.1E-08	9.4E-07	3.9E-09	3.1E-07		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	7.1E-08	5.0E-10	2.4E-08		
cis-1,3-Dichloropropene						2.4E-11	4.3E-10	3.0E-12	1.4E-10		
Dibromomethane	4.2E-19					2.0E-10	3.6E-09	2.5E-11	1.2E-09		
Dichlorodifluoromethane	4.7E-21					2.5E-10	4.4E-09	3.1E-11	1.5E-09		
Ethylbenzene	1.5E-15					2.7E-05	7.4E-06	2.4E-08	2.5E-06		
Isopropylbenzene	2.0E-18					1.6E-08	5.4E-07	2.0E-09	1.8E-07		
m&p-Xylene	2.4E-16					3.6E-08	1.2E-06	4.6E-09	4.1E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	6.4E-09	4.5E-11	2.1E-09		
Methylene chloride	2.6E-17					1.8E-08	6.6E-07	2.3E-09	2.2E-07		
n-Butylbenzene						7.8E-09	2.3E-07	9.7E-10	7.7E-08		
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07		
o-Xylene	2.8E-16					2.3E-08	7.6E-07	2.9E-09	2.5E-07		
p-Chlorotoluene						5.5E-10	1.7E-08	6.9E-11	5.6E-09		
p-Isopropyltoluene						3.8E-09	9.2E-08	4.8E-10	3.1E-08		
sec-Butylbenzene						1.4E-09	4.3E-08	1.8E-10	1.4E-08		
Styrene	9.4E-15					5.1E-07	1.9E-05	6.4E-08	6.2E-06		

Table H-186 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Derma Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)
tert-Butylbenzene						4.6E-08	8.1E-07	5.7E-09	2.7E-07			
Tetrachloroethene	6.6E-19					1.2E-10	4.2E-09	1.5E-11	1.4E-09			
Toluene	1.6E-15					3.2E-07	1.2E-05	3.9E-08	4.1E-06			
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	1.5E-06	1.1E-08	5.0E-07			
trans-1,3-Dichloropropene						4.2E-11	7.5E-10	5.3E-12	2.5E-10			
Trichloroethene	6.8E-21					7.3E-12	1.3E-10	9.1E-13	4.3E-11			
Trichlorofluoromethane	1.0E-20					8.7E-11	1.6E-09	1.1E-11	5.2E-10			
Vinyl chloride	4.8E-19					5.0E-09	1.2E-07	6.2E-10	4.0E-08			

Table H-187 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			2.3E-03	2.9E-04	
Aldehydes					
Acetaldehyde			4.1E-03	5.1E-04	
Formaldehyde			1.5E-03	1.9E-04	
Propionaldehyde		4.5E-15	4.5E-04	5.6E-05	3.3E-11
CO					
Carbon monoxide			1.3E-01	1.7E-02	
CO2					
Carbon dioxide			3.9E-03	4.9E-04	
Criteria					
Sulfur Dioxide			9.1E-04	1.1E-04	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	1.9E-15	7.5E-15	2.8E-09	3.5E-10	3.7E-16
1,2,3,4,6,7,8-HpCDF	1.9E-15	7.5E-15	2.8E-09	3.5E-10	3.7E-16
1,2,3,4,7,8,9-HpCDF	2.3E-16	9.2E-16	3.6E-10	4.6E-11	4.5E-17
1,2,3,4,7,8-HxCDD	2.3E-16	8.9E-16	3.4E-10	4.2E-11	4.4E-17
1,2,3,4,7,8-HxCDF	1.8E-15	7.0E-15	2.8E-09	3.4E-10	3.5E-16
1,2,3,6,7,8-HxCDD	4.6E-16	1.8E-15	7.2E-10	8.9E-11	8.9E-17
1,2,3,6,7,8-HxCDF	5.9E-16	2.3E-15	9.0E-10	1.1E-10	1.1E-16
1,2,3,7,8,9-HxCDD	7.3E-16	2.9E-15	1.1E-09	1.4E-10	1.4E-16
1,2,3,7,8,9-HxCDF	4.3E-17	1.7E-16	6.9E-11	8.7E-12	8.3E-18

Table H-187 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	2.6E-16	1.0E-15	4.4E-10	5.4E-11	5.0E-17
1,2,3,7,8-PeCDF	3.1E-16	1.2E-15	6.2E-10	7.8E-11	6.0E-17
2,3,4,6,7,8-HxCDF	8.9E-16	3.5E-15	1.4E-09	1.7E-10	1.7E-16
2,3,4,7,8-PeCDF	7.4E-16	2.9E-15	1.4E-09	1.7E-10	1.4E-16
2,3,7,8-TCDD	3.4E-17	1.3E-16	1.3E-10	1.6E-11	4.5E-15
2,3,7,8-TCDF	1.0E-16	3.9E-16	6.5E-10	8.1E-11	1.9E-17
OCDD	1.3E-15	4.9E-15	1.8E-09	2.3E-10	2.4E-16
OCDF	4.7E-16	1.8E-15	6.7E-10	8.3E-11	9.0E-17
HCN					
Hydrogen cyanide			5.0E-04	6.3E-05	
Metals					
Antimony			1.6E-05	2.0E-06	
Arsenic	5.1E-18	1.2E-17	1.6E-06	2.0E-07	9.8E-19
Barium		2.6E-09	2.3E-04	2.8E-05	1.3E-10
Beryllium		2.0E-15	1.1E-07	1.4E-08	9.7E-17
Cadmium		1.6E-15	2.1E-06	2.6E-07	7.9E-17
Chromium		1.1E-10	1.8E-05	2.3E-06	5.4E-12
Cobalt		2.0E-10	8.1E-06	1.0E-06	9.6E-12
Copper		3.8E-10	4.7E-05	5.8E-06	1.8E-11
Lead		1.9E-13	1.5E-05	1.8E-06	9.2E-15
Manganese		1.6E-12	1.5E-05	1.8E-06	7.7E-14
Mercury (+2)		3.2E-14	6.5E-08	8.1E-09	1.6E-15

Table H-187 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Mercury, elemental			2.7E-10	3.4E-11	
Methyl Mercury		2.1E-15			1.0E-16
Nickel		8.0E-15	9.2E-06	1.2E-06	3.9E-16
Phosphorus		1.4E-14	6.5E-05	8.1E-06	1.3E-10
Selenium		8.0E-17	4.7E-07	5.9E-08	3.9E-18
Silver		1.2E-12	2.8E-07	3.5E-08	5.8E-14
Titanium		1.8E-14	1.8E-07	2.3E-08	8.7E-16
Zinc		2.9E-13	2.7E-04	3.4E-05	1.4E-14
NOx					
NOx (Oxides of Nitrogen)			4.0E-03	4.9E-04	
PAHs					
1-Methylnaphthalene	6.8E-16	6.2E-16	1.1E-04	1.4E-05	7.1E-13
1-Methylphenanthrene		4.2E-13	1.4E-05	1.7E-06	2.1E-14
2,3,5-Trimethylnaphthalene		2.1E-13	7.0E-06	8.8E-07	1.0E-14
2,6-Dimethylnaphthalene		5.6E-13	1.8E-05	2.3E-06	2.7E-14
2-Methylnaphthalene	6.6E-16	6.0E-16	1.1E-04	1.4E-05	6.9E-13
Acenaphthylene		1.8E-12	6.7E-05	8.4E-06	8.7E-14
Acenaphthene			1.2E-05	1.5E-06	
Anthracene			2.2E-05	2.7E-06	
Benzo(a)anthracene	5.3E-12	4.8E-12	1.1E-05	1.4E-06	7.3E-11
Benzo(a)pyrene	2.2E-12	2.0E-12	4.1E-06	5.1E-07	1.0E-13
Benzo(b)fluoranthene	1.2E-13	1.1E-13	4.4E-06	5.4E-07	5.2E-15

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Exposure Unit	Outside Camp Justice
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Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(e)pyrene		9.2E-14	3.4E-06	4.2E-07	4.5E-15
Benzo(g,h,i)perylene		7.1E-14	2.6E-06	3.3E-07	3.5E-15
Benzo(k)fluoranthene	3.1E-14	2.9E-14	8.6E-09	1.1E-09	1.4E-15
Biphenyl		9.9E-15	3.9E-04	4.9E-05	5.8E-12
Chrysene	5.9E-12	5.3E-12	1.8E-05	2.2E-06	2.6E-13
Dibenze(a,h)anthracene	7.3E-13	6.6E-13	6.3E-07	7.9E-08	3.3E-14
Fluoranthene	1.7E-13	1.6E-13	2.6E-05	3.2E-06	7.6E-15
Fluorene			6.6E-05	8.2E-06	
Indeno(1,2,3-cd)pyrene	2.1E-12	1.9E-12	2.1E-06	2.6E-07	9.4E-14
Napthalene			5.2E-04	6.4E-05	
Perylene		4.5E-14	1.7E-06	2.2E-07	2.2E-15
Phenanthrene			1.2E-04	1.5E-05	
Pyrene	4.8E-13	4.3E-13	2.5E-05	3.2E-06	1.2E-11
Particulate					
Particulate Total Suspended Particulate		6.9E-09	7.3E-02	9.1E-03	3.4E-10
PM<10		9.2E-09	9.8E-02	1.2E-02	4.5E-10
PM<2.5		7.9E-09	8.6E-02	1.1E-02	3.9E-10
PCBs					
Dichlorobiphenyl	9.7E-16	8.2E-16	3.1E-07	3.9E-08	7.7E-14
Heptachlorobiphenyl	1.1E-16	9.1E-17	4.2E-09	5.3E-10	4.6E-15
Hexachlorobiphenyl	4.4E-16	3.7E-16	1.7E-08	2.1E-09	1.9E-14
Monochlorobiphenyl	6.8E-15	5.8E-15	2.2E-06	2.8E-07	5.4E-13

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Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Nonachlorobiphenyl	1.4E-17	1.2E-17	5.0E-10	6.2E-11	5.9E-16
Octachlorobiphenyl	3.2E-17	2.7E-17	1.2E-09	1.5E-10	1.4E-15
Pentachlorobiphenyl	1.5E-15	1.2E-15	5.5E-08	6.9E-09	6.3E-14
Tetrachlorobiphenyl	3.0E-16	2.5E-16	9.0E-08	1.1E-08	2.3E-14
Trichlorobiphenyl	3.8E-16	3.2E-16	1.2E-07	1.5E-08	3.0E-14
SVOCs					
1,2,4-trichlorobenzene			6.4E-07	8.0E-08	
1,2-dichlorobenzene			8.3E-08	1.0E-08	
1,3-dichlorobenzene			4.2E-07	5.3E-08	
1,4-dichlorobenzene			5.8E-06	7.3E-07	
2,4-Dimethylphenol			7.8E-05	9.7E-06	
2-Chlorophenol			1.7E-05	2.2E-06	
2-Methylphenol			2.0E-04	2.4E-05	
2-Nitrophenol			2.6E-05	3.2E-06	
3-Methylphenol & 4-Methylphenol		1.1E-11	3.5E-04	4.4E-05	5.3E-13
4-Nitrophenol			3.9E-05	4.9E-06	
Acetophenone			4.0E-04	5.0E-05	
Benzoic acid			1.9E-03	2.3E-04	
Benzyl alcohol			9.8E-06	1.2E-06	
bis(2-Ethylhexyl) phthalate	1.6E-11	1.9E-11	6.0E-04	7.5E-05	9.3E-13
Butyl benzyl phthalate	9.3E-15	1.1E-14	2.1E-05	2.6E-06	5.4E-16
Carbazole		9.7E-15	1.2E-07	1.5E-08	4.8E-16

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Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibenzofuran	4.0E-16	1.6E-15	3.3E-05	4.1E-06	6.7E-13
Dimethyl phthalate			2.5E-07	3.2E-08	
Di-n-butyl phthalate	9.4E-15	1.1E-14	3.2E-05	4.0E-06	5.4E-16
Di-n-octyl phthalate	6.5E-15	7.7E-15	4.9E-07	6.1E-08	3.8E-16
Hexachlorobutadiene			3.4E-05	4.2E-06	
Phenol			1.0E-03	1.3E-04	
Pyridine			9.9E-05	1.2E-05	
TRS					
Total Reduced Sulfur			1.1E-03	1.3E-04	
VOCs					
1,1,1,2-Tetrachloroethane			3.5E-07	4.4E-08	
1,1,1-Trichloroethane			4.0E-07	5.0E-08	
1,1-Dichloroethene			2.0E-08	2.5E-09	
1,2,3-Trichlorobenzene			1.6E-06	2.0E-07	
1,2,3-Trichloropropane			8.2E-08	1.0E-08	
1,2,4-Trimethylbenzene			1.5E-05	1.8E-06	
1,2-Dibromoethane			5.3E-08	6.6E-09	
1,2-Dichloroethane			8.4E-06	1.0E-06	
1,3,5-Trimethylbenzene			1.2E-05	1.5E-06	
1,3-Dichloropropane			5.1E-08	6.4E-09	
2-Butanone			1.1E-04	1.3E-05	
2-Chlorotoluene			5.0E-06	6.3E-07	

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Hexanone			1.9E-05	2.4E-06	
Benzene			2.8E-03	3.5E-04	
Bromobenzene			2.8E-05	3.5E-06	
Bromochloromethane			6.7E-08	8.4E-09	
Bromodichloromethane			7.2E-08	9.1E-09	
Bromomethane			8.2E-06	1.0E-06	
Carbon disulfide			6.9E-06	8.6E-07	
Carbon tetrachloride			1.7E-07	2.1E-08	
Chlorobenzene			1.3E-05	1.7E-06	
Chlorodibromomethane			1.8E-06	2.3E-07	
Chloroethane			2.5E-05	3.1E-06	
Chloroform			1.9E-06	2.3E-07	
Chloromethane			6.7E-05	8.4E-06	
cis-1,2-Dichloroethene			3.0E-06	3.8E-07	
cis-1,3-Dichloropropene			1.9E-08	2.3E-09	
Dibromomethane			1.5E-07	1.9E-08	
Dichlorodifluoromethane			1.9E-07	2.4E-08	
Ethylbenzene			5.9E-04	7.4E-05	
Isopropylbenzene			4.1E-05	5.2E-06	
m&p-Xylene			9.4E-05	1.2E-05	
Methyl Isobutyl Ketone (4-methyl-2-penta			2.7E-07	3.4E-08	
Methylene chloride			5.3E-05	6.6E-06	

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
n-Butylbenzene			1.6E-05	2.1E-06	
n-Propylbenzene			2.3E-05	2.9E-06	
o-Xylene			5.8E-05	7.2E-06	
p-Chlorotoluene			1.2E-06	1.5E-07	
p-Isopropyltoluene			5.6E-06	7.0E-07	
sec-Butylbenzene			3.1E-06	3.9E-07	
Styrene			1.5E-03	1.8E-04	
tert-Butylbenzene			3.5E-05	4.3E-06	
Tetrachloroethene			3.3E-07	4.1E-08	
Toluene			1.0E-03	1.3E-04	
trans-1,2-Dichloroethene			6.4E-05	8.0E-06	
trans-1,3-Dichloropropene			3.2E-08	4.0E-09	
Trichloroethene			5.5E-09	6.9E-10	
Trichlorofluoromethane			6.6E-08	8.3E-09	
Vinyl chloride			7.4E-06	9.3E-07	

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Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			2.7E-05	3.4E-06	
Aldehydes					
Acetaldehyde			4.7E-05	5.9E-06	
Formaldehyde			1.8E-05	2.2E-06	
Propionaldehyde		5.2E-14	5.3E-06	6.6E-07	3.9E-13
CO					
Carbon monoxide			1.6E-03	1.9E-04	
CO2					
Carbon dioxide			4.6E-05	5.7E-06	
Criteria					
Sulfur Dioxide			1.1E-05	1.3E-06	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	4.1E-14	1.6E-13	3.2E-11	4.0E-12	7.9E-18
1,2,3,4,6,7,8-HpCDF	4.1E-14	1.6E-13	3.2E-11	4.0E-12	7.9E-18
1,2,3,4,7,8,9-HpCDF	5.1E-15	2.0E-14	4.3E-12	5.3E-13	9.8E-19
1,2,3,4,7,8-HxCDD	4.9E-15	1.9E-14	3.9E-12	4.9E-13	9.4E-19
1,2,3,4,7,8-HxCDF	3.9E-14	1.5E-13	3.2E-11	4.0E-12	7.5E-18
1,2,3,6,7,8-HxCDD	1.0E-14	3.9E-14	8.3E-12	1.0E-12	1.9E-18
1,2,3,6,7,8-HxCDF	1.3E-14	5.1E-14	1.0E-11	1.3E-12	2.5E-18
1,2,3,7,8,9-HxCDD	1.6E-14	6.2E-14	1.3E-11	1.6E-12	3.0E-18
1,2,3,7,8,9-HxCDF	9.3E-16	3.7E-15	8.1E-13	1.0E-13	1.8E-19

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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	5.6E-15	2.2E-14	5.1E-12	6.3E-13	1.1E-18
1,2,3,7,8-PeCDF	6.7E-15	2.6E-14	7.3E-12	9.1E-13	1.3E-18
2,3,4,6,7,8-HxCDF	1.9E-14	7.5E-14	1.6E-11	2.0E-12	3.7E-18
2,3,4,7,8-PeCDF	1.6E-14	6.3E-14	1.6E-11	2.0E-12	3.1E-18
2,3,7,8-TCDD	7.2E-16	2.8E-15	1.5E-12	1.9E-13	9.7E-17
2,3,7,8-TCDF	2.1E-15	8.5E-15	7.6E-12	9.5E-13	4.1E-19
OCDD	2.7E-14	1.1E-13	2.1E-11	2.6E-12	5.2E-18
OCDF	1.0E-14	4.0E-14	7.8E-12	9.7E-13	1.9E-18
HCN					
Hydrogen cyanide			5.8E-06	7.3E-07	
Metals					
Antimony			1.9E-07	2.4E-08	
Arsenic	5.9E-17	1.4E-16	1.9E-08	2.4E-09	1.1E-20
Barium		5.3E-08	2.7E-06	3.3E-07	2.6E-12
Beryllium		2.3E-14	1.3E-09	1.6E-10	1.1E-18
Cadmium		1.9E-14	2.4E-08	3.0E-09	9.3E-19
Chromium		2.0E-09	2.1E-07	2.7E-08	9.8E-14
Cobalt		4.0E-09	9.5E-08	1.2E-08	2.0E-13
Copper		7.6E-09	5.4E-07	6.8E-08	3.7E-13
Lead		2.2E-12	1.7E-07	2.1E-08	1.1E-16
Manganese		1.8E-11	1.7E-07	2.1E-08	9.0E-16
Mercury (+2)		7.6E-13	7.5E-10	9.4E-11	3.7E-17

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Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Mercury, elemental			3.1E-12	3.9E-13	
Methyl Mercury		4.8E-14			2.3E-18
Nickel		9.3E-14	1.1E-07	1.3E-08	4.5E-18
Phosphorus		1.6E-13	7.5E-07	9.4E-08	1.5E-12
Selenium		9.4E-16	5.5E-09	6.9E-10	4.6E-20
Silver		1.8E-11	3.3E-09	4.1E-10	8.8E-16
Titanium		2.1E-13	2.1E-09	2.7E-10	1.0E-17
Zinc		3.3E-12	3.2E-06	4.0E-07	1.6E-16
NOx					
NOx (Oxides of Nitrogen)			4.6E-05	5.8E-06	
PAHs					
1-Methylnaphthalene	8.0E-15	7.2E-15	1.3E-06	1.7E-07	8.2E-15
1-Methylphenanthrene		5.0E-12	1.6E-07	2.0E-08	2.4E-16
2,3,5-Trimethylnaphthalene		2.5E-12	8.2E-08	1.0E-08	1.2E-16
2,6-Dimethylnaphthalene		6.5E-12	2.1E-07	2.7E-08	3.2E-16
2-Methylnaphthalene	7.7E-15	7.0E-15	1.3E-06	1.6E-07	8.1E-15
Acenaphthylene		2.1E-11	7.8E-07	9.7E-08	1.0E-15
Acenaphthene			1.4E-07	1.8E-08	
Anthracene			2.5E-07	3.1E-08	
Benzo(a)anthracene	7.4E-11	6.7E-11	1.3E-07	1.6E-08	1.0E-12
Benzo(a)pyrene	3.0E-11	2.7E-11	4.8E-08	6.0E-09	1.3E-15
Benzo(b)fluoranthene	1.6E-12	1.5E-12	5.1E-08	6.3E-09	7.1E-17

Table H-188 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(e)pyrene		1.1E-12	3.9E-08	4.9E-09	5.3E-17
Benzo(g,h,i)perylene		8.3E-13	3.1E-08	3.9E-09	4.1E-17
Benzo(k)fluoranthene	5.6E-13	5.1E-13	1.0E-10	1.3E-11	2.5E-17
Biphenyl		1.2E-13	4.6E-06	5.7E-07	6.8E-14
Chrysene	8.9E-11	8.1E-11	2.1E-07	2.6E-08	4.0E-15
Dibenz(a,h)anthracene	1.1E-11	9.9E-12	7.4E-09	9.2E-10	4.9E-16
Fluoranthene	2.2E-12	2.0E-12	3.0E-07	3.8E-08	1.0E-16
Fluorene			7.7E-07	9.6E-08	
Indeno(1,2,3-cd)pyrene	3.0E-11	2.7E-11	2.5E-08	3.1E-09	1.3E-15
Napthalene			6.0E-06	7.5E-07	
Perylene		5.3E-13	2.0E-08	2.5E-09	2.6E-17
Phenanthrene			1.4E-06	1.8E-07	
Pyrene	8.4E-12	7.7E-12	3.0E-07	3.7E-08	2.1E-13
Particulate					
Particulate Total Suspended Particulate		8.1E-08	8.5E-04	1.1E-04	4.0E-12
PM<10		1.1E-07	1.1E-03	1.4E-04	5.3E-12
PM<2.5		9.2E-08	1.0E-03	1.3E-04	4.5E-12
PCBs					
Dichlorobiphenyl	2.1E-14	1.8E-14	3.7E-09	4.6E-10	1.6E-15
Heptachlorobiphenyl	2.3E-15	2.0E-15	4.9E-11	6.2E-12	9.9E-17
Hexachlorobiphenyl	9.4E-15	8.0E-15	2.0E-10	2.5E-11	4.0E-16
Monochlorobiphenyl	1.5E-13	1.2E-13	2.6E-08	3.2E-09	1.1E-14

Table H-188 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Nonachlorobiphenyl	3.0E-16	2.5E-16	5.8E-12	7.2E-13	1.3E-17
Octachlorobiphenyl	6.9E-16	5.8E-16	1.4E-11	1.8E-12	3.0E-17
Pentachlorobiphenyl	3.2E-14	2.7E-14	6.5E-10	8.1E-11	1.4E-15
Tetrachlorobiphenyl	6.3E-15	5.3E-15	1.1E-09	1.3E-10	5.0E-16
Trichlorobiphenyl	8.2E-15	6.9E-15	1.4E-09	1.7E-10	6.5E-16
SVOCs					
1,2,4-trichlorobenzene			7.5E-09	9.4E-10	
1,2-dichlorobenzene			9.7E-10	1.2E-10	
1,3-dichlorobenzene			4.9E-09	6.2E-10	
1,4-dichlorobenzene			6.8E-08	8.5E-09	
2,4-Dimethylphenol			9.1E-07	1.1E-07	
2-Chlorophenol			2.0E-07	2.5E-08	
2-Methylphenol			2.3E-06	2.9E-07	
2-Nitrophenol			3.0E-07	3.8E-08	
3-Methylphenol & 4-Methylphenol		1.3E-10	4.1E-06	5.1E-07	6.2E-15
4-Nitrophenol			4.6E-07	5.7E-08	
Acetophenone			4.7E-06	5.9E-07	
Benzoic acid			2.2E-05	2.7E-06	
Benzyl alcohol			1.1E-07	1.4E-08	
bis(2-Ethylhexyl) phthalate	1.9E-10	2.2E-10	7.0E-06	8.8E-07	1.1E-14
Butyl benzyl phthalate	1.1E-13	1.3E-13	2.4E-07	3.0E-08	6.3E-18
Carbazole		1.1E-13	1.4E-09	1.8E-10	5.6E-18

Table H-188 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibenzofuran	4.6E-15	1.8E-14	3.8E-07	4.8E-08	7.8E-15
Dimethyl phthalate			3.0E-09	3.7E-10	
Di-n-butyl phthalate	1.1E-13	1.3E-13	3.7E-07	4.6E-08	6.4E-18
Di-n-octyl phthalate	7.7E-14	9.0E-14	5.7E-09	7.1E-10	4.4E-18
Hexachlorobutadiene			3.9E-07	4.9E-08	
Phenol			1.2E-05	1.5E-06	
Pyridine			1.2E-06	1.4E-07	
TRS					
Total Reduced Sulfur			1.3E-05	1.6E-06	
VOCs					
1,1,1,2-Tetrachloroethane			4.1E-09	5.1E-10	
1,1,1-Trichloroethane			4.7E-09	5.8E-10	
1,1-Dichloroethene			2.3E-10	2.9E-11	
1,2,3-Trichlorobenzene			1.8E-08	2.3E-09	
1,2,3-Trichloropropane			9.6E-10	1.2E-10	
1,2,4-Trimethylbenzene			1.7E-07	2.1E-08	
1,2-Dibromoethane			6.1E-10	7.7E-11	
1,2-Dichloroethane			9.8E-08	1.2E-08	
1,3,5-Trimethylbenzene			1.4E-07	1.8E-08	
1,3-Dichloropropane			6.0E-10	7.4E-11	
2-Butanone			1.2E-06	1.6E-07	
2-Chlorotoluene			5.9E-08	7.3E-09	

Table H-188 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Hexanone			2.3E-07	2.8E-08	
Benzene			3.2E-05	4.0E-06	
Bromobenzene			3.3E-07	4.1E-08	
Bromochloromethane			7.8E-10	9.8E-11	
Bromodichloromethane			8.5E-10	1.1E-10	
Bromomethane			9.6E-08	1.2E-08	
Carbon disulfide			8.0E-08	1.0E-08	
Carbon tetrachloride			1.9E-09	2.4E-10	
Chlorobenzene			1.6E-07	2.0E-08	
Chlorodibromomethane			2.1E-08	2.6E-09	
Chloroethane			2.9E-07	3.6E-08	
Chloroform			2.2E-08	2.7E-09	
Chloromethane			7.9E-07	9.8E-08	
cis-1,2-Dichloroethene			3.5E-08	4.4E-09	
cis-1,3-Dichloropropene			2.2E-10	2.7E-11	
Dibromomethane			1.8E-09	2.3E-10	
Dichlorodifluoromethane			2.2E-09	2.8E-10	
Ethylbenzene			6.9E-06	8.6E-07	
Isopropylbenzene			4.8E-07	6.0E-08	
m&p-Xylene			1.1E-06	1.4E-07	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.2E-09	4.0E-10	
Methylene chloride			6.1E-07	7.7E-08	

Table H-188 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
n-Butylbenzene			1.9E-07	2.4E-08	
n-Propylbenzene			2.7E-07	3.4E-08	
o-Xylene			6.7E-07	8.4E-08	
p-Chlorotoluene			1.4E-08	1.7E-09	
p-Isopropyltoluene			6.5E-08	8.2E-09	
sec-Butylbenzene			3.6E-08	4.5E-09	
Styrene			1.7E-05	2.1E-06	
tert-Butylbenzene			4.1E-07	5.1E-08	
Tetrachloroethene			3.8E-09	4.8E-10	
Toluene			1.2E-05	1.5E-06	
trans-1,2-Dichloroethene			7.5E-07	9.4E-08	
trans-1,3-Dichloropropene			3.8E-10	4.7E-11	
Trichloroethene			6.4E-11	8.1E-12	
Trichlorofluoromethane			7.8E-10	9.7E-11	
Vinyl chloride			8.6E-08	1.1E-08	

Table H-189 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas						
Hydrogen Chloride				3.5E-03	1.2E-03	
Aldehydes						
Acetaldehyde	7.9E-15			6.1E-03	2.0E-03	
Formaldehyde	3.9E-14			2.4E-03	7.9E-04	
Propionaldehyde			6.2E-15	6.7E-04	2.2E-04	1.4E-10
CO						
Carbon monoxide				1.9E-01	6.5E-02	
CO2						
Carbon dioxide				5.9E-03	2.0E-03	
Criteria						
Sulfur Dioxide				1.4E-03	4.8E-04	
DIOXINS						
1,2,3,4,6,7,8-HpCDD	7.8E-20	1.2E-15	9.5E-15	4.0E-09	1.3E-09	1.4E-15
1,2,3,4,6,7,8-HpCDF	7.6E-20	1.2E-15	9.5E-15	4.0E-09	1.3E-09	1.4E-15
1,2,3,4,7,8,9-HpCDF	1.2E-20	1.5E-16	1.1E-15	5.2E-10	1.7E-10	1.7E-16
1,2,3,4,7,8-HxCDD	9.4E-20	1.4E-16	1.1E-15	4.8E-10	1.6E-10	1.6E-16
1,2,3,4,7,8-HxCDF	6.5E-19	1.1E-15	8.8E-15	3.9E-09	1.3E-09	1.3E-15
1,2,3,6,7,8-HxCDD	1.8E-19	2.9E-16	2.3E-15	1.0E-09	3.4E-10	3.4E-16
1,2,3,6,7,8-HxCDF	2.4E-19	3.7E-16	2.9E-15	1.3E-09	4.3E-10	4.3E-16
1,2,3,7,8,9-HxCDD	2.6E-19	4.5E-16	3.6E-15	1.5E-09	5.1E-10	5.3E-16
1,2,3,7,8,9-HxCDF	2.1E-20	2.7E-17	2.1E-16	9.8E-11	3.3E-11	3.1E-17

Table H-189 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	5.9E-19	1.6E-16	1.3E-15	6.2E-10	2.1E-10	1.9E-16
1,2,3,7,8-PeCDF	8.2E-19	1.9E-16	1.5E-15	8.8E-10	2.9E-10	2.2E-16
2,3,4,6,7,8-HxCDF	3.5E-19	5.6E-16	4.4E-15	1.9E-09	6.5E-10	6.5E-16
2,3,4,7,8-PeCDF	1.3E-18	4.6E-16	3.6E-15	2.0E-09	6.6E-10	5.3E-16
2,3,7,8-TCDD	2.1E-19	2.5E-17	1.9E-16	2.0E-10	6.8E-11	2.0E-14
2,3,7,8-TCDF	6.8E-19	6.2E-17	4.9E-16	9.2E-10	3.1E-10	7.1E-17
OCDD	1.0E-21	8.0E-16	6.3E-15	2.6E-09	8.7E-10	9.3E-16
OCDF	3.9E-22	3.0E-16	2.4E-15	9.6E-10	3.2E-10	3.5E-16
HCN						
Hydrogen cyanide				7.2E-04	2.4E-04	
Metals						
Antimony	1.3E-18			3.0E-05	1.0E-05	
Arsenic	7.0E-17	4.1E-18	2.0E-17	2.5E-06	8.2E-07	4.8E-18
Barium	1.6E-13		5.3E-09	4.0E-04	1.3E-04	7.7E-10
Beryllium	2.8E-18		3.4E-15	1.7E-07	5.7E-08	5.0E-16
Cadmium	7.2E-16		2.7E-15	3.1E-06	1.0E-06	3.9E-16
Chromium	1.9E-16		1.8E-10	2.7E-05	9.0E-06	2.6E-11
Cobalt			4.8E-10	2.1E-05	7.0E-06	7.1E-11
Copper			6.3E-10	7.1E-05	2.4E-05	9.3E-11
Lead	5.9E-19		3.3E-13	2.3E-05	7.6E-06	4.8E-14
Manganese			2.6E-12	2.2E-05	7.4E-06	3.8E-13
Mercury (+2)			4.5E-14	9.7E-08	3.2E-08	6.7E-15

Table H-189 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Mercury, elemental				4.0E-10	1.3E-10	
Methyl Mercury	5.6E-16		3.4E-15			5.0E-16
Nickel	2.8E-16		1.3E-14	1.4E-05	4.7E-06	2.0E-15
Phosphorus			2.4E-14	1.0E-04	3.4E-05	6.9E-10
Selenium	2.4E-17		1.3E-16	7.1E-07	2.4E-07	2.0E-17
Silver	1.6E-17		2.1E-12	4.4E-07	1.5E-07	3.0E-13
Titanium			2.8E-14	2.7E-07	8.9E-08	4.1E-15
Zinc	3.5E-13		5.6E-13	4.6E-04	1.5E-04	8.2E-14
NOx						
NOx (Oxides of Nitrogen)				6.1E-03	2.0E-03	
PAHs						
1-Methylnaphthalene		4.2E-16	7.6E-16	1.6E-04	5.3E-05	2.6E-12
1-Methylphenanthrene			5.1E-13	1.9E-05	6.4E-06	7.6E-14
2,3,5-Trimethylnaphthalene			2.5E-13	9.8E-06	3.3E-06	3.7E-14
2,6-Dimethylnaphthalene			6.7E-13	2.5E-05	8.5E-06	9.9E-14
2-Methylnaphthalene		4.0E-16	7.4E-16	1.6E-04	5.2E-05	2.5E-12
Acenaphthylene			2.2E-12	9.3E-05	3.1E-05	3.2E-13
Acenaphthene	2.9E-16			1.7E-05	5.6E-06	
Anthracene	3.7E-15			3.0E-05	1.0E-05	
Benzo(a)anthracene	5.3E-13	3.1E-12	5.7E-12	1.5E-05	5.0E-06	2.6E-10
Benzo(a)pyrene	2.6E-13	1.4E-12	2.5E-12	5.7E-06	1.9E-06	3.6E-13
Benzo(b)fluoranthene	7.1E-14	7.3E-14	1.3E-13	6.2E-06	2.1E-06	2.0E-14

Table H-189 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(e)pyrene			1.1E-13	4.8E-06	1.6E-06	1.7E-14
Benzo(g,h,i)perylene			8.7E-14	3.7E-06	1.2E-06	1.3E-14
Benzo(k)fluoranthene	5.3E-16	3.6E-14	6.5E-14	2.4E-08	8.1E-09	9.6E-15
Biphenyl			1.2E-14	5.5E-04	1.8E-04	2.1E-11
Chrysene	9.0E-14	3.6E-12	6.5E-12	2.5E-05	8.2E-06	9.6E-13
Dibenze(a,h)anthracene	1.3E-14	4.5E-13	8.2E-13	8.9E-07	3.0E-07	1.2E-13
Fluoranthene	2.4E-14	1.0E-13	1.9E-13	3.6E-05	1.2E-05	2.8E-14
Fluorene	5.2E-15			9.2E-05	3.1E-05	
Indeno(1,2,3-cd)pyrene	3.2E-14	1.3E-12	2.4E-12	3.0E-06	9.9E-07	3.5E-13
Napthalene	2.4E-15			7.2E-04	2.4E-04	
Perylene			5.3E-14	2.4E-06	7.9E-07	7.7E-15
Phenanthrene	2.5E-14			1.7E-04	5.7E-05	
Pyrene	1.7E-14	2.9E-13	5.3E-13	3.6E-05	1.2E-05	4.5E-11
Particulate						
Particulate Total Suspended Particulate			1.0E-08	1.1E-01	3.5E-02	1.5E-09
PM<10			1.4E-08	1.4E-01	4.7E-02	2.0E-09
PM<2.5			1.1E-08	1.2E-01	4.1E-02	1.7E-09
PCBs						
Dichlorobiphenyl	5.2E-16	6.0E-16	1.0E-15	4.4E-07	1.5E-07	2.8E-13
Heptachlorobiphenyl	2.0E-17	6.7E-17	1.1E-16	6.0E-09	2.0E-09	1.7E-14
Hexachlorobiphenyl	7.9E-17	2.8E-16	4.8E-16	2.4E-08	8.1E-09	7.3E-14
Monochlorobiphenyl	3.6E-15	4.2E-15	7.1E-15	3.1E-06	1.0E-06	2.0E-12

Table H-189 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Nonachlorobiphenyl	2.4E-18	9.5E-18	1.6E-17	7.4E-10	2.5E-10	2.5E-15
Octachlorobiphenyl	5.8E-18	2.0E-17	3.5E-17	1.8E-09	5.9E-10	5.3E-15
Pentachlorobiphenyl	2.6E-16	9.6E-16	1.6E-15	8.1E-08	2.7E-08	2.5E-13
Tetrachlorobiphenyl	1.5E-16	2.0E-16	3.3E-16	1.3E-07	4.4E-08	9.3E-14
Trichlorobiphenyl	2.0E-16	2.5E-16	4.2E-16	1.7E-07	5.8E-08	1.2E-13
SVOCs						
1,2,4-trichlorobenzene				1.0E-06	3.4E-07	
1,2-dichlorobenzene	2.4E-19			2.3E-07	7.6E-08	
1,3-dichlorobenzene	5.9E-19			6.5E-07	2.2E-07	
1,4-dichlorobenzene	7.9E-18			7.9E-06	2.6E-06	
2,4-Dimethylphenol	2.2E-16			1.1E-04	3.7E-05	
2-Chlorophenol	1.1E-17			2.4E-05	8.0E-06	
2-Methylphenol	4.5E-15			2.7E-04	9.1E-05	
2-Nitrophenol	2.7E-17			3.6E-05	1.2E-05	
3-Methylphenol & 4-Methylphenol			1.3E-11	4.9E-04	1.6E-04	1.9E-12
4-Nitrophenol	5.6E-17			5.7E-05	1.9E-05	
Acetophenone	3.4E-16			5.7E-04	1.9E-04	
Benzoic acid	1.4E-15			2.6E-03	8.8E-04	
Benzyl alcohol	8.4E-19			1.6E-05	5.3E-06	
bis(2-Ethylhexyl) phthalate	4.2E-14	1.0E-11	2.4E-11	8.7E-04	2.9E-04	3.6E-12
Butyl benzyl phthalate	1.5E-14	5.7E-15	1.3E-14	2.9E-05	9.7E-06	2.0E-15
Carbazole			2.2E-14	3.5E-07	1.2E-07	3.3E-15

Table H-189 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibenzofuran		2.5E-16	1.9E-15	4.6E-05	1.5E-05	2.5E-12
Dimethyl phthalate	5.5E-18			6.9E-07	2.3E-07	
Di-n-butyl phthalate	1.4E-13	5.7E-15	1.4E-14	4.5E-05	1.5E-05	2.0E-15
Di-n-octyl phthalate	1.1E-18	7.4E-15	1.8E-14	1.3E-06	4.5E-07	2.6E-15
Hexachlorobutadiene	5.8E-16			9.2E-05	3.1E-05	
Phenol	1.3E-14			1.5E-03	4.9E-04	
Pyridine	6.6E-16			1.4E-04	4.6E-05	
TRS						
Total Reduced Sulfur				1.5E-03	4.9E-04	
VOCs						
1,1,1,2-Tetrachloroethane	2.3E-19			5.3E-07	1.8E-07	
1,1,1-Trichloroethane	1.5E-20			5.8E-07	1.9E-07	
1,1-Dichloroethene	5.1E-22			5.4E-08	1.8E-08	
1,2,3-Trichlorobenzene	1.6E-17			2.3E-06	7.7E-07	
1,2,3-Trichloropropane	9.3E-20			2.3E-07	7.5E-08	
1,2,4-Trimethylbenzene				2.3E-05	7.7E-06	
1,2-Dibromoethane	3.2E-20			1.4E-07	4.8E-08	
1,2-Dichloroethane	1.0E-18			1.2E-05	4.1E-06	
1,3,5-Trimethylbenzene	5.2E-18			2.0E-05	6.8E-06	
1,3-Dichloropropane				1.4E-07	4.7E-08	
2-Butanone	2.1E-16			1.5E-04	5.1E-05	
2-Chlorotoluene				7.1E-06	2.4E-06	

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Exposure Unit	Outside Camp Justice
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Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Hexanone				2.9E-05	9.6E-06	
Benzene	1.7E-16			4.0E-03	1.3E-03	
Bromobenzene				7.8E-05	2.6E-05	
Bromochloromethane				1.8E-07	6.1E-08	
Bromodichloromethane	2.7E-20			2.0E-07	6.6E-08	
Bromomethane	1.1E-19			1.3E-05	4.5E-06	
Carbon disulfide	1.1E-19			1.1E-05	3.8E-06	
Carbon tetrachloride	1.2E-20			4.5E-07	1.5E-07	
Chlorobenzene	4.0E-18			2.0E-05	6.7E-06	
Chlorodibromomethane	1.6E-18			4.9E-06	1.6E-06	
Chloroethane	3.2E-19			3.7E-05	1.2E-05	
Chloroform	2.4E-19			4.5E-06	1.5E-06	
Chloromethane	8.4E-19			1.1E-04	3.7E-05	
cis-1,2-Dichloroethene	3.3E-19			8.3E-06	2.8E-06	
cis-1,3-Dichloropropene				5.1E-08	1.7E-08	
Dibromomethane	3.6E-20			4.2E-07	1.4E-07	
Dichlorodifluoromethane	4.0E-22			5.2E-07	1.7E-07	
Ethylbenzene	1.3E-16			8.6E-04	2.9E-04	
Isopropylbenzene	1.7E-19			6.3E-05	2.1E-05	
m&p-Xylene	2.0E-17			1.4E-04	4.8E-05	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	2.1E-19			7.4E-07	2.5E-07	
Methylene chloride	2.2E-18			7.8E-05	2.6E-05	

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Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
n-Butylbenzene				2.7E-05	9.0E-06	
n-Propylbenzene				3.6E-05	1.2E-05	
o-Xylene	2.4E-17			8.9E-05	3.0E-05	
p-Chlorotoluene				2.0E-06	6.5E-07	
p-Isopropyltoluene				1.1E-05	3.6E-06	
sec-Butylbenzene				5.1E-06	1.7E-06	
Styrene	8.0E-16			2.2E-03	7.3E-04	
tert-Butylbenzene				9.5E-05	3.2E-05	
Tetrachloroethene	5.7E-20			4.9E-07	1.6E-07	
Toluene	1.3E-16			1.4E-03	4.8E-04	
trans-1,2-Dichloroethene	5.0E-18			1.8E-04	5.9E-05	
trans-1,3-Dichloropropene				8.8E-08	2.9E-08	
Trichloroethene	5.8E-22			1.5E-08	5.0E-09	
Trichlorofluoromethane	9.0E-22			1.8E-07	6.1E-08	
Vinyl chloride	4.1E-20			1.4E-05	4.7E-06	

Table H-190 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas						
Hydrogen Chloride				4.1E-05	1.4E-05	
Aldehydes						
Acetaldehyde	9.2E-14			7.1E-05	2.4E-05	
Formaldehyde	4.5E-13			2.8E-05	9.2E-06	
Propionaldehyde			7.2E-14	7.8E-06	2.6E-06	1.6E-12
CO						
Carbon monoxide				2.3E-03	7.6E-04	
CO2						
Carbon dioxide				6.8E-05	2.3E-05	
Criteria						
Sulfur Dioxide				1.7E-05	5.6E-06	
DIOXINS						
1,2,3,4,6,7,8-HpCDD	1.3E-18	2.6E-14	2.1E-13	4.6E-11	1.5E-11	3.0E-17
1,2,3,4,6,7,8-HpCDF	1.3E-18	2.6E-14	2.1E-13	4.6E-11	1.5E-11	3.0E-17
1,2,3,4,7,8,9-HpCDF	1.9E-19	3.1E-15	2.5E-14	6.0E-12	2.0E-12	3.7E-18
1,2,3,4,7,8-HxCDD	1.5E-18	3.0E-15	2.4E-14	5.6E-12	1.9E-12	3.5E-18
1,2,3,4,7,8-HxCDF	1.0E-17	2.4E-14	1.9E-13	4.6E-11	1.5E-11	2.8E-17
1,2,3,6,7,8-HxCDD	2.8E-18	6.2E-15	4.9E-14	1.2E-11	3.9E-12	7.2E-18
1,2,3,6,7,8-HxCDF	3.8E-18	8.0E-15	6.3E-14	1.5E-11	5.0E-12	9.3E-18
1,2,3,7,8,9-HxCDD	4.1E-18	9.8E-15	7.7E-14	1.8E-11	6.0E-12	1.1E-17
1,2,3,7,8,9-HxCDF	3.0E-19	5.8E-16	4.5E-15	1.1E-12	3.8E-13	6.7E-19

Table H-190 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	7.6E-18	3.5E-15	2.8E-14	7.2E-12	2.4E-12	4.1E-18
1,2,3,7,8-PeCDF	1.1E-17	4.1E-15	3.3E-14	1.0E-11	3.4E-12	4.8E-18
2,3,4,6,7,8-HxCDF	5.4E-18	1.2E-14	9.5E-14	2.3E-11	7.6E-12	1.4E-17
2,3,4,7,8-PeCDF	1.7E-17	9.9E-15	7.8E-14	2.3E-11	7.7E-12	1.1E-17
2,3,7,8-TCDD	2.5E-18	5.2E-16	4.1E-15	2.4E-12	7.9E-13	4.2E-16
2,3,7,8-TCDF	8.0E-18	1.3E-15	1.0E-14	1.1E-11	3.6E-12	1.5E-18
OCDD	1.8E-20	1.7E-14	1.4E-13	3.0E-11	1.0E-11	2.0E-17
OCDF	6.7E-21	6.5E-15	5.1E-14	1.1E-11	3.7E-12	7.5E-18
HCN						
Hydrogen cyanide				8.4E-06	2.8E-06	
Metals						
Antimony	1.6E-17			3.5E-07	1.2E-07	
Arsenic	8.1E-16	4.8E-17	2.3E-16	2.9E-08	9.5E-09	5.6E-20
Barium	2.3E-12		1.1E-07	4.6E-06	1.5E-06	1.6E-11
Beryllium	3.3E-17		3.9E-14	2.0E-09	6.6E-10	5.8E-18
Cadmium	8.3E-15		3.1E-14	3.6E-08	1.2E-08	4.6E-18
Chromium	2.6E-15		3.2E-09	3.2E-07	1.1E-07	4.8E-13
Cobalt			1.0E-08	2.4E-07	8.1E-08	1.5E-12
Copper			1.3E-08	8.3E-07	2.8E-07	1.9E-12
Lead	6.9E-18		3.8E-12	2.7E-07	8.9E-08	5.6E-16
Manganese			3.1E-11	2.6E-07	8.6E-08	4.5E-15
Mercury (+2)			1.1E-12	1.1E-09	3.8E-10	1.6E-16

Table H-190 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Mercury, elemental				4.7E-12	1.6E-12	
Methyl Mercury	8.7E-15		7.9E-14			1.2E-17
Nickel	3.3E-15		1.6E-13	1.6E-07	5.4E-08	2.3E-17
Phosphorus			2.8E-13	1.2E-06	3.9E-07	8.0E-12
Selenium	2.8E-16		1.6E-15	8.3E-09	2.8E-09	2.3E-19
Silver	2.1E-16		3.1E-11	5.1E-09	1.7E-09	4.6E-15
Titanium			3.2E-13	3.1E-09	1.0E-09	4.8E-17
Zinc	4.1E-12		6.5E-12	5.4E-06	1.8E-06	9.6E-16
NOx						
NOx (Oxides of Nitrogen)				7.1E-05	2.4E-05	
PAHs						
1-Methylnaphthalene		4.9E-15	8.9E-15	1.9E-06	6.2E-07	3.0E-14
1-Methylphenanthrene			6.0E-12	2.3E-07	7.5E-08	8.9E-16
2,3,5-Trimethylnaphthalene			3.0E-12	1.1E-07	3.8E-08	4.4E-16
2,6-Dimethylnaphthalene			7.9E-12	3.0E-07	9.9E-08	1.2E-15
2-Methylnaphthalene		4.7E-15	8.6E-15	1.8E-06	6.1E-07	3.0E-14
Acenaphthylene			2.5E-11	1.1E-06	3.6E-07	3.7E-15
Acenaphthene	3.4E-15			2.0E-07	6.6E-08	
Anthracene	4.3E-14			3.5E-07	1.2E-07	
Benzo(a)anthracene	6.2E-12	4.4E-11	8.0E-11	1.8E-07	5.9E-08	3.6E-12
Benzo(a)pyrene	3.1E-12	1.8E-11	3.3E-11	6.7E-08	2.2E-08	4.9E-15
Benzo(b)fluoranthene	8.3E-13	1.0E-12	1.8E-12	7.2E-08	2.4E-08	2.7E-16

Table H-190 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(e)pyrene			1.3E-12	5.6E-08	1.9E-08	2.0E-16
Benzo(g,h,i)perylene			1.0E-12	4.3E-08	1.4E-08	1.5E-16
Benzo(k)fluoranthene	7.4E-15	6.4E-13	1.2E-12	2.8E-10	9.5E-11	1.7E-16
Biphenyl			1.4E-13	6.4E-06	2.1E-06	2.5E-13
Chrysene	1.1E-12	5.5E-11	9.9E-11	2.9E-07	9.6E-08	1.5E-14
Dibenze(a,h)anthracene	1.6E-13	6.7E-12	1.2E-11	1.0E-08	3.5E-09	1.8E-15
Fluoranthene	2.8E-13	1.4E-12	2.5E-12	4.2E-07	1.4E-07	3.7E-16
Fluorene	6.1E-14			1.1E-06	3.6E-07	
Indeno(1,2,3-cd)pyrene	4.0E-13	1.8E-11	3.3E-11	3.5E-08	1.2E-08	4.9E-15
Napthalene	2.8E-14			8.4E-06	2.8E-06	
Perylene			6.2E-13	2.8E-08	9.2E-09	9.1E-17
Phenanthrene	2.9E-13			2.0E-06	6.6E-07	
Pyrene	2.0E-13	5.1E-12	9.3E-12	4.1E-07	1.4E-07	7.9E-13
Particulate						
Particulate Total Suspended Particulate			1.2E-07	1.2E-03	4.1E-04	1.8E-11
PM<10			1.6E-07	1.6E-03	5.5E-04	2.3E-11
PM<2.5			1.3E-07	1.4E-03	4.8E-04	2.0E-11
PCBs						
Dichlorobiphenyl	6.1E-15	1.3E-14	2.2E-14	5.2E-09	1.7E-09	6.1E-15
Heptachlorobiphenyl	2.3E-16	1.4E-15	2.4E-15	7.0E-11	2.3E-11	3.7E-16
Hexachlorobiphenyl	9.3E-16	6.1E-15	1.0E-14	2.8E-10	9.4E-11	1.6E-15
Monochlorobiphenyl	4.3E-14	9.0E-14	1.5E-13	3.6E-08	1.2E-08	4.3E-14

Table H-190 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Nonachlorobiphenyl	2.9E-17	2.1E-16	3.5E-16	8.7E-12	2.9E-12	5.3E-17
Octachlorobiphenyl	6.8E-17	4.4E-16	7.5E-16	2.1E-11	6.9E-12	1.1E-16
Pentachlorobiphenyl	3.1E-15	2.1E-14	3.5E-14	9.4E-10	3.1E-10	5.4E-15
Tetrachlorobiphenyl	1.8E-15	4.2E-15	7.1E-15	1.5E-09	5.1E-10	2.0E-15
Trichlorobiphenyl	2.4E-15	5.3E-15	9.0E-15	2.0E-09	6.7E-10	2.5E-15
SVOCs						
1,2,4-trichlorobenzene				1.2E-08	3.9E-09	
1,2-dichlorobenzene	2.8E-18			2.6E-09	8.8E-10	
1,3-dichlorobenzene	6.9E-18			7.5E-09	2.5E-09	
1,4-dichlorobenzene	9.2E-17			9.3E-08	3.1E-08	
2,4-Dimethylphenol	2.5E-15			1.3E-06	4.3E-07	
2-Chlorophenol	1.3E-16			2.8E-07	9.4E-08	
2-Methylphenol	5.3E-14			3.2E-06	1.1E-06	
2-Nitrophenol	3.2E-16			4.3E-07	1.4E-07	
3-Methylphenol & 4-Methylphenol			1.5E-10	5.7E-06	1.9E-06	2.3E-14
4-Nitrophenol	6.5E-16			6.6E-07	2.2E-07	
Acetophenone	3.9E-15			6.6E-06	2.2E-06	
Benzoic acid	1.6E-14			3.1E-05	1.0E-05	
Benzyl alcohol	9.8E-18			1.9E-07	6.2E-08	
bis(2-Ethylhexyl) phthalate	4.9E-13	1.2E-10	2.9E-10	1.0E-05	3.4E-06	4.2E-14
Butyl benzyl phthalate	1.8E-13	6.6E-14	1.6E-13	3.4E-07	1.1E-07	2.3E-17
Carbazole			2.6E-13	4.1E-09	1.4E-09	3.8E-17

Table H-190 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibenzofuran		2.9E-15	2.3E-14	5.4E-07	1.8E-07	2.9E-14
Dimethyl phthalate	6.5E-17			8.1E-09	2.7E-09	
Di-n-butyl phthalate	1.7E-12	6.7E-14	1.6E-13	5.2E-07	1.7E-07	2.3E-17
Di-n-octyl phthalate	1.3E-17	8.7E-14	2.1E-13	1.6E-08	5.2E-09	3.0E-17
Hexachlorobutadiene	6.7E-15			1.1E-06	3.6E-07	
Phenol	1.5E-13			1.7E-05	5.7E-06	
Pyridine	7.7E-15			1.6E-06	5.4E-07	
TRS						
Total Reduced Sulfur				1.7E-05	5.8E-06	
VOCs						
1,1,1,2-Tetrachloroethane	2.7E-18			6.2E-09	2.1E-09	
1,1,1-Trichloroethane	1.8E-19			6.8E-09	2.3E-09	
1,1-Dichloroethene	6.0E-21			6.3E-10	2.1E-10	
1,2,3-Trichlorobenzene	1.9E-16			2.7E-08	9.0E-09	
1,2,3-Trichloropropane	1.1E-18			2.6E-09	8.8E-10	
1,2,4-Trimethylbenzene				2.7E-07	9.0E-08	
1,2-Dibromoethane	3.7E-19			1.7E-09	5.6E-10	
1,2-Dichloroethane	1.2E-17			1.4E-07	4.8E-08	
1,3,5-Trimethylbenzene	6.0E-17			2.4E-07	7.9E-08	
1,3-Dichloropropane				1.6E-09	5.4E-10	
2-Butanone	2.4E-15			1.8E-06	6.0E-07	
2-Chlorotoluene				8.3E-08	2.8E-08	

Table H-190 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Hexanone				3.3E-07	1.1E-07	
Benzene	2.0E-15			4.6E-05	1.5E-05	
Bromobenzene				9.1E-07	3.0E-07	
Bromochloromethane				2.1E-09	7.1E-10	
Bromodichloromethane	3.1E-19			2.3E-09	7.7E-10	
Bromomethane	1.3E-18			1.6E-07	5.2E-08	
Carbon disulfide	1.3E-18			1.3E-07	4.4E-08	
Carbon tetrachloride	1.3E-19			5.3E-09	1.8E-09	
Chlorobenzene	4.7E-17			2.3E-07	7.8E-08	
Chlorodibromomethane	1.8E-17			5.8E-08	1.9E-08	
Chloroethane	3.7E-18			4.3E-07	1.4E-07	
Chloroform	2.8E-18			5.2E-08	1.7E-08	
Chloromethane	9.8E-18			1.3E-06	4.3E-07	
cis-1,2-Dichloroethene	3.8E-18			9.7E-08	3.2E-08	
cis-1,3-Dichloropropene				5.9E-10	2.0E-10	
Dibromomethane	4.2E-19			5.0E-09	1.7E-09	
Dichlorodifluoromethane	4.7E-21			6.0E-09	2.0E-09	
Ethylbenzene	1.5E-15			1.0E-05	3.4E-06	
Isopropylbenzene	2.0E-18			7.4E-07	2.5E-07	
m&p-Xylene	2.4E-16			1.7E-06	5.6E-07	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	2.4E-18			8.7E-09	2.9E-09	
Methylene chloride	2.6E-17			9.0E-07	3.0E-07	

Table H-190 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
n-Butylbenzene				3.2E-07	1.1E-07	
n-Propylbenzene				4.2E-07	1.4E-07	
o-Xylene	2.8E-16			1.0E-06	3.5E-07	
p-Chlorotoluene				2.3E-08	7.6E-09	
p-Isopropyltoluene				1.3E-07	4.2E-08	
sec-Butylbenzene				5.9E-08	2.0E-08	
Styrene	9.4E-15			2.5E-05	8.5E-06	
tert-Butylbenzene				1.1E-06	3.7E-07	
Tetrachloroethene	6.6E-19			5.8E-09	1.9E-09	
Toluene	1.6E-15			1.7E-05	5.6E-06	
trans-1,2-Dichloroethene	5.9E-17			2.1E-06	6.9E-07	
trans-1,3-Dichloropropene				1.0E-09	3.4E-10	
Trichloroethene	6.8E-21			1.8E-10	5.9E-11	
Trichlorofluoromethane	1.0E-20			2.1E-09	7.1E-10	
Vinyl chloride	4.8E-19			1.6E-07	5.5E-08	

Table H-191 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas						
Hydrogen Chloride				3.5E-03	1.2E-03	
Aldehydes						
Acetaldehyde	1.0E-14			6.1E-03	2.0E-03	
Formaldehyde	5.1E-14			2.4E-03	7.9E-04	
Propionaldehyde			6.6E-14	6.7E-04	2.2E-04	1.4E-10
CO						
Carbon monoxide				1.9E-01	6.5E-02	
CO2						
Carbon dioxide				5.9E-03	2.0E-03	
Criteria						
Sulfur Dioxide				1.4E-03	4.8E-04	
DIOXINS						
1,2,3,4,6,7,8-HpCDD	1.0E-19	7.2E-15	1.0E-13	4.0E-09	1.3E-09	1.4E-15
1,2,3,4,6,7,8-HpCDF	1.0E-19	7.2E-15	1.0E-13	4.0E-09	1.3E-09	1.4E-15
1,2,3,4,7,8,9-HpCDF	1.6E-20	8.7E-16	1.2E-14	5.2E-10	1.7E-10	1.7E-16
1,2,3,4,7,8-HxCDD	1.2E-19	8.5E-16	1.2E-14	4.8E-10	1.6E-10	1.6E-16
1,2,3,4,7,8-HxCDF	8.6E-19	6.7E-15	9.4E-14	3.9E-09	1.3E-09	1.3E-15
1,2,3,6,7,8-HxCDD	2.4E-19	1.7E-15	2.4E-14	1.0E-09	3.4E-10	3.4E-16
1,2,3,6,7,8-HxCDF	3.2E-19	2.2E-15	3.1E-14	1.3E-09	4.3E-10	4.3E-16
1,2,3,7,8,9-HxCDD	3.4E-19	2.7E-15	3.8E-14	1.5E-09	5.1E-10	5.3E-16
1,2,3,7,8,9-HxCDF	2.7E-20	1.6E-16	2.2E-15	9.8E-11	3.3E-11	3.1E-17

Table H-191 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	7.8E-19	9.7E-16	1.4E-14	6.2E-10	2.1E-10	1.9E-16
1,2,3,7,8-PeCDF	1.1E-18	1.1E-15	1.6E-14	8.8E-10	2.9E-10	2.2E-16
2,3,4,6,7,8-HxCDF	4.6E-19	3.4E-15	4.7E-14	1.9E-09	6.5E-10	6.5E-16
2,3,4,7,8-PeCDF	1.7E-18	2.7E-15	3.8E-14	2.0E-09	6.6E-10	5.3E-16
2,3,7,8-TCDD	2.7E-19	1.5E-16	2.1E-15	2.0E-10	6.8E-11	2.0E-14
2,3,7,8-TCDF	9.0E-19	3.7E-16	5.2E-15	9.2E-10	3.1E-10	7.1E-17
OCDD	1.4E-21	4.8E-15	6.7E-14	2.6E-09	8.7E-10	9.3E-16
OCDF	5.1E-22	1.8E-15	2.5E-14	9.6E-10	3.2E-10	3.5E-16
HCN						
Hydrogen cyanide				7.2E-04	2.4E-04	
Metals						
Antimony	1.8E-18			3.0E-05	1.0E-05	
Arsenic	9.2E-17	2.5E-17	1.3E-16	2.5E-06	8.2E-07	4.8E-18
Barium	2.1E-13		5.6E-08	4.0E-04	1.3E-04	7.7E-10
Beryllium	3.8E-18		3.6E-14	1.7E-07	5.7E-08	5.0E-16
Cadmium	9.5E-16		2.9E-14	3.1E-06	1.0E-06	3.9E-16
Chromium	2.5E-16		1.9E-09	2.7E-05	9.0E-06	2.6E-11
Cobalt			5.1E-09	2.1E-05	7.0E-06	7.1E-11
Copper			6.8E-09	7.1E-05	2.4E-05	9.3E-11
Lead	7.8E-19		3.5E-12	2.3E-05	7.6E-06	4.8E-14
Manganese			2.8E-11	2.2E-05	7.4E-06	3.8E-13
Mercury (+2)			4.8E-13	9.7E-08	3.2E-08	6.7E-15

Table H-191 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Mercury, elemental				4.0E-10	1.3E-10	
Methyl Mercury	7.4E-16		3.6E-14			5.0E-16
Nickel	3.8E-16		1.4E-13	1.4E-05	4.7E-06	2.0E-15
Phosphorus			2.5E-13	1.0E-04	3.4E-05	6.9E-10
Selenium	3.1E-17		1.4E-15	7.1E-07	2.4E-07	2.0E-17
Silver	2.2E-17		2.2E-11	4.4E-07	1.5E-07	3.0E-13
Titanium			2.9E-13	2.7E-07	8.9E-08	4.1E-15
Zinc	4.6E-13		5.9E-12	4.6E-04	1.5E-04	8.2E-14
NOx						
NOx (Oxides of Nitrogen)				6.1E-03	2.0E-03	
PAHs						
1-Methylnaphthalene		2.5E-15	8.1E-15	1.6E-04	5.3E-05	2.6E-12
1-Methylphenanthrene			5.5E-12	1.9E-05	6.4E-06	7.6E-14
2,3,5-Trimethylnaphthalene			2.7E-12	9.8E-06	3.3E-06	3.7E-14
2,6-Dimethylnaphthalene			7.2E-12	2.5E-05	8.5E-06	9.9E-14
2-Methylnaphthalene		2.4E-15	7.9E-15	1.6E-04	5.2E-05	2.5E-12
Acenaphthylene			2.3E-11	9.3E-05	3.1E-05	3.2E-13
Acenaphthene	3.8E-16			1.7E-05	5.6E-06	
Anthracene	4.8E-15			3.0E-05	1.0E-05	
Benzo(a)anthracene	3.7E-12	1.0E-10	3.3E-10	8.1E-05	2.7E-05	1.4E-09
Benzo(a)pyrene	1.8E-12	4.3E-11	1.4E-10	3.1E-05	1.0E-05	1.9E-12
Benzo(b)fluoranthene	5.0E-13	2.3E-12	7.5E-12	3.3E-05	1.1E-05	1.0E-13

Table H-191 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(e)pyrene			1.2E-12	4.8E-06	1.6E-06	1.7E-14
Benzo(g,h,i)perylene			9.3E-13	3.7E-06	1.2E-06	1.3E-14
Benzo(k)fluoranthene	3.7E-15	1.1E-12	3.7E-12	1.3E-07	4.3E-08	5.1E-14
Biphenyl			1.3E-13	5.5E-04	1.8E-04	2.1E-11
Chrysene	6.4E-13	1.1E-10	3.7E-10	1.3E-04	4.4E-05	5.1E-12
Dibenze(a,h)anthracene	9.0E-14	1.4E-11	4.7E-11	4.8E-06	1.6E-06	6.4E-13
Fluoranthene	3.2E-14	6.3E-13	2.0E-12	3.6E-05	1.2E-05	2.8E-14
Fluorene	6.9E-15			9.2E-05	3.1E-05	
Indeno(1,2,3-cd)pyrene	2.3E-13	4.1E-11	1.3E-10	1.6E-05	5.3E-06	1.8E-12
Napthalene	3.2E-15			7.2E-04	2.4E-04	
Perylene			5.6E-13	2.4E-06	7.9E-07	7.7E-15
Phenanthrene	3.3E-14			1.7E-04	5.7E-05	
Pyrene	2.3E-14	1.7E-12	5.7E-12	3.6E-05	1.2E-05	4.5E-11
Particulate						
Particulate Total Suspended Particulate			1.1E-07	1.1E-01	3.5E-02	1.5E-09
PM<10			1.4E-07	1.4E-01	4.7E-02	2.0E-09
PM<2.5			1.2E-07	1.2E-01	4.1E-02	1.7E-09
PCBs						
Dichlorobiphenyl	6.9E-16	3.6E-15	1.1E-14	4.4E-07	1.5E-07	2.8E-13
Heptachlorobiphenyl	2.6E-17	4.0E-16	1.2E-15	6.0E-09	2.0E-09	1.7E-14
Hexachlorobiphenyl	1.0E-16	1.7E-15	5.1E-15	2.4E-08	8.1E-09	7.3E-14
Monochlorobiphenyl	4.8E-15	2.5E-14	7.6E-14	3.1E-06	1.0E-06	2.0E-12

Table H-191 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Nonachlorobiphenyl	3.2E-18	5.7E-17	1.7E-16	7.4E-10	2.5E-10	2.5E-15
Octachlorobiphenyl	7.7E-18	1.2E-16	3.7E-16	1.8E-09	5.9E-10	5.3E-15
Pentachlorobiphenyl	3.5E-16	5.8E-15	1.7E-14	8.1E-08	2.7E-08	2.5E-13
Tetrachlorobiphenyl	2.0E-16	1.2E-15	3.5E-15	1.3E-07	4.4E-08	9.3E-14
Trichlorobiphenyl	2.7E-16	1.5E-15	4.5E-15	1.7E-07	5.8E-08	1.2E-13
SVOCs						
1,2,4-trichlorobenzene				1.0E-06	3.4E-07	
1,2-dichlorobenzene	3.1E-19			2.3E-07	7.6E-08	
1,3-dichlorobenzene	7.9E-19			6.5E-07	2.2E-07	
1,4-dichlorobenzene	1.0E-17			7.9E-06	2.6E-06	
2,4-Dimethylphenol	2.8E-16			1.1E-04	3.7E-05	
2-Chlorophenol	1.5E-17			2.4E-05	8.0E-06	
2-Methylphenol	6.0E-15			2.7E-04	9.1E-05	
2-Nitrophenol	3.6E-17			3.6E-05	1.2E-05	
3-Methylphenol & 4-Methylphenol			1.4E-10	4.9E-04	1.6E-04	1.9E-12
4-Nitrophenol	7.4E-17			5.7E-05	1.9E-05	
Acetophenone	4.5E-16			5.7E-04	1.9E-04	
Benzoic acid	1.8E-15			2.6E-03	8.8E-04	
Benzyl alcohol	1.1E-18			1.6E-05	5.3E-06	
bis(2-Ethylhexyl) phthalate	5.6E-14	6.2E-11	2.6E-10	8.7E-04	2.9E-04	3.6E-12
Butyl benzyl phthalate	2.0E-14	3.4E-14	1.4E-13	2.9E-05	9.7E-06	2.0E-15
Carbazole			2.4E-13	3.5E-07	1.2E-07	3.3E-15

Table H-191 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibenzofuran		1.5E-15	2.1E-14	4.6E-05	1.5E-05	2.5E-12
Dimethyl phthalate	7.3E-18			6.9E-07	2.3E-07	
Di-n-butyl phthalate	1.9E-13	3.4E-14	1.4E-13	4.5E-05	1.5E-05	2.0E-15
Di-n-octyl phthalate	1.4E-18	4.4E-14	1.9E-13	1.3E-06	4.5E-07	2.6E-15
Hexachlorobutadiene	7.6E-16			9.2E-05	3.1E-05	
Phenol	1.7E-14			1.5E-03	4.9E-04	
Pyridine	8.7E-16			1.4E-04	4.6E-05	
TRS						
Total Reduced Sulfur				1.5E-03	4.9E-04	
VOCs						
1,1,1,2-Tetrachloroethane	3.0E-19			5.3E-07	1.8E-07	
1,1,1-Trichloroethane	2.0E-20			5.8E-07	1.9E-07	
1,1-Dichloroethene	6.8E-22			5.4E-08	1.8E-08	
1,2,3-Trichlorobenzene	2.1E-17			2.3E-06	7.7E-07	
1,2,3-Trichloropropane	6.5E-19			1.2E-06	4.0E-07	
1,2,4-Trimethylbenzene				2.3E-05	7.7E-06	
1,2-Dibromoethane	4.2E-20			1.4E-07	4.8E-08	
1,2-Dichloroethane	1.3E-18			1.2E-05	4.1E-06	
1,3,5-Trimethylbenzene	6.8E-18			2.0E-05	6.8E-06	
1,3-Dichloropropane				1.4E-07	4.7E-08	
2-Butanone	2.8E-16			1.5E-04	5.1E-05	
2-Chlorotoluene				7.1E-06	2.4E-06	

Table H-191 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Hexanone				2.9E-05	9.6E-06	
Benzene	2.2E-16			4.0E-03	1.3E-03	
Bromobenzene				7.8E-05	2.6E-05	
Bromochloromethane				1.8E-07	6.1E-08	
Bromodichloromethane	3.6E-20			2.0E-07	6.6E-08	
Bromomethane	1.5E-19			1.3E-05	4.5E-06	
Carbon disulfide	1.4E-19			1.1E-05	3.8E-06	
Carbon tetrachloride	1.5E-20			4.5E-07	1.5E-07	
Chlorobenzene	5.3E-18			2.0E-05	6.7E-06	
Chlorodibromomethane	2.1E-18			4.9E-06	1.6E-06	
Chloroethane	4.2E-19			3.7E-05	1.2E-05	
Chloroform	3.2E-19			4.5E-06	1.5E-06	
Chloromethane	1.1E-18			1.1E-04	3.7E-05	
cis-1,2-Dichloroethene	4.3E-19			8.3E-06	2.8E-06	
cis-1,3-Dichloropropene				5.1E-08	1.7E-08	
Dibromomethane	4.7E-20			4.2E-07	1.4E-07	
Dichlorodifluoromethane	5.3E-22			5.2E-07	1.7E-07	
Ethylbenzene	1.7E-16			8.6E-04	2.9E-04	
Isopropylbenzene	2.2E-19			6.3E-05	2.1E-05	
m&p-Xylene	2.7E-17			1.4E-04	4.8E-05	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	2.7E-19			7.4E-07	2.5E-07	
Methylene chloride	1.6E-17			4.1E-04	1.4E-04	

Table H-191 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Va pors Outdoors (ug/m3)
n-Butylbenzene				2.7E-05	9.0E-06	
n-Propylbenzene				3.6E-05	1.2E-05	
o-Xylene	3.1E-17			8.9E-05	3.0E-05	
p-Chlorotoluene				2.0E-06	6.5E-07	
p-Isopropyltoluene				1.1E-05	3.6E-06	
sec-Butylbenzene				5.1E-06	1.7E-06	
Styrene	1.1E-15			2.2E-03	7.3E-04	
tert-Butylbenzene				9.5E-05	3.2E-05	
Tetrachloroethene	7.5E-20			4.9E-07	1.6E-07	
Toluene	1.8E-16			1.4E-03	4.8E-04	
trans-1,2-Dichloroethene	6.7E-18			1.8E-04	5.9E-05	
trans-1,3-Dichloropropene				8.8E-08	2.9E-08	
Trichloroethene	4.1E-21			8.1E-08	2.7E-08	
Trichlorofluoromethane	1.2E-21			1.8E-07	6.1E-08	
Vinyl chloride	2.9E-19			7.5E-05	2.5E-05	

Table H-192 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Va pors Outdoors (ug/m3)
Acid Gas						
Hydrogen Chloride				4.1E-05	1.4E-05	
Aldehydes						
Acetaldehyde	1.2E-13			7.1E-05	2.4E-05	
Formaldehyde	6.0E-13			2.8E-05	9.2E-06	
Propionaldehyde			7.7E-13	7.8E-06	2.6E-06	1.6E-12
CO						
Carbon monoxide				2.3E-03	7.6E-04	
CO2						
Carbon dioxide				6.8E-05	2.3E-05	
Criteria						
Sulfur Dioxide				1.7E-05	5.6E-06	
DIOXINS						
1,2,3,4,6,7,8-HpCDD	1.8E-18	1.6E-13	2.2E-12	4.6E-11	1.5E-11	3.0E-17
1,2,3,4,6,7,8-HpCDF	1.7E-18	1.6E-13	2.2E-12	4.6E-11	1.5E-11	3.0E-17
1,2,3,4,7,8,9-HpCDF	2.5E-19	1.9E-14	2.6E-13	6.0E-12	2.0E-12	3.7E-18
1,2,3,4,7,8-HxCDD	2.0E-18	1.8E-14	2.6E-13	5.6E-12	1.9E-12	3.5E-18
1,2,3,4,7,8-HxCDF	1.3E-17	1.4E-13	2.0E-12	4.6E-11	1.5E-11	2.8E-17
1,2,3,6,7,8-HxCDD	3.7E-18	3.7E-14	5.2E-13	1.2E-11	3.9E-12	7.2E-18
1,2,3,6,7,8-HxCDF	5.0E-18	4.8E-14	6.7E-13	1.5E-11	5.0E-12	9.3E-18
1,2,3,7,8,9-HxCDD	5.5E-18	5.9E-14	8.3E-13	1.8E-11	6.0E-12	1.1E-17
1,2,3,7,8,9-HxCDF	4.0E-19	3.5E-15	4.8E-14	1.1E-12	3.8E-13	6.7E-19

Table H-192 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	1.0E-17	2.1E-14	2.9E-13	7.2E-12	2.4E-12	4.1E-18
1,2,3,7,8-PeCDF	1.4E-17	2.5E-14	3.5E-13	1.0E-11	3.4E-12	4.8E-18
2,3,4,6,7,8-HxCDF	7.1E-18	7.2E-14	1.0E-12	2.3E-11	7.6E-12	1.4E-17
2,3,4,7,8-PeCDF	2.2E-17	5.9E-14	8.3E-13	2.3E-11	7.7E-12	1.1E-17
2,3,7,8-TCDD	3.3E-18	3.1E-15	4.4E-14	2.4E-12	7.9E-13	4.2E-16
2,3,7,8-TCDF	1.1E-17	7.9E-15	1.1E-13	1.1E-11	3.6E-12	1.5E-18
OCDD	2.4E-20	1.0E-13	1.5E-12	3.0E-11	1.0E-11	2.0E-17
OCDF	8.8E-21	3.9E-14	5.5E-13	1.1E-11	3.7E-12	7.5E-18
HCN						
Hydrogen cyanide				8.4E-06	2.8E-06	
Metals						
Antimony	2.1E-17			3.5E-07	1.2E-07	
Arsenic	1.1E-15	2.9E-16	2.4E-15	2.9E-08	9.5E-09	5.6E-20
Barium	3.1E-12		1.2E-06	4.6E-06	1.5E-06	1.6E-11
Beryllium	4.4E-17		4.2E-13	2.0E-09	6.6E-10	5.8E-18
Cadmium	1.1E-14		3.3E-13	3.6E-08	1.2E-08	4.6E-18
Chromium	3.4E-15		3.5E-08	3.2E-07	1.1E-07	4.8E-13
Cobalt			1.1E-07	2.4E-07	8.1E-08	1.5E-12
Copper			1.4E-07	8.3E-07	2.8E-07	1.9E-12
Lead	9.1E-18		4.1E-11	2.7E-07	8.9E-08	5.6E-16
Manganese			3.3E-10	2.6E-07	8.6E-08	4.5E-15
Mercury (+2)			1.1E-11	1.1E-09	3.8E-10	1.6E-16

Table H-192 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Mercury, elemental				4.7E-12	1.6E-12	
Methyl Mercury	1.2E-14		8.4E-13			1.2E-17
Nickel	4.4E-15		1.7E-12	1.6E-07	5.4E-08	2.3E-17
Phosphorus			3.0E-12	1.2E-06	3.9E-07	8.0E-12
Selenium	3.6E-16		1.7E-14	8.3E-09	2.8E-09	2.3E-19
Silver	2.8E-16		3.3E-10	5.1E-09	1.7E-09	4.6E-15
Titanium			3.4E-12	3.1E-09	1.0E-09	4.8E-17
Zinc	5.4E-12		6.9E-11	5.4E-06	1.8E-06	9.6E-16
NOx						
NOx (Oxides of Nitrogen)				7.1E-05	2.4E-05	
PAHs						
1-Methylnaphthalene		2.9E-14	9.4E-14	1.9E-06	6.2E-07	3.0E-14
1-Methylphenanthrene			6.4E-11	2.3E-07	7.5E-08	8.9E-16
2,3,5-Trimethylnaphthalene			3.2E-11	1.1E-07	3.8E-08	4.4E-16
2,6-Dimethylnaphthalene			8.4E-11	3.0E-07	9.9E-08	1.2E-15
2-Methylnaphthalene		2.8E-14	9.2E-14	1.8E-06	6.1E-07	3.0E-14
Acenaphthylene			2.7E-10	1.1E-06	3.6E-07	3.7E-15
Acenaphthene	4.5E-15			2.0E-07	6.6E-08	
Anthracene	5.6E-14			3.5E-07	1.2E-07	
Benzo(a)anthracene	8.1E-12	2.6E-10	8.5E-10	1.8E-07	5.9E-08	3.6E-12
Benzo(a)pyrene	4.0E-12	1.1E-10	3.5E-10	6.7E-08	2.2E-08	4.9E-15
Benzo(b)fluoranthene	1.1E-12	6.0E-12	1.9E-11	7.2E-08	2.4E-08	2.7E-16

Table H-192 (Average Daily Dose)

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Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(e)pyrene			1.4E-11	5.6E-08	1.9E-08	2.0E-16
Benzo(g,h,i)perylene			1.1E-11	4.3E-08	1.4E-08	1.5E-16
Benzo(k)fluoranthene	9.7E-15	3.8E-12	1.2E-11	2.8E-10	9.5E-11	1.7E-16
Biphenyl			1.5E-12	6.4E-06	2.1E-06	2.5E-13
Chrysene	1.4E-12	3.3E-10	1.1E-09	2.9E-07	9.6E-08	1.5E-14
Dibenze(a,h)anthracene	2.1E-13	4.0E-11	1.3E-10	1.0E-08	3.5E-09	1.8E-15
Fluoranthene	3.7E-13	8.2E-12	2.7E-11	4.2E-07	1.4E-07	3.7E-16
Fluorene	8.1E-14			1.1E-06	3.6E-07	
Indeno(1,2,3-cd)pyrene	5.3E-13	1.1E-10	3.6E-10	3.5E-08	1.2E-08	4.9E-15
Napthalene	3.7E-14			8.4E-06	2.8E-06	
Perylene			6.6E-12	2.8E-08	9.2E-09	9.1E-17
Phenanthrene	3.9E-13			2.0E-06	6.6E-07	
Pyrene	2.7E-13	3.1E-11	1.0E-10	4.1E-07	1.4E-07	7.9E-13
Particulate						
Particulate Total Suspended Particulate			1.3E-06	1.2E-03	4.1E-04	1.8E-11
PM<10			1.7E-06	1.6E-03	5.5E-04	2.3E-11
PM<2.5			1.4E-06	1.4E-03	4.8E-04	2.0E-11
PCBs						
Dichlorobiphenyl	8.0E-15	7.7E-14	2.3E-13	5.2E-09	1.7E-09	6.1E-15
Heptachlorobiphenyl	3.0E-16	8.7E-15	2.6E-14	7.0E-11	2.3E-11	3.7E-16
Hexachlorobiphenyl	1.2E-15	3.6E-14	1.1E-13	2.8E-10	9.4E-11	1.6E-15
Monochlorobiphenyl	5.6E-14	5.4E-13	1.6E-12	3.6E-08	1.2E-08	4.3E-14

Table H-192 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Nonachlorobiphenyl	3.8E-17	1.2E-15	3.7E-15	8.7E-12	2.9E-12	5.3E-17
Octachlorobiphenyl	9.0E-17	2.7E-15	8.0E-15	2.1E-11	6.9E-12	1.1E-16
Pentachlorobiphenyl	4.1E-15	1.2E-13	3.8E-13	9.4E-10	3.1E-10	5.4E-15
Tetrachlorobiphenyl	2.4E-15	2.5E-14	7.6E-14	1.5E-09	5.1E-10	2.0E-15
Trichlorobiphenyl	3.1E-15	3.2E-14	9.6E-14	2.0E-09	6.7E-10	2.5E-15
SVOCs						
1,2,4-trichlorobenzene				1.2E-08	3.9E-09	
1,2-dichlorobenzene	3.6E-18			2.6E-09	8.8E-10	
1,3-dichlorobenzene	9.2E-18			7.5E-09	2.5E-09	
1,4-dichlorobenzene	1.2E-16			9.3E-08	3.1E-08	
2,4-Dimethylphenol	3.3E-15			1.3E-06	4.3E-07	
2-Chlorophenol	1.7E-16			2.8E-07	9.4E-08	
2-Methylphenol	7.0E-14			3.2E-06	1.1E-06	
2-Nitrophenol	4.2E-16			4.3E-07	1.4E-07	
3-Methylphenol & 4-Methylphenol			1.6E-09	5.7E-06	1.9E-06	2.3E-14
4-Nitrophenol	8.6E-16			6.6E-07	2.2E-07	
Acetophenone	5.2E-15			6.6E-06	2.2E-06	
Benzoic acid	2.1E-14			3.1E-05	1.0E-05	
Benzyl alcohol	1.3E-17			1.9E-07	6.2E-08	
bis(2-Ethylhexyl) phthalate	6.5E-13	7.2E-10	3.1E-09	1.0E-05	3.4E-06	4.2E-14
Butyl benzyl phthalate	2.3E-13	4.0E-13	1.7E-12	3.4E-07	1.1E-07	2.3E-17
Carbazole			2.8E-12	4.1E-09	1.4E-09	3.8E-17

Table H-192 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibenzofuran		1.7E-14	2.4E-13	5.4E-07	1.8E-07	2.9E-14
Dimethyl phthalate	8.5E-17			8.1E-09	2.7E-09	
Di-n-butyl phthalate	2.2E-12	4.0E-13	1.7E-12	5.2E-07	1.7E-07	2.3E-17
Di-n-octyl phthalate	1.7E-17	5.2E-13	2.2E-12	1.6E-08	5.2E-09	3.0E-17
Hexachlorobutadiene	8.9E-15			1.1E-06	3.6E-07	
Phenol	1.9E-13			1.7E-05	5.7E-06	
Pyridine	1.0E-14			1.6E-06	5.4E-07	
TRS						
Total Reduced Sulfur				1.7E-05	5.8E-06	
VOCs						
1,1,1,2-Tetrachloroethane	3.5E-18			6.2E-09	2.1E-09	
1,1,1-Trichloroethane	2.3E-19			6.8E-09	2.3E-09	
1,1-Dichloroethene	7.9E-21			6.3E-10	2.1E-10	
1,2,3-Trichlorobenzene	2.5E-16			2.7E-08	9.0E-09	
1,2,3-Trichloropropane	1.4E-18			2.6E-09	8.8E-10	
1,2,4-Trimethylbenzene				2.7E-07	9.0E-08	
1,2-Dibromoethane	4.9E-19			1.7E-09	5.6E-10	
1,2-Dichloroethane	1.5E-17			1.4E-07	4.8E-08	
1,3,5-Trimethylbenzene	8.0E-17			2.4E-07	7.9E-08	
1,3-Dichloropropane				1.6E-09	5.4E-10	
2-Butanone	3.2E-15			1.8E-06	6.0E-07	
2-Chlorotoluene				8.3E-08	2.8E-08	

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Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Hexanone				3.3E-07	1.1E-07	
Benzene	2.6E-15			4.6E-05	1.5E-05	
Bromobenzene				9.1E-07	3.0E-07	
Bromochloromethane				2.1E-09	7.1E-10	
Bromodichloromethane	4.1E-19			2.3E-09	7.7E-10	
Bromomethane	1.8E-18			1.6E-07	5.2E-08	
Carbon disulfide	1.7E-18			1.3E-07	4.4E-08	
Carbon tetrachloride	1.8E-19			5.3E-09	1.8E-09	
Chlorobenzene	6.2E-17			2.3E-07	7.8E-08	
Chlorodibromomethane	2.4E-17			5.8E-08	1.9E-08	
Chloroethane	4.9E-18			4.3E-07	1.4E-07	
Chloroform	3.7E-18			5.2E-08	1.7E-08	
Chloromethane	1.3E-17			1.3E-06	4.3E-07	
cis-1,2-Dichloroethene	5.0E-18			9.7E-08	3.2E-08	
cis-1,3-Dichloropropene				5.9E-10	2.0E-10	
Dibromomethane	5.5E-19			5.0E-09	1.7E-09	
Dichlorodifluoromethane	6.2E-21			6.0E-09	2.0E-09	
Ethylbenzene	2.0E-15			1.0E-05	3.4E-06	
Isopropylbenzene	2.6E-18			7.4E-07	2.5E-07	
m&p-Xylene	3.1E-16			1.7E-06	5.6E-07	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	3.2E-18			8.7E-09	2.9E-09	
Methylene chloride	3.4E-17			9.0E-07	3.0E-07	

Table H-192 (Average Daily Dose)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
n-Butylbenzene				3.2E-07	1.1E-07	
n-Propylbenzene				4.2E-07	1.4E-07	
o-Xylene	3.7E-16			1.0E-06	3.5E-07	
p-Chlorotoluene				2.3E-08	7.6E-09	
p-Isopropyltoluene				1.3E-07	4.2E-08	
sec-Butylbenzene				5.9E-08	2.0E-08	
Styrene	1.2E-14			2.5E-05	8.5E-06	
tert-Butylbenzene				1.1E-06	3.7E-07	
Tetrachloroethene	8.7E-19			5.8E-09	1.9E-09	
Toluene	2.1E-15			1.7E-05	5.6E-06	
trans-1,2-Dichloroethene	7.8E-17			2.1E-06	6.9E-07	
trans-1,3-Dichloropropene				1.0E-09	3.4E-10	
Trichloroethene	9.0E-21			1.8E-10	5.9E-11	
Trichlorofluoromethane	1.4E-20			2.1E-09	7.1E-10	
Vinyl chloride	6.3E-19			1.6E-07	5.5E-08	

Table H-193 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			1.2E-05	1.5E-06	
Aldehydes					
Acetaldehyde			2.1E-05	2.6E-06	
Formaldehyde			8.2E-02	1.1E-06	
Propionaldehyde		3.2E-17	2.3E-06	2.8E-07	2.4E-13
CO					
Carbon monoxide			6.4E-04	8.0E-05	
CO2					
Carbon dioxide			2.0E-05	2.5E-06	
Criteria					
Sulfur Dioxide			5.4E-06	6.8E-07	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	1.8E-17	7.0E-17	1.2E-11	1.5E-12	3.4E-18
1,2,3,4,6,7,8-HpCDF	1.8E-17	7.1E-17	1.2E-11	1.5E-12	3.5E-18
1,2,3,4,7,8,9-HpCDF	2.1E-18	8.1E-18	1.6E-12	1.9E-13	4.0E-19
1,2,3,4,7,8-HxCDD	2.0E-18	7.9E-18	1.5E-12	1.8E-13	3.9E-19
1,2,3,4,7,8-HxCDF	1.6E-17	6.3E-17	1.2E-11	1.5E-12	3.1E-18
1,2,3,6,7,8-HxCDD	4.1E-18	1.6E-17	3.1E-12	3.8E-13	7.9E-19
1,2,3,6,7,8-HxCDF	5.2E-18	2.1E-17	3.8E-12	4.8E-13	1.0E-18
1,2,3,7,8,9-HxCDD	6.5E-18	2.6E-17	4.6E-12	5.8E-13	1.3E-18
1,2,3,7,8,9-HxCDF	3.7E-19	1.5E-18	2.9E-13	3.7E-14	7.2E-20

Table H-193 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	2.3E-18	9.0E-18	1.8E-12	2.3E-13	4.4E-19
1,2,3,7,8-PeCDF	2.7E-18	1.1E-17	2.6E-12	3.3E-13	5.2E-19
2,3,4,6,7,8-HxCDF	8.2E-18	3.2E-17	5.9E-12	7.4E-13	1.6E-18
2,3,4,7,8-PeCDF	6.4E-18	2.5E-17	5.9E-12	7.4E-13	1.2E-18
2,3,7,8-TCDD	4.6E-19	1.8E-18	7.4E-13	9.3E-14	6.2E-17
2,3,7,8-TCDF	8.4E-19	3.3E-18	2.7E-12	3.4E-13	1.6E-19
OCDD	1.2E-17	4.7E-17	8.0E-12	1.0E-12	2.3E-18
OCDF	4.6E-18	1.8E-17	3.0E-12	3.8E-13	9.0E-19
DNT					
2,4-Dinitrotoluene	5.7E-09	6.8E-09			3.3E-10
2,6-Dinitrotoluene	9.1E-09	1.1E-08			5.3E-10
HCN					
Hydrogen cyanide			2.3E-06	2.8E-07	
Metals					
Aluminum		1.1E-04			5.5E-06
Antimony		4.3E-09	1.5E-07	1.9E-08	2.1E-10
Arsenic	8.5E-09	2.0E-08	8.5E-09	1.1E-09	1.6E-09
Barium		3.9E-11	1.8E-06	2.2E-07	1.9E-12
Beryllium		1.5E-17	6.1E-10	7.7E-11	7.3E-19
Cadmium		1.2E-17	1.1E-08	1.4E-09	5.7E-19
Chromium		1.0E-12	9.2E-08	1.2E-08	5.0E-14
Cobalt		2.8E-07	1.4E-07	1.8E-08	1.4E-08

Table H-193 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Copper		4.2E-12	2.5E-07	3.2E-08	2.0E-13
Iron		2.4E-04			1.2E-05
Lead		1.5E-06	8.5E-08	1.1E-08	7.2E-08
Manganese		1.1E-14	7.8E-08	9.7E-09	5.6E-16
Mercury (+2)		4.6E-16	3.4E-10	4.2E-11	2.2E-17
Mercury, elemental		2.1E-10	1.4E-12	1.8E-13	4.1E-07
Methyl Mercury		2.7E-17			1.3E-18
Nickel		5.7E-06	5.0E-08	6.2E-09	2.8E-07
Phosphorus		1.1E-16	3.8E-07	4.7E-08	1.0E-12
Selenium		5.8E-19	2.5E-09	3.1E-10	2.8E-20
Silver		1.1E-14	1.6E-09	2.0E-10	5.2E-16
Thallium (Soluble Salts)		1.5E-09			7.5E-11
Titanium		1.1E-16	8.7E-10	1.1E-10	5.6E-18
Zinc		2.6E-15	2.0E-06	2.4E-07	1.3E-16
NOx					
NOx (Oxides of Nitrogen)			2.2E-05	2.8E-06	
PAHs					
1-Methylnaphthalene	3.4E-18	3.1E-18	4.7E-07	5.9E-08	3.5E-15
1-Methylphenanthrene		2.1E-15	5.6E-08	7.0E-09	1.0E-16
2,3,5-Trimethylnaphthalene		9.7E-16	2.8E-08	3.5E-09	4.8E-17
2,6-Dimethylnaphthalene		2.7E-15	7.4E-08	9.2E-09	1.3E-16
2-Methylnaphthalene	3.3E-18	3.0E-18	4.6E-07	5.7E-08	3.4E-15

Table H-193 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acenaphthylene		8.5E-15	2.7E-07	3.4E-08	4.2E-16
Acenaphthene			4.9E-08	6.2E-09	
Anthracene			8.7E-08	1.1E-08	
Benzo(a)anthracene	2.2E-09	2.0E-09	4.3E-08	5.3E-09	3.1E-08
Benzo(a)pyrene	3.8E-09	3.4E-09	1.7E-08	2.1E-09	1.7E-10
Benzo(b)fluoranthene	8.1E-09	7.3E-09	1.9E-08	2.3E-09	3.6E-10
Benzo(e)pyrene		4.9E-16	1.4E-08	1.8E-09	2.4E-17
Benzo(g,h,i)perylene		3.6E-16	1.1E-08	1.4E-09	1.8E-17
Benzo(k)fluoranthene	5.2E-10	4.7E-10	1.7E-10	2.1E-11	2.3E-11
Biphenyl		4.8E-17	1.6E-06	2.0E-07	2.8E-14
Chrysene	3.2E-09	2.9E-09	7.3E-08	9.1E-09	1.4E-10
Dibenze(a,h)anthracene	1.4E-10	1.3E-10	2.7E-09	3.3E-10	6.3E-12
Fluoranthene	9.1E-16	8.3E-16	1.1E-07	1.3E-08	4.0E-17
Fluorene			2.7E-07	3.3E-08	
Indeno(1,2,3-cd)pyrene	2.0E-09	1.8E-09	8.8E-09	1.1E-09	9.0E-11
Napthalene			2.1E-06	2.7E-07	
Perylene		1.9E-16	6.6E-09	8.2E-10	9.2E-18
Phenanthrene			5.0E-07	6.3E-08	
Pyrene	3.1E-15	2.8E-15	1.0E-07	1.3E-08	7.8E-14
Particulate					
Particulate Total Suspended Particulate		4.3E-11	3.3E-04	4.2E-05	2.1E-12
PM<10		5.5E-11	4.4E-04	5.5E-05	2.7E-12

Table H-193 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
PM<2.5		4.5E-11	3.8E-04	4.7E-05	2.2E-12
PCBs					
Dichlorobiphenyl	8.2E-18	7.0E-18	1.3E-09	1.7E-10	6.5E-16
Heptachlorobiphenyl	9.5E-19	8.1E-19	1.8E-11	2.3E-12	4.1E-17
Hexachlorobiphenyl	4.3E-18	3.6E-18	7.6E-11	9.5E-12	1.9E-16
Monochlorobiphenyl	5.7E-17	4.8E-17	9.2E-09	1.2E-09	4.5E-15
Nonachlorobiphenyl	1.7E-19	1.4E-19	2.6E-12	3.2E-13	7.2E-18
Octachlorobiphenyl	3.1E-19	2.6E-19	5.5E-12	6.9E-13	1.3E-17
Pentachlorobiphenyl	1.6E-17	1.3E-17	2.6E-10	3.3E-11	6.7E-16
Tetrachlorobiphenyl	3.1E-18	2.7E-18	4.3E-10	5.4E-11	2.5E-16
Trichlorobiphenyl	3.8E-18	3.2E-18	5.5E-10	6.8E-11	3.0E-16
Pesticides					
DDE		7.3E-10			2.3E-08
SVOCs					
1,2,4-trichlorobenzene			3.9E-09	4.8E-10	
1,2-dichlorobenzene			1.6E-09	1.9E-10	
1,3-Butadiene			4.6E-04		
1,3-dichlorobenzene			2.3E-09	2.9E-10	
1,4-dichlorobenzene			2.2E-08	2.7E-09	
1,4-Dioxane			1.0E-03		
2,4-Dimethylphenol			3.4E-07	4.2E-08	
2-Chlorophenol			6.8E-08	8.5E-09	

Table H-193 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Methylphenol			8.0E-07	9.9E-08	
2-Nitrophenol			1.1E-07	1.3E-08	
3-Methylphenol & 4-Methylphenol		5.3E-14	1.4E-06	1.8E-07	2.6E-15
4-Nitrophenol			1.8E-07	2.2E-08	
Acetophenone			1.7E-06	2.1E-07	
Benzoic acid			7.7E-06	9.6E-07	
Benzyl alcohol			6.4E-08	8.0E-09	
bis(2-Ethylhexyl) phthalate	9.6E-14	1.1E-13	2.7E-06	3.4E-07	5.6E-15
Butyl benzyl phthalate	4.7E-17	5.5E-17	8.5E-08	1.1E-08	2.7E-18
Carbazole		2.0E-16	2.4E-09	3.0E-10	9.8E-18
Dibenzofuran	2.1E-18	8.1E-18	1.4E-07	1.7E-08	3.5E-15
Dimethyl phthalate			4.8E-09	5.9E-10	
Di-n-butyl phthalate	4.6E-17	5.5E-17	1.3E-07	1.6E-08	2.7E-18
Di-n-octyl phthalate	1.3E-16	1.6E-16	9.2E-09	1.1E-09	7.8E-18
Hexachlorobutadiene			6.3E-07	7.9E-08	
Isopropanol			1.2E-02		
Phenol			4.3E-06	5.4E-07	
Pyridine			4.1E-07	5.1E-08	
TRS					
Total Reduced Sulfur			4.2E-06	5.2E-07	
VOCs					
1,1,1,2-Tetrachloroethane			1.9E-09	2.4E-10	

Table H-193 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,1,1-Trichloroethane			1.9E-09	2.4E-10	
1,1-Dichloroethene			3.7E-10	4.6E-11	
1,2,3-Trichlorobenzene			7.6E-09	9.5E-10	
1,2,3-Trichloropropane			1.5E-09	1.9E-10	
1,2,4-Trimethylbenzene			8.9E-08	1.1E-08	
1,2-Dibromoethane			9.9E-10	1.2E-10	
1,2-Dichloroethane			4.9E-04	1.4E-05	
1,3,5-Trimethylbenzene			8.4E-08	1.0E-08	
1,3-Dichloropropane			9.6E-10	1.2E-10	
2-Butanone			4.7E-07	5.9E-08	
2-Chlorotoluene			2.1E-08	2.6E-09	
2-Hexanone			9.7E-08	1.2E-08	
Benzene			1.2E-03	1.4E-04	
Bromobenzene			5.3E-07	6.6E-08	
Bromochloromethane			1.3E-09	1.6E-10	
Bromodichloromethane			1.4E-09	1.7E-10	
Bromomethane			5.4E-08	6.8E-09	
Carbon disulfide			4.8E-08	6.0E-09	
Carbon tetrachloride			2.1E-03	2.2E-04	
Chlorobenzene			6.9E-08	8.6E-09	
Chlorodibromomethane			3.4E-08	4.2E-09	
Chloroethane			1.3E-07	1.6E-08	

Table H-193 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Chloroform			3.6E-04	3.4E-05	
Chloromethane			4.4E-07	5.5E-08	
cis-1,2-Dichloroethene			5.7E-08	7.1E-09	
cis-1,3-Dichloropropene			3.5E-10	4.3E-11	
Dibromomethane			2.9E-09	3.6E-10	
Dichlorodifluoromethane			3.6E-09	4.4E-10	
Ethylbenzene			1.4E-03	3.5E-07	
Isopropylbenzene			2.3E-07	2.8E-08	
m&p-Xylene			5.2E-07	6.5E-08	
Methyl Isobutyl Ketone (4-methyl-2-penta			5.1E-09	6.4E-10	
Methylene chloride			2.6E-07	3.2E-08	
n-Butylbenzene			1.1E-07	1.4E-08	
n-Propylbenzene			1.3E-07	1.7E-08	
o-Xylene			3.3E-07	4.1E-08	
p-Chlorotoluene			7.9E-09	9.9E-10	
p-Isopropyltoluene			5.5E-08	6.9E-09	
sec-Butylbenzene			2.0E-08	2.5E-09	
Styrene			7.3E-06	9.1E-07	
tert-Butylbenzene			6.5E-07	8.2E-08	
Tetrachloroethene			1.7E-09	2.2E-10	
Toluene			4.5E-06	5.6E-07	
trans-1,2-Dichloroethene			1.2E-06	1.5E-07	

Table H-193 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
trans-1,3-Dichloropropene			6.0E-10	7.5E-11	
Trichloroethene			6.5E-05	1.3E-11	
Trichlorofluoromethane			1.2E-09	1.6E-10	
Vinyl chloride			7.1E-08	8.8E-09	

Table H-194 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			8.4E-07	1.0E-07	
Aldehydes					
Acetaldehyde			1.4E-06	1.8E-07	
Formaldehyde			5.7E-03	7.7E-08	
Propionaldehyde		2.2E-15	1.6E-07	2.0E-08	1.7E-14
CO					
Carbon monoxide			4.5E-05	5.6E-06	
CO2					
Carbon dioxide			1.4E-06	1.8E-07	
Criteria					
Sulfur Dioxide			3.8E-07	4.7E-08	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	2.2E-15	8.5E-15	8.5E-13	1.1E-13	4.2E-19
1,2,3,4,6,7,8-HpCDF	2.2E-15	8.6E-15	8.6E-13	1.1E-13	4.2E-19
1,2,3,4,7,8,9-HpCDF	2.5E-16	9.9E-16	1.1E-13	1.4E-14	4.8E-20
1,2,3,4,7,8-HxCDD	2.5E-16	9.7E-16	1.0E-13	1.3E-14	4.7E-20
1,2,3,4,7,8-HxCDF	2.0E-15	7.7E-15	8.3E-13	1.0E-13	3.8E-19
1,2,3,6,7,8-HxCDD	5.0E-16	2.0E-15	2.1E-13	2.7E-14	9.7E-20
1,2,3,6,7,8-HxCDF	6.4E-16	2.5E-15	2.7E-13	3.4E-14	1.2E-19
1,2,3,7,8,9-HxCDD	7.9E-16	3.1E-15	3.2E-13	4.1E-14	1.5E-19
1,2,3,7,8,9-HxCDF	4.6E-17	1.8E-16	2.1E-14	2.6E-15	8.8E-21

Table H-194 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	2.8E-16	1.1E-15	1.3E-13	1.6E-14	5.4E-20
1,2,3,7,8-PeCDF	3.3E-16	1.3E-15	1.8E-13	2.3E-14	6.3E-20
2,3,4,6,7,8-HxCDF	1.0E-15	3.9E-15	4.2E-13	5.2E-14	1.9E-19
2,3,4,7,8-PeCDF	7.8E-16	3.1E-15	4.1E-13	5.2E-14	1.5E-19
2,3,7,8-TCDD	5.5E-17	2.2E-16	5.2E-14	6.5E-15	7.4E-18
2,3,7,8-TCDF	1.0E-16	4.0E-16	1.9E-13	2.4E-14	2.0E-20
OCDD	1.5E-15	5.8E-15	5.6E-13	7.0E-14	2.8E-19
OCDF	5.7E-16	2.2E-15	2.1E-13	2.6E-14	1.1E-19
DNT					
2,4-Dinitrotoluene	4.0E-07	4.7E-07			2.3E-11
2,6-Dinitrotoluene	6.4E-07	7.6E-07			3.7E-11
HCN					
Hydrogen cyanide			1.6E-07	2.0E-08	
Metals					
Aluminum		7.9E-03			3.9E-07
Antimony		3.0E-07	1.0E-08	1.3E-09	1.5E-11
Arsenic	6.0E-07	1.4E-06	5.9E-10	7.4E-11	1.2E-10
Barium		4.4E-09	1.3E-07	1.6E-08	2.1E-13
Beryllium		1.0E-15	4.3E-11	5.4E-12	5.1E-20
Cadmium		8.2E-16	7.6E-10	9.5E-11	4.0E-20
Chromium		9.6E-11	6.5E-09	8.1E-10	4.7E-15
Cobalt		1.9E-05	9.8E-09	1.2E-09	9.5E-10

Table H-194 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Copper		4.5E-10	1.8E-08	2.2E-09	2.2E-14
Iron		1.7E-02			8.3E-07
Lead		1.0E-04	6.0E-09	7.5E-10	5.0E-09
Manganese		8.0E-13	5.5E-09	6.8E-10	3.9E-17
Mercury (+2)		6.4E-14	2.4E-11	2.9E-12	3.1E-18
Mercury, elemental		1.5E-08	9.8E-14	1.2E-14	2.9E-08
Methyl Mercury		3.8E-15			1.9E-19
Nickel		4.0E-04	3.5E-09	4.3E-10	2.0E-08
Phosphorus		7.5E-15	2.6E-08	3.3E-09	7.2E-14
Selenium		4.0E-17	1.7E-10	2.2E-11	2.0E-21
Silver		8.5E-13	1.1E-10	1.4E-11	4.2E-17
Thallium (Soluble Salts)		1.1E-07			5.2E-12
Titanium		8.0E-15	6.1E-11	7.6E-12	3.9E-19
Zinc		1.8E-13	1.4E-07	1.7E-08	9.0E-18
NOx					
NOx (Oxides of Nitrogen)			1.6E-06	2.0E-07	
PAHs					
1-Methylnaphthalene	2.4E-16	2.2E-16	3.3E-08	4.1E-09	2.5E-16
1-Methylphenanthrene		1.5E-13	3.9E-09	4.9E-10	7.1E-18
2,3,5-Trimethylnaphthalene		6.8E-14	1.9E-09	2.4E-10	3.3E-18
2,6-Dimethylnaphthalene		1.9E-13	5.1E-09	6.4E-10	9.1E-18
2-Methylnaphthalene	2.3E-16	2.1E-16	3.2E-08	4.0E-09	2.4E-16

Table H-194 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acenaphthylene		6.0E-13	1.9E-08	2.4E-09	2.9E-17
Acenaphthene			3.5E-09	4.3E-10	
Anthracene			6.1E-09	7.6E-10	
Benzo(a)anthracene	1.6E-07	1.4E-07	3.0E-09	3.7E-10	2.1E-09
Benzo(a)pyrene	2.6E-07	2.4E-07	1.2E-09	1.5E-10	1.2E-11
Benzo(b)fluoranthene	5.7E-07	5.1E-07	1.3E-09	1.6E-10	2.5E-11
Benzo(e)pyrene		3.4E-14	1.0E-09	1.3E-10	1.7E-18
Benzo(g,h,i)perylene		2.5E-14	7.7E-10	9.6E-11	1.2E-18
Benzo(k)fluoranthene	3.6E-08	3.3E-08	1.2E-11	1.5E-12	1.6E-12
Biphenyl		3.3E-15	1.1E-07	1.4E-08	2.0E-15
Chrysene	2.3E-07	2.1E-07	5.1E-09	6.4E-10	1.0E-11
Dibenze(a,h)anthracene	9.9E-09	9.0E-09	1.9E-10	2.3E-11	4.4E-13
Fluoranthene	6.8E-14	6.1E-14	7.5E-09	9.4E-10	3.0E-18
Fluorene			1.9E-08	2.3E-09	
Indeno(1,2,3-cd)pyrene	1.4E-07	1.3E-07	6.2E-10	7.7E-11	6.3E-12
Napthalene			1.5E-07	1.9E-08	
Perylene		1.3E-14	4.6E-10	5.8E-11	6.5E-19
Phenanthrene			3.5E-08	4.4E-09	
Pyrene	2.8E-13	2.5E-13	7.3E-09	9.1E-10	7.1E-15
Particulate					
Particulate Total Suspended Particulate		3.0E-09	2.3E-05	2.9E-06	1.5E-13
PM<10		3.8E-09	3.1E-05	3.9E-06	1.9E-13

Table H-194 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
PM<2.5		3.2E-09	2.6E-05	3.3E-06	1.6E-13
PCBs					
Dichlorobiphenyl	9.9E-16	8.3E-16	9.3E-11	1.2E-11	7.8E-17
Heptachlorobiphenyl	1.2E-16	9.8E-17	1.3E-12	1.6E-13	5.0E-18
Hexachlorobiphenyl	5.2E-16	4.4E-16	5.3E-12	6.7E-13	2.3E-17
Monochlorobiphenyl	6.9E-15	5.8E-15	6.5E-10	8.1E-11	5.4E-16
Nonachlorobiphenyl	2.0E-17	1.7E-17	1.8E-13	2.2E-14	8.8E-19
Octachlorobiphenyl	3.8E-17	3.2E-17	3.9E-13	4.9E-14	1.6E-18
Pentachlorobiphenyl	1.9E-15	1.6E-15	1.8E-11	2.3E-12	8.1E-17
Tetrachlorobiphenyl	3.8E-16	3.2E-16	3.0E-11	3.8E-12	3.0E-17
Trichlorobiphenyl	4.5E-16	3.8E-16	3.8E-11	4.8E-12	3.6E-17
Pesticides					
DDE		5.1E-08			1.6E-09
SVOCs					
1,2,4-trichlorobenzene			2.7E-10	3.4E-11	
1,2-dichlorobenzene			1.1E-10	1.4E-11	
1,3-Butadiene			3.2E-05		
1,3-dichlorobenzene			1.6E-10	2.0E-11	
1,4-dichlorobenzene			1.5E-09	1.9E-10	
1,4-Dioxane			7.3E-05		
2,4-Dimethylphenol			2.4E-08	3.0E-09	
2-Chlorophenol			4.7E-09	5.9E-10	

Table H-194 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Methylphenol			5.6E-08	7.0E-09	
2-Nitrophenol			7.6E-09	9.4E-10	
3-Methylphenol & 4-Methylphenol		3.7E-12	1.0E-07	1.3E-08	1.8E-16
4-Nitrophenol			1.3E-08	1.6E-09	
Acetophenone			1.2E-07	1.5E-08	
Benzoic acid			5.4E-07	6.7E-08	
Benzyl alcohol			4.5E-09	5.6E-10	
bis(2-Ethylhexyl) phthalate	6.7E-12	8.0E-12	1.9E-07	2.4E-08	3.9E-16
Butyl benzyl phthalate	3.3E-15	3.8E-15	6.0E-09	7.5E-10	1.9E-19
Carbazole		1.4E-14	1.7E-10	2.1E-11	6.9E-19
Dibenzofuran	1.4E-16	5.7E-16	9.5E-09	1.2E-09	2.4E-16
Dimethyl phthalate			3.3E-10	4.2E-11	
Di-n-butyl phthalate	3.3E-15	3.9E-15	9.2E-09	1.1E-09	1.9E-19
Di-n-octyl phthalate	9.4E-15	1.1E-14	6.4E-10	8.0E-11	5.5E-19
Hexachlorobutadiene			4.4E-08	5.5E-09	
Isopropanol			8.2E-04		
Phenol			3.0E-07	3.8E-08	
Pyridine			2.9E-08	3.6E-09	
TRS					
Total Reduced Sulfur			2.9E-07	3.6E-08	
VOCs					
1,1,1,2-Tetrachloroethane			1.3E-10	1.7E-11	

Table H-194 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,1,1-Trichloroethane			1.3E-10	1.7E-11	
1,1-Dichloroethene			2.6E-11	3.2E-12	
1,2,3-Trichlorobenzene			5.3E-10	6.7E-11	
1,2,3-Trichloropropane			1.1E-10	1.4E-11	
1,2,4-Trimethylbenzene			6.2E-09	7.8E-10	
1,2-Dibromoethane			6.9E-11	8.6E-12	
1,2-Dichloroethane			3.4E-05	1.0E-06	
1,3,5-Trimethylbenzene			5.9E-09	7.3E-10	
1,3-Dichloropropane			6.7E-11	8.4E-12	
2-Butanone			3.3E-08	4.1E-09	
2-Chlorotoluene			1.5E-09	1.8E-10	
2-Hexanone			6.8E-09	8.4E-10	
Benzene			8.4E-05	9.7E-06	
Bromobenzene			3.7E-08	4.7E-09	
Bromochloromethane			8.8E-11	1.1E-11	
Bromodichloromethane			9.5E-11	1.2E-11	
Bromomethane			3.8E-09	4.8E-10	
Carbon disulfide			3.3E-09	4.2E-10	
Carbon tetrachloride			1.5E-04	1.5E-05	
Chlorobenzene			4.8E-09	6.0E-10	
Chlorodibromomethane			2.4E-09	3.0E-10	
Chloroethane			9.1E-09	1.1E-09	

Table H-194 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Chloroform			2.5E-05	2.4E-06	
Chloromethane			3.1E-08	3.9E-09	
cis-1,2-Dichloroethene			4.0E-09	5.0E-10	
cis-1,3-Dichloropropene			2.4E-11	3.0E-12	
Dibromomethane			2.0E-10	2.5E-11	
Dichlorodifluoromethane			2.5E-10	3.1E-11	
Ethylbenzene			9.6E-05	2.4E-08	
Isopropylbenzene			1.6E-08	2.0E-09	
m&p-Xylene			3.6E-08	4.6E-09	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.6E-10	4.5E-11	
Methylene chloride			1.8E-08	2.3E-09	
n-Butylbenzene			7.8E-09	9.7E-10	
n-Propylbenzene			9.4E-09	1.2E-09	
o-Xylene			2.3E-08	2.9E-09	
p-Chlorotoluene			5.5E-10	6.9E-11	
p-Isopropyltoluene			3.8E-09	4.8E-10	
sec-Butylbenzene			1.4E-09	1.8E-10	
Styrene			5.1E-07	6.4E-08	
tert-Butylbenzene			4.6E-08	5.7E-09	
Tetrachloroethene			1.2E-10	1.5E-11	
Toluene			3.2E-07	3.9E-08	
trans-1,2-Dichloroethene			8.4E-08	1.1E-08	

Table H-194 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
trans-1,3-Dichloropropene			4.2E-11	5.3E-12	
Trichloroethene			4.6E-06	9.1E-13	
Trichlorofluoromethane			8.7E-11	1.1E-11	
Vinyl chloride			5.0E-09	6.2E-10	

Table H-195 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						1.2E-05	2.8E-05	1.5E-06	1.5E-06		
Aldehydes											
Acetaldehyde	1.3E-15					2.1E-05	4.8E-05	2.6E-06	2.6E-06		
Formaldehyde	6.5E-15					8.2E-02	2.0E-05	1.1E-06	1.1E-06		
Propionaldehyde				3.2E-17	9.0E-17	2.3E-06	5.2E-06	2.8E-07	2.8E-07	2.4E-13	1.5E-12
CO											
Carbon monoxide						6.4E-04	1.5E-03	8.0E-05	8.0E-05		
CO2											
Carbon dioxide						2.0E-05	4.6E-05	2.5E-06	2.5E-06		
Criteria											
Sulfur Dioxide						5.4E-06	1.2E-05	6.8E-07	6.8E-07		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-20	1.8E-17	2.5E-17	7.0E-17	2.0E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	3.4E-18	2.1E-17
1,2,3,4,6,7,8-HpCDF	1.7E-20	1.8E-17	2.5E-17	7.1E-17	2.0E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	3.5E-18	2.1E-17
1,2,3,4,7,8,9-HpCDF	2.6E-21	2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.6E-12	3.6E-12	1.9E-13	1.9E-13	4.0E-19	2.5E-18
1,2,3,4,7,8-HxCDD	2.0E-20	2.0E-18	2.8E-18	7.9E-18	2.2E-17	1.5E-12	3.3E-12	1.8E-13	1.8E-13	3.9E-19	2.4E-18
1,2,3,4,7,8-HxCDF	1.4E-19	1.6E-17	2.2E-17	6.3E-17	1.8E-16	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.1E-18	1.9E-17
1,2,3,6,7,8-HxCDD	3.8E-20	4.1E-18	5.7E-18	1.6E-17	4.5E-17	3.1E-12	7.1E-12	3.8E-13	3.8E-13	7.9E-19	4.9E-18
1,2,3,6,7,8-HxCDF	5.1E-20	5.2E-18	7.3E-18	2.1E-17	5.8E-17	3.8E-12	8.8E-12	4.8E-13	4.8E-13	1.0E-18	6.2E-18
1,2,3,7,8,9-HxCDD	5.5E-20	6.5E-18	9.1E-18	2.6E-17	7.1E-17	4.6E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	7.7E-18
1,2,3,7,8,9-HxCDF	4.1E-21	3.7E-19	5.2E-19	1.5E-18	4.1E-18	2.9E-13	6.8E-13	3.7E-14	3.7E-14	7.2E-20	4.5E-19
1,2,3,7,8-PeCDD	1.1E-19	2.3E-18	3.2E-18	9.0E-18	2.5E-17	1.8E-12	4.3E-12	2.3E-13	2.3E-13	4.4E-19	2.7E-18
1,2,3,7,8-PeCDF	1.5E-19	2.7E-18	3.7E-18	1.1E-17	3.0E-17	2.6E-12	6.1E-12	3.3E-13	3.3E-13	5.2E-19	3.2E-18

Table H-195 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.3E-20	8.2E-18	1.1E-17	3.2E-17	9.0E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	1.6E-18	9.7E-18
2,3,4,7,8-PeCDF	2.3E-19	6.4E-18	9.0E-18	2.5E-17	7.1E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	1.2E-18	7.6E-18
2,3,7,8-TCDD	3.6E-20	4.6E-19	6.4E-19	1.8E-18	5.1E-18	7.4E-13	1.7E-12	9.3E-14	9.3E-14	6.2E-17	3.8E-16
2,3,7,8-TCDF	1.1E-19	8.4E-19	1.2E-18	3.3E-18	9.3E-18	2.7E-12	6.3E-12	3.4E-13	3.4E-13	1.6E-19	1.0E-18
OCDD	2.4E-22	1.2E-17	1.7E-17	4.7E-17	1.3E-16	8.0E-12	1.9E-11	1.0E-12	1.0E-12	2.3E-18	1.4E-17
OCDF	8.8E-23	4.6E-18	6.5E-18	1.8E-17	5.1E-17	3.0E-12	7.0E-12	3.8E-13	3.8E-13	9.0E-19	5.5E-18
DNT											
2,4-Dinitrotoluene		5.7E-09		6.8E-09						3.3E-10	
2,6-Dinitrotoluene		9.1E-09		1.1E-08						5.3E-10	
HCN											
Hydrogen cyanide						2.3E-06	5.2E-06	2.8E-07	2.8E-07		
Metals											
Aluminum				1.1E-04	2.8E-04					5.5E-06	3.0E-05
Antimony	2.2E-19			4.3E-09	2.1E-08	1.5E-07	3.4E-07	1.9E-08	1.9E-08	2.1E-10	2.2E-09
Arsenic	1.2E-17	8.5E-09	3.3E-09	2.0E-08	1.6E-08	8.5E-09	2.0E-08	1.1E-09	1.1E-09	1.6E-09	2.8E-09
Barium	3.1E-14			3.9E-11	1.1E-10	1.8E-06	4.2E-06	2.2E-07	2.2E-07	1.9E-12	1.2E-11
Beryllium	4.7E-19			1.5E-17	4.2E-17	6.1E-10	1.4E-09	7.7E-11	7.7E-11	7.3E-19	4.5E-18
Cadmium	1.2E-16			1.2E-17	3.3E-17	1.1E-08	2.5E-08	1.4E-09	1.4E-09	5.7E-19	3.5E-18
Chromium	3.5E-17			1.0E-12	2.8E-12	9.2E-08	2.1E-07	1.2E-08	1.2E-08	5.0E-14	3.1E-13
Cobalt				2.8E-07	5.3E-07	1.4E-07	3.2E-07	1.8E-08	1.8E-08	1.4E-08	5.7E-08
Copper				4.2E-12	1.2E-11	2.5E-07	5.9E-07	3.2E-08	3.2E-08	2.0E-13	1.3E-12
Iron				2.4E-04	5.4E-04					1.2E-05	5.8E-05
Lead	9.9E-20			1.5E-06	3.3E-06	8.5E-08	2.0E-07	1.1E-08	1.1E-08	7.2E-08	3.5E-07
Manganese				1.1E-14	3.2E-14	7.8E-08	1.8E-07	9.7E-09	9.7E-09	5.6E-16	3.4E-15

Table H-195 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				4.6E-16	1.3E-15	3.4E-10	7.8E-10	4.2E-11	4.2E-11	2.2E-17	1.4E-16
Mercury, elemental				2.1E-10	6.3E-10	1.4E-12	3.2E-12	1.8E-13	1.8E-13	4.1E-07	2.5E-06
Methyl Mercury	1.2E-16			2.7E-17	7.6E-17					1.3E-18	8.2E-18
Nickel	4.7E-17			5.7E-06	1.0E-05	5.0E-08	1.1E-07	6.2E-09	6.2E-09	2.8E-07	1.1E-06
Phosphorus				1.1E-16	3.0E-16	3.8E-07	8.7E-07	4.7E-08	4.7E-08	1.0E-12	6.4E-12
Selenium	3.9E-18			5.8E-19	1.6E-18	2.5E-09	5.8E-09	3.1E-10	3.1E-10	2.8E-20	1.7E-19
Silver	2.9E-18			1.1E-14	3.0E-14	1.6E-09	3.8E-09	2.0E-10	2.0E-10	5.2E-16	3.2E-15
Thallium (Soluble Salts)				1.5E-09	2.4E-09					7.5E-11	2.6E-10
Titanium				1.1E-16	3.2E-16	8.7E-10	2.0E-09	1.1E-10	1.1E-10	5.6E-18	3.5E-17
Zinc	5.8E-14			2.6E-15	7.4E-15	2.0E-06	4.5E-06	2.4E-07	2.4E-07	1.3E-16	8.0E-16
NOx											
NOx (Oxides of Nitrogen)						2.2E-05	5.2E-05	2.8E-06	2.8E-06		
PAHs											
1-Methylnaphthalene		3.4E-18	4.8E-18	3.1E-18	8.7E-18	4.7E-07	1.1E-06	5.9E-08	5.9E-08	3.5E-15	2.2E-14
1-Methylphenanthrene				2.1E-15	5.8E-15	5.6E-08	1.3E-07	7.0E-09	7.0E-09	1.0E-16	6.3E-16
2,3,5-Trimethylnaphthalene				9.7E-16	2.7E-15	2.8E-08	6.4E-08	3.5E-09	3.5E-09	4.8E-17	2.9E-16
2,6-Dimethylnaphthalene				2.7E-15	7.4E-15	7.4E-08	1.7E-07	9.2E-09	9.2E-09	1.3E-16	8.0E-16
2-Methylnaphthalene		3.3E-18	4.6E-18	3.0E-18	8.4E-18	4.6E-07	1.1E-06	5.7E-08	5.7E-08	3.4E-15	2.1E-14
Acenaphthylene				8.5E-15	2.4E-14	2.7E-07	6.2E-07	3.4E-08	3.4E-08	4.2E-16	2.6E-15
Acenaphthene	4.8E-17					4.9E-08	1.1E-07	6.2E-09	6.2E-09		
Anthracene	6.1E-16					8.7E-08	2.0E-07	1.1E-08	1.1E-08		
Benzo(a)anthracene	8.8E-14	2.2E-09	7.3E-09	2.0E-09	1.3E-08	4.3E-08	9.9E-08	5.3E-09	5.3E-09	3.1E-08	1.9E-07
Benzo(a)pyrene	4.4E-14	3.8E-09	8.0E-09	3.4E-09	1.5E-08	1.7E-08	3.9E-08	2.1E-09	2.1E-09	1.7E-10	1.6E-09
Benzo(b)fluoranthene	1.2E-14	8.1E-09	1.1E-08	7.3E-09	2.0E-08	1.9E-08	4.3E-08	2.3E-09	2.3E-09	3.6E-10	2.2E-09

Table H-195 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				4.9E-16	1.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	2.4E-17	1.5E-16
Benzo(g,h,i)perylene				3.6E-16	1.0E-15	1.1E-08	2.5E-08	1.4E-09	1.4E-09	1.8E-17	1.1E-16
Benzo(k)fluoranthene	9.8E-17	5.2E-10	5.7E-09	4.7E-10	1.0E-08	1.7E-10	3.8E-10	2.1E-11	2.1E-11	2.3E-11	1.1E-09
Biphenyl				4.8E-17	1.3E-16	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.8E-14	1.7E-13
Chrysene	1.5E-14	3.2E-09	8.2E-09	2.9E-09	1.5E-08	7.3E-08	1.7E-07	9.1E-09	9.1E-09	1.4E-10	1.6E-09
Dibenzo(a,h)anthracene	2.2E-15	1.4E-10	2.0E-09	1.3E-10	3.6E-09	2.7E-09	6.1E-09	3.3E-10	3.3E-10	6.3E-12	3.9E-10
Fluoranthene	4.0E-15	9.1E-16	1.3E-15	8.3E-16	2.3E-15	1.1E-07	2.5E-07	1.3E-08	1.3E-08	4.0E-17	2.5E-16
Fluorene	8.7E-16					2.7E-07	6.2E-07	3.3E-08	3.3E-08		
Indeno(1,2,3-cd)pyrene	5.5E-15	2.0E-09	5.2E-09	1.8E-09	9.5E-09	8.8E-09	2.0E-08	1.1E-09	1.1E-09	9.0E-11	1.0E-09
Napthalene	4.0E-16					2.1E-06	4.9E-06	2.7E-07	2.7E-07		
Perylene				1.9E-16	5.3E-16	6.6E-09	1.5E-08	8.2E-10	8.2E-10	9.2E-18	5.7E-17
Phenanthrene	4.2E-15					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
Pyrene	2.9E-15	3.1E-15	4.3E-15	2.8E-15	7.8E-15	1.0E-07	2.4E-07	1.3E-08	1.3E-08	7.8E-14	4.8E-13
Particulate											
Particulate Total Suspended Particulate				4.3E-11	1.2E-10	3.3E-04	7.7E-04	4.2E-05	4.2E-05	2.1E-12	1.3E-11
PM<10				5.5E-11	1.5E-10	4.4E-04	1.0E-03	5.5E-05	5.5E-05	2.7E-12	1.7E-11
PM<2.5				4.5E-11	1.3E-10	3.8E-04	8.7E-04	4.7E-05	4.7E-05	2.2E-12	1.4E-11
PCBs											
Dichlorobiphenyl	8.7E-17	8.2E-18	1.2E-17	7.0E-18	1.9E-17	1.3E-09	3.1E-09	1.7E-10	1.7E-10	6.5E-16	4.0E-15
Heptachlorobiphenyl	3.3E-18	9.5E-19	1.3E-18	8.1E-19	2.3E-18	1.8E-11	4.2E-11	2.3E-12	2.3E-12	4.1E-17	2.5E-16
Hexachlorobiphenyl	1.3E-17	4.3E-18	6.0E-18	3.6E-18	1.0E-17	7.6E-11	1.8E-10	9.5E-12	9.5E-12	1.9E-16	1.1E-15
Monochlorobiphenyl	6.1E-16	5.7E-17	8.0E-17	4.8E-17	1.4E-16	9.2E-09	2.1E-08	1.2E-09	1.2E-09	4.5E-15	2.8E-14
Nonachlorobiphenyl	4.1E-19	1.7E-19	2.4E-19	1.4E-19	4.0E-19	2.6E-12	5.9E-12	3.2E-13	3.2E-13	7.2E-18	4.5E-17
Octachlorobiphenyl	9.7E-19	3.1E-19	4.3E-19	2.6E-19	7.3E-19	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.3E-17	8.2E-17

Table H-195 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	4.4E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	2.6E-10	6.0E-10	3.3E-11	3.3E-11	6.7E-16	4.1E-15
Tetrachlorobiphenyl	2.6E-17	3.1E-18	4.4E-18	2.7E-18	7.4E-18	4.3E-10	9.9E-10	5.4E-11	5.4E-11	2.5E-16	1.5E-15
Trichlorobiphenyl	3.4E-17	3.8E-18	5.3E-18	3.2E-18	8.9E-18	5.5E-10	1.3E-09	6.8E-11	6.8E-11	3.0E-16	1.8E-15
Pesticides											
DDE				7.3E-10	3.1E-09					2.3E-08	1.4E-07
Dieldrin			1.4E-10		3.4E-10						3.6E-11
SVOCs											
1,2,4-trichlorobenzene						3.9E-09	8.9E-09	4.8E-10	4.8E-10		
1,2-dichlorobenzene	3.9E-20					1.6E-09	3.6E-09	1.9E-10	1.9E-10		
1,3-Butadiene						4.6E-04					
1,3-dichlorobenzene	9.9E-20					2.3E-09	5.4E-09	2.9E-10	2.9E-10		
1,4-dichlorobenzene	1.3E-18					2.2E-08	5.0E-08	2.7E-09	2.7E-09		
1,4-Dioxane						1.0E-03					
2,4-Dimethylphenol	3.6E-17					3.4E-07	7.8E-07	4.2E-08	4.2E-08		
2-Chlorophenol	1.8E-18					6.8E-08	1.6E-07	8.5E-09	8.5E-09		
2-Methylphenol	7.5E-16					8.0E-07	1.8E-06	9.9E-08	9.9E-08		
2-Nitrophenol	4.6E-18					1.1E-07	2.5E-07	1.3E-08	1.3E-08		
3-Methylphenol & 4-Methylphenol				5.3E-14	1.5E-13	1.4E-06	3.3E-06	1.8E-07	1.8E-07	2.6E-15	1.6E-14
4-Nitrophenol	9.3E-18					1.8E-07	4.1E-07	2.2E-08	2.2E-08		
Acetophenone	5.6E-17					1.7E-06	3.9E-06	2.1E-07	2.1E-07		
Benzoic acid	2.3E-16					7.7E-06	1.8E-05	9.6E-07	9.6E-07		
Benzyl alcohol	1.4E-19					6.4E-08	1.5E-07	8.0E-09	8.0E-09		
bis(2-Ethylhexyl) phthalate	7.0E-15	9.6E-14	1.3E-13	1.1E-13	3.2E-13	2.7E-06	6.3E-06	3.4E-07	3.4E-07	5.6E-15	3.4E-14
Butyl benzyl phthalate	2.5E-15	4.7E-17	6.5E-17	5.5E-17	1.5E-16	8.5E-08	2.0E-07	1.1E-08	1.1E-08	2.7E-18	1.7E-17

Table H-195 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Carbazole				2.0E-16	5.6E-16	2.4E-09	5.5E-09	3.0E-10	3.0E-10	9.8E-18	6.0E-17
Dibenzofuran		2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.4E-07	3.1E-07	1.7E-08	1.7E-08	3.5E-15	2.1E-14
Dimethyl phthalate	9.2E-19					4.8E-09	1.1E-08	5.9E-10	5.9E-10		
Di-n-butyl phthalate	2.4E-14	4.6E-17	6.5E-17	5.5E-17	1.5E-16	1.3E-07	3.0E-07	1.6E-08	1.6E-08	2.7E-18	1.7E-17
Di-n-octyl phthalate	1.8E-19	1.3E-16	1.9E-16	1.6E-16	4.4E-16	9.2E-09	2.1E-08	1.1E-09	1.1E-09	7.8E-18	4.8E-17
Hexachlorobutadiene	9.6E-17					6.3E-07	1.5E-06	7.9E-08	7.9E-08		
Isopropanol						1.2E-02	3.2E-02				
p-Chloroaniline			4.7E-09		1.1E-08						1.2E-09
Phenol	2.1E-15					4.3E-06	9.9E-06	5.4E-07	5.4E-07		
Pyridine	1.1E-16					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
TRS											
Total Reduced Sulfur						4.2E-06	9.6E-06	5.2E-07	5.2E-07		
VOCs											
1,1,1,2-Tetrachloroethane	3.8E-20					1.9E-09	4.5E-09	2.4E-10	2.4E-10		
1,1,1-Trichloroethane	2.5E-21					1.9E-09	4.4E-09	2.4E-10	2.4E-10		
1,1-Dichloroethene	8.5E-23					3.7E-10	8.6E-10	4.6E-11	4.6E-11		
1,2,3-Trichlorobenzene	2.7E-18					7.6E-09	1.8E-08	9.5E-10	9.5E-10		
1,2,3-Trichloropropane	1.5E-20					1.5E-09	3.6E-09	1.9E-10	1.9E-10		
1,2,4-Trimethylbenzene						8.9E-08	2.1E-07	1.1E-08	1.1E-08		
1,2-Dibromoethane	5.3E-21					9.9E-10	2.3E-09	1.2E-10	1.2E-10		
1,2-Dichloroethane	1.7E-19					4.9E-04	6.3E-04	1.4E-05	1.4E-05		
1,3,5-Trimethylbenzene	8.6E-19					8.4E-08	1.9E-07	1.0E-08	1.0E-08		
1,3-Dichloropropane						9.6E-10	2.2E-09	1.2E-10	1.2E-10		
2-Butanone	3.5E-17					4.7E-07	1.1E-06	5.9E-08	5.9E-08		

Table H-195 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2-Chlorotoluene						2.1E-08	4.9E-08	2.6E-09	2.6E-09		
2-Hexanone						9.7E-08	2.2E-07	1.2E-08	1.2E-08		
Benzene	2.8E-17					1.2E-03	3.8E-03	1.4E-04	1.4E-04		
Bromobenzene						5.3E-07	1.2E-06	6.6E-08	6.6E-08		
Bromochloromethane						1.3E-09	2.9E-09	1.6E-10	1.6E-10		
Bromodichloromethane	4.5E-21					1.4E-09	4.8E-03	1.7E-10	1.7E-10		
Bromoform							2.2E-02				
Bromomethane	1.9E-20					5.4E-08	1.3E-07	6.8E-09	6.8E-09		
Carbon disulfide	1.8E-20					4.8E-08	1.1E-07	6.0E-09	6.0E-09		
Carbon tetrachloride	1.9E-21					2.1E-03	5.6E-03	2.2E-04	2.2E-04		
Chlorobenzene	6.7E-19					6.9E-08	1.6E-07	8.6E-09	8.6E-09		
Chlorodibromomethane	2.6E-19					3.4E-08	7.8E-08	4.2E-09	4.2E-09		
Chloroethane	5.3E-20					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
Chloroform	4.0E-20					3.6E-04	1.1E-02	3.4E-05	3.4E-05		
Chloromethane	1.4E-19					4.4E-07	1.0E-06	5.5E-08	5.5E-08		
cis-1,2-Dichloroethene	5.4E-20					5.7E-08	1.3E-07	7.1E-09	7.1E-09		
cis-1,3-Dichloropropene						3.5E-10	8.0E-10	4.3E-11	4.3E-11		
Dibromomethane	6.0E-21					2.9E-09	6.7E-09	3.6E-10	3.6E-10		
Dichlorodifluoromethane	6.7E-23					3.6E-09	8.2E-09	4.4E-10	4.4E-10		
Ethylbenzene	2.1E-17					1.4E-03	3.2E-03	3.5E-07	3.5E-07		
Isopropylbenzene	2.8E-20					2.3E-07	5.2E-07	2.8E-08	2.8E-08		
m&p-Xylene	3.4E-18					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Methyl Isobutyl Ketone (4-methyl-2-per	3.4E-20					5.1E-09	1.2E-08	6.4E-10	6.4E-10		
Methylene chloride	3.7E-19					2.6E-07	6.0E-07	3.2E-08	3.2E-08		

Table H-195 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
n-Butylbenzene						1.1E-07	2.6E-07	1.4E-08	1.4E-08		
n-Propylbenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08		
o-Xylene	4.0E-18					3.3E-07	7.6E-07	4.1E-08	4.1E-08		
p-Chlorotoluene						7.9E-09	1.8E-08	9.9E-10	9.9E-10		
p-Isopropyltoluene						5.5E-08	1.3E-07	6.9E-09	6.9E-09		
sec-Butylbenzene						2.0E-08	4.7E-08	2.5E-09	2.5E-09		
Styrene	1.3E-16					7.3E-06	1.7E-05	9.1E-07	9.1E-07		
tert-Butylbenzene						6.5E-07	1.5E-06	8.2E-08	8.2E-08		
Tetrachloroethene	9.4E-21					1.7E-09	4.0E-09	2.2E-10	2.2E-10		
Toluene	2.2E-17					4.5E-06	1.0E-05	5.6E-07	5.6E-07		
trans-1,2-Dichloroethene	8.4E-19					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
trans-1,3-Dichloropropene						6.0E-10	1.4E-09	7.5E-11	7.5E-11		
Trichloroethene	9.7E-23					6.5E-05	6.4E-03	1.3E-11	1.3E-11		
Trichlorofluoromethane	1.5E-22					1.2E-09	2.9E-09	1.6E-10	1.6E-10		
Vinyl chloride	6.9E-21					7.1E-08	1.6E-07	8.8E-09	8.8E-09		

Table H-196 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					5.7E-03	1.4E-06	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19

Table H-196 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
DNT											
2,4-Dinitrotoluene		4.0E-07		4.7E-07						2.3E-11	
2,6-Dinitrotoluene		6.4E-07		7.6E-07						3.7E-11	
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				7.9E-03	2.0E-02					3.9E-07	2.1E-06
Antimony	1.6E-17			3.0E-07	1.4E-06	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.5E-11	1.5E-10
Arsenic	8.1E-16	6.0E-07	2.3E-07	1.4E-06	1.1E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	1.2E-10	2.0E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				1.9E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	9.5E-10	4.0E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				1.7E-02	3.7E-02					8.3E-07	4.0E-06
Lead	6.9E-18			1.0E-04	2.3E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.0E-09	2.5E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16

Table H-196 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				1.5E-08	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	2.9E-08	1.8E-07
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18
Nickel	3.3E-15			4.0E-04	7.1E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.0E-08	7.7E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Thallium (Soluble Salts)				1.1E-07	1.7E-07					5.2E-12	1.8E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	1.6E-07	5.1E-07	1.4E-07	9.3E-07	3.0E-09	6.9E-09	3.7E-10	3.7E-10	2.1E-09	1.3E-08
Benzo(a)pyrene	3.1E-12	2.6E-07	5.6E-07	2.4E-07	1.0E-06	1.2E-09	2.7E-09	1.5E-10	1.5E-10	1.2E-11	1.1E-10
Benzo(b)fluoranthene	8.3E-13	5.7E-07	7.9E-07	5.1E-07	1.4E-06	1.3E-09	3.0E-09	1.6E-10	1.6E-10	2.5E-11	1.5E-10

Table H-196 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	3.6E-08	4.0E-07	3.3E-08	7.2E-07	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.6E-12	7.8E-11
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.3E-07	5.7E-07	2.1E-07	1.0E-06	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.0E-11	1.1E-10
Dibenzo(a,h)anthracene	1.6E-13	9.9E-09	1.4E-07	9.0E-09	2.5E-07	1.9E-10	4.3E-10	2.3E-11	2.3E-11	4.4E-13	2.7E-11
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.4E-07	3.6E-07	1.3E-07	6.6E-07	6.2E-10	1.4E-09	7.7E-11	7.7E-11	6.3E-12	7.1E-11
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17

Table H-196 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16
Pesticides											
DDE				5.1E-08	2.2E-07					1.6E-09	1.0E-08
Dieldrin			1.0E-08		2.4E-08						2.5E-12
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						3.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
1,4-Dioxane						7.3E-05					
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18

Table H-196 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						8.2E-04	2.3E-03				
p-Chloroaniline			3.3E-07		7.7E-07						8.4E-11
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					3.4E-05	4.4E-05	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		

Table H-196 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.4E-05	2.7E-04	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	3.4E-04	1.2E-11	1.2E-11		
Bromoform							1.5E-03				
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.5E-04	3.9E-04	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					2.5E-05	7.9E-04	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					9.6E-05	2.2E-04	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		

Table H-196 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					4.6E-06	4.5E-04	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10		

Table H-197 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						1.2E-05	2.8E-05	1.5E-06	1.5E-06		
Aldehydes											
Acetaldehyde	1.3E-15					2.1E-05	4.8E-05	2.6E-06	2.6E-06		
Formaldehyde	6.5E-15					8.2E-02	5.7E-01	1.1E-06	1.1E-06		
Propionaldehyde				3.2E-17	9.0E-17	2.3E-06	5.2E-06	2.8E-07	2.8E-07	2.4E-13	1.5E-12
CO											
Carbon monoxide						6.4E-04	1.5E-03	8.0E-05	8.0E-05		
CO2											
Carbon dioxide						2.0E-05	4.6E-05	2.5E-06	2.5E-06		
Criteria											
Sulfur Dioxide						5.4E-06	1.2E-05	6.8E-07	6.8E-07		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-20	1.8E-17	2.5E-17	7.0E-17	2.0E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	3.4E-18	2.1E-17
1,2,3,4,6,7,8-HpCDF	1.7E-20	1.8E-17	2.5E-17	7.1E-17	2.0E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	3.5E-18	2.1E-17
1,2,3,4,7,8,9-HpCDF	2.6E-21	2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.6E-12	3.6E-12	1.9E-13	1.9E-13	4.0E-19	2.5E-18
1,2,3,4,7,8-HxCDD	2.0E-20	2.0E-18	2.8E-18	7.9E-18	2.2E-17	1.5E-12	3.3E-12	1.8E-13	1.8E-13	3.9E-19	2.4E-18
1,2,3,4,7,8-HxCDF	1.4E-19	1.6E-17	2.2E-17	6.3E-17	1.8E-16	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.1E-18	1.9E-17
1,2,3,6,7,8-HxCDD	3.8E-20	4.1E-18	5.7E-18	1.6E-17	4.5E-17	3.1E-12	7.1E-12	3.8E-13	3.8E-13	7.9E-19	4.9E-18
1,2,3,6,7,8-HxCDF	5.1E-20	5.2E-18	7.3E-18	2.1E-17	5.8E-17	3.8E-12	8.8E-12	4.8E-13	4.8E-13	1.0E-18	6.2E-18
1,2,3,7,8,9-HxCDD	5.5E-20	6.5E-18	9.1E-18	2.6E-17	7.1E-17	4.6E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	7.7E-18
1,2,3,7,8,9-HxCDF	4.1E-21	3.7E-19	5.2E-19	1.5E-18	4.1E-18	2.9E-13	6.8E-13	3.7E-14	3.7E-14	7.2E-20	4.5E-19
1,2,3,7,8-PeCDD	1.1E-19	2.3E-18	3.2E-18	9.0E-18	2.5E-17	1.8E-12	4.3E-12	2.3E-13	2.3E-13	4.4E-19	2.7E-18
1,2,3,7,8-PeCDF	1.5E-19	2.7E-18	3.7E-18	1.1E-17	3.0E-17	2.6E-12	6.1E-12	3.3E-13	3.3E-13	5.2E-19	3.2E-18

Table H-197 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.3E-20	8.2E-18	1.1E-17	3.2E-17	9.0E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	1.6E-18	9.7E-18
2,3,4,7,8-PeCDF	2.3E-19	6.4E-18	9.0E-18	2.5E-17	7.1E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	1.2E-18	7.6E-18
2,3,7,8-TCDD	3.6E-20	4.6E-19	6.4E-19	1.8E-18	5.1E-18	7.4E-13	1.7E-12	9.3E-14	9.3E-14	6.2E-17	3.8E-16
2,3,7,8-TCDF	1.1E-19	8.4E-19	1.2E-18	3.3E-18	9.3E-18	2.7E-12	6.3E-12	3.4E-13	3.4E-13	1.6E-19	1.0E-18
OCDD	2.4E-22	1.2E-17	1.7E-17	4.7E-17	1.3E-16	8.0E-12	1.9E-11	1.0E-12	1.0E-12	2.3E-18	1.4E-17
OCDF	8.8E-23	4.6E-18	6.5E-18	1.8E-17	5.1E-17	3.0E-12	7.0E-12	3.8E-13	3.8E-13	9.0E-19	5.5E-18
DNT											
2,4-Dinitrotoluene		5.7E-09		6.8E-09						3.3E-10	
2,6-Dinitrotoluene		9.1E-09		1.1E-08						5.3E-10	
HCN											
Hydrogen cyanide						2.3E-06	5.2E-06	2.8E-07	2.8E-07		
Metals											
Aluminum				1.1E-04	3.4E-04					5.5E-06	3.7E-05
Antimony	2.2E-19			4.3E-09	6.8E-09	1.5E-07	3.4E-07	1.9E-08	1.9E-08	2.1E-10	7.4E-10
Arsenic	1.2E-17	8.5E-09	6.5E-09	2.0E-08	3.1E-08	8.5E-09	2.0E-08	1.1E-09	1.1E-09	1.6E-09	5.5E-09
Barium	3.1E-14			3.9E-11	1.1E-10	1.8E-06	4.2E-06	2.2E-07	2.2E-07	1.9E-12	1.2E-11
Beryllium	4.7E-19			1.5E-17	4.2E-17	6.1E-10	1.4E-09	7.7E-11	7.7E-11	7.3E-19	4.5E-18
Cadmium	1.2E-16			1.2E-17	3.3E-17	1.1E-08	2.5E-08	1.4E-09	1.4E-09	5.7E-19	3.5E-18
Chromium	3.5E-17			1.0E-12	2.8E-12	9.2E-08	2.1E-07	1.2E-08	1.2E-08	5.0E-14	3.1E-13
Cobalt				2.8E-07	5.3E-07	1.4E-07	3.2E-07	1.8E-08	1.8E-08	1.4E-08	5.7E-08
Copper				4.2E-12	1.2E-11	2.5E-07	5.9E-07	3.2E-08	3.2E-08	2.0E-13	1.3E-12
Iron				2.4E-04	5.7E-04					1.2E-05	6.1E-05
Lead	9.9E-20			1.5E-06	7.5E-07	8.5E-08	2.0E-07	1.1E-08	1.1E-08	7.2E-08	8.1E-08
Manganese				1.1E-14	3.2E-14	7.8E-08	1.8E-07	9.7E-09	9.7E-09	5.6E-16	3.4E-15

Table H-197 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				4.6E-16	1.3E-15	3.4E-10	7.8E-10	4.2E-11	4.2E-11	2.2E-17	1.4E-16
Mercury, elemental				2.1E-10	3.9E-10	1.4E-12	3.2E-12	1.8E-13	1.8E-13	4.1E-07	2.5E-06
Methyl Mercury	1.2E-16			2.7E-17	7.6E-17					1.3E-18	8.2E-18
Nickel	4.7E-17			5.7E-06	1.1E-05	5.0E-08	1.1E-07	6.2E-09	6.2E-09	2.8E-07	1.2E-06
Phosphorus				1.1E-16	3.0E-16	3.8E-07	8.7E-07	4.7E-08	4.7E-08	1.0E-12	6.4E-12
Selenium	3.9E-18			5.8E-19	1.6E-18	2.5E-09	5.8E-09	3.1E-10	3.1E-10	2.8E-20	1.7E-19
Silver	2.9E-18			1.1E-14	3.0E-14	1.6E-09	3.8E-09	2.0E-10	2.0E-10	5.2E-16	3.2E-15
Thallium (Soluble Salts)				1.5E-09	2.1E-09					7.5E-11	2.2E-10
Titanium				1.1E-16	3.2E-16	8.7E-10	2.0E-09	1.1E-10	1.1E-10	5.6E-18	3.5E-17
Zinc	5.8E-14			2.6E-15	7.4E-15	2.0E-06	4.5E-06	2.4E-07	2.4E-07	1.3E-16	8.0E-16
NOx											
NOx (Oxides of Nitrogen)						2.2E-05	5.2E-05	2.8E-06	2.8E-06		
PAHs											
1-Methylnaphthalene		3.4E-18	4.8E-18	3.1E-18	8.7E-18	4.7E-07	1.1E-06	5.9E-08	5.9E-08	3.5E-15	2.2E-14
1-Methylphenanthrene				2.1E-15	5.8E-15	5.6E-08	1.3E-07	7.0E-09	7.0E-09	1.0E-16	6.3E-16
2,3,5-Trimethylnaphthalene				9.7E-16	2.7E-15	2.8E-08	6.4E-08	3.5E-09	3.5E-09	4.8E-17	2.9E-16
2,6-Dimethylnaphthalene				2.7E-15	7.4E-15	7.4E-08	1.7E-07	9.2E-09	9.2E-09	1.3E-16	8.0E-16
2-Methylnaphthalene		3.3E-18	4.6E-18	3.0E-18	8.4E-18	4.6E-07	1.1E-06	5.7E-08	5.7E-08	3.4E-15	2.1E-14
Acenaphthylene				8.5E-15	2.4E-14	2.7E-07	6.2E-07	3.4E-08	3.4E-08	4.2E-16	2.6E-15
Acenaphthene	4.8E-17					4.9E-08	1.1E-07	6.2E-09	6.2E-09		
Anthracene	6.1E-16					8.7E-08	2.0E-07	1.1E-08	1.1E-08		
Benzo(a)anthracene	8.8E-14	2.2E-09	3.6E-14	2.0E-09	6.5E-14	4.3E-08	9.9E-08	5.3E-09	5.3E-09	3.1E-08	1.9E-07
Benzo(a)pyrene	4.4E-14	3.8E-09	1.6E-14	3.4E-09	3.0E-14	1.7E-08	3.9E-08	2.1E-09	2.1E-09	1.7E-10	3.2E-15
Benzo(b)fluoranthene	1.2E-14	8.1E-09	9.6E-16	7.3E-09	1.7E-15	1.9E-08	4.3E-08	2.3E-09	2.3E-09	3.6E-10	1.9E-16

Table H-197 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				4.9E-16	1.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	2.4E-17	1.5E-16
Benzo(g,h,i)perylene				3.6E-16	1.0E-15	1.1E-08	2.5E-08	1.4E-09	1.4E-09	1.8E-17	1.1E-16
Benzo(k)fluoranthene	9.8E-17	5.2E-10	1.2E-15	4.7E-10	2.2E-15	1.7E-10	3.8E-10	2.1E-11	2.1E-11	2.3E-11	2.3E-16
Biphenyl				4.8E-17	1.3E-16	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.8E-14	1.7E-13
Chrysene	1.5E-14	3.2E-09	4.7E-14	2.9E-09	8.6E-14	7.3E-08	1.7E-07	9.1E-09	9.1E-09	1.4E-10	9.3E-15
Dibenzo(a,h)anthracene	2.2E-15	1.4E-10	6.0E-15	1.3E-10	1.1E-14	2.7E-09	6.1E-09	3.3E-10	3.3E-10	6.3E-12	1.2E-15
Fluoranthene	4.0E-15	9.1E-16	1.3E-15	8.3E-16	2.3E-15	1.1E-07	2.5E-07	1.3E-08	1.3E-08	4.0E-17	2.5E-16
Fluorene	8.7E-16					2.7E-07	6.2E-07	3.3E-08	3.3E-08		
Indeno(1,2,3-cd)pyrene	5.5E-15	2.0E-09	1.7E-14	1.8E-09	3.0E-14	8.8E-09	2.0E-08	1.1E-09	1.1E-09	9.0E-11	3.3E-15
Napthalene	4.0E-16					2.1E-06	4.9E-06	2.7E-07	2.7E-07		
Perylene				1.9E-16	5.3E-16	6.6E-09	1.5E-08	8.2E-10	8.2E-10	9.2E-18	5.7E-17
Phenanthrene	4.2E-15					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
Pyrene	2.9E-15	3.1E-15	4.3E-15	2.8E-15	7.8E-15	1.0E-07	2.4E-07	1.3E-08	1.3E-08	7.8E-14	4.8E-13
Particulate											
Particulate Total Suspended Particulate				4.3E-11	1.2E-10	3.3E-04	7.7E-04	4.2E-05	4.2E-05	2.1E-12	1.3E-11
PM<10				5.5E-11	1.5E-10	4.4E-04	1.0E-03	5.5E-05	5.5E-05	2.7E-12	1.7E-11
PM<2.5				4.5E-11	1.3E-10	3.8E-04	8.7E-04	4.7E-05	4.7E-05	2.2E-12	1.4E-11
PCBs											
Dichlorobiphenyl	8.7E-17	8.2E-18	1.2E-17	7.0E-18	1.9E-17	1.3E-09	3.1E-09	1.7E-10	1.7E-10	6.5E-16	4.0E-15
Heptachlorobiphenyl	3.3E-18	9.5E-19	1.3E-18	8.1E-19	2.3E-18	1.8E-11	4.2E-11	2.3E-12	2.3E-12	4.1E-17	2.5E-16
Hexachlorobiphenyl	1.3E-17	4.3E-18	6.0E-18	3.6E-18	1.0E-17	7.6E-11	1.8E-10	9.5E-12	9.5E-12	1.9E-16	1.1E-15
Monochlorobiphenyl	6.1E-16	5.7E-17	8.0E-17	4.8E-17	1.4E-16	9.2E-09	2.1E-08	1.2E-09	1.2E-09	4.5E-15	2.8E-14
Nonachlorobiphenyl	4.1E-19	1.7E-19	2.4E-19	1.4E-19	4.0E-19	2.6E-12	5.9E-12	3.2E-13	3.2E-13	7.2E-18	4.5E-17
Octachlorobiphenyl	9.7E-19	3.1E-19	4.3E-19	2.6E-19	7.3E-19	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.3E-17	8.2E-17

Table H-197 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	4.4E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	2.6E-10	6.0E-10	3.3E-11	3.3E-11	6.7E-16	4.1E-15
Tetrachlorobiphenyl	2.6E-17	3.1E-18	4.4E-18	2.7E-18	7.4E-18	4.3E-10	9.9E-10	5.4E-11	5.4E-11	2.5E-16	1.5E-15
Trichlorobiphenyl	3.4E-17	3.8E-18	5.3E-18	3.2E-18	8.9E-18	5.5E-10	1.3E-09	6.8E-11	6.8E-11	3.0E-16	1.8E-15
Pesticides											
DDE				7.3E-10	1.1E-09					2.3E-08	1.4E-07
SVOCs											
1,2,4-trichlorobenzene						3.9E-09	8.9E-09	4.8E-10	4.8E-10		
1,2-dichlorobenzene	3.9E-20					1.6E-09	3.6E-09	1.9E-10	1.9E-10		
1,3-Butadiene						4.6E-04					
1,3-dichlorobenzene	9.9E-20					2.3E-09	5.4E-09	2.9E-10	2.9E-10		
1,4-dichlorobenzene	1.3E-18					2.2E-08	5.0E-08	2.7E-09	2.7E-09		
1,4-Dioxane						1.0E-03					
2,4-Dimethylphenol	3.6E-17					3.4E-07	7.8E-07	4.2E-08	4.2E-08		
2-Chlorophenol	1.8E-18					6.8E-08	1.6E-07	8.5E-09	8.5E-09		
2-Methylphenol	7.5E-16					8.0E-07	1.8E-06	9.9E-08	9.9E-08		
2-Nitrophenol	4.6E-18					1.1E-07	2.5E-07	1.3E-08	1.3E-08		
3-Methylphenol & 4-Methylphenol				5.3E-14	1.5E-13	1.4E-06	3.3E-06	1.8E-07	1.8E-07	2.6E-15	1.6E-14
4-Nitrophenol	9.3E-18					1.8E-07	4.1E-07	2.2E-08	2.2E-08		
Acetophenone	5.6E-17					1.7E-06	3.9E-06	2.1E-07	2.1E-07		
Benzoic acid	2.3E-16					7.7E-06	1.8E-05	9.6E-07	9.6E-07		
Benzyl alcohol	1.4E-19					6.4E-08	1.5E-07	8.0E-09	8.0E-09		
bis(2-Ethylhexyl) phthalate	7.0E-15	9.6E-14	1.3E-13	1.1E-13	3.2E-13	2.7E-06	6.3E-06	3.4E-07	3.4E-07	5.6E-15	3.4E-14
Butyl benzyl phthalate	2.5E-15	4.7E-17	6.5E-17	5.5E-17	1.5E-16	8.5E-08	2.0E-07	1.1E-08	1.1E-08	2.7E-18	1.7E-17
Carbazole				2.0E-16	5.6E-16	2.4E-09	5.5E-09	3.0E-10	3.0E-10	9.8E-18	6.0E-17

Table H-197 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Dibenzofuran		2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.4E-07	3.1E-07	1.7E-08	1.7E-08	3.5E-15	2.1E-14
Dimethyl phthalate	9.2E-19					4.8E-09	1.1E-08	5.9E-10	5.9E-10		
Di-n-butyl phthalate	2.4E-14	4.6E-17	6.5E-17	5.5E-17	1.5E-16	1.3E-07	3.0E-07	1.6E-08	1.6E-08	2.7E-18	1.7E-17
Di-n-octyl phthalate	1.8E-19	1.3E-16	1.9E-16	1.6E-16	4.4E-16	9.2E-09	2.1E-08	1.1E-09	1.1E-09	7.8E-18	4.8E-17
Hexachlorobutadiene	9.6E-17					6.3E-07	1.5E-06	7.9E-08	7.9E-08		
Isopropanol						1.2E-02					
Phenol	2.1E-15					4.3E-06	9.9E-06	5.4E-07	5.4E-07		
Pyridine	1.1E-16					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
TRS											
Total Reduced Sulfur						4.2E-06	9.6E-06	5.2E-07	5.2E-07		
VOCs											
1,1,1,2-Tetrachloroethane	3.8E-20					1.9E-09	4.5E-09	2.4E-10	2.4E-10		
1,1,1-Trichloroethane	2.5E-21					1.9E-09	4.4E-09	2.4E-10	2.4E-10		
1,1-Dichloroethene	8.5E-23					3.7E-10	8.6E-10	4.6E-11	4.6E-11		
1,2,3-Trichlorobenzene	2.7E-18					7.6E-09	1.8E-08	9.5E-10	9.5E-10		
1,2,3-Trichloropropane	1.5E-20					1.5E-09	3.6E-09	1.9E-10	1.9E-10		
1,2,4-Trimethylbenzene						8.9E-08	2.1E-07	1.1E-08	1.1E-08		
1,2-Dibromoethane	5.3E-21					9.9E-10	2.3E-09	1.2E-10	1.2E-10		
1,2-Dichloroethane	1.7E-19					4.9E-04	9.1E-08	1.4E-05	1.4E-05		
1,3,5-Trimethylbenzene	8.6E-19					8.4E-08	1.9E-07	1.0E-08	1.0E-08		
1,3-Dichloropropane						9.6E-10	2.2E-09	1.2E-10	1.2E-10		
2-Butanone	3.5E-17					4.7E-07	1.1E-06	5.9E-08	5.9E-08		
2-Chlorotoluene						2.1E-08	4.9E-08	2.6E-09	2.6E-09		
2-Hexanone						9.7E-08	2.2E-07	1.2E-08	1.2E-08		

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ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzene	2.8E-17					1.2E-03	2.9E-05	1.4E-04	1.4E-04		
Bromobenzene						5.3E-07	1.2E-06	6.6E-08	6.6E-08		
Bromochloromethane						1.3E-09	2.9E-09	1.6E-10	1.6E-10		
Bromodichloromethane	4.5E-21					1.4E-09	3.1E-09	1.7E-10	1.7E-10		
Bromomethane	1.9E-20					5.4E-08	1.3E-07	6.8E-09	6.8E-09		
Carbon disulfide	1.8E-20					4.8E-08	1.1E-07	6.0E-09	6.0E-09		
Carbon tetrachloride	1.9E-21					2.1E-03	7.2E-09	2.2E-04	2.2E-04		
Chlorobenzene	6.7E-19					6.9E-08	1.6E-07	8.6E-09	8.6E-09		
Chlorodibromomethane	2.6E-19					3.4E-08	7.8E-08	4.2E-09	4.2E-09		
Chloroethane	5.3E-20					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
Chloroform	4.0E-20					3.6E-04	6.5E-08	3.4E-05	3.4E-05		
Chloromethane	1.4E-19					4.4E-07	1.0E-06	5.5E-08	5.5E-08		
cis-1,2-Dichloroethene	5.4E-20					5.7E-08	1.3E-07	7.1E-09	7.1E-09		
cis-1,3-Dichloropropene						3.5E-10	8.0E-10	4.3E-11	4.3E-11		
Dibromomethane	6.0E-21					2.9E-09	6.7E-09	3.6E-10	3.6E-10		
Dichlorodifluoromethane	6.7E-23					3.6E-09	8.2E-09	4.4E-10	4.4E-10		
Ethylbenzene	2.1E-17					1.4E-03	6.5E-06	3.5E-07	3.5E-07		
Isopropylbenzene	2.8E-20					2.3E-07	5.2E-07	2.8E-08	2.8E-08		
m&p-Xylene	3.4E-18					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Methyl Isobutyl Ketone (4-methyl-2-per	3.4E-20					5.1E-09	1.2E-08	6.4E-10	6.4E-10		
Methylene chloride	3.7E-19					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
n-Butylbenzene						1.1E-07	2.6E-07	1.4E-08	1.4E-08		
n-Propylbenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08		
o-Xylene	4.0E-18					3.3E-07	7.6E-07	4.1E-08	4.1E-08		

Table H-197 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
p-Chlorotoluene						7.9E-09	1.8E-08	9.9E-10	9.9E-10		
p-Isopropyltoluene						5.5E-08	1.3E-07	6.9E-09	6.9E-09		
sec-Butylbenzene						2.0E-08	4.7E-08	2.5E-09	2.5E-09		
Styrene	1.3E-16					7.3E-06	1.7E-05	9.1E-07	9.1E-07		
tert-Butylbenzene						6.5E-07	1.5E-06	8.2E-08	8.2E-08		
Tetrachloroethene	9.4E-21					1.7E-09	4.0E-09	2.2E-10	2.2E-10		
Toluene	2.2E-17					4.5E-06	1.0E-05	5.6E-07	5.6E-07		
trans-1,2-Dichloroethene	8.4E-19					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
trans-1,3-Dichloropropene						6.0E-10	1.4E-09	7.5E-11	7.5E-11		
Trichloroethene	9.7E-23					6.5E-05	2.4E-10	1.3E-11	1.3E-11		
Trichlorofluoromethane	1.5E-22					1.2E-09	2.9E-09	1.6E-10	1.6E-10		
Vinyl chloride	6.9E-21					7.1E-08	1.6E-07	8.8E-09	8.8E-09		

Table H-198 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					5.7E-03	4.0E-02	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19

Table H-198 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
DNT											
2,4-Dinitrotoluene		4.0E-07		4.7E-07						2.3E-11	
2,6-Dinitrotoluene		6.4E-07		7.6E-07						3.7E-11	
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				7.9E-03	2.4E-02					3.9E-07	2.6E-06
Antimony	1.6E-17			3.0E-07	4.8E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.5E-11	5.2E-11
Arsenic	8.1E-16	6.0E-07	4.6E-07	1.4E-06	2.2E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	1.2E-10	3.9E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				1.9E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	9.5E-10	4.0E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				1.7E-02	4.0E-02					8.3E-07	4.3E-06
Lead	6.9E-18			1.0E-04	5.3E-05	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.0E-09	5.7E-09
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16

Table H-198 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				1.5E-08	2.7E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	2.9E-08	1.8E-07
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18
Nickel	3.3E-15			4.0E-04	7.9E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.0E-08	8.5E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Thallium (Soluble Salts)				1.1E-07	1.4E-07					5.2E-12	1.6E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	1.6E-07	2.8E-12	1.4E-07	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	2.1E-09	1.3E-08
Benzo(a)pyrene	3.1E-12	2.6E-07	1.2E-12	2.4E-07	2.3E-12	1.2E-09	2.7E-09	1.5E-10	1.5E-10	1.2E-11	2.4E-16
Benzo(b)fluoranthene	8.3E-13	5.7E-07	7.3E-14	5.1E-07	1.3E-13	1.3E-09	3.0E-09	1.6E-10	1.6E-10	2.5E-11	1.4E-17

Table H-198 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	3.6E-08	1.1E-13	3.3E-08	2.0E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.6E-12	2.2E-17
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.3E-07	3.8E-12	2.1E-07	7.0E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.0E-11	7.5E-16
Dibenze(a,h)anthracene	1.6E-13	9.9E-09	4.8E-13	9.0E-09	8.7E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	4.4E-13	9.4E-17
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.4E-07	1.3E-12	1.3E-07	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	6.3E-12	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17

Table H-198 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16
Pesticides											
DDE				5.1E-08	7.8E-08					1.6E-09	1.0E-08
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						3.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
1,4-Dioxane						7.3E-05					
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18

Table H-198 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						8.2E-04					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					3.4E-05	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		

Table H-198 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzene	2.0E-15					8.4E-05	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.5E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					2.5E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					9.6E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		

Table H-198 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					4.6E-06	1.7E-11	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10		

Table H-199 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						1.2E-05	2.8E-05	1.5E-06	1.5E-06		
Aldehydes											
Acetaldehyde	1.3E-15					2.1E-05	4.8E-05	2.6E-06	2.6E-06		
Formaldehyde	6.5E-15					8.2E-02	3.8E-01	1.1E-06	1.1E-06		
Propionaldehyde				3.2E-17	9.0E-17	2.3E-06	5.2E-06	2.8E-07	2.8E-07	2.4E-13	1.5E-12
CO											
Carbon monoxide						6.4E-04	1.5E-03	8.0E-05	8.0E-05		
CO2											
Carbon dioxide						2.0E-05	4.6E-05	2.5E-06	2.5E-06		
Criteria											
Sulfur Dioxide						5.4E-06	1.2E-05	6.8E-07	6.8E-07		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-20	1.8E-17	2.5E-17	7.0E-17	2.0E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	3.4E-18	2.1E-17
1,2,3,4,6,7,8-HpCDF	1.7E-20	1.8E-17	2.5E-17	7.1E-17	2.0E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	3.5E-18	2.1E-17
1,2,3,4,7,8,9-HpCDF	2.6E-21	2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.6E-12	3.6E-12	1.9E-13	1.9E-13	4.0E-19	2.5E-18
1,2,3,4,7,8-HxCDD	2.0E-20	2.0E-18	2.8E-18	7.9E-18	2.2E-17	1.5E-12	3.3E-12	1.8E-13	1.8E-13	3.9E-19	2.4E-18
1,2,3,4,7,8-HxCDF	1.4E-19	1.6E-17	2.2E-17	6.3E-17	1.8E-16	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.1E-18	1.9E-17
1,2,3,6,7,8-HxCDD	3.8E-20	4.1E-18	5.7E-18	1.6E-17	4.5E-17	3.1E-12	7.1E-12	3.8E-13	3.8E-13	7.9E-19	4.9E-18
1,2,3,6,7,8-HxCDF	5.1E-20	5.2E-18	7.3E-18	2.1E-17	5.8E-17	3.8E-12	8.8E-12	4.8E-13	4.8E-13	1.0E-18	6.2E-18
1,2,3,7,8,9-HxCDD	5.5E-20	6.5E-18	9.1E-18	2.6E-17	7.1E-17	4.6E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	7.7E-18
1,2,3,7,8,9-HxCDF	4.1E-21	3.7E-19	5.2E-19	1.5E-18	4.1E-18	2.9E-13	6.8E-13	3.7E-14	3.7E-14	7.2E-20	4.5E-19
1,2,3,7,8-PeCDD	1.1E-19	2.3E-18	3.2E-18	9.0E-18	2.5E-17	1.8E-12	4.3E-12	2.3E-13	2.3E-13	4.4E-19	2.7E-18
1,2,3,7,8-PeCDF	1.5E-19	2.7E-18	3.7E-18	1.1E-17	3.0E-17	2.6E-12	6.1E-12	3.3E-13	3.3E-13	5.2E-19	3.2E-18

Table H-199 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.3E-20	8.2E-18	1.1E-17	3.2E-17	9.0E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	1.6E-18	9.7E-18
2,3,4,7,8-PeCDF	2.3E-19	6.4E-18	9.0E-18	2.5E-17	7.1E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	1.2E-18	7.6E-18
2,3,7,8-TCDD	3.6E-20	4.6E-19	6.4E-19	1.8E-18	5.1E-18	7.4E-13	1.7E-12	9.3E-14	9.3E-14	6.2E-17	3.8E-16
2,3,7,8-TCDF	1.1E-19	8.4E-19	1.2E-18	3.3E-18	9.3E-18	2.7E-12	6.3E-12	3.4E-13	3.4E-13	1.6E-19	1.0E-18
OCDD	2.4E-22	1.2E-17	1.7E-17	4.7E-17	1.3E-16	8.0E-12	1.9E-11	1.0E-12	1.0E-12	2.3E-18	1.4E-17
OCDF	8.8E-23	4.6E-18	6.5E-18	1.8E-17	5.1E-17	3.0E-12	7.0E-12	3.8E-13	3.8E-13	9.0E-19	5.5E-18
DNT											
2,4-Dinitrotoluene		5.7E-09		6.8E-09						3.3E-10	
2,6-Dinitrotoluene		9.1E-09		1.1E-08						5.3E-10	
HCN											
Hydrogen cyanide						2.3E-06	5.2E-06	2.8E-07	2.8E-07		
Metals											
Aluminum				1.1E-04	2.7E-04					5.5E-06	3.0E-05
Antimony	2.2E-19			4.3E-09	2.4E-09	1.5E-07	3.4E-07	1.9E-08	1.9E-08	2.1E-10	2.6E-10
Arsenic	1.2E-17	8.5E-09	2.6E-09	2.0E-08	1.2E-08	8.5E-09	2.0E-08	1.1E-09	1.1E-09	1.6E-09	2.2E-09
Barium	3.1E-14			3.9E-11	1.1E-10	1.8E-06	4.2E-06	2.2E-07	2.2E-07	1.9E-12	1.2E-11
Beryllium	4.7E-19			1.5E-17	4.2E-17	6.1E-10	1.4E-09	7.7E-11	7.7E-11	7.3E-19	4.5E-18
Cadmium	1.2E-16			1.2E-17	3.3E-17	1.1E-08	2.5E-08	1.4E-09	1.4E-09	5.7E-19	3.5E-18
Chromium	3.5E-17			1.0E-12	2.8E-12	9.2E-08	2.1E-07	1.2E-08	1.2E-08	5.0E-14	3.1E-13
Cobalt				2.8E-07	9.1E-07	1.4E-07	3.2E-07	1.8E-08	1.8E-08	1.4E-08	9.8E-08
Copper				4.2E-12	1.2E-11	2.5E-07	5.9E-07	3.2E-08	3.2E-08	2.0E-13	1.3E-12
Iron				2.4E-04	6.2E-04					1.2E-05	6.6E-05
Lead	9.9E-20			1.5E-06	2.1E-06	8.5E-08	2.0E-07	1.1E-08	1.1E-08	7.2E-08	2.2E-07
Manganese				1.1E-14	3.2E-14	7.8E-08	1.8E-07	9.7E-09	9.7E-09	5.6E-16	3.4E-15

Table H-199 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				4.6E-16	1.3E-15	3.4E-10	7.8E-10	4.2E-11	4.2E-11	2.2E-17	1.4E-16
Mercury, elemental				2.1E-10	6.3E-10	1.4E-12	3.2E-12	1.8E-13	1.8E-13	4.1E-07	2.5E-06
Methyl Mercury	1.2E-16			2.7E-17	7.6E-17					1.3E-18	8.2E-18
Nickel	4.7E-17			5.7E-06	1.9E-05	5.0E-08	1.1E-07	6.2E-09	6.2E-09	2.8E-07	2.0E-06
Phosphorus				1.1E-16	3.0E-16	3.8E-07	8.7E-07	4.7E-08	4.7E-08	1.0E-12	6.4E-12
Selenium	3.9E-18			5.8E-19	1.6E-18	2.5E-09	5.8E-09	3.1E-10	3.1E-10	2.8E-20	1.7E-19
Silver	2.9E-18			1.1E-14	3.0E-14	1.6E-09	3.8E-09	2.0E-10	2.0E-10	5.2E-16	3.2E-15
Thallium (Soluble Salts)				1.5E-09						7.5E-11	
Titanium				1.1E-16	3.2E-16	8.7E-10	2.0E-09	1.1E-10	1.1E-10	5.6E-18	3.5E-17
Zinc	5.8E-14			2.6E-15	7.4E-15	2.0E-06	4.5E-06	2.4E-07	2.4E-07	1.3E-16	8.0E-16
NOx											
NOx (Oxides of Nitrogen)						2.2E-05	5.2E-05	2.8E-06	2.8E-06		
PAHs											
1-Methylnaphthalene		3.4E-18	4.8E-18	3.1E-18	8.7E-18	4.7E-07	1.1E-06	5.9E-08	5.9E-08	3.5E-15	2.2E-14
1-Methylphenanthrene				2.1E-15	5.8E-15	5.6E-08	1.3E-07	7.0E-09	7.0E-09	1.0E-16	6.3E-16
2,3,5-Trimethylnaphthalene				9.7E-16	2.7E-15	2.8E-08	6.4E-08	3.5E-09	3.5E-09	4.8E-17	2.9E-16
2,6-Dimethylnaphthalene				2.7E-15	7.4E-15	7.4E-08	1.7E-07	9.2E-09	9.2E-09	1.3E-16	8.0E-16
2-Methylnaphthalene		3.3E-18	4.6E-18	3.0E-18	8.4E-18	4.6E-07	1.1E-06	5.7E-08	5.7E-08	3.4E-15	2.1E-14
Acenaphthylene				8.5E-15	2.4E-14	2.7E-07	6.2E-07	3.4E-08	3.4E-08	4.2E-16	2.6E-15
Acenaphthene	4.8E-17					4.9E-08	1.1E-07	6.2E-09	6.2E-09		
Anthracene	6.1E-16					8.7E-08	2.0E-07	1.1E-08	1.1E-08		
Benzo(a)anthracene	8.8E-14	2.2E-09	3.6E-14	2.0E-09	6.5E-14	4.3E-08	9.9E-08	5.3E-09	5.3E-09	3.1E-08	1.9E-07
Benzo(a)pyrene	4.4E-14	3.8E-09	1.9E-09	3.4E-09	3.4E-09	1.7E-08	3.9E-08	2.1E-09	2.1E-09	1.7E-10	3.7E-10
Benzo(b)fluoranthene	1.2E-14	8.1E-09	1.7E-09	7.3E-09	3.1E-09	1.9E-08	4.3E-08	2.3E-09	2.3E-09	3.6E-10	3.3E-10

Table H-199 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				4.9E-16	1.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	2.4E-17	1.5E-16
Benzo(g,h,i)perylene				3.6E-16	1.0E-15	1.1E-08	2.5E-08	1.4E-09	1.4E-09	1.8E-17	1.1E-16
Benzo(k)fluoranthene	9.8E-17	5.2E-10	1.2E-15	4.7E-10	2.2E-15	1.7E-10	3.8E-10	2.1E-11	2.1E-11	2.3E-11	2.3E-16
Biphenyl				4.8E-17	1.3E-16	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.8E-14	1.7E-13
Chrysene	1.5E-14	3.2E-09	4.7E-14	2.9E-09	8.6E-14	7.3E-08	1.7E-07	9.1E-09	9.1E-09	1.4E-10	9.3E-15
Dibenze(a,h)anthracene	2.2E-15	1.4E-10	6.0E-15	1.3E-10	1.1E-14	2.7E-09	6.1E-09	3.3E-10	3.3E-10	6.3E-12	1.2E-15
Fluoranthene	4.0E-15	9.1E-16	1.3E-15	8.3E-16	2.3E-15	1.1E-07	2.5E-07	1.3E-08	1.3E-08	4.0E-17	2.5E-16
Fluorene	8.7E-16					2.7E-07	6.2E-07	3.3E-08	3.3E-08		
Indeno(1,2,3-cd)pyrene	5.5E-15	2.0E-09	1.7E-14	1.8E-09	3.0E-14	8.8E-09	2.0E-08	1.1E-09	1.1E-09	9.0E-11	3.3E-15
Napthalene	4.0E-16					2.1E-06	4.9E-06	2.7E-07	2.7E-07		
Perylene				1.9E-16	5.3E-16	6.6E-09	1.5E-08	8.2E-10	8.2E-10	9.2E-18	5.7E-17
Phenanthrene	4.2E-15					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
Pyrene	2.9E-15	3.1E-15	4.3E-15	2.8E-15	7.8E-15	1.0E-07	2.4E-07	1.3E-08	1.3E-08	7.8E-14	4.8E-13
Particulate											
Particulate Total Suspended Particulate				4.3E-11	1.2E-10	3.3E-04	7.7E-04	4.2E-05	4.2E-05	2.1E-12	1.3E-11
PM<10				5.5E-11	1.5E-10	4.4E-04	1.0E-03	5.5E-05	5.5E-05	2.7E-12	1.7E-11
PM<2.5				4.5E-11	1.3E-10	3.8E-04	8.7E-04	4.7E-05	4.7E-05	2.2E-12	1.4E-11
PCBs											
Dichlorobiphenyl	8.7E-17	8.2E-18	1.2E-17	7.0E-18	1.9E-17	1.3E-09	3.1E-09	1.7E-10	1.7E-10	6.5E-16	4.0E-15
Heptachlorobiphenyl	3.3E-18	9.5E-19	1.3E-18	8.1E-19	2.3E-18	1.8E-11	4.2E-11	2.3E-12	2.3E-12	4.1E-17	2.5E-16
Hexachlorobiphenyl	1.3E-17	4.3E-18	6.0E-18	3.6E-18	1.0E-17	7.6E-11	1.8E-10	9.5E-12	9.5E-12	1.9E-16	1.1E-15
Monochlorobiphenyl	6.1E-16	5.7E-17	8.0E-17	4.8E-17	1.4E-16	9.2E-09	2.1E-08	1.2E-09	1.2E-09	4.5E-15	2.8E-14
Nonachlorobiphenyl	4.1E-19	1.7E-19	2.4E-19	1.4E-19	4.0E-19	2.6E-12	5.9E-12	3.2E-13	3.2E-13	7.2E-18	4.5E-17
Octachlorobiphenyl	9.7E-19	3.1E-19	4.3E-19	2.6E-19	7.3E-19	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.3E-17	8.2E-17

Table H-199 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	4.4E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	2.6E-10	6.0E-10	3.3E-11	3.3E-11	6.7E-16	4.1E-15
Tetrachlorobiphenyl	2.6E-17	3.1E-18	4.4E-18	2.7E-18	7.4E-18	4.3E-10	9.9E-10	5.4E-11	5.4E-11	2.5E-16	1.5E-15
Trichlorobiphenyl	3.4E-17	3.8E-18	5.3E-18	3.2E-18	8.9E-18	5.5E-10	1.3E-09	6.8E-11	6.8E-11	3.0E-16	1.8E-15
Pesticides											
DDE				7.3E-10	3.9E-09					2.3E-08	1.4E-07
SVOCs											
1,2,4-trichlorobenzene						3.9E-09	8.9E-09	4.8E-10	4.8E-10		
1,2-dichlorobenzene	3.9E-20					1.6E-09	3.6E-09	1.9E-10	1.9E-10		
1,3-Butadiene						4.6E-04					
1,3-dichlorobenzene	9.9E-20					2.3E-09	5.4E-09	2.9E-10	2.9E-10		
1,4-dichlorobenzene	1.3E-18					2.2E-08	5.0E-08	2.7E-09	2.7E-09		
1,4-Dioxane						1.0E-03					
2,4-Dimethylphenol	3.6E-17					3.4E-07	7.8E-07	4.2E-08	4.2E-08		
2-Chlorophenol	1.8E-18					6.8E-08	1.6E-07	8.5E-09	8.5E-09		
2-Methylphenol	7.5E-16					8.0E-07	1.8E-06	9.9E-08	9.9E-08		
2-Nitrophenol	4.6E-18					1.1E-07	2.5E-07	1.3E-08	1.3E-08		
3-Methylphenol & 4-Methylphenol				5.3E-14	1.5E-13	1.4E-06	3.3E-06	1.8E-07	1.8E-07	2.6E-15	1.6E-14
4-Nitrophenol	9.3E-18					1.8E-07	4.1E-07	2.2E-08	2.2E-08		
Acetophenone	5.6E-17					1.7E-06	3.9E-06	2.1E-07	2.1E-07		
Benzoic acid	2.3E-16					7.7E-06	1.8E-05	9.6E-07	9.6E-07		
Benzyl alcohol	1.4E-19					6.4E-08	1.5E-07	8.0E-09	8.0E-09		
bis(2-Ethylhexyl) phthalate	7.0E-15	9.6E-14	1.3E-13	1.1E-13	3.2E-13	2.7E-06	6.3E-06	3.4E-07	3.4E-07	5.6E-15	3.4E-14
Butyl benzyl phthalate	2.5E-15	4.7E-17	6.5E-17	5.5E-17	1.5E-16	8.5E-08	2.0E-07	1.1E-08	1.1E-08	2.7E-18	1.7E-17
Carbazole				2.0E-16	5.6E-16	2.4E-09	5.5E-09	3.0E-10	3.0E-10	9.8E-18	6.0E-17

Table H-199 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Dibenzofuran		2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.4E-07	3.1E-07	1.7E-08	1.7E-08	3.5E-15	2.1E-14
Dimethyl phthalate	9.2E-19					4.8E-09	1.1E-08	5.9E-10	5.9E-10		
Di-n-butyl phthalate	2.4E-14	4.6E-17	6.5E-17	5.5E-17	1.5E-16	1.3E-07	3.0E-07	1.6E-08	1.6E-08	2.7E-18	1.7E-17
Di-n-octyl phthalate	1.8E-19	1.3E-16	1.9E-16	1.6E-16	4.4E-16	9.2E-09	2.1E-08	1.1E-09	1.1E-09	7.8E-18	4.8E-17
Hexachlorobutadiene	9.6E-17					6.3E-07	1.5E-06	7.9E-08	7.9E-08		
Isopropanol						1.2E-02					
Phenol	2.1E-15					4.3E-06	9.9E-06	5.4E-07	5.4E-07		
Pyridine	1.1E-16					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
TRS											
Total Reduced Sulfur						4.2E-06	9.6E-06	5.2E-07	5.2E-07		
VOCs											
1,1,1,2-Tetrachloroethane	3.8E-20					1.9E-09	4.5E-09	2.4E-10	2.4E-10		
1,1,1-Trichloroethane	2.5E-21					1.9E-09	4.4E-09	2.4E-10	2.4E-10		
1,1-Dichloroethene	8.5E-23					3.7E-10	8.6E-10	4.6E-11	4.6E-11		
1,2,3-Trichlorobenzene	2.7E-18					7.6E-09	1.8E-08	9.5E-10	9.5E-10		
1,2,3-Trichloropropane	1.5E-20					1.5E-09	3.6E-09	1.9E-10	1.9E-10		
1,2,4-Trimethylbenzene						8.9E-08	2.1E-07	1.1E-08	1.1E-08		
1,2-Dibromoethane	5.3E-21					9.9E-10	2.3E-09	1.2E-10	1.2E-10		
1,2-Dichloroethane	1.7E-19					4.9E-04	9.1E-08	1.4E-05	1.4E-05		
1,3,5-Trimethylbenzene	8.6E-19					8.4E-08	1.9E-07	1.0E-08	1.0E-08		
1,3-Dichloropropane						9.6E-10	2.2E-09	1.2E-10	1.2E-10		
2-Butanone	3.5E-17					4.7E-07	1.1E-06	5.9E-08	5.9E-08		
2-Chlorotoluene						2.1E-08	4.9E-08	2.6E-09	2.6E-09		
2-Hexanone						9.7E-08	2.2E-07	1.2E-08	1.2E-08		

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Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Benzene	2.8E-17					1.2E-03	2.9E-05	1.4E-04	1.4E-04		
Bromobenzene						5.3E-07	1.2E-06	6.6E-08	6.6E-08		
Bromochloromethane						1.3E-09	2.9E-09	1.6E-10	1.6E-10		
Bromodichloromethane	4.5E-21					1.4E-09	3.1E-09	1.7E-10	1.7E-10		
Bromomethane	1.9E-20					5.4E-08	1.3E-07	6.8E-09	6.8E-09		
Carbon disulfide	1.8E-20					4.8E-08	1.1E-07	6.0E-09	6.0E-09		
Carbon tetrachloride	1.9E-21					2.1E-03	7.2E-09	2.2E-04	2.2E-04		
Chlorobenzene	6.7E-19					6.9E-08	1.6E-07	8.6E-09	8.6E-09		
Chlorodibromomethane	2.6E-19					3.4E-08	7.8E-08	4.2E-09	4.2E-09		
Chloroethane	5.3E-20					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
Chloroform	4.0E-20					3.6E-04	6.5E-08	3.4E-05	3.4E-05		
Chloromethane	1.4E-19					4.4E-07	1.0E-06	5.5E-08	5.5E-08		
cis-1,2-Dichloroethene	5.4E-20					5.7E-08	1.3E-07	7.1E-09	7.1E-09		
cis-1,3-Dichloropropene						3.5E-10	8.0E-10	4.3E-11	4.3E-11		
Dibromomethane	6.0E-21					2.9E-09	6.7E-09	3.6E-10	3.6E-10		
Dichlorodifluoromethane	6.7E-23					3.6E-09	8.2E-09	4.4E-10	4.4E-10		
Ethylbenzene	2.1E-17					1.4E-03	6.5E-06	3.5E-07	3.5E-07		
Isopropylbenzene	2.8E-20					2.3E-07	5.2E-07	2.8E-08	2.8E-08		
m&p-Xylene	3.4E-18					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Methyl Isobutyl Ketone (4-methyl-2-per	3.4E-20					5.1E-09	1.2E-08	6.4E-10	6.4E-10		
Methylene chloride	3.7E-19					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
n-Butylbenzene						1.1E-07	2.6E-07	1.4E-08	1.4E-08		
n-Propylbenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08		
o-Xylene	4.0E-18					3.3E-07	7.6E-07	4.1E-08	4.1E-08		

Table H-199 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
p-Chlorotoluene						7.9E-09	1.8E-08	9.9E-10	9.9E-10		
p-Isopropyltoluene						5.5E-08	1.3E-07	6.9E-09	6.9E-09		
sec-Butylbenzene						2.0E-08	4.7E-08	2.5E-09	2.5E-09		
Styrene	1.3E-16					7.3E-06	1.7E-05	9.1E-07	9.1E-07		
tert-Butylbenzene						6.5E-07	1.5E-06	8.2E-08	8.2E-08		
Tetrachloroethene	9.4E-21					1.7E-09	4.0E-09	2.2E-10	2.2E-10		
Toluene	2.2E-17					4.5E-06	1.0E-05	5.6E-07	5.6E-07		
trans-1,2-Dichloroethene	8.4E-19					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
trans-1,3-Dichloropropene						6.0E-10	1.4E-09	7.5E-11	7.5E-11		
Trichloroethene	9.7E-23					6.5E-05	2.4E-10	1.3E-11	1.3E-11		
Trichlorofluoromethane	1.5E-22					1.2E-09	2.9E-09	1.6E-10	1.6E-10		
Vinyl chloride	6.9E-21					7.1E-08	1.6E-07	8.8E-09	8.8E-09		

Table H-200 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					5.7E-03	2.7E-02	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19	
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19	
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18	
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19	
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19	
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19	
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20	
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19	
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19	

Table H-200 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
DNT											
2,4-Dinitrotoluene		4.0E-07		4.7E-07						2.3E-11	
2,6-Dinitrotoluene		6.4E-07		7.6E-07						3.7E-11	
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				7.9E-03	1.9E-02					3.9E-07	2.1E-06
Antimony	1.6E-17			3.0E-07	1.7E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.5E-11	1.8E-11
Arsenic	8.1E-16	6.0E-07	1.8E-07	1.4E-06	8.6E-07	5.9E-10	1.4E-09	7.4E-11	7.4E-11	1.2E-10	1.6E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				1.9E-05	6.4E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	9.5E-10	6.9E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				1.7E-02	4.3E-02					8.3E-07	4.7E-06
Lead	6.9E-18			1.0E-04	1.4E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.0E-09	1.6E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16

Table H-200 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				1.5E-08	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	2.9E-08	1.8E-07
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18
Nickel	3.3E-15			4.0E-04	1.3E-03	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.0E-08	1.4E-07
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Thallium (Soluble Salts)				1.1E-07						5.2E-12	
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	1.6E-07	2.8E-12	1.4E-07	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	2.1E-09	1.3E-08
Benzo(a)pyrene	3.1E-12	2.6E-07	1.3E-07	2.4E-07	2.4E-07	1.2E-09	2.7E-09	1.5E-10	1.5E-10	1.2E-11	2.6E-11
Benzo(b)fluoranthene	8.3E-13	5.7E-07	1.2E-07	5.1E-07	2.2E-07	1.3E-09	3.0E-09	1.6E-10	1.6E-10	2.5E-11	2.3E-11

Table H-200 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	3.6E-08	1.1E-13	3.3E-08	2.0E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.6E-12	2.2E-17
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.3E-07	3.8E-12	2.1E-07	7.0E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.0E-11	7.5E-16
Dibenze(a,h)anthracene	1.6E-13	9.9E-09	4.8E-13	9.0E-09	8.7E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	4.4E-13	9.4E-17
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.4E-07	1.3E-12	1.3E-07	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	6.3E-12	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17

Table H-200 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16
Pesticides											
DDE				5.1E-08	2.8E-07					1.6E-09	1.0E-08
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						3.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
1,4-Dioxane						7.3E-05					
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18

Table H-200 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						8.2E-04					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					3.4E-05	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		

Table H-200 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Benzene	2.0E-15					8.4E-05	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.5E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					2.5E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					9.6E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		

Table H-200 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					4.6E-06	1.7E-11	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10		

Table H-201 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						1.2E-05	4.3E-04	1.5E-06	1.4E-04		
Aldehydes											
Acetaldehyde	1.3E-15					2.1E-05	7.4E-04	2.6E-06	2.5E-04		
Formaldehyde	6.5E-15					8.2E-02	2.9E-04	1.1E-06	9.7E-05		
Propionaldehyde				3.2E-17	1.0E-15	2.3E-06	8.2E-05	2.8E-07	2.7E-05	2.4E-13	1.7E-11
CO											
Carbon monoxide						6.4E-04	2.4E-02	8.0E-05	7.9E-03		
CO2											
Carbon dioxide						2.0E-05	7.2E-04	2.5E-06	2.4E-04		
Criteria											
Sulfur Dioxide						5.4E-06	1.7E-04	6.8E-07	5.8E-05		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-20	1.8E-17	3.3E-16	7.0E-17	2.6E-15	1.2E-11	4.8E-10	1.5E-12	1.6E-10	3.4E-18	2.8E-16
1,2,3,4,6,7,8-HpCDF	1.7E-20	1.8E-17	3.3E-16	7.1E-17	2.6E-15	1.2E-11	4.9E-10	1.5E-12	1.6E-10	3.5E-18	2.8E-16
1,2,3,4,7,8,9-HpCDF	2.6E-21	2.1E-18	4.0E-17	8.1E-18	3.2E-16	1.6E-12	6.3E-11	1.9E-13	2.1E-11	4.0E-19	3.4E-17
1,2,3,4,7,8-HxCDD	2.0E-20	2.0E-18	3.9E-17	7.9E-18	3.1E-16	1.5E-12	5.9E-11	1.8E-13	2.0E-11	3.9E-19	3.3E-17
1,2,3,4,7,8-HxCDF	1.4E-19	1.6E-17	3.1E-16	6.3E-17	2.4E-15	1.2E-11	4.8E-10	1.5E-12	1.6E-10	3.1E-18	2.6E-16
1,2,3,6,7,8-HxCDD	3.8E-20	4.1E-18	8.0E-17	1.6E-17	6.3E-16	3.1E-12	1.2E-10	3.8E-13	4.1E-11	7.9E-19	6.8E-17
1,2,3,6,7,8-HxCDF	5.1E-20	5.2E-18	1.0E-16	2.1E-17	8.0E-16	3.8E-12	1.6E-10	4.8E-13	5.2E-11	1.0E-18	8.7E-17
1,2,3,7,8,9-HxCDD	5.5E-20	6.5E-18	1.2E-16	2.6E-17	9.9E-16	4.6E-12	1.9E-10	5.8E-13	6.3E-11	1.3E-18	1.1E-16
1,2,3,7,8,9-HxCDF	4.1E-21	3.7E-19	7.3E-18	1.5E-18	5.8E-17	2.9E-13	1.2E-11	3.7E-14	4.0E-12	7.2E-20	6.3E-18
1,2,3,7,8-PeCDD	1.1E-19	2.3E-18	4.5E-17	9.0E-18	3.5E-16	1.8E-12	7.5E-11	2.3E-13	2.5E-11	4.4E-19	3.8E-17
1,2,3,7,8-PeCDF	1.5E-19	2.7E-18	5.3E-17	1.1E-17	4.2E-16	2.6E-12	1.1E-10	3.3E-13	3.6E-11	5.2E-19	4.5E-17

Table H-201 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.3E-20	8.2E-18	1.5E-16	3.2E-17	1.2E-15	5.9E-12	2.4E-10	7.4E-13	7.9E-11	1.6E-18	1.3E-16
2,3,4,7,8-PeCDF	2.3E-19	6.4E-18	1.3E-16	2.5E-17	9.9E-16	5.9E-12	2.4E-10	7.4E-13	8.0E-11	1.2E-18	1.1E-16
2,3,7,8-TCDD	3.6E-20	4.6E-19	6.7E-18	1.8E-18	5.3E-17	7.4E-13	2.5E-11	9.3E-14	8.3E-12	6.2E-17	3.9E-15
2,3,7,8-TCDF	1.1E-19	8.4E-19	1.7E-17	3.3E-18	1.3E-16	2.7E-12	1.1E-10	3.4E-13	3.7E-11	1.6E-19	1.4E-17
OCDD	2.4E-22	1.2E-17	2.2E-16	4.7E-17	1.7E-15	8.0E-12	3.2E-10	1.0E-12	1.1E-10	2.3E-18	1.9E-16
OCDF	8.8E-23	4.6E-18	8.3E-17	1.8E-17	6.5E-16	3.0E-12	1.2E-10	3.8E-13	3.9E-11	9.0E-19	7.1E-17
DNT											
2,4-Dinitrotoluene		5.7E-09		6.8E-09						3.3E-10	
2,6-Dinitrotoluene		9.1E-09		1.1E-08						5.3E-10	
HCN											
Hydrogen cyanide						2.3E-06	8.8E-05	2.8E-07	2.9E-05		
Metals											
Aluminum				1.1E-04						5.5E-06	
Antimony	2.2E-19			4.3E-09		1.5E-07	3.7E-06	1.9E-08	1.2E-06	2.1E-10	
Arsenic	1.2E-17	8.5E-09	6.9E-19	2.0E-08	3.3E-18	8.5E-09	3.0E-07	1.1E-09	1.0E-07	1.6E-09	5.9E-19
Barium	3.1E-14			3.9E-11	1.3E-09	1.8E-06	4.8E-05	2.2E-07	1.6E-05	1.9E-12	1.5E-10
Beryllium	4.7E-19			1.5E-17	5.6E-16	6.1E-10	2.1E-08	7.7E-11	6.9E-09	7.3E-19	6.1E-17
Cadmium	1.2E-16			1.2E-17	4.5E-16	1.1E-08	3.8E-07	1.4E-09	1.3E-07	5.7E-19	4.8E-17
Chromium	3.5E-17			1.0E-12	4.0E-11	9.2E-08	3.3E-06	1.2E-08	1.1E-06	5.0E-14	4.3E-12
Cobalt				2.8E-07	1.3E-10	1.4E-07	2.6E-06	1.8E-08	8.5E-07	1.4E-08	1.3E-11
Copper				4.2E-12	1.6E-10	2.5E-07	8.7E-06	3.2E-08	2.9E-06	2.0E-13	1.7E-11
Iron				2.4E-04						1.2E-05	
Lead	9.9E-20			1.5E-06	5.5E-14	8.5E-08	2.8E-06	1.1E-08	9.3E-07	7.2E-08	5.9E-15
Manganese				1.1E-14	4.4E-13	7.8E-08	2.7E-06	9.7E-09	9.0E-07	5.6E-16	4.7E-14

Table H-201 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				4.6E-16	1.4E-14	3.4E-10	1.2E-08	4.2E-11	4.0E-09	2.2E-17	1.5E-15
Mercury, elemental				2.1E-10		1.4E-12	4.9E-11	1.8E-13	1.6E-11	4.1E-07	
Methyl Mercury	1.2E-16			2.7E-17	1.1E-15					1.3E-18	1.1E-16
Nickel	4.7E-17			5.7E-06	2.2E-15	5.0E-08	1.7E-06	6.2E-09	5.7E-07	2.8E-07	2.4E-16
Phosphorus				1.1E-16	4.0E-15	3.8E-07	1.2E-05	4.7E-08	4.1E-06	1.0E-12	8.4E-11
Selenium	3.9E-18			5.8E-19	2.2E-17	2.5E-09	8.7E-08	3.1E-10	2.9E-08	2.8E-20	2.4E-18
Silver	2.9E-18			1.1E-14	3.9E-13	1.6E-09	5.3E-08	2.0E-10	1.8E-08	5.2E-16	4.3E-14
Thallium (Soluble Salts)				1.5E-09						7.5E-11	
Titanium				1.1E-16	4.6E-15	8.7E-10	3.3E-08	1.1E-10	1.1E-08	5.6E-18	5.0E-16
Zinc	5.8E-14			2.6E-15	9.3E-14	2.0E-06	5.6E-05	2.4E-07	1.9E-05	1.3E-16	1.0E-14
NOx											
NOx (Oxides of Nitrogen)						2.2E-05	7.5E-04	2.8E-06	2.5E-04		
PAHs											
1-Methylnaphthalene		3.4E-18	6.9E-17	3.1E-18	1.3E-16	4.7E-07	2.0E-05	5.9E-08	6.5E-06	3.5E-15	3.2E-13
1-Methylphenanthrene				2.1E-15	8.6E-14	5.6E-08	2.4E-06	7.0E-09	7.9E-07	1.0E-16	9.3E-15
2,3,5-Trimethylnaphthalene				9.7E-16	4.2E-14	2.8E-08	1.2E-06	3.5E-09	4.0E-07	4.8E-17	4.6E-15
2,6-Dimethylnaphthalene				2.7E-15	1.1E-13	7.4E-08	3.1E-06	9.2E-09	1.0E-06	1.3E-16	1.2E-14
2-Methylnaphthalene		3.3E-18	6.7E-17	3.0E-18	1.2E-16	4.6E-07	1.9E-05	5.7E-08	6.3E-06	3.4E-15	3.1E-13
Acenaphthylene				8.5E-15	3.6E-13	2.7E-07	1.1E-05	3.4E-08	3.8E-06	4.2E-16	3.9E-14
Acenaphthene	4.8E-17					4.9E-08	2.1E-06	6.2E-09	6.9E-07		
Anthracene	6.1E-16					8.7E-08	3.7E-06	1.1E-08	1.2E-06		
Benzo(a)anthracene	8.8E-14	2.2E-09	5.7E-13	2.0E-09	1.0E-12	4.3E-08	1.8E-06	5.3E-09	6.2E-07	3.1E-08	3.5E-11
Benzo(a)pyrene	4.4E-14	3.8E-09	2.4E-13	3.4E-09	4.4E-13	1.7E-08	7.0E-07	2.1E-09	2.3E-07	1.7E-10	4.8E-14
Benzo(b)fluoranthene	1.2E-14	8.1E-09	1.3E-14	7.3E-09	2.4E-14	1.9E-08	7.6E-07	2.3E-09	2.5E-07	3.6E-10	2.6E-15

Table H-201 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				4.9E-16	1.9E-14	1.4E-08	5.8E-07	1.8E-09	1.9E-07	2.4E-17	2.1E-15
Benzo(g,h,i)perylene				3.6E-16	1.5E-14	1.1E-08	4.5E-07	1.4E-09	1.5E-07	1.8E-17	1.6E-15
Benzo(k)fluoranthene	9.8E-17	5.2E-10	7.8E-15	4.7E-10	1.4E-14	1.7E-10	3.0E-09	2.1E-11	9.9E-10	2.3E-11	1.5E-15
Biphenyl				4.8E-17	2.0E-15	1.6E-06	6.7E-05	2.0E-07	2.2E-05	2.8E-14	2.6E-12
Chrysene	1.5E-14	3.2E-09	6.9E-13	2.9E-09	1.3E-12	7.3E-08	3.0E-06	9.1E-09	1.0E-06	1.4E-10	1.4E-13
Dibenze(a,h)anthracene	2.2E-15	1.4E-10	8.5E-14	1.3E-10	1.6E-13	2.7E-09	1.1E-07	3.3E-10	3.6E-08	6.3E-12	1.7E-14
Fluoranthene	4.0E-15	9.1E-16	1.8E-14	8.3E-16	3.4E-14	1.1E-07	4.4E-06	1.3E-08	1.5E-06	4.0E-17	3.6E-15
Fluorene	8.7E-16					2.7E-07	1.1E-05	3.3E-08	3.8E-06		
Indeno(1,2,3-cd)pyrene	5.5E-15	2.0E-09	2.4E-13	1.8E-09	4.3E-13	8.8E-09	3.6E-07	1.1E-09	1.2E-07	9.0E-11	4.7E-14
Napthalene	4.0E-16					2.1E-06	8.8E-05	2.7E-07	2.9E-05		
Perylene				1.9E-16	8.8E-15	6.6E-09	2.9E-07	8.2E-10	9.7E-08	9.2E-18	9.5E-16
Phenanthrene	4.2E-15					5.0E-07	2.1E-05	6.3E-08	6.9E-06		
Pyrene	2.9E-15	3.1E-15	6.3E-14	2.8E-15	1.1E-13	1.0E-07	4.3E-06	1.3E-08	1.4E-06	7.8E-14	7.0E-12
Particulate											
Particulate Total Suspended Particulate				4.3E-11	1.7E-09	3.3E-04	1.3E-02	4.2E-05	4.3E-03	2.1E-12	1.9E-10
PM<10				5.5E-11	2.3E-09	4.4E-04	1.7E-02	5.5E-05	5.8E-03	2.7E-12	2.4E-10
PM<2.5				4.5E-11	1.9E-09	3.8E-04	1.5E-02	4.7E-05	5.0E-03	2.2E-12	2.1E-10
PCBs											
Dichlorobiphenyl	8.7E-17	8.2E-18	1.6E-16	7.0E-18	2.8E-16	1.3E-09	5.4E-08	1.7E-10	1.8E-08	6.5E-16	5.7E-14
Heptachlorobiphenyl	3.3E-18	9.5E-19	1.8E-17	8.1E-19	3.1E-17	1.8E-11	7.3E-10	2.3E-12	2.4E-10	4.1E-17	3.5E-15
Hexachlorobiphenyl	1.3E-17	4.3E-18	7.7E-17	3.6E-18	1.3E-16	7.6E-11	3.0E-09	9.5E-12	9.9E-10	1.9E-16	1.5E-14
Monochlorobiphenyl	6.1E-16	5.7E-17	1.1E-15	4.8E-17	1.9E-15	9.2E-09	3.8E-07	1.2E-09	1.3E-07	4.5E-15	4.0E-13
Nonachlorobiphenyl	4.1E-19	1.7E-19	2.6E-18	1.4E-19	4.4E-18	2.6E-12	9.1E-11	3.2E-13	3.0E-11	7.2E-18	5.0E-16
Octachlorobiphenyl	9.7E-19	3.1E-19	5.6E-18	2.6E-19	9.5E-18	5.5E-12	2.2E-10	6.9E-13	7.2E-11	1.3E-17	1.1E-15

Table H-201 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	4.4E-17	1.6E-17	2.7E-16	1.3E-17	4.5E-16	2.6E-10	9.9E-09	3.3E-11	3.3E-09	6.7E-16	5.0E-14
Tetrachlorobiphenyl	2.6E-17	3.1E-18	5.3E-17	2.7E-18	9.0E-17	4.3E-10	1.6E-08	5.4E-11	5.4E-09	2.5E-16	1.8E-14
Trichlorobiphenyl	3.4E-17	3.8E-18	6.7E-17	3.2E-18	1.1E-16	5.5E-10	2.1E-08	6.8E-11	7.0E-09	3.0E-16	2.3E-14
Pesticides											
DDE				7.3E-10						2.3E-08	
SVOCs											
1,2,4-trichlorobenzene						3.9E-09	1.2E-07	4.8E-10	4.1E-08		
1,2-dichlorobenzene	3.9E-20					1.6E-09	2.8E-08	1.9E-10	9.2E-09		
1,3-Butadiene						4.6E-04					
1,3-dichlorobenzene	9.9E-20					2.3E-09	7.9E-08	2.9E-10	2.6E-08		
1,4-dichlorobenzene	1.3E-18					2.2E-08	9.7E-07	2.7E-09	3.2E-07		
1,4-Dioxane						1.0E-03					
2,4-Dimethylphenol	3.6E-17					3.4E-07	1.4E-05	4.2E-08	4.5E-06		
2-Chlorophenol	1.8E-18					6.8E-08	2.9E-06	8.5E-09	9.8E-07		
2-Methylphenol	7.5E-16					8.0E-07	3.3E-05	9.9E-08	1.1E-05		
2-Nitrophenol	4.6E-18					1.1E-07	4.5E-06	1.3E-08	1.5E-06		
3-Methylphenol & 4-Methylphenol				5.3E-14	2.2E-12	1.4E-06	6.0E-05	1.8E-07	2.0E-05	2.6E-15	2.4E-13
4-Nitrophenol	9.3E-18					1.8E-07	6.9E-06	2.2E-08	2.3E-06		
Acetophenone	5.6E-17					1.7E-06	7.0E-05	2.1E-07	2.3E-05		
Benzoic acid	2.3E-16					7.7E-06	3.2E-04	9.6E-07	1.1E-04		
Benzyl alcohol	1.4E-19					6.4E-08	1.9E-06	8.0E-09	6.5E-07		
bis(2-Ethylhexyl) phthalate	7.0E-15	9.6E-14	1.7E-12	1.1E-13	4.1E-12	2.7E-06	1.1E-04	3.4E-07	3.5E-05	5.6E-15	4.4E-13
Butyl benzyl phthalate	2.5E-15	4.7E-17	9.5E-16	5.5E-17	2.2E-15	8.5E-08	3.5E-06	1.1E-08	1.2E-06	2.7E-18	2.4E-16
Carbazole				2.0E-16	3.7E-15	2.4E-09	4.3E-08	3.0E-10	1.4E-08	9.8E-18	4.0E-16

Table H-201 (Lifetime Average Daily Dose)

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Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Dibenzofuran		2.1E-18	4.1E-17	8.1E-18	3.2E-16	1.4E-07	5.6E-06	1.7E-08	1.9E-06	3.5E-15	3.0E-13
Dimethyl phthalate	9.2E-19					4.8E-09	8.5E-08	5.9E-10	2.8E-08		
Di-n-butyl phthalate	2.4E-14	4.6E-17	9.5E-16	5.5E-17	2.3E-15	1.3E-07	5.4E-06	1.6E-08	1.8E-06	2.7E-18	2.4E-16
Di-n-octyl phthalate	1.8E-19	1.3E-16	1.2E-15	1.6E-16	2.9E-15	9.2E-09	1.6E-07	1.1E-09	5.5E-08	7.8E-18	3.2E-16
Hexachlorobutadiene	9.6E-17					6.3E-07	1.1E-05	7.9E-08	3.8E-06		
Isopropanol						1.2E-02					
Phenol	2.1E-15					4.3E-06	1.8E-04	5.4E-07	5.9E-05		
Pyridine	1.1E-16					4.1E-07	1.7E-05	5.1E-08	5.7E-06		
TRS											
Total Reduced Sulfur						4.2E-06	1.8E-04	5.2E-07	6.0E-05		
VOCs											
1,1,1,2-Tetrachloroethane	3.8E-20					1.9E-09	6.5E-08	2.4E-10	2.2E-08		
1,1,1-Trichloroethane	2.5E-21					1.9E-09	7.1E-08	2.4E-10	2.4E-08		
1,1-Dichloroethene	8.5E-23					3.7E-10	6.6E-09	4.6E-11	2.2E-09		
1,2,3-Trichlorobenzene	2.7E-18					7.6E-09	2.8E-07	9.5E-10	9.4E-08		
1,2,3-Trichloropropane	1.5E-20					1.5E-09	2.8E-08	1.9E-10	9.2E-09		
1,2,4-Trimethylbenzene						8.9E-08	2.8E-06	1.1E-08	9.4E-07		
1,2-Dibromoethane	5.3E-21					9.9E-10	1.8E-08	1.2E-10	5.9E-09		
1,2-Dichloroethane	1.7E-19					4.9E-04	1.5E-06	1.4E-05	5.0E-07		
1,3,5-Trimethylbenzene	8.6E-19					8.4E-08	2.5E-06	1.0E-08	8.3E-07		
1,3-Dichloropropane						9.6E-10	1.7E-08	1.2E-10	5.7E-09		
2-Butanone	3.5E-17					4.7E-07	1.9E-05	5.9E-08	6.2E-06		
2-Chlorotoluene						2.1E-08	8.7E-07	2.6E-09	2.9E-07		
2-Hexanone						9.7E-08	3.5E-06	1.2E-08	1.2E-06		

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Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzene	2.8E-17					1.2E-03	4.9E-04	1.4E-04	1.6E-04		
Bromobenzene						5.3E-07	9.5E-06	6.6E-08	3.2E-06		
Bromochloromethane						1.3E-09	2.2E-08	1.6E-10	7.5E-09		
Bromodichloromethane	4.5E-21					1.4E-09	2.4E-08	1.7E-10	8.1E-09		
Bromomethane	1.9E-20					5.4E-08	1.6E-06	6.8E-09	5.5E-07		
Carbon disulfide	1.8E-20					4.8E-08	1.4E-06	6.0E-09	4.7E-07		
Carbon tetrachloride	1.9E-21					2.1E-03	5.6E-08	2.2E-04	1.9E-08		
Chlorobenzene	6.7E-19					6.9E-08	2.5E-06	8.6E-09	8.2E-07		
Chlorodibromomethane	2.6E-19					3.4E-08	6.0E-07	4.2E-09	2.0E-07		
Chloroethane	5.3E-20					1.3E-07	4.5E-06	1.6E-08	1.5E-06		
Chloroform	4.0E-20					3.6E-04	5.5E-07	3.4E-05	1.8E-07		
Chloromethane	1.4E-19					4.4E-07	1.3E-05	5.5E-08	4.5E-06		
cis-1,2-Dichloroethene	5.4E-20					5.7E-08	1.0E-06	7.1E-09	3.4E-07		
cis-1,3-Dichloropropene						3.5E-10	6.2E-09	4.3E-11	2.1E-09		
Dibromomethane	6.0E-21					2.9E-09	5.2E-08	3.6E-10	1.7E-08		
Dichlorodifluoromethane	6.7E-23					3.6E-09	6.3E-08	4.4E-10	2.1E-08		
Ethylbenzene	2.1E-17					1.4E-03	1.1E-04	3.5E-07	3.5E-05		
Isopropylbenzene	2.8E-20					2.3E-07	7.7E-06	2.8E-08	2.6E-06		
m&p-Xylene	3.4E-18					5.2E-07	1.8E-05	6.5E-08	5.9E-06		
Methyl Isobutyl Ketone (4-methyl-2-per	3.4E-20					5.1E-09	9.1E-08	6.4E-10	3.0E-08		
Methylene chloride	3.7E-19					2.6E-07	9.5E-06	3.2E-08	3.2E-06		
n-Butylbenzene						1.1E-07	3.3E-06	1.4E-08	1.1E-06		
n-Propylbenzene						1.3E-07	4.4E-06	1.7E-08	1.5E-06		
o-Xylene	4.0E-18					3.3E-07	1.1E-05	4.1E-08	3.6E-06		

Table H-201 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
p-Chlorotoluene						7.9E-09	2.4E-07	9.9E-10	8.0E-08		
p-Isopropyltoluene						5.5E-08	1.3E-06	6.9E-09	4.4E-07		
sec-Butylbenzene						2.0E-08	6.2E-07	2.5E-09	2.1E-07		
Styrene	1.3E-16					7.3E-06	2.7E-04	9.1E-07	8.9E-05		
tert-Butylbenzene						6.5E-07	1.2E-05	8.2E-08	3.9E-06		
Tetrachloroethene	9.4E-21					1.7E-09	6.0E-08	2.2E-10	2.0E-08		
Toluene	2.2E-17					4.5E-06	1.8E-04	5.6E-07	5.9E-05		
trans-1,2-Dichloroethene	8.4E-19					1.2E-06	2.2E-05	1.5E-07	7.2E-06		
trans-1,3-Dichloropropene						6.0E-10	1.1E-08	7.5E-11	3.6E-09		
Trichloroethene	9.7E-23					6.5E-05	1.9E-09	1.3E-11	6.2E-10		
Trichlorofluoromethane	1.5E-22					1.2E-09	2.2E-08	1.6E-10	7.4E-09		
Vinyl chloride	6.9E-21					7.1E-08	1.7E-06	8.8E-09	5.7E-07		

Table H-202 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	3.0E-05	1.0E-07	9.9E-06		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	5.2E-05	1.8E-07	1.7E-05		
Formaldehyde	4.5E-13					5.7E-03	2.0E-05	7.7E-08	6.8E-06		
Propionaldehyde				2.2E-15	7.2E-14	1.6E-07	5.8E-06	2.0E-08	1.9E-06	1.7E-14	1.2E-12
CO											
Carbon monoxide						4.5E-05	1.7E-03	5.6E-06	5.6E-04		
CO2											
Carbon dioxide						1.4E-06	5.0E-05	1.8E-07	1.7E-05		
Criteria											
Sulfur Dioxide						3.8E-07	1.2E-05	4.7E-08	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	4.0E-14	8.5E-15	3.2E-13	8.5E-13	3.4E-11	1.1E-13	1.1E-11	4.2E-19	3.4E-17
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	4.1E-14	8.6E-15	3.2E-13	8.6E-13	3.4E-11	1.1E-13	1.1E-11	4.2E-19	3.5E-17
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	4.9E-15	9.9E-16	3.9E-14	1.1E-13	4.4E-12	1.4E-14	1.5E-12	4.8E-20	4.2E-18
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	4.7E-15	9.7E-16	3.7E-14	1.0E-13	4.1E-12	1.3E-14	1.4E-12	4.7E-20	4.0E-18
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	3.8E-14	7.7E-15	3.0E-13	8.3E-13	3.3E-11	1.0E-13	1.1E-11	3.8E-19	3.2E-17
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	9.7E-15	2.0E-15	7.7E-14	2.1E-13	8.7E-12	2.7E-14	2.9E-12	9.7E-20	8.3E-18
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	1.2E-14	2.5E-15	9.8E-14	2.7E-13	1.1E-11	3.4E-14	3.6E-12	1.2E-19	1.1E-17
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.5E-14	3.1E-15	1.2E-13	3.2E-13	1.3E-11	4.1E-14	4.4E-12	1.5E-19	1.3E-17
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	8.9E-16	1.8E-16	7.1E-15	2.1E-14	8.4E-13	2.6E-15	2.8E-13	8.8E-21	7.6E-19
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	5.4E-15	1.1E-15	4.3E-14	1.3E-13	5.3E-12	1.6E-14	1.8E-12	5.4E-20	4.6E-18
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	6.4E-15	1.3E-15	5.1E-14	1.8E-13	7.5E-12	2.3E-14	2.5E-12	6.3E-20	5.5E-18

Table H-202 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.9E-14	3.9E-15	1.5E-13	4.2E-13	1.7E-11	5.2E-14	5.6E-12	1.9E-19	1.6E-17
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.5E-14	3.1E-15	1.2E-13	4.1E-13	1.7E-11	5.2E-14	5.6E-12	1.5E-19	1.3E-17
2,3,7,8-TCDD	2.7E-18	5.5E-17	8.0E-16	2.2E-16	6.3E-15	5.2E-14	1.7E-12	6.5E-15	5.8E-13	7.4E-18	4.7E-16
2,3,7,8-TCDF	8.2E-18	1.0E-16	2.0E-15	4.0E-16	1.6E-14	1.9E-13	7.8E-12	2.4E-14	2.6E-12	2.0E-20	1.7E-18
OCDD	2.5E-20	1.5E-15	2.7E-14	5.8E-15	2.1E-13	5.6E-13	2.2E-11	7.0E-14	7.4E-12	2.8E-19	2.3E-17
OCDF	9.3E-21	5.7E-16	1.0E-14	2.2E-15	8.0E-14	2.1E-13	8.2E-12	2.6E-14	2.7E-12	1.1E-19	8.6E-18
DNT											
2,4-Dinitrotoluene		4.0E-07		4.7E-07						2.3E-11	
2,6-Dinitrotoluene		6.4E-07		7.6E-07						3.7E-11	
HCN											
Hydrogen cyanide						1.6E-07	6.2E-06	2.0E-08	2.1E-06		
Metals											
Aluminum				7.9E-03						3.9E-07	
Antimony	1.6E-17			3.0E-07		1.0E-08	2.6E-07	1.3E-09	8.6E-08	1.5E-11	
Arsenic	8.1E-16	6.0E-07	4.8E-17	1.4E-06	2.3E-16	5.9E-10	2.1E-08	7.4E-11	7.0E-09	1.2E-10	4.1E-20
Barium	2.7E-12			4.4E-09	1.5E-07	1.3E-07	3.4E-06	1.6E-08	1.1E-06	2.1E-13	1.6E-11
Beryllium	3.3E-17			1.0E-15	3.9E-14	4.3E-11	1.5E-09	5.4E-12	4.8E-10	5.1E-20	4.3E-18
Cadmium	8.3E-15			8.2E-16	3.1E-14	7.6E-10	2.6E-08	9.5E-11	8.8E-09	4.0E-20	3.4E-18
Chromium	2.8E-15			9.6E-11	3.7E-09	6.5E-09	2.3E-07	8.1E-10	7.7E-08	4.7E-15	4.0E-13
Cobalt				1.9E-05	1.4E-08	9.8E-09	1.8E-07	1.2E-09	6.0E-08	9.5E-10	1.5E-12
Copper				4.5E-10	1.7E-08	1.8E-08	6.1E-07	2.2E-09	2.0E-07	2.2E-14	1.8E-12
Iron				1.7E-02						8.3E-07	
Lead	6.9E-18			1.0E-04	3.8E-12	6.0E-09	2.0E-07	7.5E-10	6.5E-08	5.0E-09	4.1E-16
Manganese				8.0E-13	3.1E-11	5.5E-09	1.9E-07	6.8E-10	6.3E-08	3.9E-17	3.3E-15

Table H-202 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				6.4E-14	2.0E-12	2.4E-11	8.3E-10	2.9E-12	2.8E-10	3.1E-18	2.1E-16
Mercury, elemental				1.5E-08		9.8E-14	3.5E-12	1.2E-14	1.2E-12	2.9E-08	
Methyl Mercury	1.3E-14			3.8E-15	1.5E-13					1.9E-19	1.6E-17
Nickel	3.3E-15			4.0E-04	1.6E-13	3.5E-09	1.2E-07	4.3E-10	4.0E-08	2.0E-08	1.7E-17
Phosphorus				7.5E-15	2.8E-13	2.6E-08	8.6E-07	3.3E-09	2.9E-07	7.2E-14	5.9E-12
Selenium	2.8E-16			4.0E-17	1.6E-15	1.7E-10	6.1E-09	2.2E-11	2.0E-09	2.0E-21	1.7E-19
Silver	2.1E-16			8.5E-13	3.2E-11	1.1E-10	3.7E-09	1.4E-11	1.2E-09	4.2E-17	3.4E-15
Thallium (Soluble Salts)				1.1E-07						5.2E-12	
Titanium				8.0E-15	3.2E-13	6.1E-11	2.3E-09	7.6E-12	7.6E-10	3.9E-19	3.5E-17
Zinc	4.1E-12			1.8E-13	6.5E-12	1.4E-07	3.9E-06	1.7E-08	1.3E-06	9.0E-18	7.0E-16
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	5.2E-05	2.0E-07	1.7E-05		
PAHs											
1-Methylnaphthalene		2.4E-16	4.9E-15	2.2E-16	8.9E-15	3.3E-08	1.4E-06	4.1E-09	4.6E-07	2.5E-16	2.2E-14
1-Methylphenanthrene				1.5E-13	6.0E-12	3.9E-09	1.7E-07	4.9E-10	5.5E-08	7.1E-18	6.5E-16
2,3,5-Trimethylnaphthalene				6.8E-14	3.0E-12	1.9E-09	8.4E-08	2.4E-10	2.8E-08	3.3E-18	3.2E-16
2,6-Dimethylnaphthalene				1.9E-13	7.9E-12	5.1E-09	2.2E-07	6.4E-10	7.3E-08	9.1E-18	8.5E-16
2-Methylnaphthalene		2.3E-16	4.7E-15	2.1E-16	8.6E-15	3.2E-08	1.3E-06	4.0E-09	4.4E-07	2.4E-16	2.2E-14
Acenaphthylene				6.0E-13	2.5E-11	1.9E-08	8.0E-07	2.4E-09	2.7E-07	2.9E-17	2.7E-15
Acenaphthene	3.4E-15					3.5E-09	1.4E-07	4.3E-10	4.8E-08		
Anthracene	4.3E-14					6.1E-09	2.6E-07	7.6E-10	8.6E-08		
Benzo(a)anthracene	6.2E-12	1.6E-07	4.4E-11	1.4E-07	8.0E-11	3.0E-09	1.3E-07	3.7E-10	4.3E-08	2.1E-09	2.7E-12
Benzo(a)pyrene	3.1E-12	2.6E-07	1.8E-11	2.4E-07	3.3E-11	1.2E-09	4.9E-08	1.5E-10	1.6E-08	1.2E-11	3.6E-15
Benzo(b)fluoranthene	8.3E-13	5.7E-07	1.0E-12	5.1E-07	1.8E-12	1.3E-09	5.3E-08	1.6E-10	1.8E-08	2.5E-11	2.0E-16

Table H-202 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				3.4E-14	1.3E-12	1.0E-09	4.1E-08	1.3E-10	1.4E-08	1.7E-18	1.4E-16
Benzo(g,h,i)perylene				2.5E-14	1.0E-12	7.7E-10	3.2E-08	9.6E-11	1.1E-08	1.2E-18	1.1E-16
Benzo(k)fluoranthene	7.9E-15	3.6E-08	7.3E-13	3.3E-08	1.3E-12	1.2E-11	2.1E-10	1.5E-12	6.9E-11	1.6E-12	1.4E-16
Biphenyl				3.3E-15	1.4E-13	1.1E-07	4.7E-06	1.4E-08	1.6E-06	2.0E-15	1.8E-13
Chrysene	1.1E-12	2.3E-07	5.6E-11	2.1E-07	1.0E-10	5.1E-09	2.1E-07	6.4E-10	7.1E-08	1.0E-11	1.1E-14
Dibenzo(a,h)anthracene	1.6E-13	9.9E-09	6.8E-12	9.0E-09	1.2E-11	1.9E-10	7.6E-09	2.3E-11	2.5E-09	4.4E-13	1.3E-15
Fluoranthene	2.8E-13	6.8E-14	1.4E-12	6.1E-14	2.5E-12	7.5E-09	3.1E-07	9.4E-10	1.0E-07	3.0E-18	2.7E-16
Fluorene	6.1E-14					1.9E-08	7.9E-07	2.3E-09	2.6E-07		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.4E-07	1.8E-11	1.3E-07	3.3E-11	6.2E-10	2.5E-08	7.7E-11	8.5E-09	6.3E-12	3.6E-15
Napthalene	2.8E-14					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Perylene				1.3E-14	6.2E-13	4.6E-10	2.0E-08	5.8E-11	6.8E-09	6.5E-19	6.6E-17
Phenanthrene	2.9E-13					3.5E-08	1.5E-06	4.4E-09	4.8E-07		
Pyrene	2.0E-13	2.8E-13	5.7E-12	2.5E-13	1.0E-11	7.3E-09	3.0E-07	9.1E-10	1.0E-07	7.1E-15	6.4E-13
Particulate											
Particulate Total Suspended Particulate				3.0E-09	1.2E-07	2.3E-05	9.0E-04	2.9E-06	3.0E-04	1.5E-13	1.3E-11
PM<10				3.8E-09	1.6E-07	3.1E-05	1.2E-03	3.9E-06	4.0E-04	1.9E-13	1.7E-11
PM<2.5				3.2E-09	1.3E-07	2.6E-05	1.0E-03	3.3E-06	3.5E-04	1.6E-13	1.4E-11
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	2.0E-14	8.3E-16	3.3E-14	9.3E-11	3.8E-09	1.2E-11	1.3E-09	7.8E-17	6.8E-15
Heptachlorobiphenyl	2.3E-16	1.2E-16	2.2E-15	9.8E-17	3.8E-15	1.3E-12	5.1E-11	1.6E-13	1.7E-11	5.0E-18	4.2E-16
Hexachlorobiphenyl	9.4E-16	5.2E-16	9.4E-15	4.4E-16	1.6E-14	5.3E-12	2.1E-10	6.7E-13	6.9E-11	2.3E-17	1.8E-15
Monochlorobiphenyl	4.3E-14	6.9E-15	1.4E-13	5.8E-15	2.3E-13	6.5E-10	2.7E-08	8.1E-11	8.9E-09	5.4E-16	4.7E-14
Nonachlorobiphenyl	2.9E-17	2.0E-17	3.2E-16	1.7E-17	5.4E-16	1.8E-13	6.4E-12	2.2E-14	2.1E-12	8.8E-19	6.0E-17
Octachlorobiphenyl	6.9E-17	3.8E-17	6.9E-16	3.2E-17	1.2E-15	3.9E-13	1.5E-11	4.9E-14	5.1E-12	1.6E-18	1.3E-16

Table H-202 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	3.1E-15	1.9E-15	3.2E-14	1.6E-15	5.5E-14	1.8E-11	6.9E-10	2.3E-12	2.3E-10	8.1E-17	6.1E-15
Tetrachlorobiphenyl	1.8E-15	3.8E-16	6.4E-15	3.2E-16	1.1E-14	3.0E-11	1.1E-09	3.8E-12	3.8E-10	3.0E-17	2.2E-15
Trichlorobiphenyl	2.4E-15	4.5E-16	8.1E-15	3.8E-16	1.4E-14	3.8E-11	1.5E-09	4.8E-12	4.9E-10	3.6E-17	2.8E-15
Pesticides											
DDE				5.1E-08						1.6E-09	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	8.7E-09	3.4E-11	2.9E-09		
1,2-dichlorobenzene	2.8E-18					1.1E-10	1.9E-09	1.4E-11	6.5E-10		
1,3-Butadiene						3.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	5.5E-09	2.0E-11	1.8E-09		
1,4-dichlorobenzene	9.2E-17					1.5E-09	6.8E-08	1.9E-10	2.3E-08		
1,4-Dioxane						7.3E-05					
2,4-Dimethylphenol	2.5E-15					2.4E-08	9.5E-07	3.0E-09	3.2E-07		
2-Chlorophenol	1.3E-16					4.7E-09	2.1E-07	5.9E-10	6.9E-08		
2-Methylphenol	5.3E-14					5.6E-08	2.3E-06	7.0E-09	7.8E-07		
2-Nitrophenol	3.2E-16					7.6E-09	3.1E-07	9.4E-10	1.0E-07		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.5E-10	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.8E-16	1.7E-14
4-Nitrophenol	6.5E-16					1.3E-08	4.8E-07	1.6E-09	1.6E-07		
Acetophenone	3.9E-15					1.2E-07	4.9E-06	1.5E-08	1.6E-06		
Benzoic acid	1.6E-14					5.4E-07	2.2E-05	6.7E-08	7.5E-06		
Benzyl alcohol	9.8E-18					4.5E-09	1.4E-07	5.6E-10	4.5E-08		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	1.2E-10	8.0E-12	2.9E-10	1.9E-07	7.4E-06	2.4E-08	2.5E-06	3.9E-16	3.1E-14
Butyl benzyl phthalate	1.8E-13	3.3E-15	6.6E-14	3.8E-15	1.6E-13	6.0E-09	2.5E-07	7.5E-10	8.3E-08	1.9E-19	1.7E-17
Carbazole				1.4E-14	2.6E-13	1.7E-10	3.0E-09	2.1E-11	1.0E-09	6.9E-19	2.8E-17

Table H-202 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Dibenzofuran		1.4E-16	2.9E-15	5.7E-16	2.3E-14	9.5E-09	3.9E-07	1.2E-09	1.3E-07	2.4E-16	2.1E-14
Dimethyl phthalate	6.5E-17					3.3E-10	5.9E-09	4.2E-11	2.0E-09		
Di-n-butyl phthalate	1.7E-12	3.3E-15	6.7E-14	3.9E-15	1.6E-13	9.2E-09	3.8E-07	1.1E-09	1.3E-07	1.9E-19	1.7E-17
Di-n-octyl phthalate	1.3E-17	9.4E-15	8.7E-14	1.1E-14	2.1E-13	6.4E-10	1.1E-08	8.0E-11	3.8E-09	5.5E-19	2.2E-17
Hexachlorobutadiene	6.7E-15					4.4E-08	7.9E-07	5.5E-09	2.6E-07		
Isopropanol						8.2E-04					
Phenol	1.5E-13					3.0E-07	1.2E-05	3.8E-08	4.2E-06		
Pyridine	7.7E-15					2.9E-08	1.2E-06	3.6E-09	4.0E-07		
TRS											
Total Reduced Sulfur						2.9E-07	1.3E-05	3.6E-08	4.2E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	4.6E-09	1.7E-11	1.5E-09		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	5.0E-09	1.7E-11	1.7E-09		
1,1-Dichloroethene	6.0E-21					2.6E-11	4.6E-10	3.2E-12	1.5E-10		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	2.0E-08	6.7E-11	6.6E-09		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	1.9E-09	1.4E-11	6.4E-10		
1,2,4-Trimethylbenzene						6.2E-09	2.0E-07	7.8E-10	6.6E-08		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.2E-09	8.6E-12	4.1E-10		
1,2-Dichloroethane	1.2E-17					3.4E-05	1.0E-07	1.0E-06	3.5E-08		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.7E-07	7.3E-10	5.8E-08		
1,3-Dichloropropane						6.7E-11	1.2E-09	8.4E-12	4.0E-10		
2-Butanone	2.4E-15					3.3E-08	1.3E-06	4.1E-09	4.4E-07		
2-Chlorotoluene						1.5E-09	6.1E-08	1.8E-10	2.0E-08		
2-Hexanone						6.8E-09	2.5E-07	8.4E-10	8.2E-08		

Table H-202 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Benzene	2.0E-15					8.4E-05	3.4E-05	9.7E-06	1.1E-05		
Bromobenzene						3.7E-08	6.6E-07	4.7E-09	2.2E-07		
Bromochloromethane						8.8E-11	1.6E-09	1.1E-11	5.2E-10		
Bromodichloromethane	3.1E-19					9.5E-11	1.7E-09	1.2E-11	5.7E-10		
Bromomethane	1.3E-18					3.8E-09	1.1E-07	4.8E-10	3.8E-08		
Carbon disulfide	1.3E-18					3.3E-09	9.8E-08	4.2E-10	3.3E-08		
Carbon tetrachloride	1.3E-19					1.5E-04	3.9E-09	1.5E-05	1.3E-09		
Chlorobenzene	4.7E-17					4.8E-09	1.7E-07	6.0E-10	5.7E-08		
Chlorodibromomethane	1.8E-17					2.4E-09	4.2E-08	3.0E-10	1.4E-08		
Chloroethane	3.7E-18					9.1E-09	3.2E-07	1.1E-09	1.1E-07		
Chloroform	2.8E-18					2.5E-05	3.8E-08	2.4E-06	1.3E-08		
Chloromethane	9.8E-18					3.1E-08	9.4E-07	3.9E-09	3.1E-07		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	7.1E-08	5.0E-10	2.4E-08		
cis-1,3-Dichloropropene						2.4E-11	4.3E-10	3.0E-12	1.4E-10		
Dibromomethane	4.2E-19					2.0E-10	3.6E-09	2.5E-11	1.2E-09		
Dichlorodifluoromethane	4.7E-21					2.5E-10	4.4E-09	3.1E-11	1.5E-09		
Ethylbenzene	1.5E-15					9.6E-05	7.4E-06	2.4E-08	2.5E-06		
Isopropylbenzene	2.0E-18					1.6E-08	5.4E-07	2.0E-09	1.8E-07		
m&p-Xylene	2.4E-16					3.6E-08	1.2E-06	4.6E-09	4.1E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	6.4E-09	4.5E-11	2.1E-09		
Methylene chloride	2.6E-17					1.8E-08	6.6E-07	2.3E-09	2.2E-07		
n-Butylbenzene						7.8E-09	2.3E-07	9.7E-10	7.7E-08		
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07		
o-Xylene	2.8E-16					2.3E-08	7.6E-07	2.9E-09	2.5E-07		

Table H-202 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
p-Chlorotoluene						5.5E-10	1.7E-08	6.9E-11	5.6E-09		
p-Isopropyltoluene						3.8E-09	9.2E-08	4.8E-10	3.1E-08		
sec-Butylbenzene						1.4E-09	4.3E-08	1.8E-10	1.4E-08		
Styrene	9.4E-15					5.1E-07	1.9E-05	6.4E-08	6.2E-06		
tert-Butylbenzene						4.6E-08	8.1E-07	5.7E-09	2.7E-07		
Tetrachloroethene	6.6E-19					1.2E-10	4.2E-09	1.5E-11	1.4E-09		
Toluene	1.6E-15					3.2E-07	1.2E-05	3.9E-08	4.1E-06		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	1.5E-06	1.1E-08	5.0E-07		
trans-1,3-Dichloropropene						4.2E-11	7.5E-10	5.3E-12	2.5E-10		
Trichloroethene	6.8E-21					4.6E-06	1.3E-10	9.1E-13	4.3E-11		
Trichlorofluoromethane	1.0E-20					8.7E-11	1.6E-09	1.1E-11	5.2E-10		
Vinyl chloride	4.8E-19					5.0E-09	1.2E-07	6.2E-10	4.0E-08		

Table H-203 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			1.2E-05	1.5E-06	
Aldehydes					
Acetaldehyde			2.1E-05	2.6E-06	
Formaldehyde			8.8E-06	1.1E-06	
Propionaldehyde		3.2E-17	2.3E-06	2.8E-07	2.4E-13
CO					
Carbon monoxide			6.4E-04	8.0E-05	
CO2					
Carbon dioxide			2.0E-05	2.5E-06	
Criteria					
Sulfur Dioxide			5.4E-06	6.8E-07	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	1.8E-17	7.0E-17	1.2E-11	1.5E-12	3.4E-18
1,2,3,4,6,7,8-HpCDF	1.8E-17	7.1E-17	1.2E-11	1.5E-12	3.5E-18
1,2,3,4,7,8,9-HpCDF	2.1E-18	8.1E-18	1.6E-12	1.9E-13	4.0E-19
1,2,3,4,7,8-HxCDD	2.0E-18	7.9E-18	1.5E-12	1.8E-13	3.9E-19
1,2,3,4,7,8-HxCDF	1.6E-17	6.3E-17	1.2E-11	1.5E-12	3.1E-18
1,2,3,6,7,8-HxCDD	4.1E-18	1.6E-17	3.1E-12	3.8E-13	7.9E-19
1,2,3,6,7,8-HxCDF	5.2E-18	2.1E-17	3.8E-12	4.8E-13	1.0E-18
1,2,3,7,8,9-HxCDD	6.5E-18	2.6E-17	4.6E-12	5.8E-13	1.3E-18
1,2,3,7,8,9-HxCDF	3.7E-19	1.5E-18	2.9E-13	3.7E-14	7.2E-20

Table H-203 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	2.3E-18	9.0E-18	1.8E-12	2.3E-13	4.4E-19
1,2,3,7,8-PeCDF	2.7E-18	1.1E-17	2.6E-12	3.3E-13	5.2E-19
2,3,4,6,7,8-HxCDF	8.2E-18	3.2E-17	5.9E-12	7.4E-13	1.6E-18
2,3,4,7,8-PeCDF	6.4E-18	2.5E-17	5.9E-12	7.4E-13	1.2E-18
2,3,7,8-TCDD	4.6E-19	1.8E-18	7.4E-13	9.3E-14	6.2E-17
2,3,7,8-TCDF	8.4E-19	3.3E-18	2.7E-12	3.4E-13	1.6E-19
OCDD	1.2E-17	4.7E-17	8.0E-12	1.0E-12	2.3E-18
OCDF	4.6E-18	1.8E-17	3.0E-12	3.8E-13	9.0E-19
HCN					
Hydrogen cyanide			2.3E-06	2.8E-07	
Metals					
Aluminum		1.3E-04			6.6E-06
Antimony		6.1E-09	1.5E-07	1.9E-08	3.0E-10
Arsenic	2.8E-09	6.6E-09	8.5E-09	1.1E-09	5.4E-10
Barium		3.9E-11	1.8E-06	2.2E-07	1.9E-12
Beryllium		1.5E-17	6.1E-10	7.7E-11	7.3E-19
Cadmium		1.2E-17	1.1E-08	1.4E-09	5.7E-19
Chromium		1.0E-12	9.2E-08	1.2E-08	5.0E-14
Cobalt		2.6E-07	1.4E-07	1.8E-08	1.3E-08
Copper		4.2E-12	2.5E-07	3.2E-08	2.0E-13
Iron		2.5E-04			1.2E-05
Lead		1.2E-06	8.5E-08	1.1E-08	6.0E-08

Table H-203 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		1.1E-14	7.8E-08	9.7E-09	5.6E-16
Mercury (+2)		4.6E-16	3.4E-10	4.2E-11	2.2E-17
Mercury, elemental		3.2E-10	1.4E-12	1.8E-13	6.2E-07
Methyl Mercury		2.7E-17			1.3E-18
Nickel		5.7E-06	5.0E-08	6.2E-09	2.8E-07
Phosphorus		1.1E-16	3.8E-07	4.7E-08	1.0E-12
Selenium		5.8E-19	2.5E-09	3.1E-10	2.8E-20
Silver		1.1E-14	1.6E-09	2.0E-10	5.2E-16
Titanium		1.1E-16	8.7E-10	1.1E-10	5.6E-18
Zinc		2.6E-15	2.0E-06	2.4E-07	1.3E-16
NOx					
NOx (Oxides of Nitrogen)			2.2E-05	2.8E-06	
PAHs					
1-Methylnaphthalene	3.4E-18	3.1E-18	4.7E-07	5.9E-08	3.5E-15
1-Methylphenanthrene		2.1E-15	5.6E-08	7.0E-09	1.0E-16
2,3,5-Trimethylnaphthalene		9.7E-16	2.8E-08	3.5E-09	4.8E-17
2,6-Dimethylnaphthalene		2.7E-15	7.4E-08	9.2E-09	1.3E-16
2-Methylnaphthalene	3.3E-18	3.0E-18	4.6E-07	5.7E-08	3.4E-15
Acenaphthylene		8.5E-15	2.7E-07	3.4E-08	4.2E-16
Acenaphthene			4.9E-08	6.2E-09	
Anthracene			8.7E-08	1.1E-08	
Benzo(a)anthracene	1.3E-07	1.2E-07	4.3E-08	5.3E-09	1.8E-06

Table H-203 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)pyrene	1.1E-07	9.8E-08	1.7E-08	2.1E-09	4.8E-09
Benzo(b)fluoranthene	1.7E-07	1.6E-07	1.9E-08	2.3E-09	7.8E-09
Benzo(e)pyrene		4.9E-16	1.4E-08	1.8E-09	2.4E-17
Benzo(g,h,i)perylene		3.6E-16	1.1E-08	1.4E-09	1.8E-17
Benzo(k)fluoranthene	9.4E-08	8.6E-08	1.7E-10	2.1E-11	4.2E-09
Biphenyl		4.8E-17	1.6E-06	2.0E-07	2.8E-14
Chrysene	1.3E-07	1.2E-07	7.3E-08	9.1E-09	6.0E-09
Dibenze(a,h)anthracene	2.1E-08	1.9E-08	2.7E-09	3.3E-10	9.3E-10
Fluoranthene	9.1E-16	8.3E-16	1.1E-07	1.3E-08	4.0E-17
Fluorene			2.7E-07	3.3E-08	
Indeno(1,2,3-cd)pyrene	2.8E-08	2.5E-08	8.8E-09	1.1E-09	1.2E-09
Napthalene	2.7E-09	2.4E-09	2.1E-06	2.7E-07	3.5E-06
Perylene		1.9E-16	6.6E-09	8.2E-10	9.2E-18
Phenanthrene			5.0E-07	6.3E-08	
Pyrene	3.1E-15	2.8E-15	1.0E-07	1.3E-08	7.8E-14
Particulate					
Particulate Total Suspended Particulate		4.3E-11	3.3E-04	4.2E-05	2.1E-12
PM<10		5.5E-11	4.4E-04	5.5E-05	2.7E-12
PM<2.5		4.5E-11	3.8E-04	4.7E-05	2.2E-12
PCBs					
Dichlorobiphenyl	8.2E-18	7.0E-18	1.3E-09	1.7E-10	6.5E-16
Heptachlorobiphenyl	9.5E-19	8.1E-19	1.8E-11	2.3E-12	4.1E-17

Table H-203 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Hexachlorobiphenyl	4.3E-18	3.6E-18	7.6E-11	9.5E-12	1.9E-16
Monochlorobiphenyl	5.7E-17	4.8E-17	9.2E-09	1.2E-09	4.5E-15
Nonachlorobiphenyl	1.7E-19	1.4E-19	2.6E-12	3.2E-13	7.2E-18
Octachlorobiphenyl	3.1E-19	2.6E-19	5.5E-12	6.9E-13	1.3E-17
Pentachlorobiphenyl	1.6E-17	1.3E-17	2.6E-10	3.3E-11	6.7E-16
Tetrachlorobiphenyl	3.1E-18	2.7E-18	4.3E-10	5.4E-11	2.5E-16
Trichlorobiphenyl	3.8E-18	3.2E-18	5.5E-10	6.8E-11	3.0E-16
Pesticides					
DDE		9.2E-09			2.9E-07
Dieldrin	8.8E-10	1.0E-09			5.1E-11
SVOCs					
1,2,4-trichlorobenzene			3.9E-09	4.8E-10	
1,2-dichlorobenzene			1.6E-09	1.9E-10	
1,3-Butadiene			3.9E-04		
1,3-dichlorobenzene			2.3E-09	2.9E-10	
1,4-dichlorobenzene			2.2E-08	2.7E-09	
2,4-Dimethylphenol			3.4E-07	4.2E-08	
2-Chlorophenol			6.8E-08	8.5E-09	
2-Methylphenol			8.0E-07	9.9E-08	
2-Nitrophenol			1.1E-07	1.3E-08	
3-Methylphenol & 4-Methylphenol		5.3E-14	1.4E-06	1.8E-07	2.6E-15
4-Nitrophenol			1.8E-07	2.2E-08	

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Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			1.7E-06	2.1E-07	
Benzoic acid			7.7E-06	9.6E-07	
Benzyl alcohol			6.4E-08	8.0E-09	
bis(2-Ethylhexyl) phthalate	9.6E-14	1.1E-13	2.7E-06	3.4E-07	5.6E-15
Butyl benzyl phthalate	4.7E-17	5.5E-17	8.5E-08	1.1E-08	2.7E-18
Carbazole		2.0E-16	2.4E-09	3.0E-10	9.8E-18
Dibenzofuran	2.1E-18	8.1E-18	1.4E-07	1.7E-08	3.5E-15
Dimethyl phthalate			4.8E-09	5.9E-10	
Di-n-butyl phthalate	4.6E-17	5.5E-17	1.3E-07	1.6E-08	2.7E-18
Di-n-octyl phthalate	1.3E-16	1.6E-16	9.2E-09	1.1E-09	7.8E-18
Hexachlorobutadiene			6.3E-07	7.9E-08	
Isopropanol			4.6E-02		
Phenol			4.3E-06	5.4E-07	
Pyridine			4.1E-07	5.1E-08	
TRS					
Total Reduced Sulfur			4.2E-06	5.2E-07	
VOCs					
1,1,1,2-Tetrachloroethane			1.9E-09	2.4E-10	
1,1,1-Trichloroethane			1.9E-09	2.4E-10	
1,1-Dichloroethene			3.7E-10	4.6E-11	
1,2,3-Trichlorobenzene			7.6E-09	9.5E-10	
1,2,3-Trichloropropane			1.5E-09	1.9E-10	

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Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			8.9E-08	1.1E-08	
1,2-Dibromoethane			9.9E-10	1.2E-10	
1,2-Dichloroethane			4.0E-08	1.4E-05	
1,3,5-Trimethylbenzene			8.4E-08	1.0E-08	
1,3-Dichloropropane			9.6E-10	1.2E-10	
2-Butanone			4.7E-07	5.9E-08	
2-Chlorotoluene			2.1E-08	2.6E-09	
2-Hexanone			9.7E-08	1.2E-08	
Benzene			1.6E-03	1.4E-04	
Bromobenzene			5.3E-07	6.6E-08	
Bromochloromethane			1.3E-09	1.6E-10	
Bromodichloromethane			1.4E-09	1.7E-10	
Bromomethane			5.4E-08	6.8E-09	
Carbon disulfide			4.8E-08	6.0E-09	
Carbon tetrachloride			2.0E-03	2.2E-04	
Chlorobenzene			6.9E-08	8.6E-09	
Chlorodibromomethane			3.4E-08	4.2E-09	
Chloroethane			1.3E-07	1.6E-08	
Chloroform			4.6E-04	3.4E-05	
Chloromethane			4.4E-07	5.5E-08	
cis-1,2-Dichloroethene			5.7E-08	7.1E-09	
cis-1,3-Dichloropropene			3.5E-10	4.3E-11	

Table H-203 (Lifetime Average Daily Dose)

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Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			2.9E-09	3.6E-10	
Dichlorodifluoromethane			3.6E-09	4.4E-10	
Ethylbenzene			7.5E-04	3.5E-07	
Isopropylbenzene			2.3E-07	2.8E-08	
m&p-Xylene			5.2E-07	6.5E-08	
Methyl Isobutyl Ketone (4-methyl-2-penta			5.1E-09	6.4E-10	
Methylene chloride			2.6E-07	3.2E-08	
n-Butylbenzene			1.1E-07	1.4E-08	
n-Propylbenzene			1.3E-07	1.7E-08	
o-Xylene			3.3E-07	4.1E-08	
p-Chlorotoluene			7.9E-09	9.9E-10	
p-Isopropyltoluene			5.5E-08	6.9E-09	
sec-Butylbenzene			2.0E-08	2.5E-09	
Styrene			7.3E-06	9.1E-07	
tert-Butylbenzene			6.5E-07	8.2E-08	
Tetrachloroethene			1.7E-09	2.2E-10	
Toluene			4.5E-06	5.6E-07	
trans-1,2-Dichloroethene			1.2E-06	1.5E-07	
trans-1,3-Dichloropropene			6.0E-10	7.5E-11	
Trichloroethene			5.2E-04	1.3E-11	
Trichlorofluoromethane			1.2E-09	1.6E-10	
Vinyl chloride			4.2E-05	8.8E-09	

Table H-204 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			8.4E-07	1.0E-07	
Aldehydes					
Acetaldehyde			1.4E-06	1.8E-07	
Formaldehyde			6.2E-07	7.7E-08	
Propionaldehyde		2.2E-15	1.6E-07	2.0E-08	1.7E-14
CO					
Carbon monoxide			4.5E-05	5.6E-06	
CO2					
Carbon dioxide			1.4E-06	1.8E-07	
Criteria					
Sulfur Dioxide			3.8E-07	4.7E-08	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	2.2E-15	8.5E-15	8.5E-13	1.1E-13	4.2E-19
1,2,3,4,6,7,8-HpCDF	2.2E-15	8.6E-15	8.6E-13	1.1E-13	4.2E-19
1,2,3,4,7,8,9-HpCDF	2.5E-16	9.9E-16	1.1E-13	1.4E-14	4.8E-20
1,2,3,4,7,8-HxCDD	2.5E-16	9.7E-16	1.0E-13	1.3E-14	4.7E-20
1,2,3,4,7,8-HxCDF	2.0E-15	7.7E-15	8.3E-13	1.0E-13	3.8E-19
1,2,3,6,7,8-HxCDD	5.0E-16	2.0E-15	2.1E-13	2.7E-14	9.7E-20
1,2,3,6,7,8-HxCDF	6.4E-16	2.5E-15	2.7E-13	3.4E-14	1.2E-19
1,2,3,7,8,9-HxCDD	7.9E-16	3.1E-15	3.2E-13	4.1E-14	1.5E-19
1,2,3,7,8,9-HxCDF	4.6E-17	1.8E-16	2.1E-14	2.6E-15	8.8E-21

Table H-204 (Average Daily Dose)

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Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	2.8E-16	1.1E-15	1.3E-13	1.6E-14	5.4E-20
1,2,3,7,8-PeCDF	3.3E-16	1.3E-15	1.8E-13	2.3E-14	6.3E-20
2,3,4,6,7,8-HxCDF	1.0E-15	3.9E-15	4.2E-13	5.2E-14	1.9E-19
2,3,4,7,8-PeCDF	7.8E-16	3.1E-15	4.1E-13	5.2E-14	1.5E-19
2,3,7,8-TCDD	5.5E-17	2.2E-16	5.2E-14	6.5E-15	7.4E-18
2,3,7,8-TCDF	1.0E-16	4.0E-16	1.9E-13	2.4E-14	2.0E-20
OCDD	1.5E-15	5.8E-15	5.6E-13	7.0E-14	2.8E-19
OCDF	5.7E-16	2.2E-15	2.1E-13	2.6E-14	1.1E-19
HCN					
Hydrogen cyanide			1.6E-07	2.0E-08	
Metals					
Aluminum		9.4E-03			4.6E-07
Antimony		4.3E-07	1.0E-08	1.3E-09	2.1E-11
Arsenic	2.0E-07	4.6E-07	5.9E-10	7.4E-11	3.8E-11
Barium		4.4E-09	1.3E-07	1.6E-08	2.1E-13
Beryllium		1.0E-15	4.3E-11	5.4E-12	5.1E-20
Cadmium		8.2E-16	7.6E-10	9.5E-11	4.0E-20
Chromium		9.6E-11	6.5E-09	8.1E-10	4.7E-15
Cobalt		1.8E-05	9.8E-09	1.2E-09	8.8E-10
Copper		4.5E-10	1.8E-08	2.2E-09	2.2E-14
Iron		1.7E-02			8.4E-07
Lead		8.6E-05	6.0E-09	7.5E-10	4.2E-09

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Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		8.0E-13	5.5E-09	6.8E-10	3.9E-17
Mercury (+2)		6.4E-14	2.4E-11	2.9E-12	3.1E-18
Mercury, elemental		2.3E-08	9.8E-14	1.2E-14	4.3E-08
Methyl Mercury		3.8E-15			1.9E-19
Nickel		4.0E-04	3.5E-09	4.3E-10	2.0E-08
Phosphorus		7.5E-15	2.6E-08	3.3E-09	7.2E-14
Selenium		4.0E-17	1.7E-10	2.2E-11	2.0E-21
Silver		8.5E-13	1.1E-10	1.4E-11	4.2E-17
Titanium		8.0E-15	6.1E-11	7.6E-12	3.9E-19
Zinc		1.8E-13	1.4E-07	1.7E-08	9.0E-18
NOx					
NOx (Oxides of Nitrogen)			1.6E-06	2.0E-07	
PAHs					
1-Methylnaphthalene	2.4E-16	2.2E-16	3.3E-08	4.1E-09	2.5E-16
1-Methylphenanthrene		1.5E-13	3.9E-09	4.9E-10	7.1E-18
2,3,5-Trimethylnaphthalene		6.8E-14	1.9E-09	2.4E-10	3.3E-18
2,6-Dimethylnaphthalene		1.9E-13	5.1E-09	6.4E-10	9.1E-18
2-Methylnaphthalene	2.3E-16	2.1E-16	3.2E-08	4.0E-09	2.4E-16
Acenaphthylene		6.0E-13	1.9E-08	2.4E-09	2.9E-17
Acenaphthene			3.5E-09	4.3E-10	
Anthracene			6.1E-09	7.6E-10	
Benzo(a)anthracene	9.0E-06	8.1E-06	3.0E-09	3.7E-10	1.2E-07

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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)pyrene	7.5E-06	6.8E-06	1.2E-09	1.5E-10	3.4E-10
Benzo(b)fluoranthene	1.2E-05	1.1E-05	1.3E-09	1.6E-10	5.5E-10
Benzo(e)pyrene		3.4E-14	1.0E-09	1.3E-10	1.7E-18
Benzo(g,h,i)perylene		2.5E-14	7.7E-10	9.6E-11	1.2E-18
Benzo(k)fluoranthene	6.6E-06	6.0E-06	1.2E-11	1.5E-12	2.9E-10
Biphenyl		3.3E-15	1.1E-07	1.4E-08	2.0E-15
Chrysene	9.4E-06	8.6E-06	5.1E-09	6.4E-10	4.2E-10
Dibenze(a,h)anthracene	1.5E-06	1.3E-06	1.9E-10	2.3E-11	6.5E-11
Fluoranthene	6.8E-14	6.1E-14	7.5E-09	9.4E-10	3.0E-18
Fluorene			1.9E-08	2.3E-09	
Indeno(1,2,3-cd)pyrene	1.9E-06	1.8E-06	6.2E-10	7.7E-11	8.6E-11
Napthalene	1.9E-07	1.7E-07	1.5E-07	1.9E-08	2.5E-07
Perylene		1.3E-14	4.6E-10	5.8E-11	6.5E-19
Phenanthrene			3.5E-08	4.4E-09	
Pyrene	2.8E-13	2.5E-13	7.3E-09	9.1E-10	7.1E-15
Particulate					
Particulate Total Suspended Particulate		3.0E-09	2.3E-05	2.9E-06	1.5E-13
PM<10		3.8E-09	3.1E-05	3.9E-06	1.9E-13
PM<2.5		3.2E-09	2.6E-05	3.3E-06	1.6E-13
PCBs					
Dichlorobiphenyl	9.9E-16	8.3E-16	9.3E-11	1.2E-11	7.8E-17
Heptachlorobiphenyl	1.2E-16	9.8E-17	1.3E-12	1.6E-13	5.0E-18

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Exposure Unit	04
Exposure Scenario	Camp Justice
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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Hexachlorobiphenyl	5.2E-16	4.4E-16	5.3E-12	6.7E-13	2.3E-17
Monochlorobiphenyl	6.9E-15	5.8E-15	6.5E-10	8.1E-11	5.4E-16
Nonachlorobiphenyl	2.0E-17	1.7E-17	1.8E-13	2.2E-14	8.8E-19
Octachlorobiphenyl	3.8E-17	3.2E-17	3.9E-13	4.9E-14	1.6E-18
Pentachlorobiphenyl	1.9E-15	1.6E-15	1.8E-11	2.3E-12	8.1E-17
Tetrachlorobiphenyl	3.8E-16	3.2E-16	3.0E-11	3.8E-12	3.0E-17
Trichlorobiphenyl	4.5E-16	3.8E-16	3.8E-11	4.8E-12	3.6E-17
Pesticides					
DDE		6.4E-07			2.0E-08
Dieldrin	6.2E-08	7.3E-08			3.6E-12
SVOCs					
1,2,4-trichlorobenzene			2.7E-10	3.4E-11	
1,2-dichlorobenzene			1.1E-10	1.4E-11	
1,3-Butadiene			2.7E-05		
1,3-dichlorobenzene			1.6E-10	2.0E-11	
1,4-dichlorobenzene			1.5E-09	1.9E-10	
2,4-Dimethylphenol			2.4E-08	3.0E-09	
2-Chlorophenol			4.7E-09	5.9E-10	
2-Methylphenol			5.6E-08	7.0E-09	
2-Nitrophenol			7.6E-09	9.4E-10	
3-Methylphenol & 4-Methylphenol		3.7E-12	1.0E-07	1.3E-08	1.8E-16
4-Nitrophenol			1.3E-08	1.6E-09	

Table H-204 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			1.2E-07	1.5E-08	
Benzoic acid			5.4E-07	6.7E-08	
Benzyl alcohol			4.5E-09	5.6E-10	
bis(2-Ethylhexyl) phthalate	6.7E-12	8.0E-12	1.9E-07	2.4E-08	3.9E-16
Butyl benzyl phthalate	3.3E-15	3.8E-15	6.0E-09	7.5E-10	1.9E-19
Carbazole		1.4E-14	1.7E-10	2.1E-11	6.9E-19
Dibenzofuran	1.4E-16	5.7E-16	9.5E-09	1.2E-09	2.4E-16
Dimethyl phthalate			3.3E-10	4.2E-11	
Di-n-butyl phthalate	3.3E-15	3.9E-15	9.2E-09	1.1E-09	1.9E-19
Di-n-octyl phthalate	9.4E-15	1.1E-14	6.4E-10	8.0E-11	5.5E-19
Hexachlorobutadiene			4.4E-08	5.5E-09	
Isopropanol			3.2E-03		
Phenol			3.0E-07	3.8E-08	
Pyridine			2.9E-08	3.6E-09	
TRS					
Total Reduced Sulfur			2.9E-07	3.6E-08	
VOCs					
1,1,1,2-Tetrachloroethane			1.3E-10	1.7E-11	
1,1,1-Trichloroethane			1.3E-10	1.7E-11	
1,1-Dichloroethene			2.6E-11	3.2E-12	
1,2,3-Trichlorobenzene			5.3E-10	6.7E-11	
1,2,3-Trichloropropane			1.1E-10	1.4E-11	

Table H-204 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			6.2E-09	7.8E-10	
1,2-Dibromoethane			6.9E-11	8.6E-12	
1,2-Dichloroethane			2.8E-09	1.0E-06	
1,3,5-Trimethylbenzene			5.9E-09	7.3E-10	
1,3-Dichloropropane			6.7E-11	8.4E-12	
2-Butanone			3.3E-08	4.1E-09	
2-Chlorotoluene			1.5E-09	1.8E-10	
2-Hexanone			6.8E-09	8.4E-10	
Benzene			1.1E-04	9.7E-06	
Bromobenzene			3.7E-08	4.7E-09	
Bromochloromethane			8.8E-11	1.1E-11	
Bromodichloromethane			9.5E-11	1.2E-11	
Bromomethane			3.8E-09	4.8E-10	
Carbon disulfide			3.3E-09	4.2E-10	
Carbon tetrachloride			1.4E-04	1.5E-05	
Chlorobenzene			4.8E-09	6.0E-10	
Chlorodibromomethane			2.4E-09	3.0E-10	
Chloroethane			9.1E-09	1.1E-09	
Chloroform			3.2E-05	2.4E-06	
Chloromethane			3.1E-08	3.9E-09	
cis-1,2-Dichloroethene			4.0E-09	5.0E-10	
cis-1,3-Dichloropropene			2.4E-11	3.0E-12	

Table H-204 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			2.0E-10	2.5E-11	
Dichlorodifluoromethane			2.5E-10	3.1E-11	
Ethylbenzene			5.3E-05	2.4E-08	
Isopropylbenzene			1.6E-08	2.0E-09	
m&p-Xylene			3.6E-08	4.6E-09	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.6E-10	4.5E-11	
Methylene chloride			1.8E-08	2.3E-09	
n-Butylbenzene			7.8E-09	9.7E-10	
n-Propylbenzene			9.4E-09	1.2E-09	
o-Xylene			2.3E-08	2.9E-09	
p-Chlorotoluene			5.5E-10	6.9E-11	
p-Isopropyltoluene			3.8E-09	4.8E-10	
sec-Butylbenzene			1.4E-09	1.8E-10	
Styrene			5.1E-07	6.4E-08	
tert-Butylbenzene			4.6E-08	5.7E-09	
Tetrachloroethene			1.2E-10	1.5E-11	
Toluene			3.2E-07	3.9E-08	
trans-1,2-Dichloroethene			8.4E-08	1.1E-08	
trans-1,3-Dichloropropene			4.2E-11	5.3E-12	
Trichloroethene			3.7E-05	9.1E-13	
Trichlorofluoromethane			8.7E-11	1.1E-11	
Vinyl chloride			3.0E-06	6.2E-10	

Table H-205 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						1.2E-05	2.8E-05	1.5E-06	1.5E-06		
Aldehydes											
Acetaldehyde	1.3E-15					2.1E-05	4.8E-05	2.6E-06	2.6E-06		
Formaldehyde	6.5E-15					8.8E-06	2.0E-05	1.1E-06	1.1E-06		
Propionaldehyde				3.2E-17	9.0E-17	2.3E-06	5.2E-06	2.8E-07	2.8E-07	2.4E-13	1.5E-12
CO											
Carbon monoxide						6.4E-04	1.5E-03	8.0E-05	8.0E-05		
CO2											
Carbon dioxide						2.0E-05	4.6E-05	2.5E-06	2.5E-06		
Criteria											
Sulfur Dioxide						5.4E-06	1.2E-05	6.8E-07	6.8E-07		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-20	1.8E-17	2.5E-17	7.0E-17	2.0E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	3.4E-18	2.1E-17
1,2,3,4,6,7,8-HpCDF	1.7E-20	1.8E-17	2.5E-17	7.1E-17	2.0E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	3.5E-18	2.1E-17
1,2,3,4,7,8,9-HpCDF	2.6E-21	2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.6E-12	3.6E-12	1.9E-13	1.9E-13	4.0E-19	2.5E-18
1,2,3,4,7,8-HxCDD	2.0E-20	2.0E-18	2.8E-18	7.9E-18	2.2E-17	1.5E-12	3.3E-12	1.8E-13	1.8E-13	3.9E-19	2.4E-18
1,2,3,4,7,8-HxCDF	1.4E-19	1.6E-17	2.2E-17	6.3E-17	1.8E-16	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.1E-18	1.9E-17
1,2,3,6,7,8-HxCDD	3.8E-20	4.1E-18	5.7E-18	1.6E-17	4.5E-17	3.1E-12	7.1E-12	3.8E-13	3.8E-13	7.9E-19	4.9E-18
1,2,3,6,7,8-HxCDF	5.1E-20	5.2E-18	7.3E-18	2.1E-17	5.8E-17	3.8E-12	8.8E-12	4.8E-13	4.8E-13	1.0E-18	6.2E-18
1,2,3,7,8,9-HxCDD	5.5E-20	6.5E-18	9.1E-18	2.6E-17	7.1E-17	4.6E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	7.7E-18
1,2,3,7,8,9-HxCDF	4.1E-21	3.7E-19	5.2E-19	1.5E-18	4.1E-18	2.9E-13	6.8E-13	3.7E-14	3.7E-14	7.2E-20	4.5E-19
1,2,3,7,8-PeCDD	1.1E-19	2.3E-18	3.2E-18	9.0E-18	2.5E-17	1.8E-12	4.3E-12	2.3E-13	2.3E-13	4.4E-19	2.7E-18
1,2,3,7,8-PeCDF	1.5E-19	2.7E-18	3.7E-18	1.1E-17	3.0E-17	2.6E-12	6.1E-12	3.3E-13	3.3E-13	5.2E-19	3.2E-18

Table H-205 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.3E-20	8.2E-18	1.1E-17	3.2E-17	9.0E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	1.6E-18	9.7E-18
2,3,4,7,8-PeCDF	2.3E-19	6.4E-18	9.0E-18	2.5E-17	7.1E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	1.2E-18	7.6E-18
2,3,7,8-TCDD	3.6E-20	4.6E-19	6.4E-19	1.8E-18	5.1E-18	7.4E-13	1.7E-12	9.3E-14	9.3E-14	6.2E-17	3.8E-16
2,3,7,8-TCDF	1.1E-19	8.4E-19	1.2E-18	3.3E-18	9.3E-18	2.7E-12	6.3E-12	3.4E-13	3.4E-13	1.6E-19	1.0E-18
OCDD	2.4E-22	1.2E-17	1.7E-17	4.7E-17	1.3E-16	8.0E-12	1.9E-11	1.0E-12	1.0E-12	2.3E-18	1.4E-17
OCDF	8.8E-23	4.6E-18	6.5E-18	1.8E-17	5.1E-17	3.0E-12	7.0E-12	3.8E-13	3.8E-13	9.0E-19	5.5E-18
HCN											
Hydrogen cyanide						2.3E-06	5.2E-06	2.8E-07	2.8E-07		
Metals											
Aluminum				1.3E-04	2.8E-04					6.6E-06	3.0E-05
Antimony	2.2E-19			6.1E-09	2.1E-08	1.5E-07	3.4E-07	1.9E-08	1.9E-08	3.0E-10	2.2E-09
Arsenic	1.2E-17	2.8E-09	3.3E-09	6.6E-09	1.6E-08	8.5E-09	2.0E-08	1.1E-09	1.1E-09	5.4E-10	2.8E-09
Barium	3.1E-14			3.9E-11	1.1E-10	1.8E-06	4.2E-06	2.2E-07	2.2E-07	1.9E-12	1.2E-11
Beryllium	4.7E-19			1.5E-17	4.2E-17	6.1E-10	1.4E-09	7.7E-11	7.7E-11	7.3E-19	4.5E-18
Cadmium	1.2E-16			1.2E-17	3.3E-17	1.1E-08	2.5E-08	1.4E-09	1.4E-09	5.7E-19	3.5E-18
Chromium	3.5E-17			1.0E-12	2.8E-12	9.2E-08	2.1E-07	1.2E-08	1.2E-08	5.0E-14	3.1E-13
Cobalt				2.6E-07	5.3E-07	1.4E-07	3.2E-07	1.8E-08	1.8E-08	1.3E-08	5.7E-08
Copper				4.2E-12	1.2E-11	2.5E-07	5.9E-07	3.2E-08	3.2E-08	2.0E-13	1.3E-12
Iron				2.5E-04	5.4E-04					1.2E-05	5.8E-05
Lead	9.9E-20			1.2E-06	3.3E-06	8.5E-08	2.0E-07	1.1E-08	1.1E-08	6.0E-08	3.5E-07
Manganese				1.1E-14	3.2E-14	7.8E-08	1.8E-07	9.7E-09	9.7E-09	5.6E-16	3.4E-15
Mercury (+2)				4.6E-16	1.3E-15	3.4E-10	7.8E-10	4.2E-11	4.2E-11	2.2E-17	1.4E-16
Mercury, elemental				3.2E-10	6.3E-10	1.4E-12	3.2E-12	1.8E-13	1.8E-13	6.2E-07	3.8E-06
Methyl Mercury	1.2E-16			2.7E-17	7.6E-17					1.3E-18	8.2E-18

Table H-205 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	4.7E-17			5.7E-06	1.0E-05	5.0E-08	1.1E-07	6.2E-09	6.2E-09	2.8E-07	1.1E-06
Phosphorus				1.1E-16	3.0E-16	3.8E-07	8.7E-07	4.7E-08	4.7E-08	1.0E-12	6.4E-12
Selenium	3.9E-18			5.8E-19	1.6E-18	2.5E-09	5.8E-09	3.1E-10	3.1E-10	2.8E-20	1.7E-19
Silver	2.9E-18			1.1E-14	3.0E-14	1.6E-09	3.8E-09	2.0E-10	2.0E-10	5.2E-16	3.2E-15
Thallium (Soluble Salts)					2.4E-09						2.6E-10
Titanium				1.1E-16	3.2E-16	8.7E-10	2.0E-09	1.1E-10	1.1E-10	5.6E-18	3.5E-17
Zinc	5.8E-14			2.6E-15	7.4E-15	2.0E-06	4.5E-06	2.4E-07	2.4E-07	1.3E-16	8.0E-16
NOx											
NOx (Oxides of Nitrogen)						2.2E-05	5.2E-05	2.8E-06	2.8E-06		
PAHs											
1-Methylnaphthalene		3.4E-18	4.8E-18	3.1E-18	8.7E-18	4.7E-07	1.1E-06	5.9E-08	5.9E-08	3.5E-15	2.2E-14
1-Methylphenanthrene				2.1E-15	5.8E-15	5.6E-08	1.3E-07	7.0E-09	7.0E-09	1.0E-16	6.3E-16
2,3,5-Trimethylnaphthalene				9.7E-16	2.7E-15	2.8E-08	6.4E-08	3.5E-09	3.5E-09	4.8E-17	2.9E-16
2,6-Dimethylnaphthalene				2.7E-15	7.4E-15	7.4E-08	1.7E-07	9.2E-09	9.2E-09	1.3E-16	8.0E-16
2-Methylnaphthalene		3.3E-18	4.6E-18	3.0E-18	8.4E-18	4.6E-07	1.1E-06	5.7E-08	5.7E-08	3.4E-15	2.1E-14
Acenaphthylene				8.5E-15	2.4E-14	2.7E-07	6.2E-07	3.4E-08	3.4E-08	4.2E-16	2.6E-15
Acenapthene	4.8E-17					4.9E-08	1.1E-07	6.2E-09	6.2E-09		
Anthracene	6.1E-16					8.7E-08	2.0E-07	1.1E-08	1.1E-08		
Benzo(a)anthracene	8.8E-14	1.3E-07	7.3E-09	1.2E-07	1.3E-08	4.3E-08	9.9E-08	5.3E-09	5.3E-09	1.8E-06	1.1E-05
Benzo(a)pyrene	4.4E-14	1.1E-07	8.0E-09	9.8E-08	1.5E-08	1.7E-08	3.9E-08	2.1E-09	2.1E-09	4.8E-09	1.6E-09
Benzo(b)fluoranthene	1.2E-14	1.7E-07	1.1E-08	1.6E-07	2.0E-08	1.9E-08	4.3E-08	2.3E-09	2.3E-09	7.8E-09	2.2E-09
Benzo(e)pyrene				4.9E-16	1.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	2.4E-17	1.5E-16
Benzo(g,h,i)perylene				3.6E-16	1.0E-15	1.1E-08	2.5E-08	1.4E-09	1.4E-09	1.8E-17	1.1E-16
Benzo(k)fluoranthene	9.8E-17	9.4E-08	5.7E-09	8.6E-08	1.0E-08	1.7E-10	3.8E-10	2.1E-11	2.1E-11	4.2E-09	1.1E-09

Table H-205 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				4.8E-17	1.3E-16	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.8E-14	1.7E-13
Chrysene	1.5E-14	1.3E-07	8.2E-09	1.2E-07	1.5E-08	7.3E-08	1.7E-07	9.1E-09	9.1E-09	6.0E-09	1.6E-09
Dibenze(a,h)anthracene	2.2E-15	2.1E-08	2.0E-09	1.9E-08	3.6E-09	2.7E-09	6.1E-09	3.3E-10	3.3E-10	9.3E-10	3.9E-10
Fluoranthene	4.0E-15	9.1E-16	1.3E-15	8.3E-16	2.3E-15	1.1E-07	2.5E-07	1.3E-08	1.3E-08	4.0E-17	2.5E-16
Fluorene	8.7E-16					2.7E-07	6.2E-07	3.3E-08	3.3E-08		
Indeno(1,2,3-cd)pyrene	5.5E-15	2.8E-08	5.2E-09	2.5E-08	9.5E-09	8.8E-09	2.0E-08	1.1E-09	1.1E-09	1.2E-09	1.0E-09
Napthalene	4.0E-16	2.7E-09		2.4E-09		2.1E-06	4.9E-06	2.7E-07	2.7E-07	3.5E-06	2.2E-05
Perylene				1.9E-16	5.3E-16	6.6E-09	1.5E-08	8.2E-10	8.2E-10	9.2E-18	5.7E-17
Phenanthrene	4.2E-15					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
Pyrene	2.9E-15	3.1E-15	4.3E-15	2.8E-15	7.8E-15	1.0E-07	2.4E-07	1.3E-08	1.3E-08	7.8E-14	4.8E-13
Particulate											
Particulate Total Suspended Particulate				4.3E-11	1.2E-10	3.3E-04	7.7E-04	4.2E-05	4.2E-05	2.1E-12	1.3E-11
PM<10				5.5E-11	1.5E-10	4.4E-04	1.0E-03	5.5E-05	5.5E-05	2.7E-12	1.7E-11
PM<2.5				4.5E-11	1.3E-10	3.8E-04	8.7E-04	4.7E-05	4.7E-05	2.2E-12	1.4E-11
PCBs											
Dichlorobiphenyl	8.7E-17	8.2E-18	1.2E-17	7.0E-18	1.9E-17	1.3E-09	3.1E-09	1.7E-10	1.7E-10	6.5E-16	4.0E-15
Heptachlorobiphenyl	3.3E-18	9.5E-19	1.3E-18	8.1E-19	2.3E-18	1.8E-11	4.2E-11	2.3E-12	2.3E-12	4.1E-17	2.5E-16
Hexachlorobiphenyl	1.3E-17	4.3E-18	6.0E-18	3.6E-18	1.0E-17	7.6E-11	1.8E-10	9.5E-12	9.5E-12	1.9E-16	1.1E-15
Monochlorobiphenyl	6.1E-16	5.7E-17	8.0E-17	4.8E-17	1.4E-16	9.2E-09	2.1E-08	1.2E-09	1.2E-09	4.5E-15	2.8E-14
Nonachlorobiphenyl	4.1E-19	1.7E-19	2.4E-19	1.4E-19	4.0E-19	2.6E-12	5.9E-12	3.2E-13	3.2E-13	7.2E-18	4.5E-17
Octachlorobiphenyl	9.7E-19	3.1E-19	4.3E-19	2.6E-19	7.3E-19	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.3E-17	8.2E-17
Pentachlorobiphenyl	4.4E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	2.6E-10	6.0E-10	3.3E-11	3.3E-11	6.7E-16	4.1E-15
Tetrachlorobiphenyl	2.6E-17	3.1E-18	4.4E-18	2.7E-18	7.4E-18	4.3E-10	9.9E-10	5.4E-11	5.4E-11	2.5E-16	1.5E-15
Trichlorobiphenyl	3.4E-17	3.8E-18	5.3E-18	3.2E-18	8.9E-18	5.5E-10	1.3E-09	6.8E-11	6.8E-11	3.0E-16	1.8E-15

Table H-205 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				9.2E-09	3.1E-09					2.9E-07	1.8E-06
Dieldrin		8.8E-10	1.4E-10	1.0E-09	3.4E-10					5.1E-11	3.6E-11
SVOCs											
1,2,4-trichlorobenzene						3.9E-09	8.9E-09	4.8E-10	4.8E-10		
1,2-dichlorobenzene	3.9E-20					1.6E-09	3.6E-09	1.9E-10	1.9E-10		
1,3-Butadiene						3.9E-04					
1,3-dichlorobenzene	9.9E-20					2.3E-09	5.4E-09	2.9E-10	2.9E-10		
1,4-dichlorobenzene	1.3E-18					2.2E-08	5.0E-08	2.7E-09	2.7E-09		
2,4-Dimethylphenol	3.6E-17					3.4E-07	7.8E-07	4.2E-08	4.2E-08		
2-Chlorophenol	1.8E-18					6.8E-08	1.6E-07	8.5E-09	8.5E-09		
2-Methylphenol	7.5E-16					8.0E-07	1.8E-06	9.9E-08	9.9E-08		
2-Nitrophenol	4.6E-18					1.1E-07	2.5E-07	1.3E-08	1.3E-08		
3-Methylphenol & 4-Methylphenol				5.3E-14	1.5E-13	1.4E-06	3.3E-06	1.8E-07	1.8E-07	2.6E-15	1.6E-14
4-Nitrophenol	9.3E-18					1.8E-07	4.1E-07	2.2E-08	2.2E-08		
Acetophenone	5.6E-17					1.7E-06	3.9E-06	2.1E-07	2.1E-07		
Benzoic acid	2.3E-16					7.7E-06	1.8E-05	9.6E-07	9.6E-07		
Benzyl alcohol	1.4E-19					6.4E-08	1.5E-07	8.0E-09	8.0E-09		
bis(2-Ethylhexyl) phthalate	7.0E-15	9.6E-14	1.3E-13	1.1E-13	3.2E-13	2.7E-06	6.3E-06	3.4E-07	3.4E-07	5.6E-15	3.4E-14
Butyl benzyl phthalate	2.5E-15	4.7E-17	6.5E-17	5.5E-17	1.5E-16	8.5E-08	2.0E-07	1.1E-08	1.1E-08	2.7E-18	1.7E-17
Carbazole				2.0E-16	5.6E-16	2.4E-09	5.5E-09	3.0E-10	3.0E-10	9.8E-18	6.0E-17
Dibenzofuran		2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.4E-07	3.1E-07	1.7E-08	1.7E-08	3.5E-15	2.1E-14
Dimethyl phthalate	9.2E-19					4.8E-09	1.1E-08	5.9E-10	5.9E-10		
Di-n-butyl phthalate	2.4E-14	4.6E-17	6.5E-17	5.5E-17	1.5E-16	1.3E-07	3.0E-07	1.6E-08	1.6E-08	2.7E-18	1.7E-17

Table H-205 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.8E-19	1.3E-16	1.9E-16	1.6E-16	4.4E-16	9.2E-09	2.1E-08	1.1E-09	1.1E-09	7.8E-18	4.8E-17
Hexachlorobutadiene	9.6E-17					6.3E-07	1.5E-06	7.9E-08	7.9E-08		
Isopropanol						4.6E-02	3.2E-02				
p-Chloroaniline			4.7E-09		1.1E-08						1.2E-09
Phenol	2.1E-15					4.3E-06	9.9E-06	5.4E-07	5.4E-07		
Pyridine	1.1E-16					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
TRS											
Total Reduced Sulfur						4.2E-06	9.6E-06	5.2E-07	5.2E-07		
VOCs											
1,1,1,2-Tetrachloroethane	3.8E-20					1.9E-09	4.5E-09	2.4E-10	2.4E-10		
1,1,1-Trichloroethane	2.5E-21					1.9E-09	4.4E-09	2.4E-10	2.4E-10		
1,1-Dichloroethene	8.5E-23					3.7E-10	8.6E-10	4.6E-11	4.6E-11		
1,2,3-Trichlorobenzene	2.7E-18					7.6E-09	1.8E-08	9.5E-10	9.5E-10		
1,2,3-Trichloropropane	1.5E-20					1.5E-09	3.6E-09	1.9E-10	1.9E-10		
1,2,4-Trimethylbenzene						8.9E-08	2.1E-07	1.1E-08	1.1E-08		
1,2-Dibromoethane	5.3E-21					9.9E-10	2.3E-09	1.2E-10	1.2E-10		
1,2-Dichloroethane	1.7E-19					4.0E-08	6.3E-04	1.4E-05	1.4E-05		
1,3,5-Trimethylbenzene	8.6E-19					8.4E-08	1.9E-07	1.0E-08	1.0E-08		
1,3-Dichloropropane						9.6E-10	2.2E-09	1.2E-10	1.2E-10		
2-Butanone	3.5E-17					4.7E-07	1.1E-06	5.9E-08	5.9E-08		
2-Chlorotoluene						2.1E-08	4.9E-08	2.6E-09	2.6E-09		
2-Hexanone						9.7E-08	2.2E-07	1.2E-08	1.2E-08		
Benzene	2.8E-17					1.6E-03	3.8E-03	1.4E-04	1.4E-04		
Bromobenzene						5.3E-07	1.2E-06	6.6E-08	6.6E-08		

Table H-205 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromochloromethane						1.3E-09	2.9E-09	1.6E-10	1.6E-10		
Bromodichloromethane	4.5E-21					1.4E-09	4.8E-03	1.7E-10	1.7E-10		
Bromoform							2.2E-02				
Bromomethane	1.9E-20					5.4E-08	1.3E-07	6.8E-09	6.8E-09		
Carbon disulfide	1.8E-20					4.8E-08	1.1E-07	6.0E-09	6.0E-09		
Carbon tetrachloride	1.9E-21					2.0E-03	5.6E-03	2.2E-04	2.2E-04		
Chlorobenzene	6.7E-19					6.9E-08	1.6E-07	8.6E-09	8.6E-09		
Chlorodibromomethane	2.6E-19					3.4E-08	7.8E-08	4.2E-09	4.2E-09		
Chloroethane	5.3E-20					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
Chloroform	4.0E-20					4.6E-04	1.1E-02	3.4E-05	3.4E-05		
Chloromethane	1.4E-19					4.4E-07	1.0E-06	5.5E-08	5.5E-08		
cis-1,2-Dichloroethene	5.4E-20					5.7E-08	1.3E-07	7.1E-09	7.1E-09		
cis-1,3-Dichloropropene						3.5E-10	8.0E-10	4.3E-11	4.3E-11		
Dibromomethane	6.0E-21					2.9E-09	6.7E-09	3.6E-10	3.6E-10		
Dichlorodifluoromethane	6.7E-23					3.6E-09	8.2E-09	4.4E-10	4.4E-10		
Ethylbenzene	2.1E-17					7.5E-04	3.2E-03	3.5E-07	3.5E-07		
Isopropylbenzene	2.8E-20					2.3E-07	5.2E-07	2.8E-08	2.8E-08		
m&p-Xylene	3.4E-18					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Methyl Isobutyl Ketone (4-methyl-2-per	3.4E-20					5.1E-09	1.2E-08	6.4E-10	6.4E-10		
Methylene chloride	3.7E-19					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
n-Butylbenzene						1.1E-07	2.6E-07	1.4E-08	1.4E-08		
n-Propylbenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08		
o-Xylene	4.0E-18					3.3E-07	7.6E-07	4.1E-08	4.1E-08		
p-Chlorotoluene						7.9E-09	1.8E-08	9.9E-10	9.9E-10		

Table H-205 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
p-Isopropyltoluene						5.5E-08	1.3E-07	6.9E-09	6.9E-09		
sec-Butylbenzene						2.0E-08	4.7E-08	2.5E-09	2.5E-09		
Styrene	1.3E-16					7.3E-06	1.7E-05	9.1E-07	9.1E-07		
tert-Butylbenzene						6.5E-07	1.5E-06	8.2E-08	8.2E-08		
Tetrachloroethene	9.4E-21					1.7E-09	4.0E-09	2.2E-10	2.2E-10		
Toluene	2.2E-17					4.5E-06	1.0E-05	5.6E-07	5.6E-07		
trans-1,2-Dichloroethene	8.4E-19					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
trans-1,3-Dichloropropene						6.0E-10	1.4E-09	7.5E-11	7.5E-11		
Trichloroethene	9.7E-23					5.2E-04	6.4E-03	1.3E-11	1.3E-11		
Trichlorofluoromethane	1.5E-22					1.2E-09	2.9E-09	1.6E-10	1.6E-10		
Vinyl chloride	6.9E-21					4.2E-05	1.6E-07	8.8E-09	8.8E-09		

Table H-206 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					6.2E-07	1.4E-06	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19	
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19	
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18	
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19	
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19	
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19	
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20	
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19	
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19	

Table H-206 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				9.4E-03	2.0E-02					4.6E-07	2.1E-06
Antimony	1.6E-17			4.3E-07	1.4E-06	1.0E-08	2.4E-08	1.3E-09	1.3E-09	2.1E-11	1.5E-10
Arsenic	8.1E-16	2.0E-07	2.3E-07	4.6E-07	1.1E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	3.8E-11	2.0E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				1.8E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	8.8E-10	4.0E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				1.7E-02	3.7E-02					8.4E-07	4.0E-06
Lead	6.9E-18			8.6E-05	2.3E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	4.2E-09	2.5E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				2.3E-08	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	4.3E-08	2.7E-07
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18

Table H-206 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			4.0E-04	7.1E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.0E-08	7.7E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Thallium (Soluble Salts)					1.7E-07						1.8E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	9.0E-06	5.1E-07	8.1E-06	9.3E-07	3.0E-09	6.9E-09	3.7E-10	3.7E-10	1.2E-07	7.6E-07
Benzo(a)pyrene	3.1E-12	7.5E-06	5.6E-07	6.8E-06	1.0E-06	1.2E-09	2.7E-09	1.5E-10	1.5E-10	3.4E-10	1.1E-10
Benzo(b)fluoranthene	8.3E-13	1.2E-05	7.9E-07	1.1E-05	1.4E-06	1.3E-09	3.0E-09	1.6E-10	1.6E-10	5.5E-10	1.5E-10
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	6.6E-06	4.0E-07	6.0E-06	7.2E-07	1.2E-11	2.7E-11	1.5E-12	1.5E-12	2.9E-10	7.8E-11

Table H-206 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	9.4E-06	5.7E-07	8.6E-06	1.0E-06	5.1E-09	1.2E-08	6.4E-10	6.4E-10	4.2E-10	1.1E-10
Dibenze(a,h)anthracene	1.6E-13	1.5E-06	1.4E-07	1.3E-06	2.5E-07	1.9E-10	4.3E-10	2.3E-11	2.3E-11	6.5E-11	2.7E-11
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.9E-06	3.6E-07	1.8E-06	6.6E-07	6.2E-10	1.4E-09	7.7E-11	7.7E-11	8.6E-11	7.1E-11
Napthalene	2.8E-14	1.9E-07		1.7E-07		1.5E-07	3.4E-07	1.9E-08	1.9E-08	2.5E-07	1.5E-06
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16

Table H-206 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				6.4E-07	2.2E-07					2.0E-08	1.3E-07
Dieldrin		6.2E-08	1.0E-08	7.3E-08	2.4E-08					3.6E-12	2.5E-12
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						2.7E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18

Table H-206 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						3.2E-03	2.3E-03				
p-Chloroaniline			3.3E-07		7.7E-07						8.4E-11
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	4.4E-05	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					1.1E-04	2.7E-04	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		

Table H-206 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	3.4E-04	1.2E-11	1.2E-11		
Bromoform							1.5E-03				
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.4E-04	3.9E-04	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					3.2E-05	7.9E-04	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					5.3E-05	2.2E-04	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-pent	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		

Table H-206 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10				
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10				
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08				
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09				
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11				
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08				
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08				
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12				
Trichloroethene	6.8E-21					3.7E-05	4.5E-04	9.1E-13	9.1E-13				
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11				
Vinyl chloride	4.8E-19					3.0E-06	1.1E-08	6.2E-10	6.2E-10				

Table H-207 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						1.2E-05	2.8E-05	1.5E-06	1.5E-06		
Aldehydes											
Acetaldehyde	1.3E-15					2.1E-05	4.8E-05	2.6E-06	2.6E-06		
Formaldehyde	6.5E-15					8.8E-06	5.7E-01	1.1E-06	1.1E-06		
Propionaldehyde				3.2E-17	9.0E-17	2.3E-06	5.2E-06	2.8E-07	2.8E-07	2.4E-13	1.5E-12
CO											
Carbon monoxide						6.4E-04	1.5E-03	8.0E-05	8.0E-05		
CO2											
Carbon dioxide						2.0E-05	4.6E-05	2.5E-06	2.5E-06		
Criteria											
Sulfur Dioxide						5.4E-06	1.2E-05	6.8E-07	6.8E-07		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-20	1.8E-17	2.5E-17	7.0E-17	2.0E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	3.4E-18	2.1E-17
1,2,3,4,6,7,8-HpCDF	1.7E-20	1.8E-17	2.5E-17	7.1E-17	2.0E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	3.5E-18	2.1E-17
1,2,3,4,7,8,9-HpCDF	2.6E-21	2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.6E-12	3.6E-12	1.9E-13	1.9E-13	4.0E-19	2.5E-18
1,2,3,4,7,8-HxCDD	2.0E-20	2.0E-18	2.8E-18	7.9E-18	2.2E-17	1.5E-12	3.3E-12	1.8E-13	1.8E-13	3.9E-19	2.4E-18
1,2,3,4,7,8-HxCDF	1.4E-19	1.6E-17	2.2E-17	6.3E-17	1.8E-16	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.1E-18	1.9E-17
1,2,3,6,7,8-HxCDD	3.8E-20	4.1E-18	5.7E-18	1.6E-17	4.5E-17	3.1E-12	7.1E-12	3.8E-13	3.8E-13	7.9E-19	4.9E-18
1,2,3,6,7,8-HxCDF	5.1E-20	5.2E-18	7.3E-18	2.1E-17	5.8E-17	3.8E-12	8.8E-12	4.8E-13	4.8E-13	1.0E-18	6.2E-18
1,2,3,7,8,9-HxCDD	5.5E-20	6.5E-18	9.1E-18	2.6E-17	7.1E-17	4.6E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	7.7E-18
1,2,3,7,8,9-HxCDF	4.1E-21	3.7E-19	5.2E-19	1.5E-18	4.1E-18	2.9E-13	6.8E-13	3.7E-14	3.7E-14	7.2E-20	4.5E-19
1,2,3,7,8-PeCDD	1.1E-19	2.3E-18	3.2E-18	9.0E-18	2.5E-17	1.8E-12	4.3E-12	2.3E-13	2.3E-13	4.4E-19	2.7E-18
1,2,3,7,8-PeCDF	1.5E-19	2.7E-18	3.7E-18	1.1E-17	3.0E-17	2.6E-12	6.1E-12	3.3E-13	3.3E-13	5.2E-19	3.2E-18

Table H-207 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.3E-20	8.2E-18	1.1E-17	3.2E-17	9.0E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	1.6E-18	9.7E-18
2,3,4,7,8-PeCDF	2.3E-19	6.4E-18	9.0E-18	2.5E-17	7.1E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	1.2E-18	7.6E-18
2,3,7,8-TCDD	3.6E-20	4.6E-19	6.4E-19	1.8E-18	5.1E-18	7.4E-13	1.7E-12	9.3E-14	9.3E-14	6.2E-17	3.8E-16
2,3,7,8-TCDF	1.1E-19	8.4E-19	1.2E-18	3.3E-18	9.3E-18	2.7E-12	6.3E-12	3.4E-13	3.4E-13	1.6E-19	1.0E-18
OCDD	2.4E-22	1.2E-17	1.7E-17	4.7E-17	1.3E-16	8.0E-12	1.9E-11	1.0E-12	1.0E-12	2.3E-18	1.4E-17
OCDF	8.8E-23	4.6E-18	6.5E-18	1.8E-17	5.1E-17	3.0E-12	7.0E-12	3.8E-13	3.8E-13	9.0E-19	5.5E-18
HCN											
Hydrogen cyanide						2.3E-06	5.2E-06	2.8E-07	2.8E-07		
Metals											
Aluminum				1.3E-04	3.4E-04					6.6E-06	3.7E-05
Antimony	2.2E-19			6.1E-09	6.8E-09	1.5E-07	3.4E-07	1.9E-08	1.9E-08	3.0E-10	7.4E-10
Arsenic	1.2E-17	2.8E-09	6.5E-09	6.6E-09	3.1E-08	8.5E-09	2.0E-08	1.1E-09	1.1E-09	5.4E-10	5.5E-09
Barium	3.1E-14			3.9E-11	1.1E-10	1.8E-06	4.2E-06	2.2E-07	2.2E-07	1.9E-12	1.2E-11
Beryllium	4.7E-19			1.5E-17	4.2E-17	6.1E-10	1.4E-09	7.7E-11	7.7E-11	7.3E-19	4.5E-18
Cadmium	1.2E-16			1.2E-17	3.3E-17	1.1E-08	2.5E-08	1.4E-09	1.4E-09	5.7E-19	3.5E-18
Chromium	3.5E-17			1.0E-12	2.8E-12	9.2E-08	2.1E-07	1.2E-08	1.2E-08	5.0E-14	3.1E-13
Cobalt				2.6E-07	5.3E-07	1.4E-07	3.2E-07	1.8E-08	1.8E-08	1.3E-08	5.7E-08
Copper				4.2E-12	1.2E-11	2.5E-07	5.9E-07	3.2E-08	3.2E-08	2.0E-13	1.3E-12
Iron				2.5E-04	5.7E-04					1.2E-05	6.1E-05
Lead	9.9E-20			1.2E-06	7.5E-07	8.5E-08	2.0E-07	1.1E-08	1.1E-08	6.0E-08	8.1E-08
Manganese				1.1E-14	3.2E-14	7.8E-08	1.8E-07	9.7E-09	9.7E-09	5.6E-16	3.4E-15
Mercury (+2)				4.6E-16	1.3E-15	3.4E-10	7.8E-10	4.2E-11	4.2E-11	2.2E-17	1.4E-16
Mercury, elemental				3.2E-10	3.9E-10	1.4E-12	3.2E-12	1.8E-13	1.8E-13	6.2E-07	3.8E-06
Methyl Mercury	1.2E-16			2.7E-17	7.6E-17					1.3E-18	8.2E-18

Table H-207 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	4.7E-17			5.7E-06	1.1E-05	5.0E-08	1.1E-07	6.2E-09	6.2E-09	2.8E-07	1.2E-06
Phosphorus				1.1E-16	3.0E-16	3.8E-07	8.7E-07	4.7E-08	4.7E-08	1.0E-12	6.4E-12
Selenium	3.9E-18			5.8E-19	1.6E-18	2.5E-09	5.8E-09	3.1E-10	3.1E-10	2.8E-20	1.7E-19
Silver	2.9E-18			1.1E-14	3.0E-14	1.6E-09	3.8E-09	2.0E-10	2.0E-10	5.2E-16	3.2E-15
Thallium (Soluble Salts)					2.1E-09						2.2E-10
Titanium				1.1E-16	3.2E-16	8.7E-10	2.0E-09	1.1E-10	1.1E-10	5.6E-18	3.5E-17
Zinc	5.8E-14			2.6E-15	7.4E-15	2.0E-06	4.5E-06	2.4E-07	2.4E-07	1.3E-16	8.0E-16
NOx											
NOx (Oxides of Nitrogen)						2.2E-05	5.2E-05	2.8E-06	2.8E-06		
PAHs											
1-Methylnaphthalene		3.4E-18	4.8E-18	3.1E-18	8.7E-18	4.7E-07	1.1E-06	5.9E-08	5.9E-08	3.5E-15	2.2E-14
1-Methylphenanthrene				2.1E-15	5.8E-15	5.6E-08	1.3E-07	7.0E-09	7.0E-09	1.0E-16	6.3E-16
2,3,5-Trimethylnaphthalene				9.7E-16	2.7E-15	2.8E-08	6.4E-08	3.5E-09	3.5E-09	4.8E-17	2.9E-16
2,6-Dimethylnaphthalene				2.7E-15	7.4E-15	7.4E-08	1.7E-07	9.2E-09	9.2E-09	1.3E-16	8.0E-16
2-Methylnaphthalene		3.3E-18	4.6E-18	3.0E-18	8.4E-18	4.6E-07	1.1E-06	5.7E-08	5.7E-08	3.4E-15	2.1E-14
Acenaphthylene				8.5E-15	2.4E-14	2.7E-07	6.2E-07	3.4E-08	3.4E-08	4.2E-16	2.6E-15
Acenaphthene	4.8E-17					4.9E-08	1.1E-07	6.2E-09	6.2E-09		
Anthracene	6.1E-16					8.7E-08	2.0E-07	1.1E-08	1.1E-08		
Benzo(a)anthracene	8.8E-14	1.3E-07	3.6E-14	1.2E-07	6.5E-14	4.3E-08	9.9E-08	5.3E-09	5.3E-09	1.8E-06	1.1E-05
Benzo(a)pyrene	4.4E-14	1.1E-07	1.6E-14	9.8E-08	3.0E-14	1.7E-08	3.9E-08	2.1E-09	2.1E-09	4.8E-09	3.2E-15
Benzo(b)fluoranthene	1.2E-14	1.7E-07	9.6E-16	1.6E-07	1.7E-15	1.9E-08	4.3E-08	2.3E-09	2.3E-09	7.8E-09	1.9E-16
Benzo(e)pyrene				4.9E-16	1.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	2.4E-17	1.5E-16
Benzo(g,h,i)perylene				3.6E-16	1.0E-15	1.1E-08	2.5E-08	1.4E-09	1.4E-09	1.8E-17	1.1E-16
Benzo(k)fluoranthene	9.8E-17	9.4E-08	1.2E-15	8.6E-08	2.2E-15	1.7E-10	3.8E-10	2.1E-11	2.1E-11	4.2E-09	2.3E-16

Table H-207 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				4.8E-17	1.3E-16	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.8E-14	1.7E-13
Chrysene	1.5E-14	1.3E-07	4.7E-14	1.2E-07	8.6E-14	7.3E-08	1.7E-07	9.1E-09	9.1E-09	6.0E-09	9.3E-15
Dibenze(a,h)anthracene	2.2E-15	2.1E-08	6.0E-15	1.9E-08	1.1E-14	2.7E-09	6.1E-09	3.3E-10	3.3E-10	9.3E-10	1.2E-15
Fluoranthene	4.0E-15	9.1E-16	1.3E-15	8.3E-16	2.3E-15	1.1E-07	2.5E-07	1.3E-08	1.3E-08	4.0E-17	2.5E-16
Fluorene	8.7E-16					2.7E-07	6.2E-07	3.3E-08	3.3E-08		
Indeno(1,2,3-cd)pyrene	5.5E-15	2.8E-08	1.7E-14	2.5E-08	3.0E-14	8.8E-09	2.0E-08	1.1E-09	1.1E-09	1.2E-09	3.3E-15
Napthalene	4.0E-16	2.7E-09		2.4E-09		2.1E-06	4.9E-06	2.7E-07	2.7E-07	3.5E-06	2.2E-05
Perylene				1.9E-16	5.3E-16	6.6E-09	1.5E-08	8.2E-10	8.2E-10	9.2E-18	5.7E-17
Phenanthrene	4.2E-15					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
Pyrene	2.9E-15	3.1E-15	4.3E-15	2.8E-15	7.8E-15	1.0E-07	2.4E-07	1.3E-08	1.3E-08	7.8E-14	4.8E-13
Particulate											
Particulate Total Suspended Particulate				4.3E-11	1.2E-10	3.3E-04	7.7E-04	4.2E-05	4.2E-05	2.1E-12	1.3E-11
PM<10				5.5E-11	1.5E-10	4.4E-04	1.0E-03	5.5E-05	5.5E-05	2.7E-12	1.7E-11
PM<2.5				4.5E-11	1.3E-10	3.8E-04	8.7E-04	4.7E-05	4.7E-05	2.2E-12	1.4E-11
PCBs											
Dichlorobiphenyl	8.7E-17	8.2E-18	1.2E-17	7.0E-18	1.9E-17	1.3E-09	3.1E-09	1.7E-10	1.7E-10	6.5E-16	4.0E-15
Heptachlorobiphenyl	3.3E-18	9.5E-19	1.3E-18	8.1E-19	2.3E-18	1.8E-11	4.2E-11	2.3E-12	2.3E-12	4.1E-17	2.5E-16
Hexachlorobiphenyl	1.3E-17	4.3E-18	6.0E-18	3.6E-18	1.0E-17	7.6E-11	1.8E-10	9.5E-12	9.5E-12	1.9E-16	1.1E-15
Monochlorobiphenyl	6.1E-16	5.7E-17	8.0E-17	4.8E-17	1.4E-16	9.2E-09	2.1E-08	1.2E-09	1.2E-09	4.5E-15	2.8E-14
Nonachlorobiphenyl	4.1E-19	1.7E-19	2.4E-19	1.4E-19	4.0E-19	2.6E-12	5.9E-12	3.2E-13	3.2E-13	7.2E-18	4.5E-17
Octachlorobiphenyl	9.7E-19	3.1E-19	4.3E-19	2.6E-19	7.3E-19	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.3E-17	8.2E-17
Pentachlorobiphenyl	4.4E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	2.6E-10	6.0E-10	3.3E-11	3.3E-11	6.7E-16	4.1E-15
Tetrachlorobiphenyl	2.6E-17	3.1E-18	4.4E-18	2.7E-18	7.4E-18	4.3E-10	9.9E-10	5.4E-11	5.4E-11	2.5E-16	1.5E-15
Trichlorobiphenyl	3.4E-17	3.8E-18	5.3E-18	3.2E-18	8.9E-18	5.5E-10	1.3E-09	6.8E-11	6.8E-11	3.0E-16	1.8E-15

Table H-207 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				9.2E-09	1.1E-09					2.9E-07	1.8E-06
Dieldrin		8.8E-10		1.0E-09						5.1E-11	
SVOCs											
1,2,4-trichlorobenzene						3.9E-09	8.9E-09	4.8E-10	4.8E-10		
1,2-dichlorobenzene	3.9E-20					1.6E-09	3.6E-09	1.9E-10	1.9E-10		
1,3-Butadiene						3.9E-04					
1,3-dichlorobenzene	9.9E-20					2.3E-09	5.4E-09	2.9E-10	2.9E-10		
1,4-dichlorobenzene	1.3E-18					2.2E-08	5.0E-08	2.7E-09	2.7E-09		
2,4-Dimethylphenol	3.6E-17					3.4E-07	7.8E-07	4.2E-08	4.2E-08		
2-Chlorophenol	1.8E-18					6.8E-08	1.6E-07	8.5E-09	8.5E-09		
2-Methylphenol	7.5E-16					8.0E-07	1.8E-06	9.9E-08	9.9E-08		
2-Nitrophenol	4.6E-18					1.1E-07	2.5E-07	1.3E-08	1.3E-08		
3-Methylphenol & 4-Methylphenol				5.3E-14	1.5E-13	1.4E-06	3.3E-06	1.8E-07	1.8E-07	2.6E-15	1.6E-14
4-Nitrophenol	9.3E-18					1.8E-07	4.1E-07	2.2E-08	2.2E-08		
Acetophenone	5.6E-17					1.7E-06	3.9E-06	2.1E-07	2.1E-07		
Benzoic acid	2.3E-16					7.7E-06	1.8E-05	9.6E-07	9.6E-07		
Benzyl alcohol	1.4E-19					6.4E-08	1.5E-07	8.0E-09	8.0E-09		
bis(2-Ethylhexyl) phthalate	7.0E-15	9.6E-14	1.3E-13	1.1E-13	3.2E-13	2.7E-06	6.3E-06	3.4E-07	3.4E-07	5.6E-15	3.4E-14
Butyl benzyl phthalate	2.5E-15	4.7E-17	6.5E-17	5.5E-17	1.5E-16	8.5E-08	2.0E-07	1.1E-08	1.1E-08	2.7E-18	1.7E-17
Carbazole				2.0E-16	5.6E-16	2.4E-09	5.5E-09	3.0E-10	3.0E-10	9.8E-18	6.0E-17
Dibenzofuran		2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.4E-07	3.1E-07	1.7E-08	1.7E-08	3.5E-15	2.1E-14
Dimethyl phthalate	9.2E-19					4.8E-09	1.1E-08	5.9E-10	5.9E-10		
Di-n-butyl phthalate	2.4E-14	4.6E-17	6.5E-17	5.5E-17	1.5E-16	1.3E-07	3.0E-07	1.6E-08	1.6E-08	2.7E-18	1.7E-17

Table H-207 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.8E-19	1.3E-16	1.9E-16	1.6E-16	4.4E-16	9.2E-09	2.1E-08	1.1E-09	1.1E-09	7.8E-18	4.8E-17
Hexachlorobutadiene	9.6E-17					6.3E-07	1.5E-06	7.9E-08	7.9E-08		
Isopropanol						4.6E-02					
Phenol	2.1E-15					4.3E-06	9.9E-06	5.4E-07	5.4E-07		
Pyridine	1.1E-16					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
TRS											
Total Reduced Sulfur						4.2E-06	9.6E-06	5.2E-07	5.2E-07		
VOCs											
1,1,1,2-Tetrachloroethane	3.8E-20					1.9E-09	4.5E-09	2.4E-10	2.4E-10		
1,1,1-Trichloroethane	2.5E-21					1.9E-09	4.4E-09	2.4E-10	2.4E-10		
1,1-Dichloroethene	8.5E-23					3.7E-10	8.6E-10	4.6E-11	4.6E-11		
1,2,3-Trichlorobenzene	2.7E-18					7.6E-09	1.8E-08	9.5E-10	9.5E-10		
1,2,3-Trichloropropane	1.5E-20					1.5E-09	3.6E-09	1.9E-10	1.9E-10		
1,2,4-Trimethylbenzene						8.9E-08	2.1E-07	1.1E-08	1.1E-08		
1,2-Dibromoethane	5.3E-21					9.9E-10	2.3E-09	1.2E-10	1.2E-10		
1,2-Dichloroethane	1.7E-19					4.0E-08	9.1E-08	1.4E-05	1.4E-05		
1,3,5-Trimethylbenzene	8.6E-19					8.4E-08	1.9E-07	1.0E-08	1.0E-08		
1,3-Dichloropropane						9.6E-10	2.2E-09	1.2E-10	1.2E-10		
2-Butanone	3.5E-17					4.7E-07	1.1E-06	5.9E-08	5.9E-08		
2-Chlorotoluene						2.1E-08	4.9E-08	2.6E-09	2.6E-09		
2-Hexanone						9.7E-08	2.2E-07	1.2E-08	1.2E-08		
Benzene	2.8E-17					1.6E-03	2.9E-05	1.4E-04	1.4E-04		
Bromobenzene						5.3E-07	1.2E-06	6.6E-08	6.6E-08		
Bromochloromethane						1.3E-09	2.9E-09	1.6E-10	1.6E-10		

Table H-207 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromodichloromethane	4.5E-21					1.4E-09	3.1E-09	1.7E-10	1.7E-10		
Bromomethane	1.9E-20					5.4E-08	1.3E-07	6.8E-09	6.8E-09		
Carbon disulfide	1.8E-20					4.8E-08	1.1E-07	6.0E-09	6.0E-09		
Carbon tetrachloride	1.9E-21					2.0E-03	7.2E-09	2.2E-04	2.2E-04		
Chlorobenzene	6.7E-19					6.9E-08	1.6E-07	8.6E-09	8.6E-09		
Chlorodibromomethane	2.6E-19					3.4E-08	7.8E-08	4.2E-09	4.2E-09		
Chloroethane	5.3E-20					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
Chloroform	4.0E-20					4.6E-04	6.5E-08	3.4E-05	3.4E-05		
Chloromethane	1.4E-19					4.4E-07	1.0E-06	5.5E-08	5.5E-08		
cis-1,2-Dichloroethene	5.4E-20					5.7E-08	1.3E-07	7.1E-09	7.1E-09		
cis-1,3-Dichloropropene						3.5E-10	8.0E-10	4.3E-11	4.3E-11		
Dibromomethane	6.0E-21					2.9E-09	6.7E-09	3.6E-10	3.6E-10		
Dichlorodifluoromethane	6.7E-23					3.6E-09	8.2E-09	4.4E-10	4.4E-10		
Ethylbenzene	2.1E-17					7.5E-04	6.5E-06	3.5E-07	3.5E-07		
Isopropylbenzene	2.8E-20					2.3E-07	5.2E-07	2.8E-08	2.8E-08		
m&p-Xylene	3.4E-18					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Methyl Isobutyl Ketone (4-methyl-2-per	3.4E-20					5.1E-09	1.2E-08	6.4E-10	6.4E-10		
Methylene chloride	3.7E-19					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
n-Butylbenzene						1.1E-07	2.6E-07	1.4E-08	1.4E-08		
n-Propylbenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08		
o-Xylene	4.0E-18					3.3E-07	7.6E-07	4.1E-08	4.1E-08		
p-Chlorotoluene						7.9E-09	1.8E-08	9.9E-10	9.9E-10		
p-Isopropyltoluene						5.5E-08	1.3E-07	6.9E-09	6.9E-09		
sec-Butylbenzene						2.0E-08	4.7E-08	2.5E-09	2.5E-09		

Table H-207 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Styrene	1.3E-16					7.3E-06	1.7E-05	9.1E-07	9.1E-07		
tert-Butylbenzene						6.5E-07	1.5E-06	8.2E-08	8.2E-08		
Tetrachloroethene	9.4E-21					1.7E-09	4.0E-09	2.2E-10	2.2E-10		
Toluene	2.2E-17					4.5E-06	1.0E-05	5.6E-07	5.6E-07		
trans-1,2-Dichloroethene	8.4E-19					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
trans-1,3-Dichloropropene						6.0E-10	1.4E-09	7.5E-11	7.5E-11		
Trichloroethene	9.7E-23					5.2E-04	2.4E-10	1.3E-11	1.3E-11		
Trichlorofluoromethane	1.5E-22					1.2E-09	2.9E-09	1.6E-10	1.6E-10		
Vinyl chloride	6.9E-21					4.2E-05	1.6E-07	8.8E-09	8.8E-09		

Table H-208 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					6.2E-07	4.0E-02	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19	
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19	
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18	
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19	
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19	
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19	
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20	
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19	
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19	

Table H-208 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				9.4E-03	2.4E-02					4.6E-07	2.6E-06
Antimony	1.6E-17			4.3E-07	4.8E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	2.1E-11	5.2E-11
Arsenic	8.1E-16	2.0E-07	4.6E-07	4.6E-07	2.2E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	3.8E-11	3.9E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				1.8E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	8.8E-10	4.0E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				1.7E-02	4.0E-02					8.4E-07	4.3E-06
Lead	6.9E-18			8.6E-05	5.3E-05	6.0E-09	1.4E-08	7.5E-10	7.5E-10	4.2E-09	5.7E-09
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				2.3E-08	2.7E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	4.3E-08	2.7E-07
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18

Table H-208 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			4.0E-04	7.9E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.0E-08	8.5E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Thallium (Soluble Salts)					1.4E-07						1.6E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	9.0E-06	2.8E-12	8.1E-06	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	1.2E-07	7.6E-07
Benzo(a)pyrene	3.1E-12	7.5E-06	1.2E-12	6.8E-06	2.3E-12	1.2E-09	2.7E-09	1.5E-10	1.5E-10	3.4E-10	2.4E-16
Benzo(b)fluoranthene	8.3E-13	1.2E-05	7.3E-14	1.1E-05	1.3E-13	1.3E-09	3.0E-09	1.6E-10	1.6E-10	5.5E-10	1.4E-17
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	6.6E-06	1.1E-13	6.0E-06	2.0E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	2.9E-10	2.2E-17

Table H-208 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	9.4E-06	3.8E-12	8.6E-06	7.0E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	4.2E-10	7.5E-16
Dibenze(a,h)anthracene	1.6E-13	1.5E-06	4.8E-13	1.3E-06	8.7E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	6.5E-11	9.4E-17
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.9E-06	1.3E-12	1.8E-06	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	8.6E-11	2.5E-16
Napthalene	2.8E-14	1.9E-07		1.7E-07		1.5E-07	3.4E-07	1.9E-08	1.9E-08	2.5E-07	1.5E-06
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16

Table H-208 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				6.4E-07	7.8E-08					2.0E-08	1.3E-07
Dieldrin		6.2E-08		7.3E-08						3.6E-12	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						2.7E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18

Table H-208 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						3.2E-03					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					1.1E-04	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		

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Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.4E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					3.2E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					5.3E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		

Table H-208 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					3.7E-05	1.7E-11	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					3.0E-06	1.1E-08	6.2E-10	6.2E-10		

Table H-209 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						1.2E-05	2.8E-05	1.5E-06	1.5E-06		
Aldehydes											
Acetaldehyde	1.3E-15					2.1E-05	4.8E-05	2.6E-06	2.6E-06		
Formaldehyde	6.5E-15					8.8E-06	3.8E-01	1.1E-06	1.1E-06		
Propionaldehyde				3.2E-17	9.0E-17	2.3E-06	5.2E-06	2.8E-07	2.8E-07	2.4E-13	1.5E-12
CO											
Carbon monoxide						6.4E-04	1.5E-03	8.0E-05	8.0E-05		
CO2											
Carbon dioxide						2.0E-05	4.6E-05	2.5E-06	2.5E-06		
Criteria											
Sulfur Dioxide						5.4E-06	1.2E-05	6.8E-07	6.8E-07		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-20	1.8E-17	2.5E-17	7.0E-17	2.0E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	3.4E-18	2.1E-17
1,2,3,4,6,7,8-HpCDF	1.7E-20	1.8E-17	2.5E-17	7.1E-17	2.0E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	3.5E-18	2.1E-17
1,2,3,4,7,8,9-HpCDF	2.6E-21	2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.6E-12	3.6E-12	1.9E-13	1.9E-13	4.0E-19	2.5E-18
1,2,3,4,7,8-HxCDD	2.0E-20	2.0E-18	2.8E-18	7.9E-18	2.2E-17	1.5E-12	3.3E-12	1.8E-13	1.8E-13	3.9E-19	2.4E-18
1,2,3,4,7,8-HxCDF	1.4E-19	1.6E-17	2.2E-17	6.3E-17	1.8E-16	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.1E-18	1.9E-17
1,2,3,6,7,8-HxCDD	3.8E-20	4.1E-18	5.7E-18	1.6E-17	4.5E-17	3.1E-12	7.1E-12	3.8E-13	3.8E-13	7.9E-19	4.9E-18
1,2,3,6,7,8-HxCDF	5.1E-20	5.2E-18	7.3E-18	2.1E-17	5.8E-17	3.8E-12	8.8E-12	4.8E-13	4.8E-13	1.0E-18	6.2E-18
1,2,3,7,8,9-HxCDD	5.5E-20	6.5E-18	9.1E-18	2.6E-17	7.1E-17	4.6E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	7.7E-18
1,2,3,7,8,9-HxCDF	4.1E-21	3.7E-19	5.2E-19	1.5E-18	4.1E-18	2.9E-13	6.8E-13	3.7E-14	3.7E-14	7.2E-20	4.5E-19
1,2,3,7,8-PeCDD	1.1E-19	2.3E-18	3.2E-18	9.0E-18	2.5E-17	1.8E-12	4.3E-12	2.3E-13	2.3E-13	4.4E-19	2.7E-18
1,2,3,7,8-PeCDF	1.5E-19	2.7E-18	3.7E-18	1.1E-17	3.0E-17	2.6E-12	6.1E-12	3.3E-13	3.3E-13	5.2E-19	3.2E-18

Table H-209 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.3E-20	8.2E-18	1.1E-17	3.2E-17	9.0E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	1.6E-18	9.7E-18
2,3,4,7,8-PeCDF	2.3E-19	6.4E-18	9.0E-18	2.5E-17	7.1E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	1.2E-18	7.6E-18
2,3,7,8-TCDD	3.6E-20	4.6E-19	6.4E-19	1.8E-18	5.1E-18	7.4E-13	1.7E-12	9.3E-14	9.3E-14	6.2E-17	3.8E-16
2,3,7,8-TCDF	1.1E-19	8.4E-19	1.2E-18	3.3E-18	9.3E-18	2.7E-12	6.3E-12	3.4E-13	3.4E-13	1.6E-19	1.0E-18
OCDD	2.4E-22	1.2E-17	1.7E-17	4.7E-17	1.3E-16	8.0E-12	1.9E-11	1.0E-12	1.0E-12	2.3E-18	1.4E-17
OCDF	8.8E-23	4.6E-18	6.5E-18	1.8E-17	5.1E-17	3.0E-12	7.0E-12	3.8E-13	3.8E-13	9.0E-19	5.5E-18
HCN											
Hydrogen cyanide						2.3E-06	5.2E-06	2.8E-07	2.8E-07		
Metals											
Aluminum				1.3E-04	2.7E-04					6.6E-06	3.0E-05
Antimony	2.2E-19			6.1E-09	2.4E-09	1.5E-07	3.4E-07	1.9E-08	1.9E-08	3.0E-10	2.6E-10
Arsenic	1.2E-17	2.8E-09	2.6E-09	6.6E-09	1.2E-08	8.5E-09	2.0E-08	1.1E-09	1.1E-09	5.4E-10	2.2E-09
Barium	3.1E-14			3.9E-11	1.1E-10	1.8E-06	4.2E-06	2.2E-07	2.2E-07	1.9E-12	1.2E-11
Beryllium	4.7E-19			1.5E-17	4.2E-17	6.1E-10	1.4E-09	7.7E-11	7.7E-11	7.3E-19	4.5E-18
Cadmium	1.2E-16			1.2E-17	3.3E-17	1.1E-08	2.5E-08	1.4E-09	1.4E-09	5.7E-19	3.5E-18
Chromium	3.5E-17			1.0E-12	2.8E-12	9.2E-08	2.1E-07	1.2E-08	1.2E-08	5.0E-14	3.1E-13
Cobalt				2.6E-07	9.1E-07	1.4E-07	3.2E-07	1.8E-08	1.8E-08	1.3E-08	9.8E-08
Copper				4.2E-12	1.2E-11	2.5E-07	5.9E-07	3.2E-08	3.2E-08	2.0E-13	1.3E-12
Iron				2.5E-04	6.2E-04					1.2E-05	6.6E-05
Lead	9.9E-20			1.2E-06	2.1E-06	8.5E-08	2.0E-07	1.1E-08	1.1E-08	6.0E-08	2.2E-07
Manganese				1.1E-14	3.2E-14	7.8E-08	1.8E-07	9.7E-09	9.7E-09	5.6E-16	3.4E-15
Mercury (+2)				4.6E-16	1.3E-15	3.4E-10	7.8E-10	4.2E-11	4.2E-11	2.2E-17	1.4E-16
Mercury, elemental				3.2E-10	6.3E-10	1.4E-12	3.2E-12	1.8E-13	1.8E-13	6.2E-07	3.8E-06
Methyl Mercury	1.2E-16			2.7E-17	7.6E-17					1.3E-18	8.2E-18

Table H-209 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	4.7E-17			5.7E-06	1.9E-05	5.0E-08	1.1E-07	6.2E-09	6.2E-09	2.8E-07	2.0E-06
Phosphorus				1.1E-16	3.0E-16	3.8E-07	8.7E-07	4.7E-08	4.7E-08	1.0E-12	6.4E-12
Selenium	3.9E-18			5.8E-19	1.6E-18	2.5E-09	5.8E-09	3.1E-10	3.1E-10	2.8E-20	1.7E-19
Silver	2.9E-18			1.1E-14	3.0E-14	1.6E-09	3.8E-09	2.0E-10	2.0E-10	5.2E-16	3.2E-15
Titanium				1.1E-16	3.2E-16	8.7E-10	2.0E-09	1.1E-10	1.1E-10	5.6E-18	3.5E-17
Zinc	5.8E-14			2.6E-15	7.4E-15	2.0E-06	4.5E-06	2.4E-07	2.4E-07	1.3E-16	8.0E-16
NOx											
NOx (Oxides of Nitrogen)						2.2E-05	5.2E-05	2.8E-06	2.8E-06		
PAHs											
1-Methylnaphthalene		3.4E-18	4.8E-18	3.1E-18	8.7E-18	4.7E-07	1.1E-06	5.9E-08	5.9E-08	3.5E-15	2.2E-14
1-Methylphenanthrene				2.1E-15	5.8E-15	5.6E-08	1.3E-07	7.0E-09	7.0E-09	1.0E-16	6.3E-16
2,3,5-Trimethylnaphthalene				9.7E-16	2.7E-15	2.8E-08	6.4E-08	3.5E-09	3.5E-09	4.8E-17	2.9E-16
2,6-Dimethylnaphthalene				2.7E-15	7.4E-15	7.4E-08	1.7E-07	9.2E-09	9.2E-09	1.3E-16	8.0E-16
2-Methylnaphthalene		3.3E-18	4.6E-18	3.0E-18	8.4E-18	4.6E-07	1.1E-06	5.7E-08	5.7E-08	3.4E-15	2.1E-14
Acenaphthylene				8.5E-15	2.4E-14	2.7E-07	6.2E-07	3.4E-08	3.4E-08	4.2E-16	2.6E-15
Acenaphthene	4.8E-17					4.9E-08	1.1E-07	6.2E-09	6.2E-09		
Anthracene	6.1E-16					8.7E-08	2.0E-07	1.1E-08	1.1E-08		
Benzo(a)anthracene	8.8E-14	1.3E-07	3.6E-14	1.2E-07	6.5E-14	4.3E-08	9.9E-08	5.3E-09	5.3E-09	1.8E-06	1.1E-05
Benzo(a)pyrene	4.4E-14	1.1E-07	1.9E-09	9.8E-08	3.4E-09	1.7E-08	3.9E-08	2.1E-09	2.1E-09	4.8E-09	3.7E-10
Benzo(b)fluoranthene	1.2E-14	1.7E-07	1.7E-09	1.6E-07	3.1E-09	1.9E-08	4.3E-08	2.3E-09	2.3E-09	7.8E-09	3.3E-10
Benzo(e)pyrene				4.9E-16	1.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	2.4E-17	1.5E-16
Benzo(g,h,i)perylene				3.6E-16	1.0E-15	1.1E-08	2.5E-08	1.4E-09	1.4E-09	1.8E-17	1.1E-16
Benzo(k)fluoranthene	9.8E-17	9.4E-08	1.2E-15	8.6E-08	2.2E-15	1.7E-10	3.8E-10	2.1E-11	2.1E-11	4.2E-09	2.3E-16
Biphenyl				4.8E-17	1.3E-16	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.8E-14	1.7E-13

Table H-209 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	1.5E-14	1.3E-07	4.7E-14	1.2E-07	8.6E-14	7.3E-08	1.7E-07	9.1E-09	9.1E-09	6.0E-09	9.3E-15
Dibenze(a,h)anthracene	2.2E-15	2.1E-08	6.0E-15	1.9E-08	1.1E-14	2.7E-09	6.1E-09	3.3E-10	3.3E-10	9.3E-10	1.2E-15
Fluoranthene	4.0E-15	9.1E-16	1.3E-15	8.3E-16	2.3E-15	1.1E-07	2.5E-07	1.3E-08	1.3E-08	4.0E-17	2.5E-16
Fluorene	8.7E-16					2.7E-07	6.2E-07	3.3E-08	3.3E-08		
Indeno(1,2,3-cd)pyrene	5.5E-15	2.8E-08	1.7E-14	2.5E-08	3.0E-14	8.8E-09	2.0E-08	1.1E-09	1.1E-09	1.2E-09	3.3E-15
Napthalene	4.0E-16	2.7E-09		2.4E-09		2.1E-06	4.9E-06	2.7E-07	2.7E-07	3.5E-06	2.2E-05
Perylene				1.9E-16	5.3E-16	6.6E-09	1.5E-08	8.2E-10	8.2E-10	9.2E-18	5.7E-17
Phenanthrene	4.2E-15					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
Pyrene	2.9E-15	3.1E-15	4.3E-15	2.8E-15	7.8E-15	1.0E-07	2.4E-07	1.3E-08	1.3E-08	7.8E-14	4.8E-13
Particulate											
Particulate Total Suspended Particulate				4.3E-11	1.2E-10	3.3E-04	7.7E-04	4.2E-05	4.2E-05	2.1E-12	1.3E-11
PM<10				5.5E-11	1.5E-10	4.4E-04	1.0E-03	5.5E-05	5.5E-05	2.7E-12	1.7E-11
PM<2.5				4.5E-11	1.3E-10	3.8E-04	8.7E-04	4.7E-05	4.7E-05	2.2E-12	1.4E-11
PCBs											
Dichlorobiphenyl	8.7E-17	8.2E-18	1.2E-17	7.0E-18	1.9E-17	1.3E-09	3.1E-09	1.7E-10	1.7E-10	6.5E-16	4.0E-15
Heptachlorobiphenyl	3.3E-18	9.5E-19	1.3E-18	8.1E-19	2.3E-18	1.8E-11	4.2E-11	2.3E-12	2.3E-12	4.1E-17	2.5E-16
Hexachlorobiphenyl	1.3E-17	4.3E-18	6.0E-18	3.6E-18	1.0E-17	7.6E-11	1.8E-10	9.5E-12	9.5E-12	1.9E-16	1.1E-15
Monochlorobiphenyl	6.1E-16	5.7E-17	8.0E-17	4.8E-17	1.4E-16	9.2E-09	2.1E-08	1.2E-09	1.2E-09	4.5E-15	2.8E-14
Nonachlorobiphenyl	4.1E-19	1.7E-19	2.4E-19	1.4E-19	4.0E-19	2.6E-12	5.9E-12	3.2E-13	3.2E-13	7.2E-18	4.5E-17
Octachlorobiphenyl	9.7E-19	3.1E-19	4.3E-19	2.6E-19	7.3E-19	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.3E-17	8.2E-17
Pentachlorobiphenyl	4.4E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	2.6E-10	6.0E-10	3.3E-11	3.3E-11	6.7E-16	4.1E-15
Tetrachlorobiphenyl	2.6E-17	3.1E-18	4.4E-18	2.7E-18	7.4E-18	4.3E-10	9.9E-10	5.4E-11	5.4E-11	2.5E-16	1.5E-15
Trichlorobiphenyl	3.4E-17	3.8E-18	5.3E-18	3.2E-18	8.9E-18	5.5E-10	1.3E-09	6.8E-11	6.8E-11	3.0E-16	1.8E-15
Pesticides											

Table H-209 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
DDE				9.2E-09	3.9E-09					2.9E-07	1.8E-06
Dieldrin		8.8E-10		1.0E-09						5.1E-11	
SVOCs											
1,2,4-trichlorobenzene						3.9E-09	8.9E-09	4.8E-10	4.8E-10		
1,2-dichlorobenzene	3.9E-20					1.6E-09	3.6E-09	1.9E-10	1.9E-10		
1,3-Butadiene						3.9E-04					
1,3-dichlorobenzene	9.9E-20					2.3E-09	5.4E-09	2.9E-10	2.9E-10		
1,4-dichlorobenzene	1.3E-18					2.2E-08	5.0E-08	2.7E-09	2.7E-09		
2,4-Dimethylphenol	3.6E-17					3.4E-07	7.8E-07	4.2E-08	4.2E-08		
2-Chlorophenol	1.8E-18					6.8E-08	1.6E-07	8.5E-09	8.5E-09		
2-Methylphenol	7.5E-16					8.0E-07	1.8E-06	9.9E-08	9.9E-08		
2-Nitrophenol	4.6E-18					1.1E-07	2.5E-07	1.3E-08	1.3E-08		
3-Methylphenol & 4-Methylphenol				5.3E-14	1.5E-13	1.4E-06	3.3E-06	1.8E-07	1.8E-07	2.6E-15	1.6E-14
4-Nitrophenol	9.3E-18					1.8E-07	4.1E-07	2.2E-08	2.2E-08		
Acetophenone	5.6E-17					1.7E-06	3.9E-06	2.1E-07	2.1E-07		
Benzoic acid	2.3E-16					7.7E-06	1.8E-05	9.6E-07	9.6E-07		
Benzyl alcohol	1.4E-19					6.4E-08	1.5E-07	8.0E-09	8.0E-09		
bis(2-Ethylhexyl) phthalate	7.0E-15	9.6E-14	1.3E-13	1.1E-13	3.2E-13	2.7E-06	6.3E-06	3.4E-07	3.4E-07	5.6E-15	3.4E-14
Butyl benzyl phthalate	2.5E-15	4.7E-17	6.5E-17	5.5E-17	1.5E-16	8.5E-08	2.0E-07	1.1E-08	1.1E-08	2.7E-18	1.7E-17
Carbazole				2.0E-16	5.6E-16	2.4E-09	5.5E-09	3.0E-10	3.0E-10	9.8E-18	6.0E-17
Dibenzofuran		2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.4E-07	3.1E-07	1.7E-08	1.7E-08	3.5E-15	2.1E-14
Dimethyl phthalate	9.2E-19					4.8E-09	1.1E-08	5.9E-10	5.9E-10		
Di-n-butyl phthalate	2.4E-14	4.6E-17	6.5E-17	5.5E-17	1.5E-16	1.3E-07	3.0E-07	1.6E-08	1.6E-08	2.7E-18	1.7E-17
Di-n-octyl phthalate	1.8E-19	1.3E-16	1.9E-16	1.6E-16	4.4E-16	9.2E-09	2.1E-08	1.1E-09	1.1E-09	7.8E-18	4.8E-17

Table H-209 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	9.6E-17					6.3E-07	1.5E-06	7.9E-08	7.9E-08		
Isopropanol						4.6E-02					
Phenol	2.1E-15					4.3E-06	9.9E-06	5.4E-07	5.4E-07		
Pyridine	1.1E-16					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
TRS											
Total Reduced Sulfur						4.2E-06	9.6E-06	5.2E-07	5.2E-07		
VOCs											
1,1,1,2-Tetrachloroethane	3.8E-20					1.9E-09	4.5E-09	2.4E-10	2.4E-10		
1,1,1-Trichloroethane	2.5E-21					1.9E-09	4.4E-09	2.4E-10	2.4E-10		
1,1-Dichloroethene	8.5E-23					3.7E-10	8.6E-10	4.6E-11	4.6E-11		
1,2,3-Trichlorobenzene	2.7E-18					7.6E-09	1.8E-08	9.5E-10	9.5E-10		
1,2,3-Trichloropropane	1.5E-20					1.5E-09	3.6E-09	1.9E-10	1.9E-10		
1,2,4-Trimethylbenzene						8.9E-08	2.1E-07	1.1E-08	1.1E-08		
1,2-Dibromoethane	5.3E-21					9.9E-10	2.3E-09	1.2E-10	1.2E-10		
1,2-Dichloroethane	1.7E-19					4.0E-08	9.1E-08	1.4E-05	1.4E-05		
1,3,5-Trimethylbenzene	8.6E-19					8.4E-08	1.9E-07	1.0E-08	1.0E-08		
1,3-Dichloropropane						9.6E-10	2.2E-09	1.2E-10	1.2E-10		
2-Butanone	3.5E-17					4.7E-07	1.1E-06	5.9E-08	5.9E-08		
2-Chlorotoluene						2.1E-08	4.9E-08	2.6E-09	2.6E-09		
2-Hexanone						9.7E-08	2.2E-07	1.2E-08	1.2E-08		
Benzene	2.8E-17					1.6E-03	2.9E-05	1.4E-04	1.4E-04		
Bromobenzene						5.3E-07	1.2E-06	6.6E-08	6.6E-08		
Bromochloromethane						1.3E-09	2.9E-09	1.6E-10	1.6E-10		
Bromodichloromethane	4.5E-21					1.4E-09	3.1E-09	1.7E-10	1.7E-10		

Table H-209 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromomethane	1.9E-20					5.4E-08	1.3E-07	6.8E-09	6.8E-09		
Carbon disulfide	1.8E-20					4.8E-08	1.1E-07	6.0E-09	6.0E-09		
Carbon tetrachloride	1.9E-21					2.0E-03	7.2E-09	2.2E-04	2.2E-04		
Chlorobenzene	6.7E-19					6.9E-08	1.6E-07	8.6E-09	8.6E-09		
Chlorodibromomethane	2.6E-19					3.4E-08	7.8E-08	4.2E-09	4.2E-09		
Chloroethane	5.3E-20					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
Chloroform	4.0E-20					4.6E-04	6.5E-08	3.4E-05	3.4E-05		
Chloromethane	1.4E-19					4.4E-07	1.0E-06	5.5E-08	5.5E-08		
cis-1,2-Dichloroethene	5.4E-20					5.7E-08	1.3E-07	7.1E-09	7.1E-09		
cis-1,3-Dichloropropene						3.5E-10	8.0E-10	4.3E-11	4.3E-11		
Dibromomethane	6.0E-21					2.9E-09	6.7E-09	3.6E-10	3.6E-10		
Dichlorodifluoromethane	6.7E-23					3.6E-09	8.2E-09	4.4E-10	4.4E-10		
Ethylbenzene	2.1E-17					7.5E-04	6.5E-06	3.5E-07	3.5E-07		
Isopropylbenzene	2.8E-20					2.3E-07	5.2E-07	2.8E-08	2.8E-08		
m&p-Xylene	3.4E-18					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Methyl Isobutyl Ketone (4-methyl-2-per	3.4E-20					5.1E-09	1.2E-08	6.4E-10	6.4E-10		
Methylene chloride	3.7E-19					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
n-Butylbenzene						1.1E-07	2.6E-07	1.4E-08	1.4E-08		
n-Propylbenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08		
o-Xylene	4.0E-18					3.3E-07	7.6E-07	4.1E-08	4.1E-08		
p-Chlorotoluene						7.9E-09	1.8E-08	9.9E-10	9.9E-10		
p-Isopropyltoluene						5.5E-08	1.3E-07	6.9E-09	6.9E-09		
sec-Butylbenzene						2.0E-08	4.7E-08	2.5E-09	2.5E-09		
Styrene	1.3E-16					7.3E-06	1.7E-05	9.1E-07	9.1E-07		

Table H-209 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)	Particulate/Vapors (ug/m3)
tert-Butylbenzene						6.5E-07	1.5E-06	8.2E-08	8.2E-08				
Tetrachloroethene	9.4E-21					1.7E-09	4.0E-09	2.2E-10	2.2E-10				
Toluene	2.2E-17					4.5E-06	1.0E-05	5.6E-07	5.6E-07				
trans-1,2-Dichloroethene	8.4E-19					1.2E-06	2.8E-06	1.5E-07	1.5E-07				
trans-1,3-Dichloropropene						6.0E-10	1.4E-09	7.5E-11	7.5E-11				
Trichloroethene	9.7E-23					5.2E-04	2.4E-10	1.3E-11	1.3E-11				
Trichlorofluoromethane	1.5E-22					1.2E-09	2.9E-09	1.6E-10	1.6E-10				
Vinyl chloride	6.9E-21					4.2E-05	1.6E-07	8.8E-09	8.8E-09				

Table H-210 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					6.2E-07	2.7E-02	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19

Table H-210 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				9.4E-03	1.9E-02					4.6E-07	2.1E-06
Antimony	1.6E-17			4.3E-07	1.7E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	2.1E-11	1.8E-11
Arsenic	8.1E-16	2.0E-07	1.8E-07	4.6E-07	8.6E-07	5.9E-10	1.4E-09	7.4E-11	7.4E-11	3.8E-11	1.6E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				1.8E-05	6.4E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	8.8E-10	6.9E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				1.7E-02	4.3E-02					8.4E-07	4.7E-06
Lead	6.9E-18			8.6E-05	1.4E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	4.2E-09	1.6E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				2.3E-08	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	4.3E-08	2.7E-07
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18

Table H-210 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			4.0E-04	1.3E-03	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.0E-08	1.4E-07
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	9.0E-06	2.8E-12	8.1E-06	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	1.2E-07	7.6E-07
Benzo(a)pyrene	3.1E-12	7.5E-06	1.3E-07	6.8E-06	2.4E-07	1.2E-09	2.7E-09	1.5E-10	1.5E-10	3.4E-10	2.6E-11
Benzo(b)fluoranthene	8.3E-13	1.2E-05	1.2E-07	1.1E-05	2.2E-07	1.3E-09	3.0E-09	1.6E-10	1.6E-10	5.5E-10	2.3E-11
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	6.6E-06	1.1E-13	6.0E-06	2.0E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	2.9E-10	2.2E-17
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14

Table H-210 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	1.1E-12	9.4E-06	3.8E-12	8.6E-06	7.0E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	4.2E-10	7.5E-16
Dibenze(a,h)anthracene	1.6E-13	1.5E-06	4.8E-13	1.3E-06	8.7E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	6.5E-11	9.4E-17
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.9E-06	1.3E-12	1.8E-06	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	8.6E-11	2.5E-16
Napthalene	2.8E-14	1.9E-07		1.7E-07		1.5E-07	3.4E-07	1.9E-08	1.9E-08	2.5E-07	1.5E-06
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16
Pesticides											

Table H-210 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
DDE				6.4E-07	2.8E-07					2.0E-08	1.3E-07
Dieldrin		6.2E-08		7.3E-08						3.6E-12	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						2.7E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18

Table H-210 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						3.2E-03					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					1.1E-04	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		

Table H-210 (Average Daily Dose)

ACI Lifetime (yrs)	30
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Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.4E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					3.2E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					5.3E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		

Table H-210 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)	Particulate/Vapors (ug/m3)
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09				
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11				
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08				
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08				
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12				
Trichloroethene	6.8E-21					3.7E-05	1.7E-11	9.1E-13	9.1E-13				
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11				
Vinyl chloride	4.8E-19					3.0E-06	1.1E-08	6.2E-10	6.2E-10				

Table H-211 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						1.2E-05	4.3E-04	1.5E-06	1.4E-04		
Aldehydes											
Acetaldehyde	1.3E-15					2.1E-05	7.4E-04	2.6E-06	2.5E-04		
Formaldehyde	6.5E-15					8.8E-06	2.9E-04	1.1E-06	9.7E-05		
Propionaldehyde				3.2E-17	1.0E-15	2.3E-06	8.2E-05	2.8E-07	2.7E-05	2.4E-13	1.7E-11
CO											
Carbon monoxide						6.4E-04	2.4E-02	8.0E-05	7.9E-03		
CO2											
Carbon dioxide						2.0E-05	7.2E-04	2.5E-06	2.4E-04		
Criteria											
Sulfur Dioxide						5.4E-06	1.7E-04	6.8E-07	5.8E-05		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-20	1.8E-17	3.3E-16	7.0E-17	2.6E-15	1.2E-11	4.8E-10	1.5E-12	1.6E-10	3.4E-18	2.8E-16
1,2,3,4,6,7,8-HpCDF	1.7E-20	1.8E-17	3.3E-16	7.1E-17	2.6E-15	1.2E-11	4.9E-10	1.5E-12	1.6E-10	3.5E-18	2.8E-16
1,2,3,4,7,8,9-HpCDF	2.6E-21	2.1E-18	4.0E-17	8.1E-18	3.2E-16	1.6E-12	6.3E-11	1.9E-13	2.1E-11	4.0E-19	3.4E-17
1,2,3,4,7,8-HxCDD	2.0E-20	2.0E-18	3.9E-17	7.9E-18	3.1E-16	1.5E-12	5.9E-11	1.8E-13	2.0E-11	3.9E-19	3.3E-17
1,2,3,4,7,8-HxCDF	1.4E-19	1.6E-17	3.1E-16	6.3E-17	2.4E-15	1.2E-11	4.8E-10	1.5E-12	1.6E-10	3.1E-18	2.6E-16
1,2,3,6,7,8-HxCDD	3.8E-20	4.1E-18	8.0E-17	1.6E-17	6.3E-16	3.1E-12	1.2E-10	3.8E-13	4.1E-11	7.9E-19	6.8E-17
1,2,3,6,7,8-HxCDF	5.1E-20	5.2E-18	1.0E-16	2.1E-17	8.0E-16	3.8E-12	1.6E-10	4.8E-13	5.2E-11	1.0E-18	8.7E-17
1,2,3,7,8,9-HxCDD	5.5E-20	6.5E-18	1.2E-16	2.6E-17	9.9E-16	4.6E-12	1.9E-10	5.8E-13	6.3E-11	1.3E-18	1.1E-16
1,2,3,7,8,9-HxCDF	4.1E-21	3.7E-19	7.3E-18	1.5E-18	5.8E-17	2.9E-13	1.2E-11	3.7E-14	4.0E-12	7.2E-20	6.3E-18
1,2,3,7,8-PeCDD	1.1E-19	2.3E-18	4.5E-17	9.0E-18	3.5E-16	1.8E-12	7.5E-11	2.3E-13	2.5E-11	4.4E-19	3.8E-17
1,2,3,7,8-PeCDF	1.5E-19	2.7E-18	5.3E-17	1.1E-17	4.2E-16	2.6E-12	1.1E-10	3.3E-13	3.6E-11	5.2E-19	4.5E-17

Table H-211 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.3E-20	8.2E-18	1.5E-16	3.2E-17	1.2E-15	5.9E-12	2.4E-10	7.4E-13	7.9E-11	1.6E-18	1.3E-16
2,3,4,7,8-PeCDF	2.3E-19	6.4E-18	1.3E-16	2.5E-17	9.9E-16	5.9E-12	2.4E-10	7.4E-13	8.0E-11	1.2E-18	1.1E-16
2,3,7,8-TCDD	3.6E-20	4.6E-19	6.7E-18	1.8E-18	5.3E-17	7.4E-13	2.5E-11	9.3E-14	8.3E-12	6.2E-17	3.9E-15
2,3,7,8-TCDF	1.1E-19	8.4E-19	1.7E-17	3.3E-18	1.3E-16	2.7E-12	1.1E-10	3.4E-13	3.7E-11	1.6E-19	1.4E-17
OCDD	2.4E-22	1.2E-17	2.2E-16	4.7E-17	1.7E-15	8.0E-12	3.2E-10	1.0E-12	1.1E-10	2.3E-18	1.9E-16
OCDF	8.8E-23	4.6E-18	8.3E-17	1.8E-17	6.5E-16	3.0E-12	1.2E-10	3.8E-13	3.9E-11	9.0E-19	7.1E-17
HCN											
Hydrogen cyanide						2.3E-06	8.8E-05	2.8E-07	2.9E-05		
Metals											
Aluminum				1.3E-04						6.6E-06	
Antimony	2.2E-19			6.1E-09		1.5E-07	3.7E-06	1.9E-08	1.2E-06	3.0E-10	
Arsenic	1.2E-17	2.8E-09	6.9E-19	6.6E-09	3.3E-18	8.5E-09	3.0E-07	1.1E-09	1.0E-07	5.4E-10	5.9E-19
Barium	3.1E-14			3.9E-11	1.3E-09	1.8E-06	4.8E-05	2.2E-07	1.6E-05	1.9E-12	1.5E-10
Beryllium	4.7E-19			1.5E-17	5.6E-16	6.1E-10	2.1E-08	7.7E-11	6.9E-09	7.3E-19	6.1E-17
Cadmium	1.2E-16			1.2E-17	4.5E-16	1.1E-08	3.8E-07	1.4E-09	1.3E-07	5.7E-19	4.8E-17
Chromium	3.5E-17			1.0E-12	4.0E-11	9.2E-08	3.3E-06	1.2E-08	1.1E-06	5.0E-14	4.3E-12
Cobalt				2.6E-07	1.3E-10	1.4E-07	2.6E-06	1.8E-08	8.5E-07	1.3E-08	1.3E-11
Copper				4.2E-12	1.6E-10	2.5E-07	8.7E-06	3.2E-08	2.9E-06	2.0E-13	1.7E-11
Iron				2.5E-04						1.2E-05	
Lead	9.9E-20			1.2E-06	5.5E-14	8.5E-08	2.8E-06	1.1E-08	9.3E-07	6.0E-08	5.9E-15
Manganese				1.1E-14	4.4E-13	7.8E-08	2.7E-06	9.7E-09	9.0E-07	5.6E-16	4.7E-14
Mercury (+2)				4.6E-16	1.4E-14	3.4E-10	1.2E-08	4.2E-11	4.0E-09	2.2E-17	1.5E-15
Mercury, elemental				3.2E-10		1.4E-12	4.9E-11	1.8E-13	1.6E-11	6.2E-07	
Methyl Mercury	1.2E-16			2.7E-17	1.1E-15					1.3E-18	1.1E-16

Table H-211 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	4.7E-17			5.7E-06	2.2E-15	5.0E-08	1.7E-06	6.2E-09	5.7E-07	2.8E-07	2.4E-16
Phosphorus				1.1E-16	4.0E-15	3.8E-07	1.2E-05	4.7E-08	4.1E-06	1.0E-12	8.4E-11
Selenium	3.9E-18			5.8E-19	2.2E-17	2.5E-09	8.7E-08	3.1E-10	2.9E-08	2.8E-20	2.4E-18
Silver	2.9E-18			1.1E-14	3.9E-13	1.6E-09	5.3E-08	2.0E-10	1.8E-08	5.2E-16	4.3E-14
Titanium				1.1E-16	4.6E-15	8.7E-10	3.3E-08	1.1E-10	1.1E-08	5.6E-18	5.0E-16
Zinc	5.8E-14			2.6E-15	9.3E-14	2.0E-06	5.6E-05	2.4E-07	1.9E-05	1.3E-16	1.0E-14
NOx											
NOx (Oxides of Nitrogen)						2.2E-05	7.5E-04	2.8E-06	2.5E-04		
PAHs											
1-Methylnaphthalene		3.4E-18	6.9E-17	3.1E-18	1.3E-16	4.7E-07	2.0E-05	5.9E-08	6.5E-06	3.5E-15	3.2E-13
1-Methylphenanthrene				2.1E-15	8.6E-14	5.6E-08	2.4E-06	7.0E-09	7.9E-07	1.0E-16	9.3E-15
2,3,5-Trimethylnaphthalene				9.7E-16	4.2E-14	2.8E-08	1.2E-06	3.5E-09	4.0E-07	4.8E-17	4.6E-15
2,6-Dimethylnaphthalene				2.7E-15	1.1E-13	7.4E-08	3.1E-06	9.2E-09	1.0E-06	1.3E-16	1.2E-14
2-Methylnaphthalene		3.3E-18	6.7E-17	3.0E-18	1.2E-16	4.6E-07	1.9E-05	5.7E-08	6.3E-06	3.4E-15	3.1E-13
Acenaphthylene				8.5E-15	3.6E-13	2.7E-07	1.1E-05	3.4E-08	3.8E-06	4.2E-16	3.9E-14
Acenaphthene	4.8E-17					4.9E-08	2.1E-06	6.2E-09	6.9E-07		
Anthracene	6.1E-16					8.7E-08	3.7E-06	1.1E-08	1.2E-06		
Benzo(a)anthracene	8.8E-14	1.3E-07	5.7E-13	1.2E-07	1.0E-12	4.3E-08	1.8E-06	5.3E-09	6.2E-07	1.8E-06	3.5E-11
Benzo(a)pyrene	4.4E-14	1.1E-07	2.4E-13	9.8E-08	4.4E-13	1.7E-08	7.0E-07	2.1E-09	2.3E-07	4.8E-09	4.8E-14
Benzo(b)fluoranthene	1.2E-14	1.7E-07	1.3E-14	1.6E-07	2.4E-14	1.9E-08	7.6E-07	2.3E-09	2.5E-07	7.8E-09	2.6E-15
Benzo(e)pyrene				4.9E-16	1.9E-14	1.4E-08	5.8E-07	1.8E-09	1.9E-07	2.4E-17	2.1E-15
Benzo(g,h,i)perylene				3.6E-16	1.5E-14	1.1E-08	4.5E-07	1.4E-09	1.5E-07	1.8E-17	1.6E-15
Benzo(k)fluoranthene	9.8E-17	9.4E-08	7.8E-15	8.6E-08	1.4E-14	1.7E-10	3.0E-09	2.1E-11	9.9E-10	4.2E-09	1.5E-15
Biphenyl				4.8E-17	2.0E-15	1.6E-06	6.7E-05	2.0E-07	2.2E-05	2.8E-14	2.6E-12

Table H-211 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	1.5E-14	1.3E-07	6.9E-13	1.2E-07	1.3E-12	7.3E-08	3.0E-06	9.1E-09	1.0E-06	6.0E-09	1.4E-13
Dibenze(a,h)anthracene	2.2E-15	2.1E-08	8.5E-14	1.9E-08	1.6E-13	2.7E-09	1.1E-07	3.3E-10	3.6E-08	9.3E-10	1.7E-14
Fluoranthene	4.0E-15	9.1E-16	1.8E-14	8.3E-16	3.4E-14	1.1E-07	4.4E-06	1.3E-08	1.5E-06	4.0E-17	3.6E-15
Fluorene	8.7E-16					2.7E-07	1.1E-05	3.3E-08	3.8E-06		
Indeno(1,2,3-cd)pyrene	5.5E-15	2.8E-08	2.4E-13	2.5E-08	4.3E-13	8.8E-09	3.6E-07	1.1E-09	1.2E-07	1.2E-09	4.7E-14
Napthalene	4.0E-16	2.7E-09		2.4E-09		2.1E-06	8.8E-05	2.7E-07	2.9E-05	3.5E-06	
Perylene				1.9E-16	8.8E-15	6.6E-09	2.9E-07	8.2E-10	9.7E-08	9.2E-18	9.5E-16
Phenanthrene	4.2E-15					5.0E-07	2.1E-05	6.3E-08	6.9E-06		
Pyrene	2.9E-15	3.1E-15	6.3E-14	2.8E-15	1.1E-13	1.0E-07	4.3E-06	1.3E-08	1.4E-06	7.8E-14	7.0E-12
Particulate											
Particulate Total Suspended Particulate				4.3E-11	1.7E-09	3.3E-04	1.3E-02	4.2E-05	4.3E-03	2.1E-12	1.9E-10
PM<10				5.5E-11	2.3E-09	4.4E-04	1.7E-02	5.5E-05	5.8E-03	2.7E-12	2.4E-10
PM<2.5				4.5E-11	1.9E-09	3.8E-04	1.5E-02	4.7E-05	5.0E-03	2.2E-12	2.1E-10
PCBs											
Dichlorobiphenyl	8.7E-17	8.2E-18	1.6E-16	7.0E-18	2.8E-16	1.3E-09	5.4E-08	1.7E-10	1.8E-08	6.5E-16	5.7E-14
Heptachlorobiphenyl	3.3E-18	9.5E-19	1.8E-17	8.1E-19	3.1E-17	1.8E-11	7.3E-10	2.3E-12	2.4E-10	4.1E-17	3.5E-15
Hexachlorobiphenyl	1.3E-17	4.3E-18	7.7E-17	3.6E-18	1.3E-16	7.6E-11	3.0E-09	9.5E-12	9.9E-10	1.9E-16	1.5E-14
Monochlorobiphenyl	6.1E-16	5.7E-17	1.1E-15	4.8E-17	1.9E-15	9.2E-09	3.8E-07	1.2E-09	1.3E-07	4.5E-15	4.0E-13
Nonachlorobiphenyl	4.1E-19	1.7E-19	2.6E-18	1.4E-19	4.4E-18	2.6E-12	9.1E-11	3.2E-13	3.0E-11	7.2E-18	5.0E-16
Octachlorobiphenyl	9.7E-19	3.1E-19	5.6E-18	2.6E-19	9.5E-18	5.5E-12	2.2E-10	6.9E-13	7.2E-11	1.3E-17	1.1E-15
Pentachlorobiphenyl	4.4E-17	1.6E-17	2.7E-16	1.3E-17	4.5E-16	2.6E-10	9.9E-09	3.3E-11	3.3E-09	6.7E-16	5.0E-14
Tetrachlorobiphenyl	2.6E-17	3.1E-18	5.3E-17	2.7E-18	9.0E-17	4.3E-10	1.6E-08	5.4E-11	5.4E-09	2.5E-16	1.8E-14
Trichlorobiphenyl	3.4E-17	3.8E-18	6.7E-17	3.2E-18	1.1E-16	5.5E-10	2.1E-08	6.8E-11	7.0E-09	3.0E-16	2.3E-14
Pesticides											

Table H-211 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
DDE				9.2E-09						2.9E-07	
Dieldrin		8.8E-10		1.0E-09						5.1E-11	
SVOCs											
1,2,4-trichlorobenzene						3.9E-09	1.2E-07	4.8E-10	4.1E-08		
1,2-dichlorobenzene	3.9E-20					1.6E-09	2.8E-08	1.9E-10	9.2E-09		
1,3-Butadiene						3.9E-04					
1,3-dichlorobenzene	9.9E-20					2.3E-09	7.9E-08	2.9E-10	2.6E-08		
1,4-dichlorobenzene	1.3E-18					2.2E-08	9.7E-07	2.7E-09	3.2E-07		
2,4-Dimethylphenol	3.6E-17					3.4E-07	1.4E-05	4.2E-08	4.5E-06		
2-Chlorophenol	1.8E-18					6.8E-08	2.9E-06	8.5E-09	9.8E-07		
2-Methylphenol	7.5E-16					8.0E-07	3.3E-05	9.9E-08	1.1E-05		
2-Nitrophenol	4.6E-18					1.1E-07	4.5E-06	1.3E-08	1.5E-06		
3-Methylphenol & 4-Methylphenol				5.3E-14	2.2E-12	1.4E-06	6.0E-05	1.8E-07	2.0E-05	2.6E-15	2.4E-13
4-Nitrophenol	9.3E-18					1.8E-07	6.9E-06	2.2E-08	2.3E-06		
Acetophenone	5.6E-17					1.7E-06	7.0E-05	2.1E-07	2.3E-05		
Benzoic acid	2.3E-16					7.7E-06	3.2E-04	9.6E-07	1.1E-04		
Benzyl alcohol	1.4E-19					6.4E-08	1.9E-06	8.0E-09	6.5E-07		
bis(2-Ethylhexyl) phthalate	7.0E-15	9.6E-14	1.7E-12	1.1E-13	4.1E-12	2.7E-06	1.1E-04	3.4E-07	3.5E-05	5.6E-15	4.4E-13
Butyl benzyl phthalate	2.5E-15	4.7E-17	9.5E-16	5.5E-17	2.2E-15	8.5E-08	3.5E-06	1.1E-08	1.2E-06	2.7E-18	2.4E-16
Carbazole				2.0E-16	3.7E-15	2.4E-09	4.3E-08	3.0E-10	1.4E-08	9.8E-18	4.0E-16
Dibenzofuran		2.1E-18	4.1E-17	8.1E-18	3.2E-16	1.4E-07	5.6E-06	1.7E-08	1.9E-06	3.5E-15	3.0E-13
Dimethyl phthalate	9.2E-19					4.8E-09	8.5E-08	5.9E-10	2.8E-08		
Di-n-butyl phthalate	2.4E-14	4.6E-17	9.5E-16	5.5E-17	2.3E-15	1.3E-07	5.4E-06	1.6E-08	1.8E-06	2.7E-18	2.4E-16
Di-n-octyl phthalate	1.8E-19	1.3E-16	1.2E-15	1.6E-16	2.9E-15	9.2E-09	1.6E-07	1.1E-09	5.5E-08	7.8E-18	3.2E-16

Table H-211 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	9.6E-17					6.3E-07	1.1E-05	7.9E-08	3.8E-06		
Isopropanol						4.6E-02					
Phenol	2.1E-15					4.3E-06	1.8E-04	5.4E-07	5.9E-05		
Pyridine	1.1E-16					4.1E-07	1.7E-05	5.1E-08	5.7E-06		
TRS											
Total Reduced Sulfur						4.2E-06	1.8E-04	5.2E-07	6.0E-05		
VOCs											
1,1,1,2-Tetrachloroethane	3.8E-20					1.9E-09	6.5E-08	2.4E-10	2.2E-08		
1,1,1-Trichloroethane	2.5E-21					1.9E-09	7.1E-08	2.4E-10	2.4E-08		
1,1-Dichloroethene	8.5E-23					3.7E-10	6.6E-09	4.6E-11	2.2E-09		
1,2,3-Trichlorobenzene	2.7E-18					7.6E-09	2.8E-07	9.5E-10	9.4E-08		
1,2,3-Trichloropropane	1.5E-20					1.5E-09	2.8E-08	1.9E-10	9.2E-09		
1,2,4-Trimethylbenzene						8.9E-08	2.8E-06	1.1E-08	9.4E-07		
1,2-Dibromoethane	5.3E-21					9.9E-10	1.8E-08	1.2E-10	5.9E-09		
1,2-Dichloroethane	1.7E-19					4.0E-08	1.5E-06	1.4E-05	5.0E-07		
1,3,5-Trimethylbenzene	8.6E-19					8.4E-08	2.5E-06	1.0E-08	8.3E-07		
1,3-Dichloropropane						9.6E-10	1.7E-08	1.2E-10	5.7E-09		
2-Butanone	3.5E-17					4.7E-07	1.9E-05	5.9E-08	6.2E-06		
2-Chlorotoluene						2.1E-08	8.7E-07	2.6E-09	2.9E-07		
2-Hexanone						9.7E-08	3.5E-06	1.2E-08	1.2E-06		
Benzene	2.8E-17					1.6E-03	4.9E-04	1.4E-04	1.6E-04		
Bromobenzene						5.3E-07	9.5E-06	6.6E-08	3.2E-06		
Bromochloromethane						1.3E-09	2.2E-08	1.6E-10	7.5E-09		
Bromodichloromethane	4.5E-21					1.4E-09	2.4E-08	1.7E-10	8.1E-09		

Table H-211 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromomethane	1.9E-20					5.4E-08	1.6E-06	6.8E-09	5.5E-07		
Carbon disulfide	1.8E-20					4.8E-08	1.4E-06	6.0E-09	4.7E-07		
Carbon tetrachloride	1.9E-21					2.0E-03	5.6E-08	2.2E-04	1.9E-08		
Chlorobenzene	6.7E-19					6.9E-08	2.5E-06	8.6E-09	8.2E-07		
Chlorodibromomethane	2.6E-19					3.4E-08	6.0E-07	4.2E-09	2.0E-07		
Chloroethane	5.3E-20					1.3E-07	4.5E-06	1.6E-08	1.5E-06		
Chloroform	4.0E-20					4.6E-04	5.5E-07	3.4E-05	1.8E-07		
Chloromethane	1.4E-19					4.4E-07	1.3E-05	5.5E-08	4.5E-06		
cis-1,2-Dichloroethene	5.4E-20					5.7E-08	1.0E-06	7.1E-09	3.4E-07		
cis-1,3-Dichloropropene						3.5E-10	6.2E-09	4.3E-11	2.1E-09		
Dibromomethane	6.0E-21					2.9E-09	5.2E-08	3.6E-10	1.7E-08		
Dichlorodifluoromethane	6.7E-23					3.6E-09	6.3E-08	4.4E-10	2.1E-08		
Ethylbenzene	2.1E-17					7.5E-04	1.1E-04	3.5E-07	3.5E-05		
Isopropylbenzene	2.8E-20					2.3E-07	7.7E-06	2.8E-08	2.6E-06		
m&p-Xylene	3.4E-18					5.2E-07	1.8E-05	6.5E-08	5.9E-06		
Methyl Isobutyl Ketone (4-methyl-2-per	3.4E-20					5.1E-09	9.1E-08	6.4E-10	3.0E-08		
Methylene chloride	3.7E-19					2.6E-07	9.5E-06	3.2E-08	3.2E-06		
n-Butylbenzene						1.1E-07	3.3E-06	1.4E-08	1.1E-06		
n-Propylbenzene						1.3E-07	4.4E-06	1.7E-08	1.5E-06		
o-Xylene	4.0E-18					3.3E-07	1.1E-05	4.1E-08	3.6E-06		
p-Chlorotoluene						7.9E-09	2.4E-07	9.9E-10	8.0E-08		
p-Isopropyltoluene						5.5E-08	1.3E-06	6.9E-09	4.4E-07		
sec-Butylbenzene						2.0E-08	6.2E-07	2.5E-09	2.1E-07		
Styrene	1.3E-16					7.3E-06	2.7E-04	9.1E-07	8.9E-05		

Table H-211 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						6.5E-07	1.2E-05	8.2E-08	3.9E-06		
Tetrachloroethene	9.4E-21					1.7E-09	6.0E-08	2.2E-10	2.0E-08		
Toluene	2.2E-17					4.5E-06	1.8E-04	5.6E-07	5.9E-05		
trans-1,2-Dichloroethene	8.4E-19					1.2E-06	2.2E-05	1.5E-07	7.2E-06		
trans-1,3-Dichloropropene						6.0E-10	1.1E-08	7.5E-11	3.6E-09		
Trichloroethene	9.7E-23					5.2E-04	1.9E-09	1.3E-11	6.2E-10		
Trichlorofluoromethane	1.5E-22					1.2E-09	2.2E-08	1.6E-10	7.4E-09		
Vinyl chloride	6.9E-21					4.2E-05	1.7E-06	8.8E-09	5.7E-07		

Table H-212 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	3.0E-05	1.0E-07	9.9E-06		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	5.2E-05	1.8E-07	1.7E-05		
Formaldehyde	4.5E-13					6.2E-07	2.0E-05	7.7E-08	6.8E-06		
Propionaldehyde				2.2E-15	7.2E-14	1.6E-07	5.8E-06	2.0E-08	1.9E-06	1.7E-14	1.2E-12
CO											
Carbon monoxide						4.5E-05	1.7E-03	5.6E-06	5.6E-04		
CO2											
Carbon dioxide						1.4E-06	5.0E-05	1.8E-07	1.7E-05		
Criteria											
Sulfur Dioxide						3.8E-07	1.2E-05	4.7E-08	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	4.0E-14	8.5E-15	3.2E-13	8.5E-13	3.4E-11	1.1E-13	1.1E-11	4.2E-19	3.4E-17
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	4.1E-14	8.6E-15	3.2E-13	8.6E-13	3.4E-11	1.1E-13	1.1E-11	4.2E-19	3.5E-17
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	4.9E-15	9.9E-16	3.9E-14	1.1E-13	4.4E-12	1.4E-14	1.5E-12	4.8E-20	4.2E-18
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	4.7E-15	9.7E-16	3.7E-14	1.0E-13	4.1E-12	1.3E-14	1.4E-12	4.7E-20	4.0E-18
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	3.8E-14	7.7E-15	3.0E-13	8.3E-13	3.3E-11	1.0E-13	1.1E-11	3.8E-19	3.2E-17
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	9.7E-15	2.0E-15	7.7E-14	2.1E-13	8.7E-12	2.7E-14	2.9E-12	9.7E-20	8.3E-18
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	1.2E-14	2.5E-15	9.8E-14	2.7E-13	1.1E-11	3.4E-14	3.6E-12	1.2E-19	1.1E-17
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.5E-14	3.1E-15	1.2E-13	3.2E-13	1.3E-11	4.1E-14	4.4E-12	1.5E-19	1.3E-17
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	8.9E-16	1.8E-16	7.1E-15	2.1E-14	8.4E-13	2.6E-15	2.8E-13	8.8E-21	7.6E-19
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	5.4E-15	1.1E-15	4.3E-14	1.3E-13	5.3E-12	1.6E-14	1.8E-12	5.4E-20	4.6E-18
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	6.4E-15	1.3E-15	5.1E-14	1.8E-13	7.5E-12	2.3E-14	2.5E-12	6.3E-20	5.5E-18

Table H-212 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.9E-14	3.9E-15	1.5E-13	4.2E-13	1.7E-11	5.2E-14	5.6E-12	1.9E-19	1.6E-17
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.5E-14	3.1E-15	1.2E-13	4.1E-13	1.7E-11	5.2E-14	5.6E-12	1.5E-19	1.3E-17
2,3,7,8-TCDD	2.7E-18	5.5E-17	8.0E-16	2.2E-16	6.3E-15	5.2E-14	1.7E-12	6.5E-15	5.8E-13	7.4E-18	4.7E-16
2,3,7,8-TCDF	8.2E-18	1.0E-16	2.0E-15	4.0E-16	1.6E-14	1.9E-13	7.8E-12	2.4E-14	2.6E-12	2.0E-20	1.7E-18
OCDD	2.5E-20	1.5E-15	2.7E-14	5.8E-15	2.1E-13	5.6E-13	2.2E-11	7.0E-14	7.4E-12	2.8E-19	2.3E-17
OCDF	9.3E-21	5.7E-16	1.0E-14	2.2E-15	8.0E-14	2.1E-13	8.2E-12	2.6E-14	2.7E-12	1.1E-19	8.6E-18
HCN											
Hydrogen cyanide						1.6E-07	6.2E-06	2.0E-08	2.1E-06		
Metals											
Aluminum				9.4E-03						4.6E-07	
Antimony	1.6E-17			4.3E-07		1.0E-08	2.6E-07	1.3E-09	8.6E-08	2.1E-11	
Arsenic	8.1E-16	2.0E-07	4.8E-17	4.6E-07	2.3E-16	5.9E-10	2.1E-08	7.4E-11	7.0E-09	3.8E-11	4.1E-20
Barium	2.7E-12			4.4E-09	1.5E-07	1.3E-07	3.4E-06	1.6E-08	1.1E-06	2.1E-13	1.6E-11
Beryllium	3.3E-17			1.0E-15	3.9E-14	4.3E-11	1.5E-09	5.4E-12	4.8E-10	5.1E-20	4.3E-18
Cadmium	8.3E-15			8.2E-16	3.1E-14	7.6E-10	2.6E-08	9.5E-11	8.8E-09	4.0E-20	3.4E-18
Chromium	2.8E-15			9.6E-11	3.7E-09	6.5E-09	2.3E-07	8.1E-10	7.7E-08	4.7E-15	4.0E-13
Cobalt				1.8E-05	1.4E-08	9.8E-09	1.8E-07	1.2E-09	6.0E-08	8.8E-10	1.5E-12
Copper				4.5E-10	1.7E-08	1.8E-08	6.1E-07	2.2E-09	2.0E-07	2.2E-14	1.8E-12
Iron				1.7E-02						8.4E-07	
Lead	6.9E-18			8.6E-05	3.8E-12	6.0E-09	2.0E-07	7.5E-10	6.5E-08	4.2E-09	4.1E-16
Manganese				8.0E-13	3.1E-11	5.5E-09	1.9E-07	6.8E-10	6.3E-08	3.9E-17	3.3E-15
Mercury (+2)				6.4E-14	2.0E-12	2.4E-11	8.3E-10	2.9E-12	2.8E-10	3.1E-18	2.1E-16
Mercury, elemental				2.3E-08		9.8E-14	3.5E-12	1.2E-14	1.2E-12	4.3E-08	
Methyl Mercury	1.3E-14			3.8E-15	1.5E-13					1.9E-19	1.6E-17

Table H-212 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			4.0E-04	1.6E-13	3.5E-09	1.2E-07	4.3E-10	4.0E-08	2.0E-08	1.7E-17
Phosphorus				7.5E-15	2.8E-13	2.6E-08	8.6E-07	3.3E-09	2.9E-07	7.2E-14	5.9E-12
Selenium	2.8E-16			4.0E-17	1.6E-15	1.7E-10	6.1E-09	2.2E-11	2.0E-09	2.0E-21	1.7E-19
Silver	2.1E-16			8.5E-13	3.2E-11	1.1E-10	3.7E-09	1.4E-11	1.2E-09	4.2E-17	3.4E-15
Titanium				8.0E-15	3.2E-13	6.1E-11	2.3E-09	7.6E-12	7.6E-10	3.9E-19	3.5E-17
Zinc	4.1E-12			1.8E-13	6.5E-12	1.4E-07	3.9E-06	1.7E-08	1.3E-06	9.0E-18	7.0E-16
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	5.2E-05	2.0E-07	1.7E-05		
PAHs											
1-Methylnaphthalene		2.4E-16	4.9E-15	2.2E-16	8.9E-15	3.3E-08	1.4E-06	4.1E-09	4.6E-07	2.5E-16	2.2E-14
1-Methylphenanthrene				1.5E-13	6.0E-12	3.9E-09	1.7E-07	4.9E-10	5.5E-08	7.1E-18	6.5E-16
2,3,5-Trimethylnaphthalene				6.8E-14	3.0E-12	1.9E-09	8.4E-08	2.4E-10	2.8E-08	3.3E-18	3.2E-16
2,6-Dimethylnaphthalene				1.9E-13	7.9E-12	5.1E-09	2.2E-07	6.4E-10	7.3E-08	9.1E-18	8.5E-16
2-Methylnaphthalene		2.3E-16	4.7E-15	2.1E-16	8.6E-15	3.2E-08	1.3E-06	4.0E-09	4.4E-07	2.4E-16	2.2E-14
Acenaphthylene				6.0E-13	2.5E-11	1.9E-08	8.0E-07	2.4E-09	2.7E-07	2.9E-17	2.7E-15
Acenaphthene	3.4E-15					3.5E-09	1.4E-07	4.3E-10	4.8E-08		
Anthracene	4.3E-14					6.1E-09	2.6E-07	7.6E-10	8.6E-08		
Benzo(a)anthracene	6.2E-12	9.0E-06	4.4E-11	8.1E-06	8.0E-11	3.0E-09	1.3E-07	3.7E-10	4.3E-08	1.2E-07	2.7E-12
Benzo(a)pyrene	3.1E-12	7.5E-06	1.8E-11	6.8E-06	3.3E-11	1.2E-09	4.9E-08	1.5E-10	1.6E-08	3.4E-10	3.6E-15
Benzo(b)fluoranthene	8.3E-13	1.2E-05	1.0E-12	1.1E-05	1.8E-12	1.3E-09	5.3E-08	1.6E-10	1.8E-08	5.5E-10	2.0E-16
Benzo(e)pyrene				3.4E-14	1.3E-12	1.0E-09	4.1E-08	1.3E-10	1.4E-08	1.7E-18	1.4E-16
Benzo(g,h,i)perylene				2.5E-14	1.0E-12	7.7E-10	3.2E-08	9.6E-11	1.1E-08	1.2E-18	1.1E-16
Benzo(k)fluoranthene	7.9E-15	6.6E-06	7.3E-13	6.0E-06	1.3E-12	1.2E-11	2.1E-10	1.5E-12	6.9E-11	2.9E-10	1.4E-16
Biphenyl				3.3E-15	1.4E-13	1.1E-07	4.7E-06	1.4E-08	1.6E-06	2.0E-15	1.8E-13

Table H-212 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	1.1E-12	9.4E-06	5.6E-11	8.6E-06	1.0E-10	5.1E-09	2.1E-07	6.4E-10	7.1E-08	4.2E-10	1.1E-14
Dibenze(a,h)anthracene	1.6E-13	1.5E-06	6.8E-12	1.3E-06	1.2E-11	1.9E-10	7.6E-09	2.3E-11	2.5E-09	6.5E-11	1.3E-15
Fluoranthene	2.8E-13	6.8E-14	1.4E-12	6.1E-14	2.5E-12	7.5E-09	3.1E-07	9.4E-10	1.0E-07	3.0E-18	2.7E-16
Fluorene	6.1E-14					1.9E-08	7.9E-07	2.3E-09	2.6E-07		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.9E-06	1.8E-11	1.8E-06	3.3E-11	6.2E-10	2.5E-08	7.7E-11	8.5E-09	8.6E-11	3.6E-15
Napthalene	2.8E-14	1.9E-07		1.7E-07		1.5E-07	6.2E-06	1.9E-08	2.1E-06	2.5E-07	
Perylene				1.3E-14	6.2E-13	4.6E-10	2.0E-08	5.8E-11	6.8E-09	6.5E-19	6.6E-17
Phenanthrene	2.9E-13					3.5E-08	1.5E-06	4.4E-09	4.8E-07		
Pyrene	2.0E-13	2.8E-13	5.7E-12	2.5E-13	1.0E-11	7.3E-09	3.0E-07	9.1E-10	1.0E-07	7.1E-15	6.4E-13
Particulate											
Particulate Total Suspended Particulate				3.0E-09	1.2E-07	2.3E-05	9.0E-04	2.9E-06	3.0E-04	1.5E-13	1.3E-11
PM<10				3.8E-09	1.6E-07	3.1E-05	1.2E-03	3.9E-06	4.0E-04	1.9E-13	1.7E-11
PM<2.5				3.2E-09	1.3E-07	2.6E-05	1.0E-03	3.3E-06	3.5E-04	1.6E-13	1.4E-11
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	2.0E-14	8.3E-16	3.3E-14	9.3E-11	3.8E-09	1.2E-11	1.3E-09	7.8E-17	6.8E-15
Heptachlorobiphenyl	2.3E-16	1.2E-16	2.2E-15	9.8E-17	3.8E-15	1.3E-12	5.1E-11	1.6E-13	1.7E-11	5.0E-18	4.2E-16
Hexachlorobiphenyl	9.4E-16	5.2E-16	9.4E-15	4.4E-16	1.6E-14	5.3E-12	2.1E-10	6.7E-13	6.9E-11	2.3E-17	1.8E-15
Monochlorobiphenyl	4.3E-14	6.9E-15	1.4E-13	5.8E-15	2.3E-13	6.5E-10	2.7E-08	8.1E-11	8.9E-09	5.4E-16	4.7E-14
Nonachlorobiphenyl	2.9E-17	2.0E-17	3.2E-16	1.7E-17	5.4E-16	1.8E-13	6.4E-12	2.2E-14	2.1E-12	8.8E-19	6.0E-17
Octachlorobiphenyl	6.9E-17	3.8E-17	6.9E-16	3.2E-17	1.2E-15	3.9E-13	1.5E-11	4.9E-14	5.1E-12	1.6E-18	1.3E-16
Pentachlorobiphenyl	3.1E-15	1.9E-15	3.2E-14	1.6E-15	5.5E-14	1.8E-11	6.9E-10	2.3E-12	2.3E-10	8.1E-17	6.1E-15
Tetrachlorobiphenyl	1.8E-15	3.8E-16	6.4E-15	3.2E-16	1.1E-14	3.0E-11	1.1E-09	3.8E-12	3.8E-10	3.0E-17	2.2E-15
Trichlorobiphenyl	2.4E-15	4.5E-16	8.1E-15	3.8E-16	1.4E-14	3.8E-11	1.5E-09	4.8E-12	4.9E-10	3.6E-17	2.8E-15
Pesticides											

Table H-212 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
DDE				6.4E-07						2.0E-08	
Dieldrin		6.2E-08		7.3E-08						3.6E-12	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	8.7E-09	3.4E-11	2.9E-09		
1,2-dichlorobenzene	2.8E-18					1.1E-10	1.9E-09	1.4E-11	6.5E-10		
1,3-Butadiene						2.7E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	5.5E-09	2.0E-11	1.8E-09		
1,4-dichlorobenzene	9.2E-17					1.5E-09	6.8E-08	1.9E-10	2.3E-08		
2,4-Dimethylphenol	2.5E-15					2.4E-08	9.5E-07	3.0E-09	3.2E-07		
2-Chlorophenol	1.3E-16					4.7E-09	2.1E-07	5.9E-10	6.9E-08		
2-Methylphenol	5.3E-14					5.6E-08	2.3E-06	7.0E-09	7.8E-07		
2-Nitrophenol	3.2E-16					7.6E-09	3.1E-07	9.4E-10	1.0E-07		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.5E-10	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.8E-16	1.7E-14
4-Nitrophenol	6.5E-16					1.3E-08	4.8E-07	1.6E-09	1.6E-07		
Acetophenone	3.9E-15					1.2E-07	4.9E-06	1.5E-08	1.6E-06		
Benzoic acid	1.6E-14					5.4E-07	2.2E-05	6.7E-08	7.5E-06		
Benzyl alcohol	9.8E-18					4.5E-09	1.4E-07	5.6E-10	4.5E-08		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	1.2E-10	8.0E-12	2.9E-10	1.9E-07	7.4E-06	2.4E-08	2.5E-06	3.9E-16	3.1E-14
Butyl benzyl phthalate	1.8E-13	3.3E-15	6.6E-14	3.8E-15	1.6E-13	6.0E-09	2.5E-07	7.5E-10	8.3E-08	1.9E-19	1.7E-17
Carbazole				1.4E-14	2.6E-13	1.7E-10	3.0E-09	2.1E-11	1.0E-09	6.9E-19	2.8E-17
Dibenzofuran		1.4E-16	2.9E-15	5.7E-16	2.3E-14	9.5E-09	3.9E-07	1.2E-09	1.3E-07	2.4E-16	2.1E-14
Dimethyl phthalate	6.5E-17					3.3E-10	5.9E-09	4.2E-11	2.0E-09		
Di-n-butyl phthalate	1.7E-12	3.3E-15	6.7E-14	3.9E-15	1.6E-13	9.2E-09	3.8E-07	1.1E-09	1.3E-07	1.9E-19	1.7E-17
Di-n-octyl phthalate	1.3E-17	9.4E-15	8.7E-14	1.1E-14	2.1E-13	6.4E-10	1.1E-08	8.0E-11	3.8E-09	5.5E-19	2.2E-17

Table H-212 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	7.9E-07	5.5E-09	2.6E-07		
Isopropanol						3.2E-03					
Phenol	1.5E-13					3.0E-07	1.2E-05	3.8E-08	4.2E-06		
Pyridine	7.7E-15					2.9E-08	1.2E-06	3.6E-09	4.0E-07		
TRS											
Total Reduced Sulfur						2.9E-07	1.3E-05	3.6E-08	4.2E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	4.6E-09	1.7E-11	1.5E-09		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	5.0E-09	1.7E-11	1.7E-09		
1,1-Dichloroethene	6.0E-21					2.6E-11	4.6E-10	3.2E-12	1.5E-10		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	2.0E-08	6.7E-11	6.6E-09		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	1.9E-09	1.4E-11	6.4E-10		
1,2,4-Trimethylbenzene						6.2E-09	2.0E-07	7.8E-10	6.6E-08		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.2E-09	8.6E-12	4.1E-10		
1,2-Dichloroethane	1.2E-17					2.8E-09	1.0E-07	1.0E-06	3.5E-08		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.7E-07	7.3E-10	5.8E-08		
1,3-Dichloropropane						6.7E-11	1.2E-09	8.4E-12	4.0E-10		
2-Butanone	2.4E-15					3.3E-08	1.3E-06	4.1E-09	4.4E-07		
2-Chlorotoluene						1.5E-09	6.1E-08	1.8E-10	2.0E-08		
2-Hexanone						6.8E-09	2.5E-07	8.4E-10	8.2E-08		
Benzene	2.0E-15					1.1E-04	3.4E-05	9.7E-06	1.1E-05		
Bromobenzene						3.7E-08	6.6E-07	4.7E-09	2.2E-07		
Bromochloromethane						8.8E-11	1.6E-09	1.1E-11	5.2E-10		
Bromodichloromethane	3.1E-19					9.5E-11	1.7E-09	1.2E-11	5.7E-10		

Table H-212 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	1.1E-07	4.8E-10	3.8E-08		
Carbon disulfide	1.3E-18					3.3E-09	9.8E-08	4.2E-10	3.3E-08		
Carbon tetrachloride	1.3E-19					1.4E-04	3.9E-09	1.5E-05	1.3E-09		
Chlorobenzene	4.7E-17					4.8E-09	1.7E-07	6.0E-10	5.7E-08		
Chlorodibromomethane	1.8E-17					2.4E-09	4.2E-08	3.0E-10	1.4E-08		
Chloroethane	3.7E-18					9.1E-09	3.2E-07	1.1E-09	1.1E-07		
Chloroform	2.8E-18					3.2E-05	3.8E-08	2.4E-06	1.3E-08		
Chloromethane	9.8E-18					3.1E-08	9.4E-07	3.9E-09	3.1E-07		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	7.1E-08	5.0E-10	2.4E-08		
cis-1,3-Dichloropropene						2.4E-11	4.3E-10	3.0E-12	1.4E-10		
Dibromomethane	4.2E-19					2.0E-10	3.6E-09	2.5E-11	1.2E-09		
Dichlorodifluoromethane	4.7E-21					2.5E-10	4.4E-09	3.1E-11	1.5E-09		
Ethylbenzene	1.5E-15					5.3E-05	7.4E-06	2.4E-08	2.5E-06		
Isopropylbenzene	2.0E-18					1.6E-08	5.4E-07	2.0E-09	1.8E-07		
m&p-Xylene	2.4E-16					3.6E-08	1.2E-06	4.6E-09	4.1E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	6.4E-09	4.5E-11	2.1E-09		
Methylene chloride	2.6E-17					1.8E-08	6.6E-07	2.3E-09	2.2E-07		
n-Butylbenzene						7.8E-09	2.3E-07	9.7E-10	7.7E-08		
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07		
o-Xylene	2.8E-16					2.3E-08	7.6E-07	2.9E-09	2.5E-07		
p-Chlorotoluene						5.5E-10	1.7E-08	6.9E-11	5.6E-09		
p-Isopropyltoluene						3.8E-09	9.2E-08	4.8E-10	3.1E-08		
sec-Butylbenzene						1.4E-09	4.3E-08	1.8E-10	1.4E-08		
Styrene	9.4E-15					5.1E-07	1.9E-05	6.4E-08	6.2E-06		

Table H-212 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						4.6E-08	8.1E-07	5.7E-09	2.7E-07		
Tetrachloroethene	6.6E-19					1.2E-10	4.2E-09	1.5E-11	1.4E-09		
Toluene	1.6E-15					3.2E-07	1.2E-05	3.9E-08	4.1E-06		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	1.5E-06	1.1E-08	5.0E-07		
trans-1,3-Dichloropropene						4.2E-11	7.5E-10	5.3E-12	2.5E-10		
Trichloroethene	6.8E-21					3.7E-05	1.3E-10	9.1E-13	4.3E-11		
Trichlorofluoromethane	1.0E-20					8.7E-11	1.6E-09	1.1E-11	5.2E-10		
Vinyl chloride	4.8E-19					3.0E-06	1.2E-07	6.2E-10	4.0E-08		

Table H-213 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			1.2E-05	1.5E-06	
Aldehydes					
Acetaldehyde			2.1E-05	2.6E-06	
Formaldehyde			8.8E-06	1.1E-06	
Propionaldehyde		3.2E-17	2.3E-06	2.8E-07	2.4E-13
CO					
Carbon monoxide			6.4E-04	8.0E-05	
CO2					
Carbon dioxide			2.0E-05	2.5E-06	
Criteria					
Sulfur Dioxide			5.4E-06	6.8E-07	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	1.8E-17	7.0E-17	1.2E-11	1.5E-12	3.4E-18
1,2,3,4,6,7,8-HpCDF	1.8E-17	7.1E-17	1.2E-11	1.5E-12	3.5E-18
1,2,3,4,7,8,9-HpCDF	2.1E-18	8.1E-18	1.6E-12	1.9E-13	4.0E-19
1,2,3,4,7,8-HxCDD	2.0E-18	7.9E-18	1.5E-12	1.8E-13	3.9E-19
1,2,3,4,7,8-HxCDF	1.6E-17	6.3E-17	1.2E-11	1.5E-12	3.1E-18
1,2,3,6,7,8-HxCDD	4.1E-18	1.6E-17	3.1E-12	3.8E-13	7.9E-19
1,2,3,6,7,8-HxCDF	5.2E-18	2.1E-17	3.8E-12	4.8E-13	1.0E-18
1,2,3,7,8,9-HxCDD	6.5E-18	2.6E-17	4.6E-12	5.8E-13	1.3E-18
1,2,3,7,8,9-HxCDF	3.7E-19	1.5E-18	2.9E-13	3.7E-14	7.2E-20

Table H-213 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	2.3E-18	9.0E-18	1.8E-12	2.3E-13	4.4E-19
1,2,3,7,8-PeCDF	2.7E-18	1.1E-17	2.6E-12	3.3E-13	5.2E-19
2,3,4,6,7,8-HxCDF	8.2E-18	3.2E-17	5.9E-12	7.4E-13	1.6E-18
2,3,4,7,8-PeCDF	6.4E-18	2.5E-17	5.9E-12	7.4E-13	1.2E-18
2,3,7,8-TCDD	4.6E-19	1.8E-18	7.4E-13	9.3E-14	6.2E-17
2,3,7,8-TCDF	8.4E-19	3.3E-18	2.7E-12	3.4E-13	1.6E-19
OCDD	1.2E-17	4.7E-17	8.0E-12	1.0E-12	2.3E-18
OCDF	4.6E-18	1.8E-17	3.0E-12	3.8E-13	9.0E-19
HCN					
Hydrogen cyanide			2.3E-06	2.8E-07	
Metals					
Aluminum		1.5E-04			7.6E-06
Antimony		3.7E-09	1.5E-07	1.9E-08	1.8E-10
Arsenic	8.5E-09	2.0E-08	8.5E-09	1.1E-09	1.6E-09
Barium		3.9E-11	1.8E-06	2.2E-07	1.9E-12
Beryllium		1.5E-17	6.1E-10	7.7E-11	7.3E-19
Cadmium		1.2E-17	1.1E-08	1.4E-09	5.7E-19
Chromium		1.0E-12	9.2E-08	1.2E-08	5.0E-14
Cobalt		4.5E-07	1.4E-07	1.8E-08	2.2E-08
Copper		4.2E-12	2.5E-07	3.2E-08	2.0E-13
Iron		3.6E-04			1.8E-05
Lead		1.3E-06	8.5E-08	1.1E-08	6.3E-08

Table H-213 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		1.1E-14	7.8E-08	9.7E-09	5.6E-16
Mercury (+2)		4.6E-16	3.4E-10	4.2E-11	2.2E-17
Mercury, elemental		1.4E-08	1.4E-12	1.8E-13	2.7E-05
Methyl Mercury		2.7E-17			1.3E-18
Nickel		8.3E-06	5.0E-08	6.2E-09	4.1E-07
Phosphorus		1.1E-16	3.8E-07	4.7E-08	1.0E-12
Selenium		5.8E-19	2.5E-09	3.1E-10	2.8E-20
Silver		1.1E-14	1.6E-09	2.0E-10	5.2E-16
Thallium (Soluble Salts)		3.8E-09			1.9E-10
Titanium		1.1E-16	8.7E-10	1.1E-10	5.6E-18
Zinc		2.6E-15	2.0E-06	2.4E-07	1.3E-16
NOx					
NOx (Oxides of Nitrogen)			2.2E-05	2.8E-06	
PAHs					
1-Methylnaphthalene	3.4E-18	3.1E-18	4.7E-07	5.9E-08	3.5E-15
1-Methylphenanthrene		2.1E-15	5.6E-08	7.0E-09	1.0E-16
2,3,5-Trimethylnaphthalene		9.7E-16	2.8E-08	3.5E-09	4.8E-17
2,6-Dimethylnaphthalene		2.7E-15	7.4E-08	9.2E-09	1.3E-16
2-Methylnaphthalene	3.3E-18	3.0E-18	4.6E-07	5.7E-08	3.4E-15
Acenaphthylene		8.5E-15	2.7E-07	3.4E-08	4.2E-16
Acenaphthene			4.9E-08	6.2E-09	
Anthracene			8.7E-08	1.1E-08	

Table H-213 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)anthracene	1.3E-09	1.2E-09	4.3E-08	5.3E-09	1.8E-08
Benzo(a)pyrene	1.2E-09	1.1E-09	1.7E-08	2.1E-09	5.4E-11
Benzo(b)fluoranthene	1.9E-09	1.7E-09	1.9E-08	2.3E-09	8.4E-11
Benzo(e)pyrene		4.9E-16	1.4E-08	1.8E-09	2.4E-17
Benzo(g,h,i)perylene		3.6E-16	1.1E-08	1.4E-09	1.8E-17
Benzo(k)fluoranthene	1.0E-09	9.2E-10	1.7E-10	2.1E-11	4.5E-11
Biphenyl		4.8E-17	1.6E-06	2.0E-07	2.8E-14
Chrysene	1.6E-09	1.5E-09	7.3E-08	9.1E-09	7.2E-11
Dibenzo(a,h)anthracene	2.8E-10	2.6E-10	2.7E-09	3.3E-10	1.3E-11
Fluoranthene	9.1E-16	8.3E-16	1.1E-07	1.3E-08	4.0E-17
Fluorene			2.7E-07	3.3E-08	
Indeno(1,2,3-cd)pyrene	8.1E-10	7.3E-10	8.8E-09	1.1E-09	3.6E-11
Napthalene			2.1E-06	2.7E-07	
Perylene		1.9E-16	6.6E-09	8.2E-10	9.2E-18
Phenanthrene			5.0E-07	6.3E-08	
Pyrene	3.1E-15	2.8E-15	1.0E-07	1.3E-08	7.8E-14
Particulate					
Particulate Total Suspended Particulate		4.3E-11	3.3E-04	4.2E-05	2.1E-12
PM<10		5.5E-11	4.4E-04	5.5E-05	2.7E-12
PM<2.5		4.5E-11	3.8E-04	4.7E-05	2.2E-12
PCBs					
Dichlorobiphenyl	8.2E-18	7.0E-18	1.3E-09	1.7E-10	6.5E-16

Table H-213 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Heptachlorobiphenyl	9.5E-19	8.1E-19	1.8E-11	2.3E-12	4.1E-17
Hexachlorobiphenyl	4.3E-18	3.6E-18	7.6E-11	9.5E-12	1.9E-16
Monochlorobiphenyl	5.7E-17	4.8E-17	9.2E-09	1.2E-09	4.5E-15
Nonachlorobiphenyl	1.7E-19	1.4E-19	2.6E-12	3.2E-13	7.2E-18
Octachlorobiphenyl	3.1E-19	2.6E-19	5.5E-12	6.9E-13	1.3E-17
Pentachlorobiphenyl	1.6E-17	1.3E-17	2.6E-10	3.3E-11	6.7E-16
Tetrachlorobiphenyl	3.1E-18	2.7E-18	4.3E-10	5.4E-11	2.5E-16
Trichlorobiphenyl	3.8E-18	3.2E-18	5.5E-10	6.8E-11	3.0E-16
Pesticides					
DDE		1.3E-09			4.1E-08
Dieldrin	6.7E-12	8.0E-12			3.9E-13
SVOCs					
1,2,4-trichlorobenzene			3.9E-09	4.8E-10	
1,2-dichlorobenzene			1.6E-09	1.9E-10	
1,3-dichlorobenzene			2.3E-09	2.9E-10	
1,4-dichlorobenzene			2.2E-08	2.7E-09	
1,4-Dioxane			1.8E-03		
2,4-Dimethylphenol			3.4E-07	4.2E-08	
2-Chlorophenol			6.8E-08	8.5E-09	
2-Methylphenol			8.0E-07	9.9E-08	
2-Nitrophenol			1.1E-07	1.3E-08	
3-Methylphenol & 4-Methylphenol		5.3E-14	1.4E-06	1.8E-07	2.6E-15

Table H-213 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
4-Nitrophenol			1.8E-07	2.2E-08	
Acetophenone			1.7E-06	2.1E-07	
Benzoic acid			7.7E-06	9.6E-07	
Benzyl alcohol			6.4E-08	8.0E-09	
bis(2-Ethylhexyl) phthalate	9.6E-14	1.1E-13	2.7E-06	3.4E-07	5.6E-15
Butyl benzyl phthalate	4.7E-17	5.5E-17	8.5E-08	1.1E-08	2.7E-18
Carbazole		2.0E-16	2.4E-09	3.0E-10	9.8E-18
Dibenzofuran	2.1E-18	8.1E-18	1.4E-07	1.7E-08	3.5E-15
Dimethyl phthalate			4.8E-09	5.9E-10	
Di-n-butyl phthalate	4.6E-17	5.5E-17	1.3E-07	1.6E-08	2.7E-18
Di-n-octyl phthalate	1.3E-16	1.6E-16	9.2E-09	1.1E-09	7.8E-18
Hexachlorobutadiene			6.3E-07	7.9E-08	
Isopropanol			2.9E-02		
Phenol			4.3E-06	5.4E-07	
Pyridine			4.1E-07	5.1E-08	
TRS					
Total Reduced Sulfur			4.2E-06	5.2E-07	
VOCs					
1,1,1,2-Tetrachloroethane			1.9E-09	2.4E-10	
1,1,1-Trichloroethane			1.9E-09	2.4E-10	
1,1-Dichloroethene			3.7E-10	4.6E-11	
1,2,3-Trichlorobenzene			7.6E-09	9.5E-10	

Table H-213 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3-Trichloropropane			1.5E-09	1.9E-10	
1,2,4-Trimethylbenzene			8.9E-08	1.1E-08	
1,2-Dibromoethane			9.9E-10	1.2E-10	
1,2-Dichloroethane			4.0E-08	1.4E-05	
1,3,5-Trimethylbenzene			8.4E-08	1.0E-08	
1,3-Dichloropropane			9.6E-10	1.2E-10	
2-Butanone			4.7E-07	5.9E-08	
2-Chlorotoluene			2.1E-08	2.6E-09	
2-Hexanone			9.7E-08	1.2E-08	
Benzene			9.1E-04	1.4E-04	
Bromobenzene			5.3E-07	6.6E-08	
Bromochloromethane			1.3E-09	1.6E-10	
Bromodichloromethane			1.4E-09	1.7E-10	
Bromomethane			5.4E-08	6.8E-09	
Carbon disulfide			4.8E-08	6.0E-09	
Carbon tetrachloride			1.9E-03	2.2E-04	
Chlorobenzene			6.9E-08	8.6E-09	
Chlorodibromomethane			3.4E-08	4.2E-09	
Chloroethane			1.3E-07	1.6E-08	
Chloroform			6.2E-04	3.4E-05	
Chloromethane			4.4E-07	5.5E-08	
cis-1,2-Dichloroethene			5.7E-08	7.1E-09	

Table H-213 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
cis-1,3-Dichloropropene			3.5E-10	4.3E-11	
Dibromomethane			2.9E-09	3.6E-10	
Dichlorodifluoromethane			3.6E-09	4.4E-10	
Ethylbenzene			5.2E-04	3.5E-07	
Isopropylbenzene			2.3E-07	2.8E-08	
m&p-Xylene			5.2E-07	6.5E-08	
Methyl Isobutyl Ketone (4-methyl-2-penta			5.1E-09	6.4E-10	
Methylene chloride			2.6E-07	3.2E-08	
n-Butylbenzene			1.1E-07	1.4E-08	
n-Propylbenzene			1.3E-07	1.7E-08	
o-Xylene			3.3E-07	4.1E-08	
p-Chlorotoluene			7.9E-09	9.9E-10	
p-Isopropyltoluene			5.5E-08	6.9E-09	
sec-Butylbenzene			2.0E-08	2.5E-09	
Styrene			7.3E-06	9.1E-07	
tert-Butylbenzene			6.5E-07	8.2E-08	
Tetrachloroethene			1.7E-09	2.2E-10	
Toluene			4.5E-06	5.6E-07	
trans-1,2-Dichloroethene			1.2E-06	1.5E-07	
trans-1,3-Dichloropropene			6.0E-10	7.5E-11	
Trichloroethene			1.4E-04	1.3E-11	
Trichlorofluoromethane			1.2E-09	1.6E-10	

Table H-213 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Vinyl chloride			2.0E-04	8.8E-09	

Table H-214 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			8.4E-07	1.0E-07	
Aldehydes					
Acetaldehyde			1.4E-06	1.8E-07	
Formaldehyde			6.2E-07	7.7E-08	
Propionaldehyde		2.2E-15	1.6E-07	2.0E-08	1.7E-14
CO					
Carbon monoxide			4.5E-05	5.6E-06	
CO2					
Carbon dioxide			1.4E-06	1.8E-07	
Criteria					
Sulfur Dioxide			3.8E-07	4.7E-08	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	2.2E-15	8.5E-15	8.5E-13	1.1E-13	4.2E-19
1,2,3,4,6,7,8-HpCDF	2.2E-15	8.6E-15	8.6E-13	1.1E-13	4.2E-19
1,2,3,4,7,8,9-HpCDF	2.5E-16	9.9E-16	1.1E-13	1.4E-14	4.8E-20
1,2,3,4,7,8-HxCDD	2.5E-16	9.7E-16	1.0E-13	1.3E-14	4.7E-20
1,2,3,4,7,8-HxCDF	2.0E-15	7.7E-15	8.3E-13	1.0E-13	3.8E-19
1,2,3,6,7,8-HxCDD	5.0E-16	2.0E-15	2.1E-13	2.7E-14	9.7E-20
1,2,3,6,7,8-HxCDF	6.4E-16	2.5E-15	2.7E-13	3.4E-14	1.2E-19
1,2,3,7,8,9-HxCDD	7.9E-16	3.1E-15	3.2E-13	4.1E-14	1.5E-19
1,2,3,7,8,9-HxCDF	4.6E-17	1.8E-16	2.1E-14	2.6E-15	8.8E-21

Table H-214 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	2.8E-16	1.1E-15	1.3E-13	1.6E-14	5.4E-20
1,2,3,7,8-PeCDF	3.3E-16	1.3E-15	1.8E-13	2.3E-14	6.3E-20
2,3,4,6,7,8-HxCDF	1.0E-15	3.9E-15	4.2E-13	5.2E-14	1.9E-19
2,3,4,7,8-PeCDF	7.8E-16	3.1E-15	4.1E-13	5.2E-14	1.5E-19
2,3,7,8-TCDD	5.5E-17	2.2E-16	5.2E-14	6.5E-15	7.4E-18
2,3,7,8-TCDF	1.0E-16	4.0E-16	1.9E-13	2.4E-14	2.0E-20
OCDD	1.5E-15	5.8E-15	5.6E-13	7.0E-14	2.8E-19
OCDF	5.7E-16	2.2E-15	2.1E-13	2.6E-14	1.1E-19
HCN					
Hydrogen cyanide			1.6E-07	2.0E-08	
Metals					
Aluminum		1.1E-02			5.3E-07
Antimony		2.6E-07	1.0E-08	1.3E-09	1.3E-11
Arsenic	6.0E-07	1.4E-06	5.9E-10	7.4E-11	1.2E-10
Barium		4.4E-09	1.3E-07	1.6E-08	2.1E-13
Beryllium		1.0E-15	4.3E-11	5.4E-12	5.1E-20
Cadmium		8.2E-16	7.6E-10	9.5E-11	4.0E-20
Chromium		9.6E-11	6.5E-09	8.1E-10	4.7E-15
Cobalt		3.1E-05	9.8E-09	1.2E-09	1.5E-09
Copper		4.5E-10	1.8E-08	2.2E-09	2.2E-14
Iron		2.5E-02			1.2E-06
Lead		9.0E-05	6.0E-09	7.5E-10	4.4E-09

Table H-214 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		8.0E-13	5.5E-09	6.8E-10	3.9E-17
Mercury (+2)		6.4E-14	2.4E-11	2.9E-12	3.1E-18
Mercury, elemental		9.8E-07	9.8E-14	1.2E-14	1.9E-06
Methyl Mercury		3.8E-15			1.9E-19
Nickel		5.8E-04	3.5E-09	4.3E-10	2.9E-08
Phosphorus		7.5E-15	2.6E-08	3.3E-09	7.2E-14
Selenium		4.0E-17	1.7E-10	2.2E-11	2.0E-21
Silver		8.5E-13	1.1E-10	1.4E-11	4.2E-17
Thallium (Soluble Salts)		2.7E-07			1.3E-11
Titanium		8.0E-15	6.1E-11	7.6E-12	3.9E-19
Zinc		1.8E-13	1.4E-07	1.7E-08	9.0E-18
NOx					
NOx (Oxides of Nitrogen)			1.6E-06	2.0E-07	
PAHs					
1-Methylnaphthalene	2.4E-16	2.2E-16	3.3E-08	4.1E-09	2.5E-16
1-Methylphenanthrene		1.5E-13	3.9E-09	4.9E-10	7.1E-18
2,3,5-Trimethylnaphthalene		6.8E-14	1.9E-09	2.4E-10	3.3E-18
2,6-Dimethylnaphthalene		1.9E-13	5.1E-09	6.4E-10	9.1E-18
2-Methylnaphthalene	2.3E-16	2.1E-16	3.2E-08	4.0E-09	2.4E-16
Acenaphthylene		6.0E-13	1.9E-08	2.4E-09	2.9E-17
Acenaphthene			3.5E-09	4.3E-10	
Anthracene			6.1E-09	7.6E-10	

Table H-214 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)anthracene	9.0E-08	8.1E-08	3.0E-09	3.7E-10	1.2E-09
Benzo(a)pyrene	8.5E-08	7.7E-08	1.2E-09	1.5E-10	3.8E-12
Benzo(b)fluoranthene	1.3E-07	1.2E-07	1.3E-09	1.6E-10	5.9E-12
Benzo(e)pyrene		3.4E-14	1.0E-09	1.3E-10	1.7E-18
Benzo(g,h,i)perylene		2.5E-14	7.7E-10	9.6E-11	1.2E-18
Benzo(k)fluoranthene	7.1E-08	6.4E-08	1.2E-11	1.5E-12	3.1E-12
Biphenyl		3.3E-15	1.1E-07	1.4E-08	2.0E-15
Chrysene	1.1E-07	1.0E-07	5.1E-09	6.4E-10	5.0E-12
Dibenzo(a,h)anthracene	2.0E-08	1.8E-08	1.9E-10	2.3E-11	8.8E-13
Fluoranthene	6.8E-14	6.1E-14	7.5E-09	9.4E-10	3.0E-18
Fluorene			1.9E-08	2.3E-09	
Indeno(1,2,3-cd)pyrene	5.7E-08	5.1E-08	6.2E-10	7.7E-11	2.5E-12
Napthalene			1.5E-07	1.9E-08	
Perylene		1.3E-14	4.6E-10	5.8E-11	6.5E-19
Phenanthrene			3.5E-08	4.4E-09	
Pyrene	2.8E-13	2.5E-13	7.3E-09	9.1E-10	7.1E-15
Particulate					
Particulate Total Suspended Particulate		3.0E-09	2.3E-05	2.9E-06	1.5E-13
PM<10		3.8E-09	3.1E-05	3.9E-06	1.9E-13
PM<2.5		3.2E-09	2.6E-05	3.3E-06	1.6E-13
PCBs					
Dichlorobiphenyl	9.9E-16	8.3E-16	9.3E-11	1.2E-11	7.8E-17

Table H-214 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Heptachlorobiphenyl	1.2E-16	9.8E-17	1.3E-12	1.6E-13	5.0E-18
Hexachlorobiphenyl	5.2E-16	4.4E-16	5.3E-12	6.7E-13	2.3E-17
Monochlorobiphenyl	6.9E-15	5.8E-15	6.5E-10	8.1E-11	5.4E-16
Nonachlorobiphenyl	2.0E-17	1.7E-17	1.8E-13	2.2E-14	8.8E-19
Octachlorobiphenyl	3.8E-17	3.2E-17	3.9E-13	4.9E-14	1.6E-18
Pentachlorobiphenyl	1.9E-15	1.6E-15	1.8E-11	2.3E-12	8.1E-17
Tetrachlorobiphenyl	3.8E-16	3.2E-16	3.0E-11	3.8E-12	3.0E-17
Trichlorobiphenyl	4.5E-16	3.8E-16	3.8E-11	4.8E-12	3.6E-17
Pesticides					
DDE		9.0E-08			2.9E-09
Dieldrin	4.7E-10	5.6E-10			2.7E-14
SVOCs					
1,2,4-trichlorobenzene			2.7E-10	3.4E-11	
1,2-dichlorobenzene			1.1E-10	1.4E-11	
1,3-dichlorobenzene			1.6E-10	2.0E-11	
1,4-dichlorobenzene			1.5E-09	1.9E-10	
1,4-Dioxane			1.3E-04		
2,4-Dimethylphenol			2.4E-08	3.0E-09	
2-Chlorophenol			4.7E-09	5.9E-10	
2-Methylphenol			5.6E-08	7.0E-09	
2-Nitrophenol			7.6E-09	9.4E-10	
3-Methylphenol & 4-Methylphenol		3.7E-12	1.0E-07	1.3E-08	1.8E-16

Table H-214 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
4-Nitrophenol			1.3E-08	1.6E-09	
Acetophenone			1.2E-07	1.5E-08	
Benzoic acid			5.4E-07	6.7E-08	
Benzyl alcohol			4.5E-09	5.6E-10	
bis(2-Ethylhexyl) phthalate	6.7E-12	8.0E-12	1.9E-07	2.4E-08	3.9E-16
Butyl benzyl phthalate	3.3E-15	3.8E-15	6.0E-09	7.5E-10	1.9E-19
Carbazole		1.4E-14	1.7E-10	2.1E-11	6.9E-19
Dibenzofuran	1.4E-16	5.7E-16	9.5E-09	1.2E-09	2.4E-16
Dimethyl phthalate			3.3E-10	4.2E-11	
Di-n-butyl phthalate	3.3E-15	3.9E-15	9.2E-09	1.1E-09	1.9E-19
Di-n-octyl phthalate	9.4E-15	1.1E-14	6.4E-10	8.0E-11	5.5E-19
Hexachlorobutadiene			4.4E-08	5.5E-09	
Isopropanol			2.0E-03		
Phenol			3.0E-07	3.8E-08	
Pyridine			2.9E-08	3.6E-09	
TRS					
Total Reduced Sulfur			2.9E-07	3.6E-08	
VOCs					
1,1,1,2-Tetrachloroethane			1.3E-10	1.7E-11	
1,1,1-Trichloroethane			1.3E-10	1.7E-11	
1,1-Dichloroethene			2.6E-11	3.2E-12	
1,2,3-Trichlorobenzene			5.3E-10	6.7E-11	

Table H-214 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3-Trichloropropane			1.1E-10	1.4E-11	
1,2,4-Trimethylbenzene			6.2E-09	7.8E-10	
1,2-Dibromoethane			6.9E-11	8.6E-12	
1,2-Dichloroethane			2.8E-09	1.0E-06	
1,3,5-Trimethylbenzene			5.9E-09	7.3E-10	
1,3-Dichloropropane			6.7E-11	8.4E-12	
2-Butanone			3.3E-08	4.1E-09	
2-Chlorotoluene			1.5E-09	1.8E-10	
2-Hexanone			6.8E-09	8.4E-10	
Benzene			6.4E-05	9.7E-06	
Bromobenzene			3.7E-08	4.7E-09	
Bromochloromethane			8.8E-11	1.1E-11	
Bromodichloromethane			9.5E-11	1.2E-11	
Bromomethane			3.8E-09	4.8E-10	
Carbon disulfide			3.3E-09	4.2E-10	
Carbon tetrachloride			1.3E-04	1.5E-05	
Chlorobenzene			4.8E-09	6.0E-10	
Chlorodibromomethane			2.4E-09	3.0E-10	
Chloroethane			9.1E-09	1.1E-09	
Chloroform			4.3E-05	2.4E-06	
Chloromethane			3.1E-08	3.9E-09	
cis-1,2-Dichloroethene			4.0E-09	5.0E-10	

Table H-214 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
cis-1,3-Dichloropropene			2.4E-11	3.0E-12	
Dibromomethane			2.0E-10	2.5E-11	
Dichlorodifluoromethane			2.5E-10	3.1E-11	
Ethylbenzene			3.7E-05	2.4E-08	
Isopropylbenzene			1.6E-08	2.0E-09	
m&p-Xylene			3.6E-08	4.6E-09	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.6E-10	4.5E-11	
Methylene chloride			1.8E-08	2.3E-09	
n-Butylbenzene			7.8E-09	9.7E-10	
n-Propylbenzene			9.4E-09	1.2E-09	
o-Xylene			2.3E-08	2.9E-09	
p-Chlorotoluene			5.5E-10	6.9E-11	
p-Isopropyltoluene			3.8E-09	4.8E-10	
sec-Butylbenzene			1.4E-09	1.8E-10	
Styrene			5.1E-07	6.4E-08	
tert-Butylbenzene			4.6E-08	5.7E-09	
Tetrachloroethene			1.2E-10	1.5E-11	
Toluene			3.2E-07	3.9E-08	
trans-1,2-Dichloroethene			8.4E-08	1.1E-08	
trans-1,3-Dichloropropene			4.2E-11	5.3E-12	
Trichloroethene			1.0E-05	9.1E-13	
Trichlorofluoromethane			8.7E-11	1.1E-11	

Table H-214 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Vinyl chloride			1.4E-05	6.2E-10	

Table H-215 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						1.2E-05	2.8E-05	1.5E-06	1.5E-06		
Aldehydes											
Acetaldehyde	1.3E-15					2.1E-05	4.8E-05	2.6E-06	2.6E-06		
Formaldehyde	6.5E-15					8.8E-06	2.0E-05	1.1E-06	1.1E-06		
Propionaldehyde				3.2E-17	9.0E-17	2.3E-06	5.2E-06	2.8E-07	2.8E-07	2.4E-13	1.5E-12
CO											
Carbon monoxide						6.4E-04	1.5E-03	8.0E-05	8.0E-05		
CO2											
Carbon dioxide						2.0E-05	4.6E-05	2.5E-06	2.5E-06		
Criteria											
Sulfur Dioxide						5.4E-06	1.2E-05	6.8E-07	6.8E-07		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-20	1.8E-17	2.5E-17	7.0E-17	2.0E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	3.4E-18	2.1E-17
1,2,3,4,6,7,8-HpCDF	1.7E-20	1.8E-17	2.5E-17	7.1E-17	2.0E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	3.5E-18	2.1E-17
1,2,3,4,7,8,9-HpCDF	2.6E-21	2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.6E-12	3.6E-12	1.9E-13	1.9E-13	4.0E-19	2.5E-18
1,2,3,4,7,8-HxCDD	2.0E-20	2.0E-18	2.8E-18	7.9E-18	2.2E-17	1.5E-12	3.3E-12	1.8E-13	1.8E-13	3.9E-19	2.4E-18
1,2,3,4,7,8-HxCDF	1.4E-19	1.6E-17	2.2E-17	6.3E-17	1.8E-16	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.1E-18	1.9E-17
1,2,3,6,7,8-HxCDD	3.8E-20	4.1E-18	5.7E-18	1.6E-17	4.5E-17	3.1E-12	7.1E-12	3.8E-13	3.8E-13	7.9E-19	4.9E-18
1,2,3,6,7,8-HxCDF	5.1E-20	5.2E-18	7.3E-18	2.1E-17	5.8E-17	3.8E-12	8.8E-12	4.8E-13	4.8E-13	1.0E-18	6.2E-18
1,2,3,7,8,9-HxCDD	5.5E-20	6.5E-18	9.1E-18	2.6E-17	7.1E-17	4.6E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	7.7E-18
1,2,3,7,8,9-HxCDF	4.1E-21	3.7E-19	5.2E-19	1.5E-18	4.1E-18	2.9E-13	6.8E-13	3.7E-14	3.7E-14	7.2E-20	4.5E-19
1,2,3,7,8-PeCDD	1.1E-19	2.3E-18	3.2E-18	9.0E-18	2.5E-17	1.8E-12	4.3E-12	2.3E-13	2.3E-13	4.4E-19	2.7E-18
1,2,3,7,8-PeCDF	1.5E-19	2.7E-18	3.7E-18	1.1E-17	3.0E-17	2.6E-12	6.1E-12	3.3E-13	3.3E-13	5.2E-19	3.2E-18

Table H-215 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.3E-20	8.2E-18	1.1E-17	3.2E-17	9.0E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	1.6E-18	9.7E-18
2,3,4,7,8-PeCDF	2.3E-19	6.4E-18	9.0E-18	2.5E-17	7.1E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	1.2E-18	7.6E-18
2,3,7,8-TCDD	3.6E-20	4.6E-19	6.4E-19	1.8E-18	5.1E-18	7.4E-13	1.7E-12	9.3E-14	9.3E-14	6.2E-17	3.8E-16
2,3,7,8-TCDF	1.1E-19	8.4E-19	1.2E-18	3.3E-18	9.3E-18	2.7E-12	6.3E-12	3.4E-13	3.4E-13	1.6E-19	1.0E-18
OCDD	2.4E-22	1.2E-17	1.7E-17	4.7E-17	1.3E-16	8.0E-12	1.9E-11	1.0E-12	1.0E-12	2.3E-18	1.4E-17
OCDF	8.8E-23	4.6E-18	6.5E-18	1.8E-17	5.1E-17	3.0E-12	7.0E-12	3.8E-13	3.8E-13	9.0E-19	5.5E-18
HCN											
Hydrogen cyanide						2.3E-06	5.2E-06	2.8E-07	2.8E-07		
Metals											
Aluminum				1.5E-04	2.8E-04					7.6E-06	3.0E-05
Antimony	2.2E-19			3.7E-09	2.1E-08	1.5E-07	3.4E-07	1.9E-08	1.9E-08	1.8E-10	2.2E-09
Arsenic	1.2E-17	8.5E-09	3.3E-09	2.0E-08	1.6E-08	8.5E-09	2.0E-08	1.1E-09	1.1E-09	1.6E-09	2.8E-09
Barium	3.1E-14			3.9E-11	1.1E-10	1.8E-06	4.2E-06	2.2E-07	2.2E-07	1.9E-12	1.2E-11
Beryllium	4.7E-19			1.5E-17	4.2E-17	6.1E-10	1.4E-09	7.7E-11	7.7E-11	7.3E-19	4.5E-18
Cadmium	1.2E-16			1.2E-17	3.3E-17	1.1E-08	2.5E-08	1.4E-09	1.4E-09	5.7E-19	3.5E-18
Chromium	3.5E-17			1.0E-12	2.8E-12	9.2E-08	2.1E-07	1.2E-08	1.2E-08	5.0E-14	3.1E-13
Cobalt				4.5E-07	5.3E-07	1.4E-07	3.2E-07	1.8E-08	1.8E-08	2.2E-08	5.7E-08
Copper				4.2E-12	1.2E-11	2.5E-07	5.9E-07	3.2E-08	3.2E-08	2.0E-13	1.3E-12
Iron				3.6E-04	5.4E-04					1.8E-05	5.8E-05
Lead	9.9E-20			1.3E-06	3.3E-06	8.5E-08	2.0E-07	1.1E-08	1.1E-08	6.3E-08	3.5E-07
Manganese				1.1E-14	3.2E-14	7.8E-08	1.8E-07	9.7E-09	9.7E-09	5.6E-16	3.4E-15
Mercury (+2)				4.6E-16	1.3E-15	3.4E-10	7.8E-10	4.2E-11	4.2E-11	2.2E-17	1.4E-16
Mercury, elemental				1.4E-08	6.3E-10	1.4E-12	3.2E-12	1.8E-13	1.8E-13	2.7E-05	1.7E-04
Methyl Mercury	1.2E-16			2.7E-17	7.6E-17					1.3E-18	8.2E-18

Table H-215 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	4.7E-17			8.3E-06	1.0E-05	5.0E-08	1.1E-07	6.2E-09	6.2E-09	4.1E-07	1.1E-06
Phosphorus				1.1E-16	3.0E-16	3.8E-07	8.7E-07	4.7E-08	4.7E-08	1.0E-12	6.4E-12
Selenium	3.9E-18			5.8E-19	1.6E-18	2.5E-09	5.8E-09	3.1E-10	3.1E-10	2.8E-20	1.7E-19
Silver	2.9E-18			1.1E-14	3.0E-14	1.6E-09	3.8E-09	2.0E-10	2.0E-10	5.2E-16	3.2E-15
Thallium (Soluble Salts)				3.8E-09	2.4E-09					1.9E-10	2.6E-10
Titanium				1.1E-16	3.2E-16	8.7E-10	2.0E-09	1.1E-10	1.1E-10	5.6E-18	3.5E-17
Zinc	5.8E-14			2.6E-15	7.4E-15	2.0E-06	4.5E-06	2.4E-07	2.4E-07	1.3E-16	8.0E-16
NOx											
NOx (Oxides of Nitrogen)						2.2E-05	5.2E-05	2.8E-06	2.8E-06		
PAHs											
1-Methylnaphthalene		3.4E-18	4.8E-18	3.1E-18	8.7E-18	4.7E-07	1.1E-06	5.9E-08	5.9E-08	3.5E-15	2.2E-14
1-Methylphenanthrene				2.1E-15	5.8E-15	5.6E-08	1.3E-07	7.0E-09	7.0E-09	1.0E-16	6.3E-16
2,3,5-Trimethylnaphthalene				9.7E-16	2.7E-15	2.8E-08	6.4E-08	3.5E-09	3.5E-09	4.8E-17	2.9E-16
2,6-Dimethylnaphthalene				2.7E-15	7.4E-15	7.4E-08	1.7E-07	9.2E-09	9.2E-09	1.3E-16	8.0E-16
2-Methylnaphthalene		3.3E-18	4.6E-18	3.0E-18	8.4E-18	4.6E-07	1.1E-06	5.7E-08	5.7E-08	3.4E-15	2.1E-14
Acenaphthylene				8.5E-15	2.4E-14	2.7E-07	6.2E-07	3.4E-08	3.4E-08	4.2E-16	2.6E-15
Acenaphthene	4.8E-17					4.9E-08	1.1E-07	6.2E-09	6.2E-09		
Anthracene	6.1E-16					8.7E-08	2.0E-07	1.1E-08	1.1E-08		
Benzo(a)anthracene	8.8E-14	1.3E-09	7.3E-09	1.2E-09	1.3E-08	4.3E-08	9.9E-08	5.3E-09	5.3E-09	1.8E-08	1.1E-07
Benzo(a)pyrene	4.4E-14	1.2E-09	8.0E-09	1.1E-09	1.5E-08	1.7E-08	3.9E-08	2.1E-09	2.1E-09	5.4E-11	1.6E-09
Benzo(b)fluoranthene	1.2E-14	1.9E-09	1.1E-08	1.7E-09	2.0E-08	1.9E-08	4.3E-08	2.3E-09	2.3E-09	8.4E-11	2.2E-09
Benzo(e)pyrene				4.9E-16	1.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	2.4E-17	1.5E-16
Benzo(g,h,i)perylene				3.6E-16	1.0E-15	1.1E-08	2.5E-08	1.4E-09	1.4E-09	1.8E-17	1.1E-16
Benzo(k)fluoranthene	9.8E-17	1.0E-09	5.7E-09	9.2E-10	1.0E-08	1.7E-10	3.8E-10	2.1E-11	2.1E-11	4.5E-11	1.1E-09

Table H-215 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				4.8E-17	1.3E-16	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.8E-14	1.7E-13
Chrysene	1.5E-14	1.6E-09	8.2E-09	1.5E-09	1.5E-08	7.3E-08	1.7E-07	9.1E-09	9.1E-09	7.2E-11	1.6E-09
Dibenze(a,h)anthracene	2.2E-15	2.8E-10	2.0E-09	2.6E-10	3.6E-09	2.7E-09	6.1E-09	3.3E-10	3.3E-10	1.3E-11	3.9E-10
Fluoranthene	4.0E-15	9.1E-16	1.3E-15	8.3E-16	2.3E-15	1.1E-07	2.5E-07	1.3E-08	1.3E-08	4.0E-17	2.5E-16
Fluorene	8.7E-16					2.7E-07	6.2E-07	3.3E-08	3.3E-08		
Indeno(1,2,3-cd)pyrene	5.5E-15	8.1E-10	5.2E-09	7.3E-10	9.5E-09	8.8E-09	2.0E-08	1.1E-09	1.1E-09	3.6E-11	1.0E-09
Napthalene	4.0E-16					2.1E-06	4.9E-06	2.7E-07	2.7E-07		
Perylene				1.9E-16	5.3E-16	6.6E-09	1.5E-08	8.2E-10	8.2E-10	9.2E-18	5.7E-17
Phenanthrene	4.2E-15					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
Pyrene	2.9E-15	3.1E-15	4.3E-15	2.8E-15	7.8E-15	1.0E-07	2.4E-07	1.3E-08	1.3E-08	7.8E-14	4.8E-13
Particulate											
Particulate Total Suspended Particulate				4.3E-11	1.2E-10	3.3E-04	7.7E-04	4.2E-05	4.2E-05	2.1E-12	1.3E-11
PM<10				5.5E-11	1.5E-10	4.4E-04	1.0E-03	5.5E-05	5.5E-05	2.7E-12	1.7E-11
PM<2.5				4.5E-11	1.3E-10	3.8E-04	8.7E-04	4.7E-05	4.7E-05	2.2E-12	1.4E-11
PCBs											
Dichlorobiphenyl	8.7E-17	8.2E-18	1.2E-17	7.0E-18	1.9E-17	1.3E-09	3.1E-09	1.7E-10	1.7E-10	6.5E-16	4.0E-15
Heptachlorobiphenyl	3.3E-18	9.5E-19	1.3E-18	8.1E-19	2.3E-18	1.8E-11	4.2E-11	2.3E-12	2.3E-12	4.1E-17	2.5E-16
Hexachlorobiphenyl	1.3E-17	4.3E-18	6.0E-18	3.6E-18	1.0E-17	7.6E-11	1.8E-10	9.5E-12	9.5E-12	1.9E-16	1.1E-15
Monochlorobiphenyl	6.1E-16	5.7E-17	8.0E-17	4.8E-17	1.4E-16	9.2E-09	2.1E-08	1.2E-09	1.2E-09	4.5E-15	2.8E-14
Nonachlorobiphenyl	4.1E-19	1.7E-19	2.4E-19	1.4E-19	4.0E-19	2.6E-12	5.9E-12	3.2E-13	3.2E-13	7.2E-18	4.5E-17
Octachlorobiphenyl	9.7E-19	3.1E-19	4.3E-19	2.6E-19	7.3E-19	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.3E-17	8.2E-17
Pentachlorobiphenyl	4.4E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	2.6E-10	6.0E-10	3.3E-11	3.3E-11	6.7E-16	4.1E-15
Tetrachlorobiphenyl	2.6E-17	3.1E-18	4.4E-18	2.7E-18	7.4E-18	4.3E-10	9.9E-10	5.4E-11	5.4E-11	2.5E-16	1.5E-15
Trichlorobiphenyl	3.4E-17	3.8E-18	5.3E-18	3.2E-18	8.9E-18	5.5E-10	1.3E-09	6.8E-11	6.8E-11	3.0E-16	1.8E-15

Table H-215 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				1.3E-09	3.1E-09					4.1E-08	2.5E-07
Dieldrin		6.7E-12	1.4E-10	8.0E-12	3.4E-10					3.9E-13	3.6E-11
SVOCs											
1,2,4-trichlorobenzene						3.9E-09	8.9E-09	4.8E-10	4.8E-10		
1,2-dichlorobenzene	3.9E-20					1.6E-09	3.6E-09	1.9E-10	1.9E-10		
1,3-dichlorobenzene	9.9E-20					2.3E-09	5.4E-09	2.9E-10	2.9E-10		
1,4-dichlorobenzene	1.3E-18					2.2E-08	5.0E-08	2.7E-09	2.7E-09		
1,4-Dioxane						1.8E-03					
2,4-Dimethylphenol	3.6E-17					3.4E-07	7.8E-07	4.2E-08	4.2E-08		
2-Chlorophenol	1.8E-18					6.8E-08	1.6E-07	8.5E-09	8.5E-09		
2-Methylphenol	7.5E-16					8.0E-07	1.8E-06	9.9E-08	9.9E-08		
2-Nitrophenol	4.6E-18					1.1E-07	2.5E-07	1.3E-08	1.3E-08		
3-Methylphenol & 4-Methylphenol				5.3E-14	1.5E-13	1.4E-06	3.3E-06	1.8E-07	1.8E-07	2.6E-15	1.6E-14
4-Nitrophenol	9.3E-18					1.8E-07	4.1E-07	2.2E-08	2.2E-08		
Acetophenone	5.6E-17					1.7E-06	3.9E-06	2.1E-07	2.1E-07		
Benzoic acid	2.3E-16					7.7E-06	1.8E-05	9.6E-07	9.6E-07		
Benzyl alcohol	1.4E-19					6.4E-08	1.5E-07	8.0E-09	8.0E-09		
bis(2-Ethylhexyl) phthalate	7.0E-15	9.6E-14	1.3E-13	1.1E-13	3.2E-13	2.7E-06	6.3E-06	3.4E-07	3.4E-07	5.6E-15	3.4E-14
Butyl benzyl phthalate	2.5E-15	4.7E-17	6.5E-17	5.5E-17	1.5E-16	8.5E-08	2.0E-07	1.1E-08	1.1E-08	2.7E-18	1.7E-17
Carbazole				2.0E-16	5.6E-16	2.4E-09	5.5E-09	3.0E-10	3.0E-10	9.8E-18	6.0E-17
Dibenzofuran		2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.4E-07	3.1E-07	1.7E-08	1.7E-08	3.5E-15	2.1E-14
Dimethyl phthalate	9.2E-19					4.8E-09	1.1E-08	5.9E-10	5.9E-10		
Di-n-butyl phthalate	2.4E-14	4.6E-17	6.5E-17	5.5E-17	1.5E-16	1.3E-07	3.0E-07	1.6E-08	1.6E-08	2.7E-18	1.7E-17

Table H-215 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.8E-19	1.3E-16	1.9E-16	1.6E-16	4.4E-16	9.2E-09	2.1E-08	1.1E-09	1.1E-09	7.8E-18	4.8E-17
Hexachlorobutadiene	9.6E-17					6.3E-07	1.5E-06	7.9E-08	7.9E-08		
Isopropanol						2.9E-02	3.2E-02				
p-Chloroaniline			4.7E-09		1.1E-08						1.2E-09
Phenol	2.1E-15					4.3E-06	9.9E-06	5.4E-07	5.4E-07		
Pyridine	1.1E-16					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
TRS											
Total Reduced Sulfur						4.2E-06	9.6E-06	5.2E-07	5.2E-07		
VOCs											
1,1,1,2-Tetrachloroethane	3.8E-20					1.9E-09	4.5E-09	2.4E-10	2.4E-10		
1,1,1-Trichloroethane	2.5E-21					1.9E-09	4.4E-09	2.4E-10	2.4E-10		
1,1-Dichloroethene	8.5E-23					3.7E-10	8.6E-10	4.6E-11	4.6E-11		
1,2,3-Trichlorobenzene	2.7E-18					7.6E-09	1.8E-08	9.5E-10	9.5E-10		
1,2,3-Trichloropropane	1.5E-20					1.5E-09	3.6E-09	1.9E-10	1.9E-10		
1,2,4-Trimethylbenzene						8.9E-08	2.1E-07	1.1E-08	1.1E-08		
1,2-Dibromoethane	5.3E-21					9.9E-10	2.3E-09	1.2E-10	1.2E-10		
1,2-Dichloroethane	1.7E-19					4.0E-08	6.3E-04	1.4E-05	1.4E-05		
1,3,5-Trimethylbenzene	8.6E-19					8.4E-08	1.9E-07	1.0E-08	1.0E-08		
1,3-Dichloropropane						9.6E-10	2.2E-09	1.2E-10	1.2E-10		
2-Butanone	3.5E-17					4.7E-07	1.1E-06	5.9E-08	5.9E-08		
2-Chlorotoluene						2.1E-08	4.9E-08	2.6E-09	2.6E-09		
2-Hexanone						9.7E-08	2.2E-07	1.2E-08	1.2E-08		
Benzene	2.8E-17					9.1E-04	3.8E-03	1.4E-04	1.4E-04		
Bromobenzene						5.3E-07	1.2E-06	6.6E-08	6.6E-08		

Table H-215 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromochloromethane						1.3E-09	2.9E-09	1.6E-10	1.6E-10		
Bromodichloromethane	4.5E-21					1.4E-09	4.8E-03	1.7E-10	1.7E-10		
Bromoform							2.2E-02				
Bromomethane	1.9E-20					5.4E-08	1.3E-07	6.8E-09	6.8E-09		
Carbon disulfide	1.8E-20					4.8E-08	1.1E-07	6.0E-09	6.0E-09		
Carbon tetrachloride	1.9E-21					1.9E-03	5.6E-03	2.2E-04	2.2E-04		
Chlorobenzene	6.7E-19					6.9E-08	1.6E-07	8.6E-09	8.6E-09		
Chlorodibromomethane	2.6E-19					3.4E-08	7.8E-08	4.2E-09	4.2E-09		
Chloroethane	5.3E-20					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
Chloroform	4.0E-20					6.2E-04	1.1E-02	3.4E-05	3.4E-05		
Chloromethane	1.4E-19					4.4E-07	1.0E-06	5.5E-08	5.5E-08		
cis-1,2-Dichloroethene	5.4E-20					5.7E-08	1.3E-07	7.1E-09	7.1E-09		
cis-1,3-Dichloropropene						3.5E-10	8.0E-10	4.3E-11	4.3E-11		
Dibromomethane	6.0E-21					2.9E-09	6.7E-09	3.6E-10	3.6E-10		
Dichlorodifluoromethane	6.7E-23					3.6E-09	8.2E-09	4.4E-10	4.4E-10		
Ethylbenzene	2.1E-17					5.2E-04	3.2E-03	3.5E-07	3.5E-07		
Isopropylbenzene	2.8E-20					2.3E-07	5.2E-07	2.8E-08	2.8E-08		
m&p-Xylene	3.4E-18					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Methyl Isobutyl Ketone (4-methyl-2-per	3.4E-20					5.1E-09	1.2E-08	6.4E-10	6.4E-10		
Methylene chloride	3.7E-19					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
n-Butylbenzene						1.1E-07	2.6E-07	1.4E-08	1.4E-08		
n-Propylbenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08		
o-Xylene	4.0E-18					3.3E-07	7.6E-07	4.1E-08	4.1E-08		
p-Chlorotoluene						7.9E-09	1.8E-08	9.9E-10	9.9E-10		

Table H-215 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
p-Isopropyltoluene						5.5E-08	1.3E-07	6.9E-09	6.9E-09		
sec-Butylbenzene						2.0E-08	4.7E-08	2.5E-09	2.5E-09		
Styrene	1.3E-16					7.3E-06	1.7E-05	9.1E-07	9.1E-07		
tert-Butylbenzene						6.5E-07	1.5E-06	8.2E-08	8.2E-08		
Tetrachloroethene	9.4E-21					1.7E-09	4.0E-09	2.2E-10	2.2E-10		
Toluene	2.2E-17					4.5E-06	1.0E-05	5.6E-07	5.6E-07		
trans-1,2-Dichloroethene	8.4E-19					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
trans-1,3-Dichloropropene						6.0E-10	1.4E-09	7.5E-11	7.5E-11		
Trichloroethene	9.7E-23					1.4E-04	6.4E-03	1.3E-11	1.3E-11		
Trichlorofluoromethane	1.5E-22					1.2E-09	2.9E-09	1.6E-10	1.6E-10		
Vinyl chloride	6.9E-21					2.0E-04	1.6E-07	8.8E-09	8.8E-09		

Table H-216 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					6.2E-07	1.4E-06	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19

Table H-216 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.1E-02	2.0E-02					5.3E-07	2.1E-06
Antimony	1.6E-17			2.6E-07	1.4E-06	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.3E-11	1.5E-10
Arsenic	8.1E-16	6.0E-07	2.3E-07	1.4E-06	1.1E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	1.2E-10	2.0E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				3.1E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.5E-09	4.0E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				2.5E-02	3.7E-02					1.2E-06	4.0E-06
Lead	6.9E-18			9.0E-05	2.3E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	4.4E-09	2.5E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				9.8E-07	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	1.9E-06	1.2E-05
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18

Table H-216 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.8E-04	7.1E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.9E-08	7.7E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Thallium (Soluble Salts)				2.7E-07	1.7E-07					1.3E-11	1.8E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	9.0E-08	5.1E-07	8.1E-08	9.3E-07	3.0E-09	6.9E-09	3.7E-10	3.7E-10	1.2E-09	7.6E-09
Benzo(a)pyrene	3.1E-12	8.5E-08	5.6E-07	7.7E-08	1.0E-06	1.2E-09	2.7E-09	1.5E-10	1.5E-10	3.8E-12	1.1E-10
Benzo(b)fluoranthene	8.3E-13	1.3E-07	7.9E-07	1.2E-07	1.4E-06	1.3E-09	3.0E-09	1.6E-10	1.6E-10	5.9E-12	1.5E-10
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	7.1E-08	4.0E-07	6.4E-08	7.2E-07	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.1E-12	7.8E-11

Table H-216 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	1.1E-07	5.7E-07	1.0E-07	1.0E-06	5.1E-09	1.2E-08	6.4E-10	6.4E-10	5.0E-12	1.1E-10
Dibenze(a,h)anthracene	1.6E-13	2.0E-08	1.4E-07	1.8E-08	2.5E-07	1.9E-10	4.3E-10	2.3E-11	2.3E-11	8.8E-13	2.7E-11
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	5.7E-08	3.6E-07	5.1E-08	6.6E-07	6.2E-10	1.4E-09	7.7E-11	7.7E-11	2.5E-12	7.1E-11
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16

Table H-216 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				9.0E-08	2.2E-07					2.9E-09	1.8E-08
Dieldrin		4.7E-10	1.0E-08	5.6E-10	2.4E-08					2.7E-14	2.5E-12
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
1,4-Dioxane						1.3E-04					
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18

Table H-216 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						2.0E-03	2.3E-03				
p-Chloroaniline			3.3E-07		7.7E-07						8.4E-11
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	4.4E-05	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					6.4E-05	2.7E-04	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		

Table H-216 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	3.4E-04	1.2E-11	1.2E-11		
Bromoform							1.5E-03				
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.3E-04	3.9E-04	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					4.3E-05	7.9E-04	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					3.7E-05	2.2E-04	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		

Table H-216 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					1.0E-05	4.5E-04	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					1.4E-05	1.1E-08	6.2E-10	6.2E-10		

Table H-217 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						1.2E-05	2.8E-05	1.5E-06	1.5E-06		
Aldehydes											
Acetaldehyde	1.3E-15					2.1E-05	4.8E-05	2.6E-06	2.6E-06		
Formaldehyde	6.5E-15					8.8E-06	5.7E-01	1.1E-06	1.1E-06		
Propionaldehyde				3.2E-17	9.0E-17	2.3E-06	5.2E-06	2.8E-07	2.8E-07	2.4E-13	1.5E-12
CO											
Carbon monoxide						6.4E-04	1.5E-03	8.0E-05	8.0E-05		
CO2											
Carbon dioxide						2.0E-05	4.6E-05	2.5E-06	2.5E-06		
Criteria											
Sulfur Dioxide						5.4E-06	1.2E-05	6.8E-07	6.8E-07		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-20	1.8E-17	2.5E-17	7.0E-17	2.0E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	3.4E-18	2.1E-17
1,2,3,4,6,7,8-HpCDF	1.7E-20	1.8E-17	2.5E-17	7.1E-17	2.0E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	3.5E-18	2.1E-17
1,2,3,4,7,8,9-HpCDF	2.6E-21	2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.6E-12	3.6E-12	1.9E-13	1.9E-13	4.0E-19	2.5E-18
1,2,3,4,7,8-HxCDD	2.0E-20	2.0E-18	2.8E-18	7.9E-18	2.2E-17	1.5E-12	3.3E-12	1.8E-13	1.8E-13	3.9E-19	2.4E-18
1,2,3,4,7,8-HxCDF	1.4E-19	1.6E-17	2.2E-17	6.3E-17	1.8E-16	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.1E-18	1.9E-17
1,2,3,6,7,8-HxCDD	3.8E-20	4.1E-18	5.7E-18	1.6E-17	4.5E-17	3.1E-12	7.1E-12	3.8E-13	3.8E-13	7.9E-19	4.9E-18
1,2,3,6,7,8-HxCDF	5.1E-20	5.2E-18	7.3E-18	2.1E-17	5.8E-17	3.8E-12	8.8E-12	4.8E-13	4.8E-13	1.0E-18	6.2E-18
1,2,3,7,8,9-HxCDD	5.5E-20	6.5E-18	9.1E-18	2.6E-17	7.1E-17	4.6E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	7.7E-18
1,2,3,7,8,9-HxCDF	4.1E-21	3.7E-19	5.2E-19	1.5E-18	4.1E-18	2.9E-13	6.8E-13	3.7E-14	3.7E-14	7.2E-20	4.5E-19
1,2,3,7,8-PeCDD	1.1E-19	2.3E-18	3.2E-18	9.0E-18	2.5E-17	1.8E-12	4.3E-12	2.3E-13	2.3E-13	4.4E-19	2.7E-18
1,2,3,7,8-PeCDF	1.5E-19	2.7E-18	3.7E-18	1.1E-17	3.0E-17	2.6E-12	6.1E-12	3.3E-13	3.3E-13	5.2E-19	3.2E-18

Table H-217 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.3E-20	8.2E-18	1.1E-17	3.2E-17	9.0E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	1.6E-18	9.7E-18
2,3,4,7,8-PeCDF	2.3E-19	6.4E-18	9.0E-18	2.5E-17	7.1E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	1.2E-18	7.6E-18
2,3,7,8-TCDD	3.6E-20	4.6E-19	6.4E-19	1.8E-18	5.1E-18	7.4E-13	1.7E-12	9.3E-14	9.3E-14	6.2E-17	3.8E-16
2,3,7,8-TCDF	1.1E-19	8.4E-19	1.2E-18	3.3E-18	9.3E-18	2.7E-12	6.3E-12	3.4E-13	3.4E-13	1.6E-19	1.0E-18
OCDD	2.4E-22	1.2E-17	1.7E-17	4.7E-17	1.3E-16	8.0E-12	1.9E-11	1.0E-12	1.0E-12	2.3E-18	1.4E-17
OCDF	8.8E-23	4.6E-18	6.5E-18	1.8E-17	5.1E-17	3.0E-12	7.0E-12	3.8E-13	3.8E-13	9.0E-19	5.5E-18
HCN											
Hydrogen cyanide						2.3E-06	5.2E-06	2.8E-07	2.8E-07		
Metals											
Aluminum				1.5E-04	3.4E-04					7.6E-06	3.7E-05
Antimony	2.2E-19			3.7E-09	6.8E-09	1.5E-07	3.4E-07	1.9E-08	1.9E-08	1.8E-10	7.4E-10
Arsenic	1.2E-17	8.5E-09	6.5E-09	2.0E-08	3.1E-08	8.5E-09	2.0E-08	1.1E-09	1.1E-09	1.6E-09	5.5E-09
Barium	3.1E-14			3.9E-11	1.1E-10	1.8E-06	4.2E-06	2.2E-07	2.2E-07	1.9E-12	1.2E-11
Beryllium	4.7E-19			1.5E-17	4.2E-17	6.1E-10	1.4E-09	7.7E-11	7.7E-11	7.3E-19	4.5E-18
Cadmium	1.2E-16			1.2E-17	3.3E-17	1.1E-08	2.5E-08	1.4E-09	1.4E-09	5.7E-19	3.5E-18
Chromium	3.5E-17			1.0E-12	2.8E-12	9.2E-08	2.1E-07	1.2E-08	1.2E-08	5.0E-14	3.1E-13
Cobalt				4.5E-07	5.3E-07	1.4E-07	3.2E-07	1.8E-08	1.8E-08	2.2E-08	5.7E-08
Copper				4.2E-12	1.2E-11	2.5E-07	5.9E-07	3.2E-08	3.2E-08	2.0E-13	1.3E-12
Iron				3.6E-04	5.7E-04					1.8E-05	6.1E-05
Lead	9.9E-20			1.3E-06	7.5E-07	8.5E-08	2.0E-07	1.1E-08	1.1E-08	6.3E-08	8.1E-08
Manganese				1.1E-14	3.2E-14	7.8E-08	1.8E-07	9.7E-09	9.7E-09	5.6E-16	3.4E-15
Mercury (+2)				4.6E-16	1.3E-15	3.4E-10	7.8E-10	4.2E-11	4.2E-11	2.2E-17	1.4E-16
Mercury, elemental				1.4E-08	3.9E-10	1.4E-12	3.2E-12	1.8E-13	1.8E-13	2.7E-05	1.7E-04
Methyl Mercury	1.2E-16			2.7E-17	7.6E-17					1.3E-18	8.2E-18

Table H-217 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	4.7E-17			8.3E-06	1.1E-05	5.0E-08	1.1E-07	6.2E-09	6.2E-09	4.1E-07	1.2E-06
Phosphorus				1.1E-16	3.0E-16	3.8E-07	8.7E-07	4.7E-08	4.7E-08	1.0E-12	6.4E-12
Selenium	3.9E-18			5.8E-19	1.6E-18	2.5E-09	5.8E-09	3.1E-10	3.1E-10	2.8E-20	1.7E-19
Silver	2.9E-18			1.1E-14	3.0E-14	1.6E-09	3.8E-09	2.0E-10	2.0E-10	5.2E-16	3.2E-15
Thallium (Soluble Salts)				3.8E-09	2.1E-09					1.9E-10	2.2E-10
Titanium				1.1E-16	3.2E-16	8.7E-10	2.0E-09	1.1E-10	1.1E-10	5.6E-18	3.5E-17
Zinc	5.8E-14			2.6E-15	7.4E-15	2.0E-06	4.5E-06	2.4E-07	2.4E-07	1.3E-16	8.0E-16
NOx											
NOx (Oxides of Nitrogen)						2.2E-05	5.2E-05	2.8E-06	2.8E-06		
PAHs											
1-Methylnaphthalene		3.4E-18	4.8E-18	3.1E-18	8.7E-18	4.7E-07	1.1E-06	5.9E-08	5.9E-08	3.5E-15	2.2E-14
1-Methylphenanthrene				2.1E-15	5.8E-15	5.6E-08	1.3E-07	7.0E-09	7.0E-09	1.0E-16	6.3E-16
2,3,5-Trimethylnaphthalene				9.7E-16	2.7E-15	2.8E-08	6.4E-08	3.5E-09	3.5E-09	4.8E-17	2.9E-16
2,6-Dimethylnaphthalene				2.7E-15	7.4E-15	7.4E-08	1.7E-07	9.2E-09	9.2E-09	1.3E-16	8.0E-16
2-Methylnaphthalene		3.3E-18	4.6E-18	3.0E-18	8.4E-18	4.6E-07	1.1E-06	5.7E-08	5.7E-08	3.4E-15	2.1E-14
Acenaphthylene				8.5E-15	2.4E-14	2.7E-07	6.2E-07	3.4E-08	3.4E-08	4.2E-16	2.6E-15
Acenaphthene	4.8E-17					4.9E-08	1.1E-07	6.2E-09	6.2E-09		
Anthracene	6.1E-16					8.7E-08	2.0E-07	1.1E-08	1.1E-08		
Benzo(a)anthracene	8.8E-14	1.3E-09	3.6E-14	1.2E-09	6.5E-14	4.3E-08	9.9E-08	5.3E-09	5.3E-09	1.8E-08	1.1E-07
Benzo(a)pyrene	4.4E-14	1.2E-09	1.6E-14	1.1E-09	3.0E-14	1.7E-08	3.9E-08	2.1E-09	2.1E-09	5.4E-11	3.2E-15
Benzo(b)fluoranthene	1.2E-14	1.9E-09	9.6E-16	1.7E-09	1.7E-15	1.9E-08	4.3E-08	2.3E-09	2.3E-09	8.4E-11	1.9E-16
Benzo(e)pyrene				4.9E-16	1.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	2.4E-17	1.5E-16
Benzo(g,h,i)perylene				3.6E-16	1.0E-15	1.1E-08	2.5E-08	1.4E-09	1.4E-09	1.8E-17	1.1E-16
Benzo(k)fluoranthene	9.8E-17	1.0E-09	1.2E-15	9.2E-10	2.2E-15	1.7E-10	3.8E-10	2.1E-11	2.1E-11	4.5E-11	2.3E-16

Table H-217 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				4.8E-17	1.3E-16	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.8E-14	1.7E-13
Chrysene	1.5E-14	1.6E-09	4.7E-14	1.5E-09	8.6E-14	7.3E-08	1.7E-07	9.1E-09	9.1E-09	7.2E-11	9.3E-15
Dibenze(a,h)anthracene	2.2E-15	2.8E-10	6.0E-15	2.6E-10	1.1E-14	2.7E-09	6.1E-09	3.3E-10	3.3E-10	1.3E-11	1.2E-15
Fluoranthene	4.0E-15	9.1E-16	1.3E-15	8.3E-16	2.3E-15	1.1E-07	2.5E-07	1.3E-08	1.3E-08	4.0E-17	2.5E-16
Fluorene	8.7E-16					2.7E-07	6.2E-07	3.3E-08	3.3E-08		
Indeno(1,2,3-cd)pyrene	5.5E-15	8.1E-10	1.7E-14	7.3E-10	3.0E-14	8.8E-09	2.0E-08	1.1E-09	1.1E-09	3.6E-11	3.3E-15
Napthalene	4.0E-16					2.1E-06	4.9E-06	2.7E-07	2.7E-07		
Perylene				1.9E-16	5.3E-16	6.6E-09	1.5E-08	8.2E-10	8.2E-10	9.2E-18	5.7E-17
Phenanthrene	4.2E-15					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
Pyrene	2.9E-15	3.1E-15	4.3E-15	2.8E-15	7.8E-15	1.0E-07	2.4E-07	1.3E-08	1.3E-08	7.8E-14	4.8E-13
Particulate											
Particulate Total Suspended Particulate				4.3E-11	1.2E-10	3.3E-04	7.7E-04	4.2E-05	4.2E-05	2.1E-12	1.3E-11
PM<10				5.5E-11	1.5E-10	4.4E-04	1.0E-03	5.5E-05	5.5E-05	2.7E-12	1.7E-11
PM<2.5				4.5E-11	1.3E-10	3.8E-04	8.7E-04	4.7E-05	4.7E-05	2.2E-12	1.4E-11
PCBs											
Dichlorobiphenyl	8.7E-17	8.2E-18	1.2E-17	7.0E-18	1.9E-17	1.3E-09	3.1E-09	1.7E-10	1.7E-10	6.5E-16	4.0E-15
Heptachlorobiphenyl	3.3E-18	9.5E-19	1.3E-18	8.1E-19	2.3E-18	1.8E-11	4.2E-11	2.3E-12	2.3E-12	4.1E-17	2.5E-16
Hexachlorobiphenyl	1.3E-17	4.3E-18	6.0E-18	3.6E-18	1.0E-17	7.6E-11	1.8E-10	9.5E-12	9.5E-12	1.9E-16	1.1E-15
Monochlorobiphenyl	6.1E-16	5.7E-17	8.0E-17	4.8E-17	1.4E-16	9.2E-09	2.1E-08	1.2E-09	1.2E-09	4.5E-15	2.8E-14
Nonachlorobiphenyl	4.1E-19	1.7E-19	2.4E-19	1.4E-19	4.0E-19	2.6E-12	5.9E-12	3.2E-13	3.2E-13	7.2E-18	4.5E-17
Octachlorobiphenyl	9.7E-19	3.1E-19	4.3E-19	2.6E-19	7.3E-19	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.3E-17	8.2E-17
Pentachlorobiphenyl	4.4E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	2.6E-10	6.0E-10	3.3E-11	3.3E-11	6.7E-16	4.1E-15
Tetrachlorobiphenyl	2.6E-17	3.1E-18	4.4E-18	2.7E-18	7.4E-18	4.3E-10	9.9E-10	5.4E-11	5.4E-11	2.5E-16	1.5E-15
Trichlorobiphenyl	3.4E-17	3.8E-18	5.3E-18	3.2E-18	8.9E-18	5.5E-10	1.3E-09	6.8E-11	6.8E-11	3.0E-16	1.8E-15

Table H-217 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				1.3E-09	1.1E-09					4.1E-08	2.5E-07
Dieldrin		6.7E-12		8.0E-12						3.9E-13	
SVOCs											
1,2,4-trichlorobenzene						3.9E-09	8.9E-09	4.8E-10	4.8E-10		
1,2-dichlorobenzene	3.9E-20					1.6E-09	3.6E-09	1.9E-10	1.9E-10		
1,3-dichlorobenzene	9.9E-20					2.3E-09	5.4E-09	2.9E-10	2.9E-10		
1,4-dichlorobenzene	1.3E-18					2.2E-08	5.0E-08	2.7E-09	2.7E-09		
1,4-Dioxane						1.8E-03					
2,4-Dimethylphenol	3.6E-17					3.4E-07	7.8E-07	4.2E-08	4.2E-08		
2-Chlorophenol	1.8E-18					6.8E-08	1.6E-07	8.5E-09	8.5E-09		
2-Methylphenol	7.5E-16					8.0E-07	1.8E-06	9.9E-08	9.9E-08		
2-Nitrophenol	4.6E-18					1.1E-07	2.5E-07	1.3E-08	1.3E-08		
3-Methylphenol & 4-Methylphenol				5.3E-14	1.5E-13	1.4E-06	3.3E-06	1.8E-07	1.8E-07	2.6E-15	1.6E-14
4-Nitrophenol	9.3E-18					1.8E-07	4.1E-07	2.2E-08	2.2E-08		
Acetophenone	5.6E-17					1.7E-06	3.9E-06	2.1E-07	2.1E-07		
Benzoic acid	2.3E-16					7.7E-06	1.8E-05	9.6E-07	9.6E-07		
Benzyl alcohol	1.4E-19					6.4E-08	1.5E-07	8.0E-09	8.0E-09		
bis(2-Ethylhexyl) phthalate	7.0E-15	9.6E-14	1.3E-13	1.1E-13	3.2E-13	2.7E-06	6.3E-06	3.4E-07	3.4E-07	5.6E-15	3.4E-14
Butyl benzyl phthalate	2.5E-15	4.7E-17	6.5E-17	5.5E-17	1.5E-16	8.5E-08	2.0E-07	1.1E-08	1.1E-08	2.7E-18	1.7E-17
Carbazole				2.0E-16	5.6E-16	2.4E-09	5.5E-09	3.0E-10	3.0E-10	9.8E-18	6.0E-17
Dibenzofuran		2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.4E-07	3.1E-07	1.7E-08	1.7E-08	3.5E-15	2.1E-14
Dimethyl phthalate	9.2E-19					4.8E-09	1.1E-08	5.9E-10	5.9E-10		
Di-n-butyl phthalate	2.4E-14	4.6E-17	6.5E-17	5.5E-17	1.5E-16	1.3E-07	3.0E-07	1.6E-08	1.6E-08	2.7E-18	1.7E-17

Table H-217 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.8E-19	1.3E-16	1.9E-16	1.6E-16	4.4E-16	9.2E-09	2.1E-08	1.1E-09	1.1E-09	7.8E-18	4.8E-17
Hexachlorobutadiene	9.6E-17					6.3E-07	1.5E-06	7.9E-08	7.9E-08		
Isopropanol						2.9E-02					
Phenol	2.1E-15					4.3E-06	9.9E-06	5.4E-07	5.4E-07		
Pyridine	1.1E-16					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
TRS											
Total Reduced Sulfur						4.2E-06	9.6E-06	5.2E-07	5.2E-07		
VOCs											
1,1,1,2-Tetrachloroethane	3.8E-20					1.9E-09	4.5E-09	2.4E-10	2.4E-10		
1,1,1-Trichloroethane	2.5E-21					1.9E-09	4.4E-09	2.4E-10	2.4E-10		
1,1-Dichloroethene	8.5E-23					3.7E-10	8.6E-10	4.6E-11	4.6E-11		
1,2,3-Trichlorobenzene	2.7E-18					7.6E-09	1.8E-08	9.5E-10	9.5E-10		
1,2,3-Trichloropropane	1.5E-20					1.5E-09	3.6E-09	1.9E-10	1.9E-10		
1,2,4-Trimethylbenzene						8.9E-08	2.1E-07	1.1E-08	1.1E-08		
1,2-Dibromoethane	5.3E-21					9.9E-10	2.3E-09	1.2E-10	1.2E-10		
1,2-Dichloroethane	1.7E-19					4.0E-08	9.1E-08	1.4E-05	1.4E-05		
1,3,5-Trimethylbenzene	8.6E-19					8.4E-08	1.9E-07	1.0E-08	1.0E-08		
1,3-Dichloropropane						9.6E-10	2.2E-09	1.2E-10	1.2E-10		
2-Butanone	3.5E-17					4.7E-07	1.1E-06	5.9E-08	5.9E-08		
2-Chlorotoluene						2.1E-08	4.9E-08	2.6E-09	2.6E-09		
2-Hexanone						9.7E-08	2.2E-07	1.2E-08	1.2E-08		
Benzene	2.8E-17					9.1E-04	2.9E-05	1.4E-04	1.4E-04		
Bromobenzene						5.3E-07	1.2E-06	6.6E-08	6.6E-08		
Bromochloromethane						1.3E-09	2.9E-09	1.6E-10	1.6E-10		

Table H-217 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	4.5E-21					1.4E-09	3.1E-09	1.7E-10	1.7E-10		
Bromomethane	1.9E-20					5.4E-08	1.3E-07	6.8E-09	6.8E-09		
Carbon disulfide	1.8E-20					4.8E-08	1.1E-07	6.0E-09	6.0E-09		
Carbon tetrachloride	1.9E-21					1.9E-03	7.2E-09	2.2E-04	2.2E-04		
Chlorobenzene	6.7E-19					6.9E-08	1.6E-07	8.6E-09	8.6E-09		
Chlorodibromomethane	2.6E-19					3.4E-08	7.8E-08	4.2E-09	4.2E-09		
Chloroethane	5.3E-20					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
Chloroform	4.0E-20					6.2E-04	6.5E-08	3.4E-05	3.4E-05		
Chloromethane	1.4E-19					4.4E-07	1.0E-06	5.5E-08	5.5E-08		
cis-1,2-Dichloroethene	5.4E-20					5.7E-08	1.3E-07	7.1E-09	7.1E-09		
cis-1,3-Dichloropropene						3.5E-10	8.0E-10	4.3E-11	4.3E-11		
Dibromomethane	6.0E-21					2.9E-09	6.7E-09	3.6E-10	3.6E-10		
Dichlorodifluoromethane	6.7E-23					3.6E-09	8.2E-09	4.4E-10	4.4E-10		
Ethylbenzene	2.1E-17					5.2E-04	6.5E-06	3.5E-07	3.5E-07		
Isopropylbenzene	2.8E-20					2.3E-07	5.2E-07	2.8E-08	2.8E-08		
m&p-Xylene	3.4E-18					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Methyl Isobutyl Ketone (4-methyl-2-per	3.4E-20					5.1E-09	1.2E-08	6.4E-10	6.4E-10		
Methylene chloride	3.7E-19					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
n-Butylbenzene						1.1E-07	2.6E-07	1.4E-08	1.4E-08		
n-Propylbenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08		
o-Xylene	4.0E-18					3.3E-07	7.6E-07	4.1E-08	4.1E-08		
p-Chlorotoluene						7.9E-09	1.8E-08	9.9E-10	9.9E-10		
p-Isopropyltoluene						5.5E-08	1.3E-07	6.9E-09	6.9E-09		
sec-Butylbenzene						2.0E-08	4.7E-08	2.5E-09	2.5E-09		

Table H-217 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)
Styrene	1.3E-16					7.3E-06	1.7E-05	9.1E-07	9.1E-07				
tert-Butylbenzene						6.5E-07	1.5E-06	8.2E-08	8.2E-08				
Tetrachloroethene	9.4E-21					1.7E-09	4.0E-09	2.2E-10	2.2E-10				
Toluene	2.2E-17					4.5E-06	1.0E-05	5.6E-07	5.6E-07				
trans-1,2-Dichloroethene	8.4E-19					1.2E-06	2.8E-06	1.5E-07	1.5E-07				
trans-1,3-Dichloropropene						6.0E-10	1.4E-09	7.5E-11	7.5E-11				
Trichloroethene	9.7E-23					1.4E-04	2.4E-10	1.3E-11	1.3E-11				
Trichlorofluoromethane	1.5E-22					1.2E-09	2.9E-09	1.6E-10	1.6E-10				
Vinyl chloride	6.9E-21					2.0E-04	1.6E-07	8.8E-09	8.8E-09				

Table H-218 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					6.2E-07	4.0E-02	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19

Table H-218 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.1E-02	2.4E-02					5.3E-07	2.6E-06
Antimony	1.6E-17			2.6E-07	4.8E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.3E-11	5.2E-11
Arsenic	8.1E-16	6.0E-07	4.6E-07	1.4E-06	2.2E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	1.2E-10	3.9E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				3.1E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.5E-09	4.0E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				2.5E-02	4.0E-02					1.2E-06	4.3E-06
Lead	6.9E-18			9.0E-05	5.3E-05	6.0E-09	1.4E-08	7.5E-10	7.5E-10	4.4E-09	5.7E-09
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				9.8E-07	2.7E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	1.9E-06	1.2E-05
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18

Table H-218 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.8E-04	7.9E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.9E-08	8.5E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Thallium (Soluble Salts)				2.7E-07	1.4E-07					1.3E-11	1.6E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	9.0E-08	2.8E-12	8.1E-08	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	1.2E-09	7.6E-09
Benzo(a)pyrene	3.1E-12	8.5E-08	1.2E-12	7.7E-08	2.3E-12	1.2E-09	2.7E-09	1.5E-10	1.5E-10	3.8E-12	2.4E-16
Benzo(b)fluoranthene	8.3E-13	1.3E-07	7.3E-14	1.2E-07	1.3E-13	1.3E-09	3.0E-09	1.6E-10	1.6E-10	5.9E-12	1.4E-17
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	7.1E-08	1.1E-13	6.4E-08	2.0E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.1E-12	2.2E-17

Table H-218 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	1.1E-07	3.8E-12	1.0E-07	7.0E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	5.0E-12	7.5E-16
Dibenze(a,h)anthracene	1.6E-13	2.0E-08	4.8E-13	1.8E-08	8.7E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	8.8E-13	9.4E-17
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	5.7E-08	1.3E-12	5.1E-08	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	2.5E-12	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16

Table H-218 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				9.0E-08	7.8E-08					2.9E-09	1.8E-08
Dieldrin		4.7E-10		5.6E-10						2.7E-14	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
1,4-Dioxane						1.3E-04					
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18

Table H-218 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						2.0E-03					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					6.4E-05	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		

Table H-218 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.3E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					4.3E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					3.7E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		

Table H-218 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					1.0E-05	1.7E-11	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					1.4E-05	1.1E-08	6.2E-10	6.2E-10		

Table H-219 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						1.2E-05	2.8E-05	1.5E-06	1.5E-06		
Aldehydes											
Acetaldehyde	1.3E-15					2.1E-05	4.8E-05	2.6E-06	2.6E-06		
Formaldehyde	6.5E-15					8.8E-06	3.8E-01	1.1E-06	1.1E-06		
Propionaldehyde				3.2E-17	9.0E-17	2.3E-06	5.2E-06	2.8E-07	2.8E-07	2.4E-13	1.5E-12
CO											
Carbon monoxide						6.4E-04	1.5E-03	8.0E-05	8.0E-05		
CO2											
Carbon dioxide						2.0E-05	4.6E-05	2.5E-06	2.5E-06		
Criteria											
Sulfur Dioxide						5.4E-06	1.2E-05	6.8E-07	6.8E-07		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-20	1.8E-17	2.5E-17	7.0E-17	2.0E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	3.4E-18	2.1E-17
1,2,3,4,6,7,8-HpCDF	1.7E-20	1.8E-17	2.5E-17	7.1E-17	2.0E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	3.5E-18	2.1E-17
1,2,3,4,7,8,9-HpCDF	2.6E-21	2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.6E-12	3.6E-12	1.9E-13	1.9E-13	4.0E-19	2.5E-18
1,2,3,4,7,8-HxCDD	2.0E-20	2.0E-18	2.8E-18	7.9E-18	2.2E-17	1.5E-12	3.3E-12	1.8E-13	1.8E-13	3.9E-19	2.4E-18
1,2,3,4,7,8-HxCDF	1.4E-19	1.6E-17	2.2E-17	6.3E-17	1.8E-16	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.1E-18	1.9E-17
1,2,3,6,7,8-HxCDD	3.8E-20	4.1E-18	5.7E-18	1.6E-17	4.5E-17	3.1E-12	7.1E-12	3.8E-13	3.8E-13	7.9E-19	4.9E-18
1,2,3,6,7,8-HxCDF	5.1E-20	5.2E-18	7.3E-18	2.1E-17	5.8E-17	3.8E-12	8.8E-12	4.8E-13	4.8E-13	1.0E-18	6.2E-18
1,2,3,7,8,9-HxCDD	5.5E-20	6.5E-18	9.1E-18	2.6E-17	7.1E-17	4.6E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	7.7E-18
1,2,3,7,8,9-HxCDF	4.1E-21	3.7E-19	5.2E-19	1.5E-18	4.1E-18	2.9E-13	6.8E-13	3.7E-14	3.7E-14	7.2E-20	4.5E-19
1,2,3,7,8-PeCDD	1.1E-19	2.3E-18	3.2E-18	9.0E-18	2.5E-17	1.8E-12	4.3E-12	2.3E-13	2.3E-13	4.4E-19	2.7E-18
1,2,3,7,8-PeCDF	1.5E-19	2.7E-18	3.7E-18	1.1E-17	3.0E-17	2.6E-12	6.1E-12	3.3E-13	3.3E-13	5.2E-19	3.2E-18

Table H-219 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.3E-20	8.2E-18	1.1E-17	3.2E-17	9.0E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	1.6E-18	9.7E-18
2,3,4,7,8-PeCDF	2.3E-19	6.4E-18	9.0E-18	2.5E-17	7.1E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	1.2E-18	7.6E-18
2,3,7,8-TCDD	3.6E-20	4.6E-19	6.4E-19	1.8E-18	5.1E-18	7.4E-13	1.7E-12	9.3E-14	9.3E-14	6.2E-17	3.8E-16
2,3,7,8-TCDF	1.1E-19	8.4E-19	1.2E-18	3.3E-18	9.3E-18	2.7E-12	6.3E-12	3.4E-13	3.4E-13	1.6E-19	1.0E-18
OCDD	2.4E-22	1.2E-17	1.7E-17	4.7E-17	1.3E-16	8.0E-12	1.9E-11	1.0E-12	1.0E-12	2.3E-18	1.4E-17
OCDF	8.8E-23	4.6E-18	6.5E-18	1.8E-17	5.1E-17	3.0E-12	7.0E-12	3.8E-13	3.8E-13	9.0E-19	5.5E-18
HCN											
Hydrogen cyanide						2.3E-06	5.2E-06	2.8E-07	2.8E-07		
Metals											
Aluminum				1.5E-04	2.7E-04					7.6E-06	3.0E-05
Antimony	2.2E-19			3.7E-09	2.4E-09	1.5E-07	3.4E-07	1.9E-08	1.9E-08	1.8E-10	2.6E-10
Arsenic	1.2E-17	8.5E-09	2.6E-09	2.0E-08	1.2E-08	8.5E-09	2.0E-08	1.1E-09	1.1E-09	1.6E-09	2.2E-09
Barium	3.1E-14			3.9E-11	1.1E-10	1.8E-06	4.2E-06	2.2E-07	2.2E-07	1.9E-12	1.2E-11
Beryllium	4.7E-19			1.5E-17	4.2E-17	6.1E-10	1.4E-09	7.7E-11	7.7E-11	7.3E-19	4.5E-18
Cadmium	1.2E-16			1.2E-17	3.3E-17	1.1E-08	2.5E-08	1.4E-09	1.4E-09	5.7E-19	3.5E-18
Chromium	3.5E-17			1.0E-12	2.8E-12	9.2E-08	2.1E-07	1.2E-08	1.2E-08	5.0E-14	3.1E-13
Cobalt				4.5E-07	9.1E-07	1.4E-07	3.2E-07	1.8E-08	1.8E-08	2.2E-08	9.8E-08
Copper				4.2E-12	1.2E-11	2.5E-07	5.9E-07	3.2E-08	3.2E-08	2.0E-13	1.3E-12
Iron				3.6E-04	6.2E-04					1.8E-05	6.6E-05
Lead	9.9E-20			1.3E-06	2.1E-06	8.5E-08	2.0E-07	1.1E-08	1.1E-08	6.3E-08	2.2E-07
Manganese				1.1E-14	3.2E-14	7.8E-08	1.8E-07	9.7E-09	9.7E-09	5.6E-16	3.4E-15
Mercury (+2)				4.6E-16	1.3E-15	3.4E-10	7.8E-10	4.2E-11	4.2E-11	2.2E-17	1.4E-16
Mercury, elemental				1.4E-08	6.3E-10	1.4E-12	3.2E-12	1.8E-13	1.8E-13	2.7E-05	1.7E-04
Methyl Mercury	1.2E-16			2.7E-17	7.6E-17					1.3E-18	8.2E-18

Table H-219 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	4.7E-17			8.3E-06	1.9E-05	5.0E-08	1.1E-07	6.2E-09	6.2E-09	4.1E-07	2.0E-06
Phosphorus				1.1E-16	3.0E-16	3.8E-07	8.7E-07	4.7E-08	4.7E-08	1.0E-12	6.4E-12
Selenium	3.9E-18			5.8E-19	1.6E-18	2.5E-09	5.8E-09	3.1E-10	3.1E-10	2.8E-20	1.7E-19
Silver	2.9E-18			1.1E-14	3.0E-14	1.6E-09	3.8E-09	2.0E-10	2.0E-10	5.2E-16	3.2E-15
Thallium (Soluble Salts)				3.8E-09						1.9E-10	
Titanium				1.1E-16	3.2E-16	8.7E-10	2.0E-09	1.1E-10	1.1E-10	5.6E-18	3.5E-17
Zinc	5.8E-14			2.6E-15	7.4E-15	2.0E-06	4.5E-06	2.4E-07	2.4E-07	1.3E-16	8.0E-16
NOx											
NOx (Oxides of Nitrogen)						2.2E-05	5.2E-05	2.8E-06	2.8E-06		
PAHs											
1-Methylnaphthalene		3.4E-18	4.8E-18	3.1E-18	8.7E-18	4.7E-07	1.1E-06	5.9E-08	5.9E-08	3.5E-15	2.2E-14
1-Methylphenanthrene				2.1E-15	5.8E-15	5.6E-08	1.3E-07	7.0E-09	7.0E-09	1.0E-16	6.3E-16
2,3,5-Trimethylnaphthalene				9.7E-16	2.7E-15	2.8E-08	6.4E-08	3.5E-09	3.5E-09	4.8E-17	2.9E-16
2,6-Dimethylnaphthalene				2.7E-15	7.4E-15	7.4E-08	1.7E-07	9.2E-09	9.2E-09	1.3E-16	8.0E-16
2-Methylnaphthalene		3.3E-18	4.6E-18	3.0E-18	8.4E-18	4.6E-07	1.1E-06	5.7E-08	5.7E-08	3.4E-15	2.1E-14
Acenaphthylene				8.5E-15	2.4E-14	2.7E-07	6.2E-07	3.4E-08	3.4E-08	4.2E-16	2.6E-15
Acenaphthene	4.8E-17					4.9E-08	1.1E-07	6.2E-09	6.2E-09		
Anthracene	6.1E-16					8.7E-08	2.0E-07	1.1E-08	1.1E-08		
Benzo(a)anthracene	8.8E-14	1.3E-09	3.6E-14	1.2E-09	6.5E-14	4.3E-08	9.9E-08	5.3E-09	5.3E-09	1.8E-08	1.1E-07
Benzo(a)pyrene	4.4E-14	1.2E-09	1.9E-09	1.1E-09	3.4E-09	1.7E-08	3.9E-08	2.1E-09	2.1E-09	5.4E-11	3.7E-10
Benzo(b)fluoranthene	1.2E-14	1.9E-09	1.7E-09	1.7E-09	3.1E-09	1.9E-08	4.3E-08	2.3E-09	2.3E-09	8.4E-11	3.3E-10
Benzo(e)pyrene				4.9E-16	1.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	2.4E-17	1.5E-16
Benzo(g,h,i)perylene				3.6E-16	1.0E-15	1.1E-08	2.5E-08	1.4E-09	1.4E-09	1.8E-17	1.1E-16
Benzo(k)fluoranthene	9.8E-17	1.0E-09	1.2E-15	9.2E-10	2.2E-15	1.7E-10	3.8E-10	2.1E-11	2.1E-11	4.5E-11	2.3E-16

Table H-219 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				4.8E-17	1.3E-16	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.8E-14	1.7E-13
Chrysene	1.5E-14	1.6E-09	4.7E-14	1.5E-09	8.6E-14	7.3E-08	1.7E-07	9.1E-09	9.1E-09	7.2E-11	9.3E-15
Dibenze(a,h)anthracene	2.2E-15	2.8E-10	6.0E-15	2.6E-10	1.1E-14	2.7E-09	6.1E-09	3.3E-10	3.3E-10	1.3E-11	1.2E-15
Fluoranthene	4.0E-15	9.1E-16	1.3E-15	8.3E-16	2.3E-15	1.1E-07	2.5E-07	1.3E-08	1.3E-08	4.0E-17	2.5E-16
Fluorene	8.7E-16					2.7E-07	6.2E-07	3.3E-08	3.3E-08		
Indeno(1,2,3-cd)pyrene	5.5E-15	8.1E-10	1.7E-14	7.3E-10	3.0E-14	8.8E-09	2.0E-08	1.1E-09	1.1E-09	3.6E-11	3.3E-15
Napthalene	4.0E-16					2.1E-06	4.9E-06	2.7E-07	2.7E-07		
Perylene				1.9E-16	5.3E-16	6.6E-09	1.5E-08	8.2E-10	8.2E-10	9.2E-18	5.7E-17
Phenanthrene	4.2E-15					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
Pyrene	2.9E-15	3.1E-15	4.3E-15	2.8E-15	7.8E-15	1.0E-07	2.4E-07	1.3E-08	1.3E-08	7.8E-14	4.8E-13
Particulate											
Particulate Total Suspended Particulate				4.3E-11	1.2E-10	3.3E-04	7.7E-04	4.2E-05	4.2E-05	2.1E-12	1.3E-11
PM<10				5.5E-11	1.5E-10	4.4E-04	1.0E-03	5.5E-05	5.5E-05	2.7E-12	1.7E-11
PM<2.5				4.5E-11	1.3E-10	3.8E-04	8.7E-04	4.7E-05	4.7E-05	2.2E-12	1.4E-11
PCBs											
Dichlorobiphenyl	8.7E-17	8.2E-18	1.2E-17	7.0E-18	1.9E-17	1.3E-09	3.1E-09	1.7E-10	1.7E-10	6.5E-16	4.0E-15
Heptachlorobiphenyl	3.3E-18	9.5E-19	1.3E-18	8.1E-19	2.3E-18	1.8E-11	4.2E-11	2.3E-12	2.3E-12	4.1E-17	2.5E-16
Hexachlorobiphenyl	1.3E-17	4.3E-18	6.0E-18	3.6E-18	1.0E-17	7.6E-11	1.8E-10	9.5E-12	9.5E-12	1.9E-16	1.1E-15
Monochlorobiphenyl	6.1E-16	5.7E-17	8.0E-17	4.8E-17	1.4E-16	9.2E-09	2.1E-08	1.2E-09	1.2E-09	4.5E-15	2.8E-14
Nonachlorobiphenyl	4.1E-19	1.7E-19	2.4E-19	1.4E-19	4.0E-19	2.6E-12	5.9E-12	3.2E-13	3.2E-13	7.2E-18	4.5E-17
Octachlorobiphenyl	9.7E-19	3.1E-19	4.3E-19	2.6E-19	7.3E-19	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.3E-17	8.2E-17
Pentachlorobiphenyl	4.4E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	2.6E-10	6.0E-10	3.3E-11	3.3E-11	6.7E-16	4.1E-15
Tetrachlorobiphenyl	2.6E-17	3.1E-18	4.4E-18	2.7E-18	7.4E-18	4.3E-10	9.9E-10	5.4E-11	5.4E-11	2.5E-16	1.5E-15
Trichlorobiphenyl	3.4E-17	3.8E-18	5.3E-18	3.2E-18	8.9E-18	5.5E-10	1.3E-09	6.8E-11	6.8E-11	3.0E-16	1.8E-15

Table H-219 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				1.3E-09	3.9E-09					4.1E-08	2.5E-07
Dieldrin		6.7E-12		8.0E-12						3.9E-13	
SVOCs											
1,2,4-trichlorobenzene						3.9E-09	8.9E-09	4.8E-10	4.8E-10		
1,2-dichlorobenzene	3.9E-20					1.6E-09	3.6E-09	1.9E-10	1.9E-10		
1,3-dichlorobenzene	9.9E-20					2.3E-09	5.4E-09	2.9E-10	2.9E-10		
1,4-dichlorobenzene	1.3E-18					2.2E-08	5.0E-08	2.7E-09	2.7E-09		
1,4-Dioxane						1.8E-03					
2,4-Dimethylphenol	3.6E-17					3.4E-07	7.8E-07	4.2E-08	4.2E-08		
2-Chlorophenol	1.8E-18					6.8E-08	1.6E-07	8.5E-09	8.5E-09		
2-Methylphenol	7.5E-16					8.0E-07	1.8E-06	9.9E-08	9.9E-08		
2-Nitrophenol	4.6E-18					1.1E-07	2.5E-07	1.3E-08	1.3E-08		
3-Methylphenol & 4-Methylphenol				5.3E-14	1.5E-13	1.4E-06	3.3E-06	1.8E-07	1.8E-07	2.6E-15	1.6E-14
4-Nitrophenol	9.3E-18					1.8E-07	4.1E-07	2.2E-08	2.2E-08		
Acetophenone	5.6E-17					1.7E-06	3.9E-06	2.1E-07	2.1E-07		
Benzoic acid	2.3E-16					7.7E-06	1.8E-05	9.6E-07	9.6E-07		
Benzyl alcohol	1.4E-19					6.4E-08	1.5E-07	8.0E-09	8.0E-09		
bis(2-Ethylhexyl) phthalate	7.0E-15	9.6E-14	1.3E-13	1.1E-13	3.2E-13	2.7E-06	6.3E-06	3.4E-07	3.4E-07	5.6E-15	3.4E-14
Butyl benzyl phthalate	2.5E-15	4.7E-17	6.5E-17	5.5E-17	1.5E-16	8.5E-08	2.0E-07	1.1E-08	1.1E-08	2.7E-18	1.7E-17
Carbazole				2.0E-16	5.6E-16	2.4E-09	5.5E-09	3.0E-10	3.0E-10	9.8E-18	6.0E-17
Dibenzofuran		2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.4E-07	3.1E-07	1.7E-08	1.7E-08	3.5E-15	2.1E-14
Dimethyl phthalate	9.2E-19					4.8E-09	1.1E-08	5.9E-10	5.9E-10		
Di-n-butyl phthalate	2.4E-14	4.6E-17	6.5E-17	5.5E-17	1.5E-16	1.3E-07	3.0E-07	1.6E-08	1.6E-08	2.7E-18	1.7E-17

Table H-219 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.8E-19	1.3E-16	1.9E-16	1.6E-16	4.4E-16	9.2E-09	2.1E-08	1.1E-09	1.1E-09	7.8E-18	4.8E-17
Hexachlorobutadiene	9.6E-17					6.3E-07	1.5E-06	7.9E-08	7.9E-08		
Isopropanol						2.9E-02					
Phenol	2.1E-15					4.3E-06	9.9E-06	5.4E-07	5.4E-07		
Pyridine	1.1E-16					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
TRS											
Total Reduced Sulfur						4.2E-06	9.6E-06	5.2E-07	5.2E-07		
VOCs											
1,1,1,2-Tetrachloroethane	3.8E-20					1.9E-09	4.5E-09	2.4E-10	2.4E-10		
1,1,1-Trichloroethane	2.5E-21					1.9E-09	4.4E-09	2.4E-10	2.4E-10		
1,1-Dichloroethene	8.5E-23					3.7E-10	8.6E-10	4.6E-11	4.6E-11		
1,2,3-Trichlorobenzene	2.7E-18					7.6E-09	1.8E-08	9.5E-10	9.5E-10		
1,2,3-Trichloropropane	1.5E-20					1.5E-09	3.6E-09	1.9E-10	1.9E-10		
1,2,4-Trimethylbenzene						8.9E-08	2.1E-07	1.1E-08	1.1E-08		
1,2-Dibromoethane	5.3E-21					9.9E-10	2.3E-09	1.2E-10	1.2E-10		
1,2-Dichloroethane	1.7E-19					4.0E-08	9.1E-08	1.4E-05	1.4E-05		
1,3,5-Trimethylbenzene	8.6E-19					8.4E-08	1.9E-07	1.0E-08	1.0E-08		
1,3-Dichloropropane						9.6E-10	2.2E-09	1.2E-10	1.2E-10		
2-Butanone	3.5E-17					4.7E-07	1.1E-06	5.9E-08	5.9E-08		
2-Chlorotoluene						2.1E-08	4.9E-08	2.6E-09	2.6E-09		
2-Hexanone						9.7E-08	2.2E-07	1.2E-08	1.2E-08		
Benzene	2.8E-17					9.1E-04	2.9E-05	1.4E-04	1.4E-04		
Bromobenzene						5.3E-07	1.2E-06	6.6E-08	6.6E-08		
Bromochloromethane						1.3E-09	2.9E-09	1.6E-10	1.6E-10		

Table H-219 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	4.5E-21					1.4E-09	3.1E-09	1.7E-10	1.7E-10		
Bromomethane	1.9E-20					5.4E-08	1.3E-07	6.8E-09	6.8E-09		
Carbon disulfide	1.8E-20					4.8E-08	1.1E-07	6.0E-09	6.0E-09		
Carbon tetrachloride	1.9E-21					1.9E-03	7.2E-09	2.2E-04	2.2E-04		
Chlorobenzene	6.7E-19					6.9E-08	1.6E-07	8.6E-09	8.6E-09		
Chlorodibromomethane	2.6E-19					3.4E-08	7.8E-08	4.2E-09	4.2E-09		
Chloroethane	5.3E-20					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
Chloroform	4.0E-20					6.2E-04	6.5E-08	3.4E-05	3.4E-05		
Chloromethane	1.4E-19					4.4E-07	1.0E-06	5.5E-08	5.5E-08		
cis-1,2-Dichloroethene	5.4E-20					5.7E-08	1.3E-07	7.1E-09	7.1E-09		
cis-1,3-Dichloropropene						3.5E-10	8.0E-10	4.3E-11	4.3E-11		
Dibromomethane	6.0E-21					2.9E-09	6.7E-09	3.6E-10	3.6E-10		
Dichlorodifluoromethane	6.7E-23					3.6E-09	8.2E-09	4.4E-10	4.4E-10		
Ethylbenzene	2.1E-17					5.2E-04	6.5E-06	3.5E-07	3.5E-07		
Isopropylbenzene	2.8E-20					2.3E-07	5.2E-07	2.8E-08	2.8E-08		
m&p-Xylene	3.4E-18					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Methyl Isobutyl Ketone (4-methyl-2-per	3.4E-20					5.1E-09	1.2E-08	6.4E-10	6.4E-10		
Methylene chloride	3.7E-19					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
n-Butylbenzene						1.1E-07	2.6E-07	1.4E-08	1.4E-08		
n-Propylbenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08		
o-Xylene	4.0E-18					3.3E-07	7.6E-07	4.1E-08	4.1E-08		
p-Chlorotoluene						7.9E-09	1.8E-08	9.9E-10	9.9E-10		
p-Isopropyltoluene						5.5E-08	1.3E-07	6.9E-09	6.9E-09		
sec-Butylbenzene						2.0E-08	4.7E-08	2.5E-09	2.5E-09		

Table H-219 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)
Styrene	1.3E-16					7.3E-06	1.7E-05	9.1E-07	9.1E-07				
tert-Butylbenzene						6.5E-07	1.5E-06	8.2E-08	8.2E-08				
Tetrachloroethene	9.4E-21					1.7E-09	4.0E-09	2.2E-10	2.2E-10				
Toluene	2.2E-17					4.5E-06	1.0E-05	5.6E-07	5.6E-07				
trans-1,2-Dichloroethene	8.4E-19					1.2E-06	2.8E-06	1.5E-07	1.5E-07				
trans-1,3-Dichloropropene						6.0E-10	1.4E-09	7.5E-11	7.5E-11				
Trichloroethene	9.7E-23					1.4E-04	2.4E-10	1.3E-11	1.3E-11				
Trichlorofluoromethane	1.5E-22					1.2E-09	2.9E-09	1.6E-10	1.6E-10				
Vinyl chloride	6.9E-21					2.0E-04	1.6E-07	8.8E-09	8.8E-09				

Table H-220 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					6.2E-07	2.7E-02	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19

Table H-220 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.1E-02	1.9E-02					5.3E-07	2.1E-06
Antimony	1.6E-17			2.6E-07	1.7E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.3E-11	1.8E-11
Arsenic	8.1E-16	6.0E-07	1.8E-07	1.4E-06	8.6E-07	5.9E-10	1.4E-09	7.4E-11	7.4E-11	1.2E-10	1.6E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				3.1E-05	6.4E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.5E-09	6.9E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				2.5E-02	4.3E-02					1.2E-06	4.7E-06
Lead	6.9E-18			9.0E-05	1.4E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	4.4E-09	1.6E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				9.8E-07	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	1.9E-06	1.2E-05
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18

Table H-220 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.8E-04	1.3E-03	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.9E-08	1.4E-07
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Thallium (Soluble Salts)				2.7E-07						1.3E-11	
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	9.0E-08	2.8E-12	8.1E-08	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	1.2E-09	7.6E-09
Benzo(a)pyrene	3.1E-12	8.5E-08	1.3E-07	7.7E-08	2.4E-07	1.2E-09	2.7E-09	1.5E-10	1.5E-10	3.8E-12	2.6E-11
Benzo(b)fluoranthene	8.3E-13	1.3E-07	1.2E-07	1.2E-07	2.2E-07	1.3E-09	3.0E-09	1.6E-10	1.6E-10	5.9E-12	2.3E-11
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	7.1E-08	1.1E-13	6.4E-08	2.0E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.1E-12	2.2E-17

Table H-220 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	1.1E-07	3.8E-12	1.0E-07	7.0E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	5.0E-12	7.5E-16
Dibenze(a,h)anthracene	1.6E-13	2.0E-08	4.8E-13	1.8E-08	8.7E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	8.8E-13	9.4E-17
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	5.7E-08	1.3E-12	5.1E-08	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	2.5E-12	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16

Table H-220 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				9.0E-08	2.8E-07					2.9E-09	1.8E-08
Dieldrin		4.7E-10		5.6E-10						2.7E-14	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
1,4-Dioxane						1.3E-04					
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18

Table H-220 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						2.0E-03					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					6.4E-05	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		

Table H-220 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.3E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					4.3E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					3.7E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		

Table H-220 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					1.0E-05	1.7E-11	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					1.4E-05	1.1E-08	6.2E-10	6.2E-10		

Table H-221 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						1.2E-05	4.3E-04	1.5E-06	1.4E-04		
Aldehydes											
Acetaldehyde	1.3E-15					2.1E-05	7.4E-04	2.6E-06	2.5E-04		
Formaldehyde	6.5E-15					8.8E-06	2.9E-04	1.1E-06	9.7E-05		
Propionaldehyde				3.2E-17	1.0E-15	2.3E-06	8.2E-05	2.8E-07	2.7E-05	2.4E-13	1.7E-11
CO											
Carbon monoxide						6.4E-04	2.4E-02	8.0E-05	7.9E-03		
CO2											
Carbon dioxide						2.0E-05	7.2E-04	2.5E-06	2.4E-04		
Criteria											
Sulfur Dioxide						5.4E-06	1.7E-04	6.8E-07	5.8E-05		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-20	1.8E-17	3.3E-16	7.0E-17	2.6E-15	1.2E-11	4.8E-10	1.5E-12	1.6E-10	3.4E-18	2.8E-16
1,2,3,4,6,7,8-HpCDF	1.7E-20	1.8E-17	3.3E-16	7.1E-17	2.6E-15	1.2E-11	4.9E-10	1.5E-12	1.6E-10	3.5E-18	2.8E-16
1,2,3,4,7,8,9-HpCDF	2.6E-21	2.1E-18	4.0E-17	8.1E-18	3.2E-16	1.6E-12	6.3E-11	1.9E-13	2.1E-11	4.0E-19	3.4E-17
1,2,3,4,7,8-HxCDD	2.0E-20	2.0E-18	3.9E-17	7.9E-18	3.1E-16	1.5E-12	5.9E-11	1.8E-13	2.0E-11	3.9E-19	3.3E-17
1,2,3,4,7,8-HxCDF	1.4E-19	1.6E-17	3.1E-16	6.3E-17	2.4E-15	1.2E-11	4.8E-10	1.5E-12	1.6E-10	3.1E-18	2.6E-16
1,2,3,6,7,8-HxCDD	3.8E-20	4.1E-18	8.0E-17	1.6E-17	6.3E-16	3.1E-12	1.2E-10	3.8E-13	4.1E-11	7.9E-19	6.8E-17
1,2,3,6,7,8-HxCDF	5.1E-20	5.2E-18	1.0E-16	2.1E-17	8.0E-16	3.8E-12	1.6E-10	4.8E-13	5.2E-11	1.0E-18	8.7E-17
1,2,3,7,8,9-HxCDD	5.5E-20	6.5E-18	1.2E-16	2.6E-17	9.9E-16	4.6E-12	1.9E-10	5.8E-13	6.3E-11	1.3E-18	1.1E-16
1,2,3,7,8,9-HxCDF	4.1E-21	3.7E-19	7.3E-18	1.5E-18	5.8E-17	2.9E-13	1.2E-11	3.7E-14	4.0E-12	7.2E-20	6.3E-18
1,2,3,7,8-PeCDD	1.1E-19	2.3E-18	4.5E-17	9.0E-18	3.5E-16	1.8E-12	7.5E-11	2.3E-13	2.5E-11	4.4E-19	3.8E-17
1,2,3,7,8-PeCDF	1.5E-19	2.7E-18	5.3E-17	1.1E-17	4.2E-16	2.6E-12	1.1E-10	3.3E-13	3.6E-11	5.2E-19	4.5E-17

Table H-221 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.3E-20	8.2E-18	1.5E-16	3.2E-17	1.2E-15	5.9E-12	2.4E-10	7.4E-13	7.9E-11	1.6E-18	1.3E-16
2,3,4,7,8-PeCDF	2.3E-19	6.4E-18	1.3E-16	2.5E-17	9.9E-16	5.9E-12	2.4E-10	7.4E-13	8.0E-11	1.2E-18	1.1E-16
2,3,7,8-TCDD	3.6E-20	4.6E-19	6.7E-18	1.8E-18	5.3E-17	7.4E-13	2.5E-11	9.3E-14	8.3E-12	6.2E-17	3.9E-15
2,3,7,8-TCDF	1.1E-19	8.4E-19	1.7E-17	3.3E-18	1.3E-16	2.7E-12	1.1E-10	3.4E-13	3.7E-11	1.6E-19	1.4E-17
OCDD	2.4E-22	1.2E-17	2.2E-16	4.7E-17	1.7E-15	8.0E-12	3.2E-10	1.0E-12	1.1E-10	2.3E-18	1.9E-16
OCDF	8.8E-23	4.6E-18	8.3E-17	1.8E-17	6.5E-16	3.0E-12	1.2E-10	3.8E-13	3.9E-11	9.0E-19	7.1E-17
HCN											
Hydrogen cyanide						2.3E-06	8.8E-05	2.8E-07	2.9E-05		
Metals											
Aluminum				1.5E-04						7.6E-06	
Antimony	2.2E-19			3.7E-09		1.5E-07	3.7E-06	1.9E-08	1.2E-06	1.8E-10	
Arsenic	1.2E-17	8.5E-09	6.9E-19	2.0E-08	3.3E-18	8.5E-09	3.0E-07	1.1E-09	1.0E-07	1.6E-09	5.9E-19
Barium	3.1E-14			3.9E-11	1.3E-09	1.8E-06	4.8E-05	2.2E-07	1.6E-05	1.9E-12	1.5E-10
Beryllium	4.7E-19			1.5E-17	5.6E-16	6.1E-10	2.1E-08	7.7E-11	6.9E-09	7.3E-19	6.1E-17
Cadmium	1.2E-16			1.2E-17	4.5E-16	1.1E-08	3.8E-07	1.4E-09	1.3E-07	5.7E-19	4.8E-17
Chromium	3.5E-17			1.0E-12	4.0E-11	9.2E-08	3.3E-06	1.2E-08	1.1E-06	5.0E-14	4.3E-12
Cobalt				4.5E-07	1.3E-10	1.4E-07	2.6E-06	1.8E-08	8.5E-07	2.2E-08	1.3E-11
Copper				4.2E-12	1.6E-10	2.5E-07	8.7E-06	3.2E-08	2.9E-06	2.0E-13	1.7E-11
Iron				3.6E-04						1.8E-05	
Lead	9.9E-20			1.3E-06	5.5E-14	8.5E-08	2.8E-06	1.1E-08	9.3E-07	6.3E-08	5.9E-15
Manganese				1.1E-14	4.4E-13	7.8E-08	2.7E-06	9.7E-09	9.0E-07	5.6E-16	4.7E-14
Mercury (+2)				4.6E-16	1.4E-14	3.4E-10	1.2E-08	4.2E-11	4.0E-09	2.2E-17	1.5E-15
Mercury, elemental				1.4E-08		1.4E-12	4.9E-11	1.8E-13	1.6E-11	2.7E-05	
Methyl Mercury	1.2E-16			2.7E-17	1.1E-15					1.3E-18	1.1E-16

Table H-221 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	4.7E-17			8.3E-06	2.2E-15	5.0E-08	1.7E-06	6.2E-09	5.7E-07	4.1E-07	2.4E-16
Phosphorus				1.1E-16	4.0E-15	3.8E-07	1.2E-05	4.7E-08	4.1E-06	1.0E-12	8.4E-11
Selenium	3.9E-18			5.8E-19	2.2E-17	2.5E-09	8.7E-08	3.1E-10	2.9E-08	2.8E-20	2.4E-18
Silver	2.9E-18			1.1E-14	3.9E-13	1.6E-09	5.3E-08	2.0E-10	1.8E-08	5.2E-16	4.3E-14
Thallium (Soluble Salts)				3.8E-09						1.9E-10	
Titanium				1.1E-16	4.6E-15	8.7E-10	3.3E-08	1.1E-10	1.1E-08	5.6E-18	5.0E-16
Zinc	5.8E-14			2.6E-15	9.3E-14	2.0E-06	5.6E-05	2.4E-07	1.9E-05	1.3E-16	1.0E-14
NOx											
NOx (Oxides of Nitrogen)						2.2E-05	7.5E-04	2.8E-06	2.5E-04		
PAHs											
1-Methylnaphthalene		3.4E-18	6.9E-17	3.1E-18	1.3E-16	4.7E-07	2.0E-05	5.9E-08	6.5E-06	3.5E-15	3.2E-13
1-Methylphenanthrene				2.1E-15	8.6E-14	5.6E-08	2.4E-06	7.0E-09	7.9E-07	1.0E-16	9.3E-15
2,3,5-Trimethylnaphthalene				9.7E-16	4.2E-14	2.8E-08	1.2E-06	3.5E-09	4.0E-07	4.8E-17	4.6E-15
2,6-Dimethylnaphthalene				2.7E-15	1.1E-13	7.4E-08	3.1E-06	9.2E-09	1.0E-06	1.3E-16	1.2E-14
2-Methylnaphthalene		3.3E-18	6.7E-17	3.0E-18	1.2E-16	4.6E-07	1.9E-05	5.7E-08	6.3E-06	3.4E-15	3.1E-13
Acenaphthylene				8.5E-15	3.6E-13	2.7E-07	1.1E-05	3.4E-08	3.8E-06	4.2E-16	3.9E-14
Acenaphthene	4.8E-17					4.9E-08	2.1E-06	6.2E-09	6.9E-07		
Anthracene	6.1E-16					8.7E-08	3.7E-06	1.1E-08	1.2E-06		
Benzo(a)anthracene	8.8E-14	1.3E-09	5.7E-13	1.2E-09	1.0E-12	4.3E-08	1.8E-06	5.3E-09	6.2E-07	1.8E-08	3.5E-11
Benzo(a)pyrene	4.4E-14	1.2E-09	2.4E-13	1.1E-09	4.4E-13	1.7E-08	7.0E-07	2.1E-09	2.3E-07	5.4E-11	4.8E-14
Benzo(b)fluoranthene	1.2E-14	1.9E-09	1.3E-14	1.7E-09	2.4E-14	1.9E-08	7.6E-07	2.3E-09	2.5E-07	8.4E-11	2.6E-15
Benzo(e)pyrene				4.9E-16	1.9E-14	1.4E-08	5.8E-07	1.8E-09	1.9E-07	2.4E-17	2.1E-15
Benzo(g,h,i)perylene				3.6E-16	1.5E-14	1.1E-08	4.5E-07	1.4E-09	1.5E-07	1.8E-17	1.6E-15
Benzo(k)fluoranthene	9.8E-17	1.0E-09	7.8E-15	9.2E-10	1.4E-14	1.7E-10	3.0E-09	2.1E-11	9.9E-10	4.5E-11	1.5E-15

Table H-221 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				4.8E-17	2.0E-15	1.6E-06	6.7E-05	2.0E-07	2.2E-05	2.8E-14	2.6E-12
Chrysene	1.5E-14	1.6E-09	6.9E-13	1.5E-09	1.3E-12	7.3E-08	3.0E-06	9.1E-09	1.0E-06	7.2E-11	1.4E-13
Dibenze(a,h)anthracene	2.2E-15	2.8E-10	8.5E-14	2.6E-10	1.6E-13	2.7E-09	1.1E-07	3.3E-10	3.6E-08	1.3E-11	1.7E-14
Fluoranthene	4.0E-15	9.1E-16	1.8E-14	8.3E-16	3.4E-14	1.1E-07	4.4E-06	1.3E-08	1.5E-06	4.0E-17	3.6E-15
Fluorene	8.7E-16					2.7E-07	1.1E-05	3.3E-08	3.8E-06		
Indeno(1,2,3-cd)pyrene	5.5E-15	8.1E-10	2.4E-13	7.3E-10	4.3E-13	8.8E-09	3.6E-07	1.1E-09	1.2E-07	3.6E-11	4.7E-14
Napthalene	4.0E-16					2.1E-06	8.8E-05	2.7E-07	2.9E-05		
Perylene				1.9E-16	8.8E-15	6.6E-09	2.9E-07	8.2E-10	9.7E-08	9.2E-18	9.5E-16
Phenanthrene	4.2E-15					5.0E-07	2.1E-05	6.3E-08	6.9E-06		
Pyrene	2.9E-15	3.1E-15	6.3E-14	2.8E-15	1.1E-13	1.0E-07	4.3E-06	1.3E-08	1.4E-06	7.8E-14	7.0E-12
Particulate											
Particulate Total Suspended Particulate				4.3E-11	1.7E-09	3.3E-04	1.3E-02	4.2E-05	4.3E-03	2.1E-12	1.9E-10
PM<10				5.5E-11	2.3E-09	4.4E-04	1.7E-02	5.5E-05	5.8E-03	2.7E-12	2.4E-10
PM<2.5				4.5E-11	1.9E-09	3.8E-04	1.5E-02	4.7E-05	5.0E-03	2.2E-12	2.1E-10
PCBs											
Dichlorobiphenyl	8.7E-17	8.2E-18	1.6E-16	7.0E-18	2.8E-16	1.3E-09	5.4E-08	1.7E-10	1.8E-08	6.5E-16	5.7E-14
Heptachlorobiphenyl	3.3E-18	9.5E-19	1.8E-17	8.1E-19	3.1E-17	1.8E-11	7.3E-10	2.3E-12	2.4E-10	4.1E-17	3.5E-15
Hexachlorobiphenyl	1.3E-17	4.3E-18	7.7E-17	3.6E-18	1.3E-16	7.6E-11	3.0E-09	9.5E-12	9.9E-10	1.9E-16	1.5E-14
Monochlorobiphenyl	6.1E-16	5.7E-17	1.1E-15	4.8E-17	1.9E-15	9.2E-09	3.8E-07	1.2E-09	1.3E-07	4.5E-15	4.0E-13
Nonachlorobiphenyl	4.1E-19	1.7E-19	2.6E-18	1.4E-19	4.4E-18	2.6E-12	9.1E-11	3.2E-13	3.0E-11	7.2E-18	5.0E-16
Octachlorobiphenyl	9.7E-19	3.1E-19	5.6E-18	2.6E-19	9.5E-18	5.5E-12	2.2E-10	6.9E-13	7.2E-11	1.3E-17	1.1E-15
Pentachlorobiphenyl	4.4E-17	1.6E-17	2.7E-16	1.3E-17	4.5E-16	2.6E-10	9.9E-09	3.3E-11	3.3E-09	6.7E-16	5.0E-14
Tetrachlorobiphenyl	2.6E-17	3.1E-18	5.3E-17	2.7E-18	9.0E-17	4.3E-10	1.6E-08	5.4E-11	5.4E-09	2.5E-16	1.8E-14
Trichlorobiphenyl	3.4E-17	3.8E-18	6.7E-17	3.2E-18	1.1E-16	5.5E-10	2.1E-08	6.8E-11	7.0E-09	3.0E-16	2.3E-14

Table H-221 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				1.3E-09						4.1E-08	
Dieldrin		6.7E-12		8.0E-12						3.9E-13	
SVOCs											
1,2,4-trichlorobenzene						3.9E-09	1.2E-07	4.8E-10	4.1E-08		
1,2-dichlorobenzene	3.9E-20					1.6E-09	2.8E-08	1.9E-10	9.2E-09		
1,3-dichlorobenzene	9.9E-20					2.3E-09	7.9E-08	2.9E-10	2.6E-08		
1,4-dichlorobenzene	1.3E-18					2.2E-08	9.7E-07	2.7E-09	3.2E-07		
1,4-Dioxane						1.8E-03					
2,4-Dimethylphenol	3.6E-17					3.4E-07	1.4E-05	4.2E-08	4.5E-06		
2-Chlorophenol	1.8E-18					6.8E-08	2.9E-06	8.5E-09	9.8E-07		
2-Methylphenol	7.5E-16					8.0E-07	3.3E-05	9.9E-08	1.1E-05		
2-Nitrophenol	4.6E-18					1.1E-07	4.5E-06	1.3E-08	1.5E-06		
3-Methylphenol & 4-Methylphenol				5.3E-14	2.2E-12	1.4E-06	6.0E-05	1.8E-07	2.0E-05	2.6E-15	2.4E-13
4-Nitrophenol	9.3E-18					1.8E-07	6.9E-06	2.2E-08	2.3E-06		
Acetophenone	5.6E-17					1.7E-06	7.0E-05	2.1E-07	2.3E-05		
Benzoic acid	2.3E-16					7.7E-06	3.2E-04	9.6E-07	1.1E-04		
Benzyl alcohol	1.4E-19					6.4E-08	1.9E-06	8.0E-09	6.5E-07		
bis(2-Ethylhexyl) phthalate	7.0E-15	9.6E-14	1.7E-12	1.1E-13	4.1E-12	2.7E-06	1.1E-04	3.4E-07	3.5E-05	5.6E-15	4.4E-13
Butyl benzyl phthalate	2.5E-15	4.7E-17	9.5E-16	5.5E-17	2.2E-15	8.5E-08	3.5E-06	1.1E-08	1.2E-06	2.7E-18	2.4E-16
Carbazole				2.0E-16	3.7E-15	2.4E-09	4.3E-08	3.0E-10	1.4E-08	9.8E-18	4.0E-16
Dibenzofuran		2.1E-18	4.1E-17	8.1E-18	3.2E-16	1.4E-07	5.6E-06	1.7E-08	1.9E-06	3.5E-15	3.0E-13
Dimethyl phthalate	9.2E-19					4.8E-09	8.5E-08	5.9E-10	2.8E-08		
Di-n-butyl phthalate	2.4E-14	4.6E-17	9.5E-16	5.5E-17	2.3E-15	1.3E-07	5.4E-06	1.6E-08	1.8E-06	2.7E-18	2.4E-16

Table H-221 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.8E-19	1.3E-16	1.2E-15	1.6E-16	2.9E-15	9.2E-09	1.6E-07	1.1E-09	5.5E-08	7.8E-18	3.2E-16
Hexachlorobutadiene	9.6E-17					6.3E-07	1.1E-05	7.9E-08	3.8E-06		
Isopropanol						2.9E-02					
Phenol	2.1E-15					4.3E-06	1.8E-04	5.4E-07	5.9E-05		
Pyridine	1.1E-16					4.1E-07	1.7E-05	5.1E-08	5.7E-06		
TRS											
Total Reduced Sulfur						4.2E-06	1.8E-04	5.2E-07	6.0E-05		
VOCs											
1,1,1,2-Tetrachloroethane	3.8E-20					1.9E-09	6.5E-08	2.4E-10	2.2E-08		
1,1,1-Trichloroethane	2.5E-21					1.9E-09	7.1E-08	2.4E-10	2.4E-08		
1,1-Dichloroethene	8.5E-23					3.7E-10	6.6E-09	4.6E-11	2.2E-09		
1,2,3-Trichlorobenzene	2.7E-18					7.6E-09	2.8E-07	9.5E-10	9.4E-08		
1,2,3-Trichloropropane	1.5E-20					1.5E-09	2.8E-08	1.9E-10	9.2E-09		
1,2,4-Trimethylbenzene						8.9E-08	2.8E-06	1.1E-08	9.4E-07		
1,2-Dibromoethane	5.3E-21					9.9E-10	1.8E-08	1.2E-10	5.9E-09		
1,2-Dichloroethane	1.7E-19					4.0E-08	1.5E-06	1.4E-05	5.0E-07		
1,3,5-Trimethylbenzene	8.6E-19					8.4E-08	2.5E-06	1.0E-08	8.3E-07		
1,3-Dichloropropane						9.6E-10	1.7E-08	1.2E-10	5.7E-09		
2-Butanone	3.5E-17					4.7E-07	1.9E-05	5.9E-08	6.2E-06		
2-Chlorotoluene						2.1E-08	8.7E-07	2.6E-09	2.9E-07		
2-Hexanone						9.7E-08	3.5E-06	1.2E-08	1.2E-06		
Benzene	2.8E-17					9.1E-04	4.9E-04	1.4E-04	1.6E-04		
Bromobenzene						5.3E-07	9.5E-06	6.6E-08	3.2E-06		
Bromochloromethane						1.3E-09	2.2E-08	1.6E-10	7.5E-09		

Table H-221 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	4.5E-21					1.4E-09	2.4E-08	1.7E-10	8.1E-09		
Bromomethane	1.9E-20					5.4E-08	1.6E-06	6.8E-09	5.5E-07		
Carbon disulfide	1.8E-20					4.8E-08	1.4E-06	6.0E-09	4.7E-07		
Carbon tetrachloride	1.9E-21					1.9E-03	5.6E-08	2.2E-04	1.9E-08		
Chlorobenzene	6.7E-19					6.9E-08	2.5E-06	8.6E-09	8.2E-07		
Chlorodibromomethane	2.6E-19					3.4E-08	6.0E-07	4.2E-09	2.0E-07		
Chloroethane	5.3E-20					1.3E-07	4.5E-06	1.6E-08	1.5E-06		
Chloroform	4.0E-20					6.2E-04	5.5E-07	3.4E-05	1.8E-07		
Chloromethane	1.4E-19					4.4E-07	1.3E-05	5.5E-08	4.5E-06		
cis-1,2-Dichloroethene	5.4E-20					5.7E-08	1.0E-06	7.1E-09	3.4E-07		
cis-1,3-Dichloropropene						3.5E-10	6.2E-09	4.3E-11	2.1E-09		
Dibromomethane	6.0E-21					2.9E-09	5.2E-08	3.6E-10	1.7E-08		
Dichlorodifluoromethane	6.7E-23					3.6E-09	6.3E-08	4.4E-10	2.1E-08		
Ethylbenzene	2.1E-17					5.2E-04	1.1E-04	3.5E-07	3.5E-05		
Isopropylbenzene	2.8E-20					2.3E-07	7.7E-06	2.8E-08	2.6E-06		
m&p-Xylene	3.4E-18					5.2E-07	1.8E-05	6.5E-08	5.9E-06		
Methyl Isobutyl Ketone (4-methyl-2-per	3.4E-20					5.1E-09	9.1E-08	6.4E-10	3.0E-08		
Methylene chloride	3.7E-19					2.6E-07	9.5E-06	3.2E-08	3.2E-06		
n-Butylbenzene						1.1E-07	3.3E-06	1.4E-08	1.1E-06		
n-Propylbenzene						1.3E-07	4.4E-06	1.7E-08	1.5E-06		
o-Xylene	4.0E-18					3.3E-07	1.1E-05	4.1E-08	3.6E-06		
p-Chlorotoluene						7.9E-09	2.4E-07	9.9E-10	8.0E-08		
p-Isopropyltoluene						5.5E-08	1.3E-06	6.9E-09	4.4E-07		
sec-Butylbenzene						2.0E-08	6.2E-07	2.5E-09	2.1E-07		

Table H-221 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Styrene	1.3E-16					7.3E-06	2.7E-04	9.1E-07	8.9E-05		
tert-Butylbenzene						6.5E-07	1.2E-05	8.2E-08	3.9E-06		
Tetrachloroethene	9.4E-21					1.7E-09	6.0E-08	2.2E-10	2.0E-08		
Toluene	2.2E-17					4.5E-06	1.8E-04	5.6E-07	5.9E-05		
trans-1,2-Dichloroethene	8.4E-19					1.2E-06	2.2E-05	1.5E-07	7.2E-06		
trans-1,3-Dichloropropene						6.0E-10	1.1E-08	7.5E-11	3.6E-09		
Trichloroethene	9.7E-23					1.4E-04	1.9E-09	1.3E-11	6.2E-10		
Trichlorofluoromethane	1.5E-22					1.2E-09	2.2E-08	1.6E-10	7.4E-09		
Vinyl chloride	6.9E-21					2.0E-04	1.7E-06	8.8E-09	5.7E-07		

Table H-222 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	3.0E-05	1.0E-07	9.9E-06		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	5.2E-05	1.8E-07	1.7E-05		
Formaldehyde	4.5E-13					6.2E-07	2.0E-05	7.7E-08	6.8E-06		
Propionaldehyde				2.2E-15	7.2E-14	1.6E-07	5.8E-06	2.0E-08	1.9E-06	1.7E-14	1.2E-12
CO											
Carbon monoxide						4.5E-05	1.7E-03	5.6E-06	5.6E-04		
CO2											
Carbon dioxide						1.4E-06	5.0E-05	1.8E-07	1.7E-05		
Criteria											
Sulfur Dioxide						3.8E-07	1.2E-05	4.7E-08	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	4.0E-14	8.5E-15	3.2E-13	8.5E-13	3.4E-11	1.1E-13	1.1E-11	4.2E-19	3.4E-17
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	4.1E-14	8.6E-15	3.2E-13	8.6E-13	3.4E-11	1.1E-13	1.1E-11	4.2E-19	3.5E-17
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	4.9E-15	9.9E-16	3.9E-14	1.1E-13	4.4E-12	1.4E-14	1.5E-12	4.8E-20	4.2E-18
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	4.7E-15	9.7E-16	3.7E-14	1.0E-13	4.1E-12	1.3E-14	1.4E-12	4.7E-20	4.0E-18
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	3.8E-14	7.7E-15	3.0E-13	8.3E-13	3.3E-11	1.0E-13	1.1E-11	3.8E-19	3.2E-17
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	9.7E-15	2.0E-15	7.7E-14	2.1E-13	8.7E-12	2.7E-14	2.9E-12	9.7E-20	8.3E-18
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	1.2E-14	2.5E-15	9.8E-14	2.7E-13	1.1E-11	3.4E-14	3.6E-12	1.2E-19	1.1E-17
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.5E-14	3.1E-15	1.2E-13	3.2E-13	1.3E-11	4.1E-14	4.4E-12	1.5E-19	1.3E-17
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	8.9E-16	1.8E-16	7.1E-15	2.1E-14	8.4E-13	2.6E-15	2.8E-13	8.8E-21	7.6E-19
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	5.4E-15	1.1E-15	4.3E-14	1.3E-13	5.3E-12	1.6E-14	1.8E-12	5.4E-20	4.6E-18
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	6.4E-15	1.3E-15	5.1E-14	1.8E-13	7.5E-12	2.3E-14	2.5E-12	6.3E-20	5.5E-18

Table H-222 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.9E-14	3.9E-15	1.5E-13	4.2E-13	1.7E-11	5.2E-14	5.6E-12	1.9E-19	1.6E-17
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.5E-14	3.1E-15	1.2E-13	4.1E-13	1.7E-11	5.2E-14	5.6E-12	1.5E-19	1.3E-17
2,3,7,8-TCDD	2.7E-18	5.5E-17	8.0E-16	2.2E-16	6.3E-15	5.2E-14	1.7E-12	6.5E-15	5.8E-13	7.4E-18	4.7E-16
2,3,7,8-TCDF	8.2E-18	1.0E-16	2.0E-15	4.0E-16	1.6E-14	1.9E-13	7.8E-12	2.4E-14	2.6E-12	2.0E-20	1.7E-18
OCDD	2.5E-20	1.5E-15	2.7E-14	5.8E-15	2.1E-13	5.6E-13	2.2E-11	7.0E-14	7.4E-12	2.8E-19	2.3E-17
OCDF	9.3E-21	5.7E-16	1.0E-14	2.2E-15	8.0E-14	2.1E-13	8.2E-12	2.6E-14	2.7E-12	1.1E-19	8.6E-18
HCN											
Hydrogen cyanide						1.6E-07	6.2E-06	2.0E-08	2.1E-06		
Metals											
Aluminum				1.1E-02						5.3E-07	
Antimony	1.6E-17			2.6E-07		1.0E-08	2.6E-07	1.3E-09	8.6E-08	1.3E-11	
Arsenic	8.1E-16	6.0E-07	4.8E-17	1.4E-06	2.3E-16	5.9E-10	2.1E-08	7.4E-11	7.0E-09	1.2E-10	4.1E-20
Barium	2.7E-12			4.4E-09	1.5E-07	1.3E-07	3.4E-06	1.6E-08	1.1E-06	2.1E-13	1.6E-11
Beryllium	3.3E-17			1.0E-15	3.9E-14	4.3E-11	1.5E-09	5.4E-12	4.8E-10	5.1E-20	4.3E-18
Cadmium	8.3E-15			8.2E-16	3.1E-14	7.6E-10	2.6E-08	9.5E-11	8.8E-09	4.0E-20	3.4E-18
Chromium	2.8E-15			9.6E-11	3.7E-09	6.5E-09	2.3E-07	8.1E-10	7.7E-08	4.7E-15	4.0E-13
Cobalt				3.1E-05	1.4E-08	9.8E-09	1.8E-07	1.2E-09	6.0E-08	1.5E-09	1.5E-12
Copper				4.5E-10	1.7E-08	1.8E-08	6.1E-07	2.2E-09	2.0E-07	2.2E-14	1.8E-12
Iron				2.5E-02						1.2E-06	
Lead	6.9E-18			9.0E-05	3.8E-12	6.0E-09	2.0E-07	7.5E-10	6.5E-08	4.4E-09	4.1E-16
Manganese				8.0E-13	3.1E-11	5.5E-09	1.9E-07	6.8E-10	6.3E-08	3.9E-17	3.3E-15
Mercury (+2)				6.4E-14	2.0E-12	2.4E-11	8.3E-10	2.9E-12	2.8E-10	3.1E-18	2.1E-16
Mercury, elemental				9.8E-07		9.8E-14	3.5E-12	1.2E-14	1.2E-12	1.9E-06	
Methyl Mercury	1.3E-14			3.8E-15	1.5E-13					1.9E-19	1.6E-17

Table H-222 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.8E-04	1.6E-13	3.5E-09	1.2E-07	4.3E-10	4.0E-08	2.9E-08	1.7E-17
Phosphorus				7.5E-15	2.8E-13	2.6E-08	8.6E-07	3.3E-09	2.9E-07	7.2E-14	5.9E-12
Selenium	2.8E-16			4.0E-17	1.6E-15	1.7E-10	6.1E-09	2.2E-11	2.0E-09	2.0E-21	1.7E-19
Silver	2.1E-16			8.5E-13	3.2E-11	1.1E-10	3.7E-09	1.4E-11	1.2E-09	4.2E-17	3.4E-15
Thallium (Soluble Salts)				2.7E-07						1.3E-11	
Titanium				8.0E-15	3.2E-13	6.1E-11	2.3E-09	7.6E-12	7.6E-10	3.9E-19	3.5E-17
Zinc	4.1E-12			1.8E-13	6.5E-12	1.4E-07	3.9E-06	1.7E-08	1.3E-06	9.0E-18	7.0E-16
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	5.2E-05	2.0E-07	1.7E-05		
PAHs											
1-Methylnaphthalene		2.4E-16	4.9E-15	2.2E-16	8.9E-15	3.3E-08	1.4E-06	4.1E-09	4.6E-07	2.5E-16	2.2E-14
1-Methylphenanthrene				1.5E-13	6.0E-12	3.9E-09	1.7E-07	4.9E-10	5.5E-08	7.1E-18	6.5E-16
2,3,5-Trimethylnaphthalene				6.8E-14	3.0E-12	1.9E-09	8.4E-08	2.4E-10	2.8E-08	3.3E-18	3.2E-16
2,6-Dimethylnaphthalene				1.9E-13	7.9E-12	5.1E-09	2.2E-07	6.4E-10	7.3E-08	9.1E-18	8.5E-16
2-Methylnaphthalene		2.3E-16	4.7E-15	2.1E-16	8.6E-15	3.2E-08	1.3E-06	4.0E-09	4.4E-07	2.4E-16	2.2E-14
Acenaphthylene				6.0E-13	2.5E-11	1.9E-08	8.0E-07	2.4E-09	2.7E-07	2.9E-17	2.7E-15
Acenaphthene	3.4E-15					3.5E-09	1.4E-07	4.3E-10	4.8E-08		
Anthracene	4.3E-14					6.1E-09	2.6E-07	7.6E-10	8.6E-08		
Benzo(a)anthracene	6.2E-12	9.0E-08	4.4E-11	8.1E-08	8.0E-11	3.0E-09	1.3E-07	3.7E-10	4.3E-08	1.2E-09	2.7E-12
Benzo(a)pyrene	3.1E-12	8.5E-08	1.8E-11	7.7E-08	3.3E-11	1.2E-09	4.9E-08	1.5E-10	1.6E-08	3.8E-12	3.6E-15
Benzo(b)fluoranthene	8.3E-13	1.3E-07	1.0E-12	1.2E-07	1.8E-12	1.3E-09	5.3E-08	1.6E-10	1.8E-08	5.9E-12	2.0E-16
Benzo(e)pyrene				3.4E-14	1.3E-12	1.0E-09	4.1E-08	1.3E-10	1.4E-08	1.7E-18	1.4E-16
Benzo(g,h,i)perylene				2.5E-14	1.0E-12	7.7E-10	3.2E-08	9.6E-11	1.1E-08	1.2E-18	1.1E-16
Benzo(k)fluoranthene	7.9E-15	7.1E-08	7.3E-13	6.4E-08	1.3E-12	1.2E-11	2.1E-10	1.5E-12	6.9E-11	3.1E-12	1.4E-16

Table H-222 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	1.4E-13	1.1E-07	4.7E-06	1.4E-08	1.6E-06	2.0E-15	1.8E-13
Chrysene	1.1E-12	1.1E-07	5.6E-11	1.0E-07	1.0E-10	5.1E-09	2.1E-07	6.4E-10	7.1E-08	5.0E-12	1.1E-14
Dibenze(a,h)anthracene	1.6E-13	2.0E-08	6.8E-12	1.8E-08	1.2E-11	1.9E-10	7.6E-09	2.3E-11	2.5E-09	8.8E-13	1.3E-15
Fluoranthene	2.8E-13	6.8E-14	1.4E-12	6.1E-14	2.5E-12	7.5E-09	3.1E-07	9.4E-10	1.0E-07	3.0E-18	2.7E-16
Fluorene	6.1E-14					1.9E-08	7.9E-07	2.3E-09	2.6E-07		
Indeno(1,2,3-cd)pyrene	4.0E-13	5.7E-08	1.8E-11	5.1E-08	3.3E-11	6.2E-10	2.5E-08	7.7E-11	8.5E-09	2.5E-12	3.6E-15
Napthalene	2.8E-14					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Perylene				1.3E-14	6.2E-13	4.6E-10	2.0E-08	5.8E-11	6.8E-09	6.5E-19	6.6E-17
Phenanthrene	2.9E-13					3.5E-08	1.5E-06	4.4E-09	4.8E-07		
Pyrene	2.0E-13	2.8E-13	5.7E-12	2.5E-13	1.0E-11	7.3E-09	3.0E-07	9.1E-10	1.0E-07	7.1E-15	6.4E-13
Particulate											
Particulate Total Suspended Particulate				3.0E-09	1.2E-07	2.3E-05	9.0E-04	2.9E-06	3.0E-04	1.5E-13	1.3E-11
PM<10				3.8E-09	1.6E-07	3.1E-05	1.2E-03	3.9E-06	4.0E-04	1.9E-13	1.7E-11
PM<2.5				3.2E-09	1.3E-07	2.6E-05	1.0E-03	3.3E-06	3.5E-04	1.6E-13	1.4E-11
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	2.0E-14	8.3E-16	3.3E-14	9.3E-11	3.8E-09	1.2E-11	1.3E-09	7.8E-17	6.8E-15
Heptachlorobiphenyl	2.3E-16	1.2E-16	2.2E-15	9.8E-17	3.8E-15	1.3E-12	5.1E-11	1.6E-13	1.7E-11	5.0E-18	4.2E-16
Hexachlorobiphenyl	9.4E-16	5.2E-16	9.4E-15	4.4E-16	1.6E-14	5.3E-12	2.1E-10	6.7E-13	6.9E-11	2.3E-17	1.8E-15
Monochlorobiphenyl	4.3E-14	6.9E-15	1.4E-13	5.8E-15	2.3E-13	6.5E-10	2.7E-08	8.1E-11	8.9E-09	5.4E-16	4.7E-14
Nonachlorobiphenyl	2.9E-17	2.0E-17	3.2E-16	1.7E-17	5.4E-16	1.8E-13	6.4E-12	2.2E-14	2.1E-12	8.8E-19	6.0E-17
Octachlorobiphenyl	6.9E-17	3.8E-17	6.9E-16	3.2E-17	1.2E-15	3.9E-13	1.5E-11	4.9E-14	5.1E-12	1.6E-18	1.3E-16
Pentachlorobiphenyl	3.1E-15	1.9E-15	3.2E-14	1.6E-15	5.5E-14	1.8E-11	6.9E-10	2.3E-12	2.3E-10	8.1E-17	6.1E-15
Tetrachlorobiphenyl	1.8E-15	3.8E-16	6.4E-15	3.2E-16	1.1E-14	3.0E-11	1.1E-09	3.8E-12	3.8E-10	3.0E-17	2.2E-15
Trichlorobiphenyl	2.4E-15	4.5E-16	8.1E-15	3.8E-16	1.4E-14	3.8E-11	1.5E-09	4.8E-12	4.9E-10	3.6E-17	2.8E-15

Table H-222 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				9.0E-08						2.9E-09	
Dieldrin		4.7E-10		5.6E-10						2.7E-14	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	8.7E-09	3.4E-11	2.9E-09		
1,2-dichlorobenzene	2.8E-18					1.1E-10	1.9E-09	1.4E-11	6.5E-10		
1,3-dichlorobenzene	6.9E-18					1.6E-10	5.5E-09	2.0E-11	1.8E-09		
1,4-dichlorobenzene	9.2E-17					1.5E-09	6.8E-08	1.9E-10	2.3E-08		
1,4-Dioxane						1.3E-04					
2,4-Dimethylphenol	2.5E-15					2.4E-08	9.5E-07	3.0E-09	3.2E-07		
2-Chlorophenol	1.3E-16					4.7E-09	2.1E-07	5.9E-10	6.9E-08		
2-Methylphenol	5.3E-14					5.6E-08	2.3E-06	7.0E-09	7.8E-07		
2-Nitrophenol	3.2E-16					7.6E-09	3.1E-07	9.4E-10	1.0E-07		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.5E-10	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.8E-16	1.7E-14
4-Nitrophenol	6.5E-16					1.3E-08	4.8E-07	1.6E-09	1.6E-07		
Acetophenone	3.9E-15					1.2E-07	4.9E-06	1.5E-08	1.6E-06		
Benzoic acid	1.6E-14					5.4E-07	2.2E-05	6.7E-08	7.5E-06		
Benzyl alcohol	9.8E-18					4.5E-09	1.4E-07	5.6E-10	4.5E-08		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	1.2E-10	8.0E-12	2.9E-10	1.9E-07	7.4E-06	2.4E-08	2.5E-06	3.9E-16	3.1E-14
Butyl benzyl phthalate	1.8E-13	3.3E-15	6.6E-14	3.8E-15	1.6E-13	6.0E-09	2.5E-07	7.5E-10	8.3E-08	1.9E-19	1.7E-17
Carbazole				1.4E-14	2.6E-13	1.7E-10	3.0E-09	2.1E-11	1.0E-09	6.9E-19	2.8E-17
Dibenzofuran		1.4E-16	2.9E-15	5.7E-16	2.3E-14	9.5E-09	3.9E-07	1.2E-09	1.3E-07	2.4E-16	2.1E-14
Dimethyl phthalate	6.5E-17					3.3E-10	5.9E-09	4.2E-11	2.0E-09		
Di-n-butyl phthalate	1.7E-12	3.3E-15	6.7E-14	3.9E-15	1.6E-13	9.2E-09	3.8E-07	1.1E-09	1.3E-07	1.9E-19	1.7E-17

Table H-222 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	8.7E-14	1.1E-14	2.1E-13	6.4E-10	1.1E-08	8.0E-11	3.8E-09	5.5E-19	2.2E-17
Hexachlorobutadiene	6.7E-15					4.4E-08	7.9E-07	5.5E-09	2.6E-07		
Isopropanol						2.0E-03					
Phenol	1.5E-13					3.0E-07	1.2E-05	3.8E-08	4.2E-06		
Pyridine	7.7E-15					2.9E-08	1.2E-06	3.6E-09	4.0E-07		
TRS											
Total Reduced Sulfur						2.9E-07	1.3E-05	3.6E-08	4.2E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	4.6E-09	1.7E-11	1.5E-09		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	5.0E-09	1.7E-11	1.7E-09		
1,1-Dichloroethene	6.0E-21					2.6E-11	4.6E-10	3.2E-12	1.5E-10		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	2.0E-08	6.7E-11	6.6E-09		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	1.9E-09	1.4E-11	6.4E-10		
1,2,4-Trimethylbenzene						6.2E-09	2.0E-07	7.8E-10	6.6E-08		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.2E-09	8.6E-12	4.1E-10		
1,2-Dichloroethane	1.2E-17					2.8E-09	1.0E-07	1.0E-06	3.5E-08		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.7E-07	7.3E-10	5.8E-08		
1,3-Dichloropropane						6.7E-11	1.2E-09	8.4E-12	4.0E-10		
2-Butanone	2.4E-15					3.3E-08	1.3E-06	4.1E-09	4.4E-07		
2-Chlorotoluene						1.5E-09	6.1E-08	1.8E-10	2.0E-08		
2-Hexanone						6.8E-09	2.5E-07	8.4E-10	8.2E-08		
Benzene	2.0E-15					6.4E-05	3.4E-05	9.7E-06	1.1E-05		
Bromobenzene						3.7E-08	6.6E-07	4.7E-09	2.2E-07		
Bromochloromethane						8.8E-11	1.6E-09	1.1E-11	5.2E-10		

Table H-222 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	3.1E-19					9.5E-11	1.7E-09	1.2E-11	5.7E-10		
Bromomethane	1.3E-18					3.8E-09	1.1E-07	4.8E-10	3.8E-08		
Carbon disulfide	1.3E-18					3.3E-09	9.8E-08	4.2E-10	3.3E-08		
Carbon tetrachloride	1.3E-19					1.3E-04	3.9E-09	1.5E-05	1.3E-09		
Chlorobenzene	4.7E-17					4.8E-09	1.7E-07	6.0E-10	5.7E-08		
Chlorodibromomethane	1.8E-17					2.4E-09	4.2E-08	3.0E-10	1.4E-08		
Chloroethane	3.7E-18					9.1E-09	3.2E-07	1.1E-09	1.1E-07		
Chloroform	2.8E-18					4.3E-05	3.8E-08	2.4E-06	1.3E-08		
Chloromethane	9.8E-18					3.1E-08	9.4E-07	3.9E-09	3.1E-07		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	7.1E-08	5.0E-10	2.4E-08		
cis-1,3-Dichloropropene						2.4E-11	4.3E-10	3.0E-12	1.4E-10		
Dibromomethane	4.2E-19					2.0E-10	3.6E-09	2.5E-11	1.2E-09		
Dichlorodifluoromethane	4.7E-21					2.5E-10	4.4E-09	3.1E-11	1.5E-09		
Ethylbenzene	1.5E-15					3.7E-05	7.4E-06	2.4E-08	2.5E-06		
Isopropylbenzene	2.0E-18					1.6E-08	5.4E-07	2.0E-09	1.8E-07		
m&p-Xylene	2.4E-16					3.6E-08	1.2E-06	4.6E-09	4.1E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	6.4E-09	4.5E-11	2.1E-09		
Methylene chloride	2.6E-17					1.8E-08	6.6E-07	2.3E-09	2.2E-07		
n-Butylbenzene						7.8E-09	2.3E-07	9.7E-10	7.7E-08		
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07		
o-Xylene	2.8E-16					2.3E-08	7.6E-07	2.9E-09	2.5E-07		
p-Chlorotoluene						5.5E-10	1.7E-08	6.9E-11	5.6E-09		
p-Isopropyltoluene						3.8E-09	9.2E-08	4.8E-10	3.1E-08		
sec-Butylbenzene						1.4E-09	4.3E-08	1.8E-10	1.4E-08		

Table H-222 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Styrene	9.4E-15					5.1E-07	1.9E-05	6.4E-08	6.2E-06		
tert-Butylbenzene						4.6E-08	8.1E-07	5.7E-09	2.7E-07		
Tetrachloroethene	6.6E-19					1.2E-10	4.2E-09	1.5E-11	1.4E-09		
Toluene	1.6E-15					3.2E-07	1.2E-05	3.9E-08	4.1E-06		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	1.5E-06	1.1E-08	5.0E-07		
trans-1,3-Dichloropropene						4.2E-11	7.5E-10	5.3E-12	2.5E-10		
Trichloroethene	6.8E-21					1.0E-05	1.3E-10	9.1E-13	4.3E-11		
Trichlorofluoromethane	1.0E-20					8.7E-11	1.6E-09	1.1E-11	5.2E-10		
Vinyl chloride	4.8E-19					1.4E-05	1.2E-07	6.2E-10	4.0E-08		

Table H-223 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			1.2E-05	1.5E-06	
Aldehydes					
Acetaldehyde			2.1E-05	2.6E-06	
Formaldehyde			6.8E-02	1.1E-06	
Propionaldehyde		3.2E-17	2.3E-06	2.8E-07	2.4E-13
CO					
Carbon monoxide			6.4E-04	8.0E-05	
CO2					
Carbon dioxide			2.0E-05	2.5E-06	
Criteria					
Sulfur Dioxide			5.4E-06	6.8E-07	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	1.8E-17	7.0E-17	1.2E-11	1.5E-12	3.4E-18
1,2,3,4,6,7,8-HpCDF	1.8E-17	7.1E-17	1.2E-11	1.5E-12	3.5E-18
1,2,3,4,7,8,9-HpCDF	2.1E-18	8.1E-18	1.6E-12	1.9E-13	4.0E-19
1,2,3,4,7,8-HxCDD	2.0E-18	7.9E-18	1.5E-12	1.8E-13	3.9E-19
1,2,3,4,7,8-HxCDF	1.6E-17	6.3E-17	1.2E-11	1.5E-12	3.1E-18
1,2,3,6,7,8-HxCDD	4.1E-18	1.6E-17	3.1E-12	3.8E-13	7.9E-19
1,2,3,6,7,8-HxCDF	5.2E-18	2.1E-17	3.8E-12	4.8E-13	1.0E-18
1,2,3,7,8,9-HxCDD	6.5E-18	2.6E-17	4.6E-12	5.8E-13	1.3E-18
1,2,3,7,8,9-HxCDF	3.7E-19	1.5E-18	2.9E-13	3.7E-14	7.2E-20

Table H-223 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	2.3E-18	9.0E-18	1.8E-12	2.3E-13	4.4E-19
1,2,3,7,8-PeCDF	2.7E-18	1.1E-17	2.6E-12	3.3E-13	5.2E-19
2,3,4,6,7,8-HxCDF	8.2E-18	3.2E-17	5.9E-12	7.4E-13	1.6E-18
2,3,4,7,8-PeCDF	6.4E-18	2.5E-17	5.9E-12	7.4E-13	1.2E-18
2,3,7,8-TCDD	4.6E-19	1.8E-18	7.4E-13	9.3E-14	6.2E-17
2,3,7,8-TCDF	8.4E-19	3.3E-18	2.7E-12	3.4E-13	1.6E-19
OCDD	1.2E-17	4.7E-17	8.0E-12	1.0E-12	2.3E-18
OCDF	4.6E-18	1.8E-17	3.0E-12	3.8E-13	9.0E-19
HCN					
Hydrogen cyanide			2.3E-06	2.8E-07	
Metals					
Aluminum		1.7E-04			8.1E-06
Antimony		1.1E-08	1.5E-07	1.9E-08	5.4E-10
Arsenic	3.9E-08	9.2E-08	8.5E-09	1.1E-09	7.5E-09
Barium		3.9E-11	1.8E-06	2.2E-07	1.9E-12
Beryllium		1.5E-17	6.1E-10	7.7E-11	7.3E-19
Cadmium		1.2E-17	1.1E-08	1.4E-09	5.7E-19
Chromium		1.0E-12	9.2E-08	1.2E-08	5.0E-14
Cobalt		4.6E-07	1.4E-07	1.8E-08	2.3E-08
Copper		4.2E-12	2.5E-07	3.2E-08	2.0E-13
Iron		3.9E-04			1.9E-05
Lead		1.6E-06	8.5E-08	1.1E-08	7.8E-08

Table H-223 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		1.1E-14	7.8E-08	9.7E-09	5.6E-16
Mercury (+2)		4.6E-16	3.4E-10	4.2E-11	2.2E-17
Mercury, elemental		3.9E-10	1.4E-12	1.8E-13	7.4E-07
Methyl Mercury		2.7E-17			1.3E-18
Nickel		8.0E-06	5.0E-08	6.2E-09	3.9E-07
Phosphorus		1.1E-16	3.8E-07	4.7E-08	1.0E-12
Selenium		5.8E-19	2.5E-09	3.1E-10	2.8E-20
Silver		1.1E-14	1.6E-09	2.0E-10	5.2E-16
Thallium (Soluble Salts)		1.2E-09			5.7E-11
Titanium		1.1E-16	8.7E-10	1.1E-10	5.6E-18
Zinc		2.6E-15	2.0E-06	2.4E-07	1.3E-16
NOx					
NOx (Oxides of Nitrogen)			2.2E-05	2.8E-06	
PAHs					
1-Methylnaphthalene	3.4E-18	3.1E-18	4.7E-07	5.9E-08	3.5E-15
1-Methylphenanthrene		2.1E-15	5.6E-08	7.0E-09	1.0E-16
2,3,5-Trimethylnaphthalene		9.7E-16	2.8E-08	3.5E-09	4.8E-17
2,6-Dimethylnaphthalene		2.7E-15	7.4E-08	9.2E-09	1.3E-16
2-Methylnaphthalene	3.3E-18	3.0E-18	4.6E-07	5.7E-08	3.4E-15
Acenaphthylene		8.5E-15	2.7E-07	3.4E-08	4.2E-16
Acenaphthene			4.9E-08	6.2E-09	
Anthracene			8.7E-08	1.1E-08	

Table H-223 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)anthracene	2.4E-09	2.1E-09	4.3E-08	5.3E-09	3.2E-08
Benzo(a)pyrene	2.4E-09	2.2E-09	1.7E-08	2.1E-09	1.1E-10
Benzo(b)fluoranthene	4.3E-09	3.9E-09	1.9E-08	2.3E-09	1.9E-10
Benzo(e)pyrene		4.9E-16	1.4E-08	1.8E-09	2.4E-17
Benzo(g,h,i)perylene		3.6E-16	1.1E-08	1.4E-09	1.8E-17
Benzo(k)fluoranthene	1.7E-09	1.6E-09	1.7E-10	2.1E-11	7.8E-11
Biphenyl		4.8E-17	1.6E-06	2.0E-07	2.8E-14
Chrysene	3.4E-09	3.1E-09	7.3E-08	9.1E-09	1.5E-10
Dibenzo(a,h)anthracene	4.3E-15	3.9E-15	2.7E-09	3.3E-10	1.9E-16
Fluoranthene	9.1E-16	8.3E-16	1.1E-07	1.3E-08	4.0E-17
Fluorene			2.7E-07	3.3E-08	
Indeno(1,2,3-cd)pyrene	1.3E-09	1.2E-09	8.8E-09	1.1E-09	6.0E-11
Napthalene			2.1E-06	2.7E-07	
Perylene		1.9E-16	6.6E-09	8.2E-10	9.2E-18
Phenanthrene			5.0E-07	6.3E-08	
Pyrene	3.1E-15	2.8E-15	1.0E-07	1.3E-08	7.8E-14
Particulate					
Particulate Total Suspended Particulate		4.3E-11	3.3E-04	4.2E-05	2.1E-12
PM<10		5.5E-11	4.4E-04	5.5E-05	2.7E-12
PM<2.5		4.5E-11	3.8E-04	4.7E-05	2.2E-12
PCBs					
Dichlorobiphenyl	8.2E-18	7.0E-18	1.3E-09	1.7E-10	6.5E-16

Table H-223 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Heptachlorobiphenyl	9.5E-19	8.1E-19	1.8E-11	2.3E-12	4.1E-17
Hexachlorobiphenyl	4.3E-18	3.6E-18	7.6E-11	9.5E-12	1.9E-16
Monochlorobiphenyl	5.7E-17	4.8E-17	9.2E-09	1.2E-09	4.5E-15
Nonachlorobiphenyl	1.7E-19	1.4E-19	2.6E-12	3.2E-13	7.2E-18
Octachlorobiphenyl	3.1E-19	2.6E-19	5.5E-12	6.9E-13	1.3E-17
Pentachlorobiphenyl	1.6E-17	1.3E-17	2.6E-10	3.3E-11	6.7E-16
Tetrachlorobiphenyl	3.1E-18	2.7E-18	4.3E-10	5.4E-11	2.5E-16
Trichlorobiphenyl	3.8E-18	3.2E-18	5.5E-10	6.8E-11	3.0E-16
Pesticides					
DDE		9.8E-08			3.1E-06
Dieldrin	3.8E-10	4.5E-10			2.2E-11
SVOCs					
1,2,4-trichlorobenzene			3.9E-09	4.8E-10	
1,2-dichlorobenzene			1.6E-09	1.9E-10	
1,3-dichlorobenzene			2.3E-09	2.9E-10	
1,4-dichlorobenzene			2.2E-08	2.7E-09	
2,4-Dimethylphenol			3.4E-07	4.2E-08	
2-Chlorophenol			6.8E-08	8.5E-09	
2-Methylphenol			8.0E-07	9.9E-08	
2-Nitrophenol			1.1E-07	1.3E-08	
3-Methylphenol & 4-Methylphenol		5.3E-14	1.4E-06	1.8E-07	2.6E-15
4-Nitrophenol			1.8E-07	2.2E-08	

Table H-223 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			1.7E-06	2.1E-07	
Benzoic acid			7.7E-06	9.6E-07	
Benzyl alcohol			6.4E-08	8.0E-09	
bis(2-Ethylhexyl) phthalate	9.6E-14	1.1E-13	2.7E-06	3.4E-07	5.6E-15
Butyl benzyl phthalate	4.7E-17	5.5E-17	8.5E-08	1.1E-08	2.7E-18
Carbazole		2.0E-16	2.4E-09	3.0E-10	9.8E-18
Dibenzofuran	2.1E-18	8.1E-18	1.4E-07	1.7E-08	3.5E-15
Dimethyl phthalate			4.8E-09	5.9E-10	
Di-n-butyl phthalate	4.6E-17	5.5E-17	1.3E-07	1.6E-08	2.7E-18
Di-n-octyl phthalate	1.3E-16	1.6E-16	9.2E-09	1.1E-09	7.8E-18
Hexachlorobutadiene			6.3E-07	7.9E-08	
Isopropanol			8.5E-02		
Phenol			4.3E-06	5.4E-07	
Pyridine			4.1E-07	5.1E-08	
TRS					
Total Reduced Sulfur			4.2E-06	5.2E-07	
VOCs					
1,1,1,2-Tetrachloroethane			1.9E-09	2.4E-10	
1,1,1-Trichloroethane			1.9E-09	2.4E-10	
1,1-Dichloroethene			3.7E-10	4.6E-11	
1,2,3-Trichlorobenzene			7.6E-09	9.5E-10	
1,2,3-Trichloropropane			1.5E-09	1.9E-10	

Table H-223 (Lifetime Average Daily Dose)

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Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			8.9E-08	1.1E-08	
1,2-Dibromoethane			9.9E-10	1.2E-10	
1,2-Dichloroethane			3.3E-04	1.4E-05	
1,3,5-Trimethylbenzene			8.4E-08	1.0E-08	
1,3-Dichloropropane			9.6E-10	1.2E-10	
2-Butanone			4.7E-07	5.9E-08	
2-Chlorotoluene			2.1E-08	2.6E-09	
2-Hexanone			9.7E-08	1.2E-08	
Benzene			1.2E-02	1.4E-04	
Bromobenzene			5.3E-07	6.6E-08	
Bromochloromethane			1.3E-09	1.6E-10	
Bromodichloromethane			1.4E-09	1.7E-10	
Bromomethane			5.4E-08	6.8E-09	
Carbon disulfide			4.8E-08	6.0E-09	
Carbon tetrachloride			2.2E-03	2.2E-04	
Chlorobenzene			6.9E-08	8.6E-09	
Chlorodibromomethane			3.4E-08	4.2E-09	
Chloroethane			1.3E-07	1.6E-08	
Chloroform			5.2E-04	3.4E-05	
Chloromethane			4.4E-07	5.5E-08	
cis-1,2-Dichloroethene			5.7E-08	7.1E-09	
cis-1,3-Dichloropropene			3.5E-10	4.3E-11	

Table H-223 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			2.9E-09	3.6E-10	
Dichlorodifluoromethane			3.6E-09	4.4E-10	
Ethylbenzene			3.1E-03	3.5E-07	
Isopropylbenzene			2.3E-07	2.8E-08	
m&p-Xylene			5.2E-07	6.5E-08	
Methyl Isobutyl Ketone (4-methyl-2-penta			5.1E-09	6.4E-10	
Methylene chloride			2.6E-07	3.2E-08	
n-Butylbenzene			1.1E-07	1.4E-08	
n-Propylbenzene			1.3E-07	1.7E-08	
o-Xylene			3.3E-07	4.1E-08	
p-Chlorotoluene			7.9E-09	9.9E-10	
p-Isopropyltoluene			5.5E-08	6.9E-09	
sec-Butylbenzene			2.0E-08	2.5E-09	
Styrene			7.3E-06	9.1E-07	
tert-Butylbenzene			6.5E-07	8.2E-08	
Tetrachloroethene			1.7E-09	2.2E-10	
Toluene			4.5E-06	5.6E-07	
trans-1,2-Dichloroethene			1.2E-06	1.5E-07	
trans-1,3-Dichloropropene			6.0E-10	7.5E-11	
Trichloroethene			7.2E-05	1.3E-11	
Trichlorofluoromethane			1.2E-09	1.6E-10	
Vinyl chloride			7.1E-08	8.8E-09	

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Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			8.4E-07	1.0E-07	
Aldehydes					
Acetaldehyde			1.4E-06	1.8E-07	
Formaldehyde			4.8E-03	7.7E-08	
Propionaldehyde		2.2E-15	1.6E-07	2.0E-08	1.7E-14
CO					
Carbon monoxide			4.5E-05	5.6E-06	
CO2					
Carbon dioxide			1.4E-06	1.8E-07	
Criteria					
Sulfur Dioxide			3.8E-07	4.7E-08	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	2.2E-15	8.5E-15	8.5E-13	1.1E-13	4.2E-19
1,2,3,4,6,7,8-HpCDF	2.2E-15	8.6E-15	8.6E-13	1.1E-13	4.2E-19
1,2,3,4,7,8,9-HpCDF	2.5E-16	9.9E-16	1.1E-13	1.4E-14	4.8E-20
1,2,3,4,7,8-HxCDD	2.5E-16	9.7E-16	1.0E-13	1.3E-14	4.7E-20
1,2,3,4,7,8-HxCDF	2.0E-15	7.7E-15	8.3E-13	1.0E-13	3.8E-19
1,2,3,6,7,8-HxCDD	5.0E-16	2.0E-15	2.1E-13	2.7E-14	9.7E-20
1,2,3,6,7,8-HxCDF	6.4E-16	2.5E-15	2.7E-13	3.4E-14	1.2E-19
1,2,3,7,8,9-HxCDD	7.9E-16	3.1E-15	3.2E-13	4.1E-14	1.5E-19
1,2,3,7,8,9-HxCDF	4.6E-17	1.8E-16	2.1E-14	2.6E-15	8.8E-21

Table H-224 (Average Daily Dose)

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Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	2.8E-16	1.1E-15	1.3E-13	1.6E-14	5.4E-20
1,2,3,7,8-PeCDF	3.3E-16	1.3E-15	1.8E-13	2.3E-14	6.3E-20
2,3,4,6,7,8-HxCDF	1.0E-15	3.9E-15	4.2E-13	5.2E-14	1.9E-19
2,3,4,7,8-PeCDF	7.8E-16	3.1E-15	4.1E-13	5.2E-14	1.5E-19
2,3,7,8-TCDD	5.5E-17	2.2E-16	5.2E-14	6.5E-15	7.4E-18
2,3,7,8-TCDF	1.0E-16	4.0E-16	1.9E-13	2.4E-14	2.0E-20
OCDD	1.5E-15	5.8E-15	5.6E-13	7.0E-14	2.8E-19
OCDF	5.7E-16	2.2E-15	2.1E-13	2.6E-14	1.1E-19
HCN					
Hydrogen cyanide			1.6E-07	2.0E-08	
Metals					
Aluminum		1.2E-02			5.7E-07
Antimony		7.7E-07	1.0E-08	1.3E-09	3.8E-11
Arsenic	2.7E-06	6.4E-06	5.9E-10	7.4E-11	5.2E-10
Barium		4.4E-09	1.3E-07	1.6E-08	2.1E-13
Beryllium		1.0E-15	4.3E-11	5.4E-12	5.1E-20
Cadmium		8.2E-16	7.6E-10	9.5E-11	4.0E-20
Chromium		9.6E-11	6.5E-09	8.1E-10	4.7E-15
Cobalt		3.3E-05	9.8E-09	1.2E-09	1.6E-09
Copper		4.5E-10	1.8E-08	2.2E-09	2.2E-14
Iron		2.7E-02			1.3E-06
Lead		1.1E-04	6.0E-09	7.5E-10	5.5E-09

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Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		8.0E-13	5.5E-09	6.8E-10	3.9E-17
Mercury (+2)		6.4E-14	2.4E-11	2.9E-12	3.1E-18
Mercury, elemental		2.7E-08	9.8E-14	1.2E-14	5.2E-08
Methyl Mercury		3.8E-15			1.9E-19
Nickel		5.6E-04	3.5E-09	4.3E-10	2.7E-08
Phosphorus		7.5E-15	2.6E-08	3.3E-09	7.2E-14
Selenium		4.0E-17	1.7E-10	2.2E-11	2.0E-21
Silver		8.5E-13	1.1E-10	1.4E-11	4.2E-17
Thallium (Soluble Salts)		8.1E-08			4.0E-12
Titanium		8.0E-15	6.1E-11	7.6E-12	3.9E-19
Zinc		1.8E-13	1.4E-07	1.7E-08	9.0E-18
NOx					
NOx (Oxides of Nitrogen)			1.6E-06	2.0E-07	
PAHs					
1-Methylnaphthalene	2.4E-16	2.2E-16	3.3E-08	4.1E-09	2.5E-16
1-Methylphenanthrene		1.5E-13	3.9E-09	4.9E-10	7.1E-18
2,3,5-Trimethylnaphthalene		6.8E-14	1.9E-09	2.4E-10	3.3E-18
2,6-Dimethylnaphthalene		1.9E-13	5.1E-09	6.4E-10	9.1E-18
2-Methylnaphthalene	2.3E-16	2.1E-16	3.2E-08	4.0E-09	2.4E-16
Acenaphthylene		6.0E-13	1.9E-08	2.4E-09	2.9E-17
Acenaphthene			3.5E-09	4.3E-10	
Anthracene			6.1E-09	7.6E-10	

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Exposure Unit	06
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Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)anthracene	1.6E-07	1.5E-07	3.0E-09	3.7E-10	2.3E-09
Benzo(a)pyrene	1.7E-07	1.5E-07	1.2E-09	1.5E-10	7.6E-12
Benzo(b)fluoranthene	3.0E-07	2.7E-07	1.3E-09	1.6E-10	1.3E-11
Benzo(e)pyrene		3.4E-14	1.0E-09	1.3E-10	1.7E-18
Benzo(g,h,i)perylene		2.5E-14	7.7E-10	9.6E-11	1.2E-18
Benzo(k)fluoranthene	1.2E-07	1.1E-07	1.2E-11	1.5E-12	5.5E-12
Biphenyl		3.3E-15	1.1E-07	1.4E-08	2.0E-15
Chrysene	2.4E-07	2.1E-07	5.1E-09	6.4E-10	1.0E-11
Dibenzo(a,h)anthracene	3.4E-13	3.1E-13	1.9E-10	2.3E-11	1.5E-17
Fluoranthene	6.8E-14	6.1E-14	7.5E-09	9.4E-10	3.0E-18
Fluorene			1.9E-08	2.3E-09	
Indeno(1,2,3-cd)pyrene	9.4E-08	8.6E-08	6.2E-10	7.7E-11	4.2E-12
Napthalene			1.5E-07	1.9E-08	
Perylene		1.3E-14	4.6E-10	5.8E-11	6.5E-19
Phenanthrene			3.5E-08	4.4E-09	
Pyrene	2.8E-13	2.5E-13	7.3E-09	9.1E-10	7.1E-15
Particulate					
Particulate Total Suspended Particulate		3.0E-09	2.3E-05	2.9E-06	1.5E-13
PM<10		3.8E-09	3.1E-05	3.9E-06	1.9E-13
PM<2.5		3.2E-09	2.6E-05	3.3E-06	1.6E-13
PCBs					
Dichlorobiphenyl	9.9E-16	8.3E-16	9.3E-11	1.2E-11	7.8E-17

Table H-224 (Average Daily Dose)

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Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Heptachlorobiphenyl	1.2E-16	9.8E-17	1.3E-12	1.6E-13	5.0E-18
Hexachlorobiphenyl	5.2E-16	4.4E-16	5.3E-12	6.7E-13	2.3E-17
Monochlorobiphenyl	6.9E-15	5.8E-15	6.5E-10	8.1E-11	5.4E-16
Nonachlorobiphenyl	2.0E-17	1.7E-17	1.8E-13	2.2E-14	8.8E-19
Octachlorobiphenyl	3.8E-17	3.2E-17	3.9E-13	4.9E-14	1.6E-18
Pentachlorobiphenyl	1.9E-15	1.6E-15	1.8E-11	2.3E-12	8.1E-17
Tetrachlorobiphenyl	3.8E-16	3.2E-16	3.0E-11	3.8E-12	3.0E-17
Trichlorobiphenyl	4.5E-16	3.8E-16	3.8E-11	4.8E-12	3.6E-17
Pesticides					
DDE		6.8E-06			2.2E-07
Dieldrin	2.7E-08	3.2E-08			1.6E-12
SVOCs					
1,2,4-trichlorobenzene			2.7E-10	3.4E-11	
1,2-dichlorobenzene			1.1E-10	1.4E-11	
1,3-dichlorobenzene			1.6E-10	2.0E-11	
1,4-dichlorobenzene			1.5E-09	1.9E-10	
2,4-Dimethylphenol			2.4E-08	3.0E-09	
2-Chlorophenol			4.7E-09	5.9E-10	
2-Methylphenol			5.6E-08	7.0E-09	
2-Nitrophenol			7.6E-09	9.4E-10	
3-Methylphenol & 4-Methylphenol		3.7E-12	1.0E-07	1.3E-08	1.8E-16
4-Nitrophenol			1.3E-08	1.6E-09	

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Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			1.2E-07	1.5E-08	
Benzoic acid			5.4E-07	6.7E-08	
Benzyl alcohol			4.5E-09	5.6E-10	
bis(2-Ethylhexyl) phthalate	6.7E-12	8.0E-12	1.9E-07	2.4E-08	3.9E-16
Butyl benzyl phthalate	3.3E-15	3.8E-15	6.0E-09	7.5E-10	1.9E-19
Carbazole		1.4E-14	1.7E-10	2.1E-11	6.9E-19
Dibenzofuran	1.4E-16	5.7E-16	9.5E-09	1.2E-09	2.4E-16
Dimethyl phthalate			3.3E-10	4.2E-11	
Di-n-butyl phthalate	3.3E-15	3.9E-15	9.2E-09	1.1E-09	1.9E-19
Di-n-octyl phthalate	9.4E-15	1.1E-14	6.4E-10	8.0E-11	5.5E-19
Hexachlorobutadiene			4.4E-08	5.5E-09	
Isopropanol			5.9E-03		
Phenol			3.0E-07	3.8E-08	
Pyridine			2.9E-08	3.6E-09	
TRS					
Total Reduced Sulfur			2.9E-07	3.6E-08	
VOCs					
1,1,1,2-Tetrachloroethane			1.3E-10	1.7E-11	
1,1,1-Trichloroethane			1.3E-10	1.7E-11	
1,1-Dichloroethene			2.6E-11	3.2E-12	
1,2,3-Trichlorobenzene			5.3E-10	6.7E-11	
1,2,3-Trichloropropane			1.1E-10	1.4E-11	

Table H-224 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			6.2E-09	7.8E-10	
1,2-Dibromoethane			6.9E-11	8.6E-12	
1,2-Dichloroethane			2.3E-05	1.0E-06	
1,3,5-Trimethylbenzene			5.9E-09	7.3E-10	
1,3-Dichloropropane			6.7E-11	8.4E-12	
2-Butanone			3.3E-08	4.1E-09	
2-Chlorotoluene			1.5E-09	1.8E-10	
2-Hexanone			6.8E-09	8.4E-10	
Benzene			8.2E-04	9.7E-06	
Bromobenzene			3.7E-08	4.7E-09	
Bromochloromethane			8.8E-11	1.1E-11	
Bromodichloromethane			9.5E-11	1.2E-11	
Bromomethane			3.8E-09	4.8E-10	
Carbon disulfide			3.3E-09	4.2E-10	
Carbon tetrachloride			1.6E-04	1.5E-05	
Chlorobenzene			4.8E-09	6.0E-10	
Chlorodibromomethane			2.4E-09	3.0E-10	
Chloroethane			9.1E-09	1.1E-09	
Chloroform			3.7E-05	2.4E-06	
Chloromethane			3.1E-08	3.9E-09	
cis-1,2-Dichloroethene			4.0E-09	5.0E-10	
cis-1,3-Dichloropropene			2.4E-11	3.0E-12	

Table H-224 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			2.0E-10	2.5E-11	
Dichlorodifluoromethane			2.5E-10	3.1E-11	
Ethylbenzene			2.1E-04	2.4E-08	
Isopropylbenzene			1.6E-08	2.0E-09	
m&p-Xylene			3.6E-08	4.6E-09	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.6E-10	4.5E-11	
Methylene chloride			1.8E-08	2.3E-09	
n-Butylbenzene			7.8E-09	9.7E-10	
n-Propylbenzene			9.4E-09	1.2E-09	
o-Xylene			2.3E-08	2.9E-09	
p-Chlorotoluene			5.5E-10	6.9E-11	
p-Isopropyltoluene			3.8E-09	4.8E-10	
sec-Butylbenzene			1.4E-09	1.8E-10	
Styrene			5.1E-07	6.4E-08	
tert-Butylbenzene			4.6E-08	5.7E-09	
Tetrachloroethene			1.2E-10	1.5E-11	
Toluene			3.2E-07	3.9E-08	
trans-1,2-Dichloroethene			8.4E-08	1.1E-08	
trans-1,3-Dichloropropene			4.2E-11	5.3E-12	
Trichloroethene			5.0E-06	9.1E-13	
Trichlorofluoromethane			8.7E-11	1.1E-11	
Vinyl chloride			5.0E-09	6.2E-10	

Table H-225 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						1.2E-05	2.8E-05	1.5E-06	1.5E-06		
Aldehydes											
Acetaldehyde	1.3E-15					2.1E-05	4.8E-05	2.6E-06	2.6E-06		
Formaldehyde	6.5E-15					6.8E-02	2.0E-05	1.1E-06	1.1E-06		
Propionaldehyde				3.2E-17	9.0E-17	2.3E-06	5.2E-06	2.8E-07	2.8E-07	2.4E-13	1.5E-12
CO											
Carbon monoxide						6.4E-04	1.5E-03	8.0E-05	8.0E-05		
CO2											
Carbon dioxide						2.0E-05	4.6E-05	2.5E-06	2.5E-06		
Criteria											
Sulfur Dioxide						5.4E-06	1.2E-05	6.8E-07	6.8E-07		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-20	1.8E-17	2.5E-17	7.0E-17	2.0E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	3.4E-18	2.1E-17
1,2,3,4,6,7,8-HpCDF	1.7E-20	1.8E-17	2.5E-17	7.1E-17	2.0E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	3.5E-18	2.1E-17
1,2,3,4,7,8,9-HpCDF	2.6E-21	2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.6E-12	3.6E-12	1.9E-13	1.9E-13	4.0E-19	2.5E-18
1,2,3,4,7,8-HxCDD	2.0E-20	2.0E-18	2.8E-18	7.9E-18	2.2E-17	1.5E-12	3.3E-12	1.8E-13	1.8E-13	3.9E-19	2.4E-18
1,2,3,4,7,8-HxCDF	1.4E-19	1.6E-17	2.2E-17	6.3E-17	1.8E-16	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.1E-18	1.9E-17
1,2,3,6,7,8-HxCDD	3.8E-20	4.1E-18	5.7E-18	1.6E-17	4.5E-17	3.1E-12	7.1E-12	3.8E-13	3.8E-13	7.9E-19	4.9E-18
1,2,3,6,7,8-HxCDF	5.1E-20	5.2E-18	7.3E-18	2.1E-17	5.8E-17	3.8E-12	8.8E-12	4.8E-13	4.8E-13	1.0E-18	6.2E-18
1,2,3,7,8,9-HxCDD	5.5E-20	6.5E-18	9.1E-18	2.6E-17	7.1E-17	4.6E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	7.7E-18
1,2,3,7,8,9-HxCDF	4.1E-21	3.7E-19	5.2E-19	1.5E-18	4.1E-18	2.9E-13	6.8E-13	3.7E-14	3.7E-14	7.2E-20	4.5E-19
1,2,3,7,8-PeCDD	1.1E-19	2.3E-18	3.2E-18	9.0E-18	2.5E-17	1.8E-12	4.3E-12	2.3E-13	2.3E-13	4.4E-19	2.7E-18
1,2,3,7,8-PeCDF	1.5E-19	2.7E-18	3.7E-18	1.1E-17	3.0E-17	2.6E-12	6.1E-12	3.3E-13	3.3E-13	5.2E-19	3.2E-18

Table H-225 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.3E-20	8.2E-18	1.1E-17	3.2E-17	9.0E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	1.6E-18	9.7E-18
2,3,4,7,8-PeCDF	2.3E-19	6.4E-18	9.0E-18	2.5E-17	7.1E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	1.2E-18	7.6E-18
2,3,7,8-TCDD	3.6E-20	4.6E-19	6.4E-19	1.8E-18	5.1E-18	7.4E-13	1.7E-12	9.3E-14	9.3E-14	6.2E-17	3.8E-16
2,3,7,8-TCDF	1.1E-19	8.4E-19	1.2E-18	3.3E-18	9.3E-18	2.7E-12	6.3E-12	3.4E-13	3.4E-13	1.6E-19	1.0E-18
OCDD	2.4E-22	1.2E-17	1.7E-17	4.7E-17	1.3E-16	8.0E-12	1.9E-11	1.0E-12	1.0E-12	2.3E-18	1.4E-17
OCDF	8.8E-23	4.6E-18	6.5E-18	1.8E-17	5.1E-17	3.0E-12	7.0E-12	3.8E-13	3.8E-13	9.0E-19	5.5E-18
HCN											
Hydrogen cyanide						2.3E-06	5.2E-06	2.8E-07	2.8E-07		
Metals											
Aluminum				1.7E-04	2.8E-04					8.1E-06	3.0E-05
Antimony	2.2E-19			1.1E-08	2.1E-08	1.5E-07	3.4E-07	1.9E-08	1.9E-08	5.4E-10	2.2E-09
Arsenic	1.2E-17	3.9E-08	3.3E-09	9.2E-08	1.6E-08	8.5E-09	2.0E-08	1.1E-09	1.1E-09	7.5E-09	2.8E-09
Barium	3.1E-14			3.9E-11	1.1E-10	1.8E-06	4.2E-06	2.2E-07	2.2E-07	1.9E-12	1.2E-11
Beryllium	4.7E-19			1.5E-17	4.2E-17	6.1E-10	1.4E-09	7.7E-11	7.7E-11	7.3E-19	4.5E-18
Cadmium	1.2E-16			1.2E-17	3.3E-17	1.1E-08	2.5E-08	1.4E-09	1.4E-09	5.7E-19	3.5E-18
Chromium	3.5E-17			1.0E-12	2.8E-12	9.2E-08	2.1E-07	1.2E-08	1.2E-08	5.0E-14	3.1E-13
Cobalt				4.6E-07	5.3E-07	1.4E-07	3.2E-07	1.8E-08	1.8E-08	2.3E-08	5.7E-08
Copper				4.2E-12	1.2E-11	2.5E-07	5.9E-07	3.2E-08	3.2E-08	2.0E-13	1.3E-12
Iron				3.9E-04	5.4E-04					1.9E-05	5.8E-05
Lead	9.9E-20			1.6E-06	3.3E-06	8.5E-08	2.0E-07	1.1E-08	1.1E-08	7.8E-08	3.5E-07
Manganese				1.1E-14	3.2E-14	7.8E-08	1.8E-07	9.7E-09	9.7E-09	5.6E-16	3.4E-15
Mercury (+2)				4.6E-16	1.3E-15	3.4E-10	7.8E-10	4.2E-11	4.2E-11	2.2E-17	1.4E-16
Mercury, elemental				3.9E-10	6.3E-10	1.4E-12	3.2E-12	1.8E-13	1.8E-13	7.4E-07	4.6E-06
Methyl Mercury	1.2E-16			2.7E-17	7.6E-17					1.3E-18	8.2E-18

Table H-225 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	4.7E-17			8.0E-06	1.0E-05	5.0E-08	1.1E-07	6.2E-09	6.2E-09	3.9E-07	1.1E-06
Phosphorus				1.1E-16	3.0E-16	3.8E-07	8.7E-07	4.7E-08	4.7E-08	1.0E-12	6.4E-12
Selenium	3.9E-18			5.8E-19	1.6E-18	2.5E-09	5.8E-09	3.1E-10	3.1E-10	2.8E-20	1.7E-19
Silver	2.9E-18			1.1E-14	3.0E-14	1.6E-09	3.8E-09	2.0E-10	2.0E-10	5.2E-16	3.2E-15
Thallium (Soluble Salts)				1.2E-09	2.4E-09					5.7E-11	2.6E-10
Titanium				1.1E-16	3.2E-16	8.7E-10	2.0E-09	1.1E-10	1.1E-10	5.6E-18	3.5E-17
Zinc	5.8E-14			2.6E-15	7.4E-15	2.0E-06	4.5E-06	2.4E-07	2.4E-07	1.3E-16	8.0E-16
NOx											
NOx (Oxides of Nitrogen)						2.2E-05	5.2E-05	2.8E-06	2.8E-06		
PAHs											
1-Methylnaphthalene		3.4E-18	4.8E-18	3.1E-18	8.7E-18	4.7E-07	1.1E-06	5.9E-08	5.9E-08	3.5E-15	2.2E-14
1-Methylphenanthrene				2.1E-15	5.8E-15	5.6E-08	1.3E-07	7.0E-09	7.0E-09	1.0E-16	6.3E-16
2,3,5-Trimethylnaphthalene				9.7E-16	2.7E-15	2.8E-08	6.4E-08	3.5E-09	3.5E-09	4.8E-17	2.9E-16
2,6-Dimethylnaphthalene				2.7E-15	7.4E-15	7.4E-08	1.7E-07	9.2E-09	9.2E-09	1.3E-16	8.0E-16
2-Methylnaphthalene		3.3E-18	4.6E-18	3.0E-18	8.4E-18	4.6E-07	1.1E-06	5.7E-08	5.7E-08	3.4E-15	2.1E-14
Acenaphthylene				8.5E-15	2.4E-14	2.7E-07	6.2E-07	3.4E-08	3.4E-08	4.2E-16	2.6E-15
Acenaphthene	4.8E-17					4.9E-08	1.1E-07	6.2E-09	6.2E-09		
Anthracene	6.1E-16					8.7E-08	2.0E-07	1.1E-08	1.1E-08		
Benzo(a)anthracene	8.8E-14	2.4E-09	7.3E-09	2.1E-09	1.3E-08	4.3E-08	9.9E-08	5.3E-09	5.3E-09	3.2E-08	2.0E-07
Benzo(a)pyrene	4.4E-14	2.4E-09	8.0E-09	2.2E-09	1.5E-08	1.7E-08	3.9E-08	2.1E-09	2.1E-09	1.1E-10	1.6E-09
Benzo(b)fluoranthene	1.2E-14	4.3E-09	1.1E-08	3.9E-09	2.0E-08	1.9E-08	4.3E-08	2.3E-09	2.3E-09	1.9E-10	2.2E-09
Benzo(e)pyrene				4.9E-16	1.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	2.4E-17	1.5E-16
Benzo(g,h,i)perylene				3.6E-16	1.0E-15	1.1E-08	2.5E-08	1.4E-09	1.4E-09	1.8E-17	1.1E-16
Benzo(k)fluoranthene	9.8E-17	1.7E-09	5.7E-09	1.6E-09	1.0E-08	1.7E-10	3.8E-10	2.1E-11	2.1E-11	7.8E-11	1.1E-09

Table H-225 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				4.8E-17	1.3E-16	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.8E-14	1.7E-13
Chrysene	1.5E-14	3.4E-09	8.2E-09	3.1E-09	1.5E-08	7.3E-08	1.7E-07	9.1E-09	9.1E-09	1.5E-10	1.6E-09
Dibenze(a,h)anthracene	2.2E-15	4.3E-15	2.0E-09	3.9E-15	3.6E-09	2.7E-09	6.1E-09	3.3E-10	3.3E-10	1.9E-16	3.9E-10
Fluoranthene	4.0E-15	9.1E-16	1.3E-15	8.3E-16	2.3E-15	1.1E-07	2.5E-07	1.3E-08	1.3E-08	4.0E-17	2.5E-16
Fluorene	8.7E-16					2.7E-07	6.2E-07	3.3E-08	3.3E-08		
Indeno(1,2,3-cd)pyrene	5.5E-15	1.3E-09	5.2E-09	1.2E-09	9.5E-09	8.8E-09	2.0E-08	1.1E-09	1.1E-09	6.0E-11	1.0E-09
Napthalene	4.0E-16					2.1E-06	4.9E-06	2.7E-07	2.7E-07		
Perylene				1.9E-16	5.3E-16	6.6E-09	1.5E-08	8.2E-10	8.2E-10	9.2E-18	5.7E-17
Phenanthrene	4.2E-15					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
Pyrene	2.9E-15	3.1E-15	4.3E-15	2.8E-15	7.8E-15	1.0E-07	2.4E-07	1.3E-08	1.3E-08	7.8E-14	4.8E-13
Particulate											
Particulate Total Suspended Particulate				4.3E-11	1.2E-10	3.3E-04	7.7E-04	4.2E-05	4.2E-05	2.1E-12	1.3E-11
PM<10				5.5E-11	1.5E-10	4.4E-04	1.0E-03	5.5E-05	5.5E-05	2.7E-12	1.7E-11
PM<2.5				4.5E-11	1.3E-10	3.8E-04	8.7E-04	4.7E-05	4.7E-05	2.2E-12	1.4E-11
PCBs											
Dichlorobiphenyl	8.7E-17	8.2E-18	1.2E-17	7.0E-18	1.9E-17	1.3E-09	3.1E-09	1.7E-10	1.7E-10	6.5E-16	4.0E-15
Heptachlorobiphenyl	3.3E-18	9.5E-19	1.3E-18	8.1E-19	2.3E-18	1.8E-11	4.2E-11	2.3E-12	2.3E-12	4.1E-17	2.5E-16
Hexachlorobiphenyl	1.3E-17	4.3E-18	6.0E-18	3.6E-18	1.0E-17	7.6E-11	1.8E-10	9.5E-12	9.5E-12	1.9E-16	1.1E-15
Monochlorobiphenyl	6.1E-16	5.7E-17	8.0E-17	4.8E-17	1.4E-16	9.2E-09	2.1E-08	1.2E-09	1.2E-09	4.5E-15	2.8E-14
Nonachlorobiphenyl	4.1E-19	1.7E-19	2.4E-19	1.4E-19	4.0E-19	2.6E-12	5.9E-12	3.2E-13	3.2E-13	7.2E-18	4.5E-17
Octachlorobiphenyl	9.7E-19	3.1E-19	4.3E-19	2.6E-19	7.3E-19	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.3E-17	8.2E-17
Pentachlorobiphenyl	4.4E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	2.6E-10	6.0E-10	3.3E-11	3.3E-11	6.7E-16	4.1E-15
Tetrachlorobiphenyl	2.6E-17	3.1E-18	4.4E-18	2.7E-18	7.4E-18	4.3E-10	9.9E-10	5.4E-11	5.4E-11	2.5E-16	1.5E-15
Trichlorobiphenyl	3.4E-17	3.8E-18	5.3E-18	3.2E-18	8.9E-18	5.5E-10	1.3E-09	6.8E-11	6.8E-11	3.0E-16	1.8E-15

Table H-225 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				9.8E-08	3.1E-09					3.1E-06	1.9E-05
Dieldrin		3.8E-10	1.4E-10	4.5E-10	3.4E-10					2.2E-11	3.6E-11
SVOCs											
1,2,4-trichlorobenzene						3.9E-09	8.9E-09	4.8E-10	4.8E-10		
1,2-dichlorobenzene	3.9E-20					1.6E-09	3.6E-09	1.9E-10	1.9E-10		
1,3-dichlorobenzene	9.9E-20					2.3E-09	5.4E-09	2.9E-10	2.9E-10		
1,4-dichlorobenzene	1.3E-18					2.2E-08	5.0E-08	2.7E-09	2.7E-09		
2,4-Dimethylphenol	3.6E-17					3.4E-07	7.8E-07	4.2E-08	4.2E-08		
2-Chlorophenol	1.8E-18					6.8E-08	1.6E-07	8.5E-09	8.5E-09		
2-Methylphenol	7.5E-16					8.0E-07	1.8E-06	9.9E-08	9.9E-08		
2-Nitrophenol	4.6E-18					1.1E-07	2.5E-07	1.3E-08	1.3E-08		
3-Methylphenol & 4-Methylphenol				5.3E-14	1.5E-13	1.4E-06	3.3E-06	1.8E-07	1.8E-07	2.6E-15	1.6E-14
4-Nitrophenol	9.3E-18					1.8E-07	4.1E-07	2.2E-08	2.2E-08		
Acetophenone	5.6E-17					1.7E-06	3.9E-06	2.1E-07	2.1E-07		
Benzoic acid	2.3E-16					7.7E-06	1.8E-05	9.6E-07	9.6E-07		
Benzyl alcohol	1.4E-19					6.4E-08	1.5E-07	8.0E-09	8.0E-09		
bis(2-Ethylhexyl) phthalate	7.0E-15	9.6E-14	1.3E-13	1.1E-13	3.2E-13	2.7E-06	6.3E-06	3.4E-07	3.4E-07	5.6E-15	3.4E-14
Butyl benzyl phthalate	2.5E-15	4.7E-17	6.5E-17	5.5E-17	1.5E-16	8.5E-08	2.0E-07	1.1E-08	1.1E-08	2.7E-18	1.7E-17
Carbazole				2.0E-16	5.6E-16	2.4E-09	5.5E-09	3.0E-10	3.0E-10	9.8E-18	6.0E-17
Dibenzofuran		2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.4E-07	3.1E-07	1.7E-08	1.7E-08	3.5E-15	2.1E-14
Dimethyl phthalate	9.2E-19					4.8E-09	1.1E-08	5.9E-10	5.9E-10		
Di-n-butyl phthalate	2.4E-14	4.6E-17	6.5E-17	5.5E-17	1.5E-16	1.3E-07	3.0E-07	1.6E-08	1.6E-08	2.7E-18	1.7E-17
Di-n-octyl phthalate	1.8E-19	1.3E-16	1.9E-16	1.6E-16	4.4E-16	9.2E-09	2.1E-08	1.1E-09	1.1E-09	7.8E-18	4.8E-17

Table H-225 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	9.6E-17					6.3E-07	1.5E-06	7.9E-08	7.9E-08		
Isopropanol						8.5E-02	3.2E-02				
p-Chloroaniline			4.7E-09		1.1E-08						1.2E-09
Phenol	2.1E-15					4.3E-06	9.9E-06	5.4E-07	5.4E-07		
Pyridine	1.1E-16					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
TRS											
Total Reduced Sulfur						4.2E-06	9.6E-06	5.2E-07	5.2E-07		
VOCs											
1,1,1,2-Tetrachloroethane	3.8E-20					1.9E-09	4.5E-09	2.4E-10	2.4E-10		
1,1,1-Trichloroethane	2.5E-21					1.9E-09	4.4E-09	2.4E-10	2.4E-10		
1,1-Dichloroethene	8.5E-23					3.7E-10	8.6E-10	4.6E-11	4.6E-11		
1,2,3-Trichlorobenzene	2.7E-18					7.6E-09	1.8E-08	9.5E-10	9.5E-10		
1,2,3-Trichloropropane	1.5E-20					1.5E-09	3.6E-09	1.9E-10	1.9E-10		
1,2,4-Trimethylbenzene						8.9E-08	2.1E-07	1.1E-08	1.1E-08		
1,2-Dibromoethane	5.3E-21					9.9E-10	2.3E-09	1.2E-10	1.2E-10		
1,2-Dichloroethane	1.7E-19					3.3E-04	6.3E-04	1.4E-05	1.4E-05		
1,3,5-Trimethylbenzene	8.6E-19					8.4E-08	1.9E-07	1.0E-08	1.0E-08		
1,3-Dichloropropane						9.6E-10	2.2E-09	1.2E-10	1.2E-10		
2-Butanone	3.5E-17					4.7E-07	1.1E-06	5.9E-08	5.9E-08		
2-Chlorotoluene						2.1E-08	4.9E-08	2.6E-09	2.6E-09		
2-Hexanone						9.7E-08	2.2E-07	1.2E-08	1.2E-08		
Benzene	2.8E-17					1.2E-02	3.8E-03	1.4E-04	1.4E-04		
Bromobenzene						5.3E-07	1.2E-06	6.6E-08	6.6E-08		
Bromochloromethane						1.3E-09	2.9E-09	1.6E-10	1.6E-10		

Table H-225 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromodichloromethane	4.5E-21					1.4E-09	4.8E-03	1.7E-10	1.7E-10		
Bromoform							2.2E-02				
Bromomethane	1.9E-20					5.4E-08	1.3E-07	6.8E-09	6.8E-09		
Carbon disulfide	1.8E-20					4.8E-08	1.1E-07	6.0E-09	6.0E-09		
Carbon tetrachloride	1.9E-21					2.2E-03	5.6E-03	2.2E-04	2.2E-04		
Chlorobenzene	6.7E-19					6.9E-08	1.6E-07	8.6E-09	8.6E-09		
Chlorodibromomethane	2.6E-19					3.4E-08	7.8E-08	4.2E-09	4.2E-09		
Chloroethane	5.3E-20					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
Chloroform	4.0E-20					5.2E-04	1.1E-02	3.4E-05	3.4E-05		
Chloromethane	1.4E-19					4.4E-07	1.0E-06	5.5E-08	5.5E-08		
cis-1,2-Dichloroethene	5.4E-20					5.7E-08	1.3E-07	7.1E-09	7.1E-09		
cis-1,3-Dichloropropene						3.5E-10	8.0E-10	4.3E-11	4.3E-11		
Dibromomethane	6.0E-21					2.9E-09	6.7E-09	3.6E-10	3.6E-10		
Dichlorodifluoromethane	6.7E-23					3.6E-09	8.2E-09	4.4E-10	4.4E-10		
Ethylbenzene	2.1E-17					3.1E-03	3.2E-03	3.5E-07	3.5E-07		
Isopropylbenzene	2.8E-20					2.3E-07	5.2E-07	2.8E-08	2.8E-08		
m&p-Xylene	3.4E-18					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Methyl Isobutyl Ketone (4-methyl-2-pent	3.4E-20					5.1E-09	1.2E-08	6.4E-10	6.4E-10		
Methylene chloride	3.7E-19					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
n-Butylbenzene						1.1E-07	2.6E-07	1.4E-08	1.4E-08		
n-Propylbenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08		
o-Xylene	4.0E-18					3.3E-07	7.6E-07	4.1E-08	4.1E-08		
p-Chlorotoluene						7.9E-09	1.8E-08	9.9E-10	9.9E-10		
p-Isopropyltoluene						5.5E-08	1.3E-07	6.9E-09	6.9E-09		

Table H-225 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
sec-Butylbenzene						2.0E-08	4.7E-08	2.5E-09	2.5E-09		
Styrene	1.3E-16					7.3E-06	1.7E-05	9.1E-07	9.1E-07		
tert-Butylbenzene						6.5E-07	1.5E-06	8.2E-08	8.2E-08		
Tetrachloroethene	9.4E-21					1.7E-09	4.0E-09	2.2E-10	2.2E-10		
Toluene	2.2E-17					4.5E-06	1.0E-05	5.6E-07	5.6E-07		
trans-1,2-Dichloroethene	8.4E-19					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
trans-1,3-Dichloropropene						6.0E-10	1.4E-09	7.5E-11	7.5E-11		
Trichloroethene	9.7E-23					7.2E-05	6.4E-03	1.3E-11	1.3E-11		
Trichlorofluoromethane	1.5E-22					1.2E-09	2.9E-09	1.6E-10	1.6E-10		
Vinyl chloride	6.9E-21					7.1E-08	1.6E-07	8.8E-09	8.8E-09		

Table H-226 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					4.8E-03	1.4E-06	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19	
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19	
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18	
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19	
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19	
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19	
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20	
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19	
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19	

Table H-226 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.2E-02	2.0E-02					5.7E-07	2.1E-06
Antimony	1.6E-17			7.7E-07	1.4E-06	1.0E-08	2.4E-08	1.3E-09	1.3E-09	3.8E-11	1.5E-10
Arsenic	8.1E-16	2.7E-06	2.3E-07	6.4E-06	1.1E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	5.2E-10	2.0E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				3.3E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.6E-09	4.0E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				2.7E-02	3.7E-02					1.3E-06	4.0E-06
Lead	6.9E-18			1.1E-04	2.3E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.5E-09	2.5E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				2.7E-08	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	5.2E-08	3.2E-07
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18

Table H-226 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	7.1E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.7E-08	7.7E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Thallium (Soluble Salts)				8.1E-08	1.7E-07					4.0E-12	1.8E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	1.6E-07	5.1E-07	1.5E-07	9.3E-07	3.0E-09	6.9E-09	3.7E-10	3.7E-10	2.3E-09	1.4E-08
Benzo(a)pyrene	3.1E-12	1.7E-07	5.6E-07	1.5E-07	1.0E-06	1.2E-09	2.7E-09	1.5E-10	1.5E-10	7.6E-12	1.1E-10
Benzo(b)fluoranthene	8.3E-13	3.0E-07	7.9E-07	2.7E-07	1.4E-06	1.3E-09	3.0E-09	1.6E-10	1.6E-10	1.3E-11	1.5E-10
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	1.2E-07	4.0E-07	1.1E-07	7.2E-07	1.2E-11	2.7E-11	1.5E-12	1.5E-12	5.5E-12	7.8E-11

Table H-226 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.4E-07	5.7E-07	2.1E-07	1.0E-06	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.0E-11	1.1E-10
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	1.4E-07	3.1E-13	2.5E-07	1.9E-10	4.3E-10	2.3E-11	2.3E-11	1.5E-17	2.7E-11
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	9.4E-08	3.6E-07	8.6E-08	6.6E-07	6.2E-10	1.4E-09	7.7E-11	7.7E-11	4.2E-12	7.1E-11
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16

Table H-226 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				6.8E-06	2.2E-07					2.2E-07	1.3E-06
Dieldrin		2.7E-08	1.0E-08	3.2E-08	2.4E-08					1.6E-12	2.5E-12
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18

Table H-226 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						5.9E-03	2.3E-03				
p-Chloroaniline			3.3E-07		7.7E-07						8.4E-11
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.3E-05	4.4E-05	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.2E-04	2.7E-04	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		

Table H-226 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Bromodichloromethane	3.1E-19					9.5E-11	3.4E-04	1.2E-11	1.2E-11		
Bromoform							1.5E-03				
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.6E-04	3.9E-04	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					3.7E-05	7.9E-04	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					2.1E-04	2.2E-04	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		

Table H-226 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					5.0E-06	4.5E-04	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10		

Table H-227 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						1.2E-05	2.8E-05	1.5E-06	1.5E-06		
Aldehydes											
Acetaldehyde	1.3E-15					2.1E-05	4.8E-05	2.6E-06	2.6E-06		
Formaldehyde	6.5E-15					6.8E-02	5.7E-01	1.1E-06	1.1E-06		
Propionaldehyde				3.2E-17	9.0E-17	2.3E-06	5.2E-06	2.8E-07	2.8E-07	2.4E-13	1.5E-12
CO											
Carbon monoxide						6.4E-04	1.5E-03	8.0E-05	8.0E-05		
CO2											
Carbon dioxide						2.0E-05	4.6E-05	2.5E-06	2.5E-06		
Criteria											
Sulfur Dioxide						5.4E-06	1.2E-05	6.8E-07	6.8E-07		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-20	1.8E-17	2.5E-17	7.0E-17	2.0E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	3.4E-18	2.1E-17
1,2,3,4,6,7,8-HpCDF	1.7E-20	1.8E-17	2.5E-17	7.1E-17	2.0E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	3.5E-18	2.1E-17
1,2,3,4,7,8,9-HpCDF	2.6E-21	2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.6E-12	3.6E-12	1.9E-13	1.9E-13	4.0E-19	2.5E-18
1,2,3,4,7,8-HxCDD	2.0E-20	2.0E-18	2.8E-18	7.9E-18	2.2E-17	1.5E-12	3.3E-12	1.8E-13	1.8E-13	3.9E-19	2.4E-18
1,2,3,4,7,8-HxCDF	1.4E-19	1.6E-17	2.2E-17	6.3E-17	1.8E-16	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.1E-18	1.9E-17
1,2,3,6,7,8-HxCDD	3.8E-20	4.1E-18	5.7E-18	1.6E-17	4.5E-17	3.1E-12	7.1E-12	3.8E-13	3.8E-13	7.9E-19	4.9E-18
1,2,3,6,7,8-HxCDF	5.1E-20	5.2E-18	7.3E-18	2.1E-17	5.8E-17	3.8E-12	8.8E-12	4.8E-13	4.8E-13	1.0E-18	6.2E-18
1,2,3,7,8,9-HxCDD	5.5E-20	6.5E-18	9.1E-18	2.6E-17	7.1E-17	4.6E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	7.7E-18
1,2,3,7,8,9-HxCDF	4.1E-21	3.7E-19	5.2E-19	1.5E-18	4.1E-18	2.9E-13	6.8E-13	3.7E-14	3.7E-14	7.2E-20	4.5E-19
1,2,3,7,8-PeCDD	1.1E-19	2.3E-18	3.2E-18	9.0E-18	2.5E-17	1.8E-12	4.3E-12	2.3E-13	2.3E-13	4.4E-19	2.7E-18
1,2,3,7,8-PeCDF	1.5E-19	2.7E-18	3.7E-18	1.1E-17	3.0E-17	2.6E-12	6.1E-12	3.3E-13	3.3E-13	5.2E-19	3.2E-18

Table H-227 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.3E-20	8.2E-18	1.1E-17	3.2E-17	9.0E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	1.6E-18	9.7E-18
2,3,4,7,8-PeCDF	2.3E-19	6.4E-18	9.0E-18	2.5E-17	7.1E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	1.2E-18	7.6E-18
2,3,7,8-TCDD	3.6E-20	4.6E-19	6.4E-19	1.8E-18	5.1E-18	7.4E-13	1.7E-12	9.3E-14	9.3E-14	6.2E-17	3.8E-16
2,3,7,8-TCDF	1.1E-19	8.4E-19	1.2E-18	3.3E-18	9.3E-18	2.7E-12	6.3E-12	3.4E-13	3.4E-13	1.6E-19	1.0E-18
OCDD	2.4E-22	1.2E-17	1.7E-17	4.7E-17	1.3E-16	8.0E-12	1.9E-11	1.0E-12	1.0E-12	2.3E-18	1.4E-17
OCDF	8.8E-23	4.6E-18	6.5E-18	1.8E-17	5.1E-17	3.0E-12	7.0E-12	3.8E-13	3.8E-13	9.0E-19	5.5E-18
HCN											
Hydrogen cyanide						2.3E-06	5.2E-06	2.8E-07	2.8E-07		
Metals											
Aluminum				1.7E-04	3.4E-04					8.1E-06	3.7E-05
Antimony	2.2E-19			1.1E-08	6.8E-09	1.5E-07	3.4E-07	1.9E-08	1.9E-08	5.4E-10	7.4E-10
Arsenic	1.2E-17	3.9E-08	6.5E-09	9.2E-08	3.1E-08	8.5E-09	2.0E-08	1.1E-09	1.1E-09	7.5E-09	5.5E-09
Barium	3.1E-14			3.9E-11	1.1E-10	1.8E-06	4.2E-06	2.2E-07	2.2E-07	1.9E-12	1.2E-11
Beryllium	4.7E-19			1.5E-17	4.2E-17	6.1E-10	1.4E-09	7.7E-11	7.7E-11	7.3E-19	4.5E-18
Cadmium	1.2E-16			1.2E-17	3.3E-17	1.1E-08	2.5E-08	1.4E-09	1.4E-09	5.7E-19	3.5E-18
Chromium	3.5E-17			1.0E-12	2.8E-12	9.2E-08	2.1E-07	1.2E-08	1.2E-08	5.0E-14	3.1E-13
Cobalt				4.6E-07	5.3E-07	1.4E-07	3.2E-07	1.8E-08	1.8E-08	2.3E-08	5.7E-08
Copper				4.2E-12	1.2E-11	2.5E-07	5.9E-07	3.2E-08	3.2E-08	2.0E-13	1.3E-12
Iron				3.9E-04	5.7E-04					1.9E-05	6.1E-05
Lead	9.9E-20			1.6E-06	7.5E-07	8.5E-08	2.0E-07	1.1E-08	1.1E-08	7.8E-08	8.1E-08
Manganese				1.1E-14	3.2E-14	7.8E-08	1.8E-07	9.7E-09	9.7E-09	5.6E-16	3.4E-15
Mercury (+2)				4.6E-16	1.3E-15	3.4E-10	7.8E-10	4.2E-11	4.2E-11	2.2E-17	1.4E-16
Mercury, elemental				3.9E-10	3.9E-10	1.4E-12	3.2E-12	1.8E-13	1.8E-13	7.4E-07	4.6E-06
Methyl Mercury	1.2E-16			2.7E-17	7.6E-17					1.3E-18	8.2E-18

Table H-227 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	4.7E-17			8.0E-06	1.1E-05	5.0E-08	1.1E-07	6.2E-09	6.2E-09	3.9E-07	1.2E-06
Phosphorus				1.1E-16	3.0E-16	3.8E-07	8.7E-07	4.7E-08	4.7E-08	1.0E-12	6.4E-12
Selenium	3.9E-18			5.8E-19	1.6E-18	2.5E-09	5.8E-09	3.1E-10	3.1E-10	2.8E-20	1.7E-19
Silver	2.9E-18			1.1E-14	3.0E-14	1.6E-09	3.8E-09	2.0E-10	2.0E-10	5.2E-16	3.2E-15
Thallium (Soluble Salts)				1.2E-09	2.1E-09					5.7E-11	2.2E-10
Titanium				1.1E-16	3.2E-16	8.7E-10	2.0E-09	1.1E-10	1.1E-10	5.6E-18	3.5E-17
Zinc	5.8E-14			2.6E-15	7.4E-15	2.0E-06	4.5E-06	2.4E-07	2.4E-07	1.3E-16	8.0E-16
NOx											
NOx (Oxides of Nitrogen)						2.2E-05	5.2E-05	2.8E-06	2.8E-06		
PAHs											
1-Methylnaphthalene		3.4E-18	4.8E-18	3.1E-18	8.7E-18	4.7E-07	1.1E-06	5.9E-08	5.9E-08	3.5E-15	2.2E-14
1-Methylphenanthrene				2.1E-15	5.8E-15	5.6E-08	1.3E-07	7.0E-09	7.0E-09	1.0E-16	6.3E-16
2,3,5-Trimethylnaphthalene				9.7E-16	2.7E-15	2.8E-08	6.4E-08	3.5E-09	3.5E-09	4.8E-17	2.9E-16
2,6-Dimethylnaphthalene				2.7E-15	7.4E-15	7.4E-08	1.7E-07	9.2E-09	9.2E-09	1.3E-16	8.0E-16
2-Methylnaphthalene		3.3E-18	4.6E-18	3.0E-18	8.4E-18	4.6E-07	1.1E-06	5.7E-08	5.7E-08	3.4E-15	2.1E-14
Acenaphthylene				8.5E-15	2.4E-14	2.7E-07	6.2E-07	3.4E-08	3.4E-08	4.2E-16	2.6E-15
Acenapthene	4.8E-17					4.9E-08	1.1E-07	6.2E-09	6.2E-09		
Anthracene	6.1E-16					8.7E-08	2.0E-07	1.1E-08	1.1E-08		
Benzo(a)anthracene	8.8E-14	2.4E-09	3.6E-14	2.1E-09	6.5E-14	4.3E-08	9.9E-08	5.3E-09	5.3E-09	3.2E-08	2.0E-07
Benzo(a)pyrene	4.4E-14	2.4E-09	1.6E-14	2.2E-09	3.0E-14	1.7E-08	3.9E-08	2.1E-09	2.1E-09	1.1E-10	3.2E-15
Benzo(b)fluoranthene	1.2E-14	4.3E-09	9.6E-16	3.9E-09	1.7E-15	1.9E-08	4.3E-08	2.3E-09	2.3E-09	1.9E-10	1.9E-16
Benzo(e)pyrene				4.9E-16	1.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	2.4E-17	1.5E-16
Benzo(g,h,i)perylene				3.6E-16	1.0E-15	1.1E-08	2.5E-08	1.4E-09	1.4E-09	1.8E-17	1.1E-16
Benzo(k)fluoranthene	9.8E-17	1.7E-09	1.2E-15	1.6E-09	2.2E-15	1.7E-10	3.8E-10	2.1E-11	2.1E-11	7.8E-11	2.3E-16

Table H-227 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				4.8E-17	1.3E-16	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.8E-14	1.7E-13
Chrysene	1.5E-14	3.4E-09	4.7E-14	3.1E-09	8.6E-14	7.3E-08	1.7E-07	9.1E-09	9.1E-09	1.5E-10	9.3E-15
Dibenze(a,h)anthracene	2.2E-15	4.3E-15	6.0E-15	3.9E-15	1.1E-14	2.7E-09	6.1E-09	3.3E-10	3.3E-10	1.9E-16	1.2E-15
Fluoranthene	4.0E-15	9.1E-16	1.3E-15	8.3E-16	2.3E-15	1.1E-07	2.5E-07	1.3E-08	1.3E-08	4.0E-17	2.5E-16
Fluorene	8.7E-16					2.7E-07	6.2E-07	3.3E-08	3.3E-08		
Indeno(1,2,3-cd)pyrene	5.5E-15	1.3E-09	1.7E-14	1.2E-09	3.0E-14	8.8E-09	2.0E-08	1.1E-09	1.1E-09	6.0E-11	3.3E-15
Napthalene	4.0E-16					2.1E-06	4.9E-06	2.7E-07	2.7E-07		
Perylene				1.9E-16	5.3E-16	6.6E-09	1.5E-08	8.2E-10	8.2E-10	9.2E-18	5.7E-17
Phenanthrene	4.2E-15					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
Pyrene	2.9E-15	3.1E-15	4.3E-15	2.8E-15	7.8E-15	1.0E-07	2.4E-07	1.3E-08	1.3E-08	7.8E-14	4.8E-13
Particulate											
Particulate Total Suspended Particulate				4.3E-11	1.2E-10	3.3E-04	7.7E-04	4.2E-05	4.2E-05	2.1E-12	1.3E-11
PM<10				5.5E-11	1.5E-10	4.4E-04	1.0E-03	5.5E-05	5.5E-05	2.7E-12	1.7E-11
PM<2.5				4.5E-11	1.3E-10	3.8E-04	8.7E-04	4.7E-05	4.7E-05	2.2E-12	1.4E-11
PCBs											
Dichlorobiphenyl	8.7E-17	8.2E-18	1.2E-17	7.0E-18	1.9E-17	1.3E-09	3.1E-09	1.7E-10	1.7E-10	6.5E-16	4.0E-15
Heptachlorobiphenyl	3.3E-18	9.5E-19	1.3E-18	8.1E-19	2.3E-18	1.8E-11	4.2E-11	2.3E-12	2.3E-12	4.1E-17	2.5E-16
Hexachlorobiphenyl	1.3E-17	4.3E-18	6.0E-18	3.6E-18	1.0E-17	7.6E-11	1.8E-10	9.5E-12	9.5E-12	1.9E-16	1.1E-15
Monochlorobiphenyl	6.1E-16	5.7E-17	8.0E-17	4.8E-17	1.4E-16	9.2E-09	2.1E-08	1.2E-09	1.2E-09	4.5E-15	2.8E-14
Nonachlorobiphenyl	4.1E-19	1.7E-19	2.4E-19	1.4E-19	4.0E-19	2.6E-12	5.9E-12	3.2E-13	3.2E-13	7.2E-18	4.5E-17
Octachlorobiphenyl	9.7E-19	3.1E-19	4.3E-19	2.6E-19	7.3E-19	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.3E-17	8.2E-17
Pentachlorobiphenyl	4.4E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	2.6E-10	6.0E-10	3.3E-11	3.3E-11	6.7E-16	4.1E-15
Tetrachlorobiphenyl	2.6E-17	3.1E-18	4.4E-18	2.7E-18	7.4E-18	4.3E-10	9.9E-10	5.4E-11	5.4E-11	2.5E-16	1.5E-15
Trichlorobiphenyl	3.4E-17	3.8E-18	5.3E-18	3.2E-18	8.9E-18	5.5E-10	1.3E-09	6.8E-11	6.8E-11	3.0E-16	1.8E-15

Table H-227 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				9.8E-08	1.1E-09					3.1E-06	1.9E-05
Dieldrin		3.8E-10		4.5E-10						2.2E-11	
SVOCs											
1,2,4-trichlorobenzene						3.9E-09	8.9E-09	4.8E-10	4.8E-10		
1,2-dichlorobenzene	3.9E-20					1.6E-09	3.6E-09	1.9E-10	1.9E-10		
1,3-dichlorobenzene	9.9E-20					2.3E-09	5.4E-09	2.9E-10	2.9E-10		
1,4-dichlorobenzene	1.3E-18					2.2E-08	5.0E-08	2.7E-09	2.7E-09		
2,4-Dimethylphenol	3.6E-17					3.4E-07	7.8E-07	4.2E-08	4.2E-08		
2-Chlorophenol	1.8E-18					6.8E-08	1.6E-07	8.5E-09	8.5E-09		
2-Methylphenol	7.5E-16					8.0E-07	1.8E-06	9.9E-08	9.9E-08		
2-Nitrophenol	4.6E-18					1.1E-07	2.5E-07	1.3E-08	1.3E-08		
3-Methylphenol & 4-Methylphenol				5.3E-14	1.5E-13	1.4E-06	3.3E-06	1.8E-07	1.8E-07	2.6E-15	1.6E-14
4-Nitrophenol	9.3E-18					1.8E-07	4.1E-07	2.2E-08	2.2E-08		
Acetophenone	5.6E-17					1.7E-06	3.9E-06	2.1E-07	2.1E-07		
Benzoic acid	2.3E-16					7.7E-06	1.8E-05	9.6E-07	9.6E-07		
Benzyl alcohol	1.4E-19					6.4E-08	1.5E-07	8.0E-09	8.0E-09		
bis(2-Ethylhexyl) phthalate	7.0E-15	9.6E-14	1.3E-13	1.1E-13	3.2E-13	2.7E-06	6.3E-06	3.4E-07	3.4E-07	5.6E-15	3.4E-14
Butyl benzyl phthalate	2.5E-15	4.7E-17	6.5E-17	5.5E-17	1.5E-16	8.5E-08	2.0E-07	1.1E-08	1.1E-08	2.7E-18	1.7E-17
Carbazole				2.0E-16	5.6E-16	2.4E-09	5.5E-09	3.0E-10	3.0E-10	9.8E-18	6.0E-17
Dibenzofuran		2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.4E-07	3.1E-07	1.7E-08	1.7E-08	3.5E-15	2.1E-14
Dimethyl phthalate	9.2E-19					4.8E-09	1.1E-08	5.9E-10	5.9E-10		
Di-n-butyl phthalate	2.4E-14	4.6E-17	6.5E-17	5.5E-17	1.5E-16	1.3E-07	3.0E-07	1.6E-08	1.6E-08	2.7E-18	1.7E-17
Di-n-octyl phthalate	1.8E-19	1.3E-16	1.9E-16	1.6E-16	4.4E-16	9.2E-09	2.1E-08	1.1E-09	1.1E-09	7.8E-18	4.8E-17

Table H-227 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	9.6E-17					6.3E-07	1.5E-06	7.9E-08	7.9E-08		
Isopropanol						8.5E-02					
Phenol	2.1E-15					4.3E-06	9.9E-06	5.4E-07	5.4E-07		
Pyridine	1.1E-16					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
TRS											
Total Reduced Sulfur						4.2E-06	9.6E-06	5.2E-07	5.2E-07		
VOCs											
1,1,1,2-Tetrachloroethane	3.8E-20					1.9E-09	4.5E-09	2.4E-10	2.4E-10		
1,1,1-Trichloroethane	2.5E-21					1.9E-09	4.4E-09	2.4E-10	2.4E-10		
1,1-Dichloroethene	8.5E-23					3.7E-10	8.6E-10	4.6E-11	4.6E-11		
1,2,3-Trichlorobenzene	2.7E-18					7.6E-09	1.8E-08	9.5E-10	9.5E-10		
1,2,3-Trichloropropane	1.5E-20					1.5E-09	3.6E-09	1.9E-10	1.9E-10		
1,2,4-Trimethylbenzene						8.9E-08	2.1E-07	1.1E-08	1.1E-08		
1,2-Dibromoethane	5.3E-21					9.9E-10	2.3E-09	1.2E-10	1.2E-10		
1,2-Dichloroethane	1.7E-19					3.3E-04	9.1E-08	1.4E-05	1.4E-05		
1,3,5-Trimethylbenzene	8.6E-19					8.4E-08	1.9E-07	1.0E-08	1.0E-08		
1,3-Dichloropropane						9.6E-10	2.2E-09	1.2E-10	1.2E-10		
2-Butanone	3.5E-17					4.7E-07	1.1E-06	5.9E-08	5.9E-08		
2-Chlorotoluene						2.1E-08	4.9E-08	2.6E-09	2.6E-09		
2-Hexanone						9.7E-08	2.2E-07	1.2E-08	1.2E-08		
Benzene	2.8E-17					1.2E-02	2.9E-05	1.4E-04	1.4E-04		
Bromobenzene						5.3E-07	1.2E-06	6.6E-08	6.6E-08		
Bromochloromethane						1.3E-09	2.9E-09	1.6E-10	1.6E-10		
Bromodichloromethane	4.5E-21					1.4E-09	3.1E-09	1.7E-10	1.7E-10		

Table H-227 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromomethane	1.9E-20					5.4E-08	1.3E-07	6.8E-09	6.8E-09		
Carbon disulfide	1.8E-20					4.8E-08	1.1E-07	6.0E-09	6.0E-09		
Carbon tetrachloride	1.9E-21					2.2E-03	7.2E-09	2.2E-04	2.2E-04		
Chlorobenzene	6.7E-19					6.9E-08	1.6E-07	8.6E-09	8.6E-09		
Chlorodibromomethane	2.6E-19					3.4E-08	7.8E-08	4.2E-09	4.2E-09		
Chloroethane	5.3E-20					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
Chloroform	4.0E-20					5.2E-04	6.5E-08	3.4E-05	3.4E-05		
Chloromethane	1.4E-19					4.4E-07	1.0E-06	5.5E-08	5.5E-08		
cis-1,2-Dichloroethene	5.4E-20					5.7E-08	1.3E-07	7.1E-09	7.1E-09		
cis-1,3-Dichloropropene						3.5E-10	8.0E-10	4.3E-11	4.3E-11		
Dibromomethane	6.0E-21					2.9E-09	6.7E-09	3.6E-10	3.6E-10		
Dichlorodifluoromethane	6.7E-23					3.6E-09	8.2E-09	4.4E-10	4.4E-10		
Ethylbenzene	2.1E-17					3.1E-03	6.5E-06	3.5E-07	3.5E-07		
Isopropylbenzene	2.8E-20					2.3E-07	5.2E-07	2.8E-08	2.8E-08		
m&p-Xylene	3.4E-18					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Methyl Isobutyl Ketone (4-methyl-2-per	3.4E-20					5.1E-09	1.2E-08	6.4E-10	6.4E-10		
Methylene chloride	3.7E-19					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
n-Butylbenzene						1.1E-07	2.6E-07	1.4E-08	1.4E-08		
n-Propylbenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08		
o-Xylene	4.0E-18					3.3E-07	7.6E-07	4.1E-08	4.1E-08		
p-Chlorotoluene						7.9E-09	1.8E-08	9.9E-10	9.9E-10		
p-Isopropyltoluene						5.5E-08	1.3E-07	6.9E-09	6.9E-09		
sec-Butylbenzene						2.0E-08	4.7E-08	2.5E-09	2.5E-09		
Styrene	1.3E-16					7.3E-06	1.7E-05	9.1E-07	9.1E-07		

Table H-227 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						6.5E-07	1.5E-06	8.2E-08	8.2E-08		
Tetrachloroethene	9.4E-21					1.7E-09	4.0E-09	2.2E-10	2.2E-10		
Toluene	2.2E-17					4.5E-06	1.0E-05	5.6E-07	5.6E-07		
trans-1,2-Dichloroethene	8.4E-19					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
trans-1,3-Dichloropropene						6.0E-10	1.4E-09	7.5E-11	7.5E-11		
Trichloroethene	9.7E-23					7.2E-05	2.4E-10	1.3E-11	1.3E-11		
Trichlorofluoromethane	1.5E-22					1.2E-09	2.9E-09	1.6E-10	1.6E-10		
Vinyl chloride	6.9E-21					7.1E-08	1.6E-07	8.8E-09	8.8E-09		

Table H-228 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					4.8E-03	4.0E-02	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19

Table H-228 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.2E-02	2.4E-02					5.7E-07	2.6E-06
Antimony	1.6E-17			7.7E-07	4.8E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	3.8E-11	5.2E-11
Arsenic	8.1E-16	2.7E-06	4.6E-07	6.4E-06	2.2E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	5.2E-10	3.9E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				3.3E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.6E-09	4.0E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				2.7E-02	4.0E-02					1.3E-06	4.3E-06
Lead	6.9E-18			1.1E-04	5.3E-05	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.5E-09	5.7E-09
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				2.7E-08	2.7E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	5.2E-08	3.2E-07
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18

Table H-228 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	7.9E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.7E-08	8.5E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Thallium (Soluble Salts)				8.1E-08	1.4E-07					4.0E-12	1.6E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	1.6E-07	2.8E-12	1.5E-07	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	2.3E-09	1.4E-08
Benzo(a)pyrene	3.1E-12	1.7E-07	1.2E-12	1.5E-07	2.3E-12	1.2E-09	2.7E-09	1.5E-10	1.5E-10	7.6E-12	2.4E-16
Benzo(b)fluoranthene	8.3E-13	3.0E-07	7.3E-14	2.7E-07	1.3E-13	1.3E-09	3.0E-09	1.6E-10	1.6E-10	1.3E-11	1.4E-17
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	1.2E-07	1.1E-13	1.1E-07	2.0E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	5.5E-12	2.2E-17

Table H-228 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.4E-07	3.8E-12	2.1E-07	7.0E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.0E-11	7.5E-16
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	4.8E-13	3.1E-13	8.7E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	1.5E-17	9.4E-17
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	9.4E-08	1.3E-12	8.6E-08	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	4.2E-12	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16

Table H-228 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				6.8E-06	7.8E-08					2.2E-07	1.3E-06
Dieldrin		2.7E-08		3.2E-08						1.6E-12	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18

Table H-228 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						5.9E-03					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.3E-05	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.2E-04	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		

Table H-228 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.6E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					3.7E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					2.1E-04	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		

Table H-228 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09				
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11				
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08				
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08				
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12				
Trichloroethene	6.8E-21					5.0E-06	1.7E-11	9.1E-13	9.1E-13				
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11				
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10				

Table H-229 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						1.2E-05	2.8E-05	1.5E-06	1.5E-06		
Aldehydes											
Acetaldehyde	1.3E-15					2.1E-05	4.8E-05	2.6E-06	2.6E-06		
Formaldehyde	6.5E-15					6.8E-02	3.8E-01	1.1E-06	1.1E-06		
Propionaldehyde				3.2E-17	9.0E-17	2.3E-06	5.2E-06	2.8E-07	2.8E-07	2.4E-13	1.5E-12
CO											
Carbon monoxide						6.4E-04	1.5E-03	8.0E-05	8.0E-05		
CO2											
Carbon dioxide						2.0E-05	4.6E-05	2.5E-06	2.5E-06		
Criteria											
Sulfur Dioxide						5.4E-06	1.2E-05	6.8E-07	6.8E-07		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-20	1.8E-17	2.5E-17	7.0E-17	2.0E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	3.4E-18	2.1E-17
1,2,3,4,6,7,8-HpCDF	1.7E-20	1.8E-17	2.5E-17	7.1E-17	2.0E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	3.5E-18	2.1E-17
1,2,3,4,7,8,9-HpCDF	2.6E-21	2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.6E-12	3.6E-12	1.9E-13	1.9E-13	4.0E-19	2.5E-18
1,2,3,4,7,8-HxCDD	2.0E-20	2.0E-18	2.8E-18	7.9E-18	2.2E-17	1.5E-12	3.3E-12	1.8E-13	1.8E-13	3.9E-19	2.4E-18
1,2,3,4,7,8-HxCDF	1.4E-19	1.6E-17	2.2E-17	6.3E-17	1.8E-16	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.1E-18	1.9E-17
1,2,3,6,7,8-HxCDD	3.8E-20	4.1E-18	5.7E-18	1.6E-17	4.5E-17	3.1E-12	7.1E-12	3.8E-13	3.8E-13	7.9E-19	4.9E-18
1,2,3,6,7,8-HxCDF	5.1E-20	5.2E-18	7.3E-18	2.1E-17	5.8E-17	3.8E-12	8.8E-12	4.8E-13	4.8E-13	1.0E-18	6.2E-18
1,2,3,7,8,9-HxCDD	5.5E-20	6.5E-18	9.1E-18	2.6E-17	7.1E-17	4.6E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	7.7E-18
1,2,3,7,8,9-HxCDF	4.1E-21	3.7E-19	5.2E-19	1.5E-18	4.1E-18	2.9E-13	6.8E-13	3.7E-14	3.7E-14	7.2E-20	4.5E-19
1,2,3,7,8-PeCDD	1.1E-19	2.3E-18	3.2E-18	9.0E-18	2.5E-17	1.8E-12	4.3E-12	2.3E-13	2.3E-13	4.4E-19	2.7E-18
1,2,3,7,8-PeCDF	1.5E-19	2.7E-18	3.7E-18	1.1E-17	3.0E-17	2.6E-12	6.1E-12	3.3E-13	3.3E-13	5.2E-19	3.2E-18

Table H-229 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.3E-20	8.2E-18	1.1E-17	3.2E-17	9.0E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	1.6E-18	9.7E-18
2,3,4,7,8-PeCDF	2.3E-19	6.4E-18	9.0E-18	2.5E-17	7.1E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	1.2E-18	7.6E-18
2,3,7,8-TCDD	3.6E-20	4.6E-19	6.4E-19	1.8E-18	5.1E-18	7.4E-13	1.7E-12	9.3E-14	9.3E-14	6.2E-17	3.8E-16
2,3,7,8-TCDF	1.1E-19	8.4E-19	1.2E-18	3.3E-18	9.3E-18	2.7E-12	6.3E-12	3.4E-13	3.4E-13	1.6E-19	1.0E-18
OCDD	2.4E-22	1.2E-17	1.7E-17	4.7E-17	1.3E-16	8.0E-12	1.9E-11	1.0E-12	1.0E-12	2.3E-18	1.4E-17
OCDF	8.8E-23	4.6E-18	6.5E-18	1.8E-17	5.1E-17	3.0E-12	7.0E-12	3.8E-13	3.8E-13	9.0E-19	5.5E-18
HCN											
Hydrogen cyanide						2.3E-06	5.2E-06	2.8E-07	2.8E-07		
Metals											
Aluminum				1.7E-04	2.7E-04					8.1E-06	3.0E-05
Antimony	2.2E-19			1.1E-08	2.4E-09	1.5E-07	3.4E-07	1.9E-08	1.9E-08	5.4E-10	2.6E-10
Arsenic	1.2E-17	3.9E-08	2.6E-09	9.2E-08	1.2E-08	8.5E-09	2.0E-08	1.1E-09	1.1E-09	7.5E-09	2.2E-09
Barium	3.1E-14			3.9E-11	1.1E-10	1.8E-06	4.2E-06	2.2E-07	2.2E-07	1.9E-12	1.2E-11
Beryllium	4.7E-19			1.5E-17	4.2E-17	6.1E-10	1.4E-09	7.7E-11	7.7E-11	7.3E-19	4.5E-18
Cadmium	1.2E-16			1.2E-17	3.3E-17	1.1E-08	2.5E-08	1.4E-09	1.4E-09	5.7E-19	3.5E-18
Chromium	3.5E-17			1.0E-12	2.8E-12	9.2E-08	2.1E-07	1.2E-08	1.2E-08	5.0E-14	3.1E-13
Cobalt				4.6E-07	9.1E-07	1.4E-07	3.2E-07	1.8E-08	1.8E-08	2.3E-08	9.8E-08
Copper				4.2E-12	1.2E-11	2.5E-07	5.9E-07	3.2E-08	3.2E-08	2.0E-13	1.3E-12
Iron				3.9E-04	6.2E-04					1.9E-05	6.6E-05
Lead	9.9E-20			1.6E-06	2.1E-06	8.5E-08	2.0E-07	1.1E-08	1.1E-08	7.8E-08	2.2E-07
Manganese				1.1E-14	3.2E-14	7.8E-08	1.8E-07	9.7E-09	9.7E-09	5.6E-16	3.4E-15
Mercury (+2)				4.6E-16	1.3E-15	3.4E-10	7.8E-10	4.2E-11	4.2E-11	2.2E-17	1.4E-16
Mercury, elemental				3.9E-10	6.3E-10	1.4E-12	3.2E-12	1.8E-13	1.8E-13	7.4E-07	4.6E-06
Methyl Mercury	1.2E-16			2.7E-17	7.6E-17					1.3E-18	8.2E-18

Table H-229 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	4.7E-17			8.0E-06	1.9E-05	5.0E-08	1.1E-07	6.2E-09	6.2E-09	3.9E-07	2.0E-06
Phosphorus				1.1E-16	3.0E-16	3.8E-07	8.7E-07	4.7E-08	4.7E-08	1.0E-12	6.4E-12
Selenium	3.9E-18			5.8E-19	1.6E-18	2.5E-09	5.8E-09	3.1E-10	3.1E-10	2.8E-20	1.7E-19
Silver	2.9E-18			1.1E-14	3.0E-14	1.6E-09	3.8E-09	2.0E-10	2.0E-10	5.2E-16	3.2E-15
Thallium (Soluble Salts)				1.2E-09						5.7E-11	
Titanium				1.1E-16	3.2E-16	8.7E-10	2.0E-09	1.1E-10	1.1E-10	5.6E-18	3.5E-17
Zinc	5.8E-14			2.6E-15	7.4E-15	2.0E-06	4.5E-06	2.4E-07	2.4E-07	1.3E-16	8.0E-16
NOx											
NOx (Oxides of Nitrogen)						2.2E-05	5.2E-05	2.8E-06	2.8E-06		
PAHs											
1-Methylnaphthalene		3.4E-18	4.8E-18	3.1E-18	8.7E-18	4.7E-07	1.1E-06	5.9E-08	5.9E-08	3.5E-15	2.2E-14
1-Methylphenanthrene				2.1E-15	5.8E-15	5.6E-08	1.3E-07	7.0E-09	7.0E-09	1.0E-16	6.3E-16
2,3,5-Trimethylnaphthalene				9.7E-16	2.7E-15	2.8E-08	6.4E-08	3.5E-09	3.5E-09	4.8E-17	2.9E-16
2,6-Dimethylnaphthalene				2.7E-15	7.4E-15	7.4E-08	1.7E-07	9.2E-09	9.2E-09	1.3E-16	8.0E-16
2-Methylnaphthalene		3.3E-18	4.6E-18	3.0E-18	8.4E-18	4.6E-07	1.1E-06	5.7E-08	5.7E-08	3.4E-15	2.1E-14
Acenaphthylene				8.5E-15	2.4E-14	2.7E-07	6.2E-07	3.4E-08	3.4E-08	4.2E-16	2.6E-15
Acenaphthene	4.8E-17					4.9E-08	1.1E-07	6.2E-09	6.2E-09		
Anthracene	6.1E-16					8.7E-08	2.0E-07	1.1E-08	1.1E-08		
Benzo(a)anthracene	8.8E-14	2.4E-09	3.6E-14	2.1E-09	6.5E-14	4.3E-08	9.9E-08	5.3E-09	5.3E-09	3.2E-08	2.0E-07
Benzo(a)pyrene	4.4E-14	2.4E-09	1.9E-09	2.2E-09	3.4E-09	1.7E-08	3.9E-08	2.1E-09	2.1E-09	1.1E-10	3.7E-10
Benzo(b)fluoranthene	1.2E-14	4.3E-09	1.7E-09	3.9E-09	3.1E-09	1.9E-08	4.3E-08	2.3E-09	2.3E-09	1.9E-10	3.3E-10
Benzo(e)pyrene				4.9E-16	1.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	2.4E-17	1.5E-16
Benzo(g,h,i)perylene				3.6E-16	1.0E-15	1.1E-08	2.5E-08	1.4E-09	1.4E-09	1.8E-17	1.1E-16
Benzo(k)fluoranthene	9.8E-17	1.7E-09	1.2E-15	1.6E-09	2.2E-15	1.7E-10	3.8E-10	2.1E-11	2.1E-11	7.8E-11	2.3E-16

Table H-229 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				4.8E-17	1.3E-16	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.8E-14	1.7E-13
Chrysene	1.5E-14	3.4E-09	4.7E-14	3.1E-09	8.6E-14	7.3E-08	1.7E-07	9.1E-09	9.1E-09	1.5E-10	9.3E-15
Dibenze(a,h)anthracene	2.2E-15	4.3E-15	6.0E-15	3.9E-15	1.1E-14	2.7E-09	6.1E-09	3.3E-10	3.3E-10	1.9E-16	1.2E-15
Fluoranthene	4.0E-15	9.1E-16	1.3E-15	8.3E-16	2.3E-15	1.1E-07	2.5E-07	1.3E-08	1.3E-08	4.0E-17	2.5E-16
Fluorene	8.7E-16					2.7E-07	6.2E-07	3.3E-08	3.3E-08		
Indeno(1,2,3-cd)pyrene	5.5E-15	1.3E-09	1.7E-14	1.2E-09	3.0E-14	8.8E-09	2.0E-08	1.1E-09	1.1E-09	6.0E-11	3.3E-15
Napthalene	4.0E-16					2.1E-06	4.9E-06	2.7E-07	2.7E-07		
Perylene				1.9E-16	5.3E-16	6.6E-09	1.5E-08	8.2E-10	8.2E-10	9.2E-18	5.7E-17
Phenanthrene	4.2E-15					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
Pyrene	2.9E-15	3.1E-15	4.3E-15	2.8E-15	7.8E-15	1.0E-07	2.4E-07	1.3E-08	1.3E-08	7.8E-14	4.8E-13
Particulate											
Particulate Total Suspended Particulate				4.3E-11	1.2E-10	3.3E-04	7.7E-04	4.2E-05	4.2E-05	2.1E-12	1.3E-11
PM<10				5.5E-11	1.5E-10	4.4E-04	1.0E-03	5.5E-05	5.5E-05	2.7E-12	1.7E-11
PM<2.5				4.5E-11	1.3E-10	3.8E-04	8.7E-04	4.7E-05	4.7E-05	2.2E-12	1.4E-11
PCBs											
Dichlorobiphenyl	8.7E-17	8.2E-18	1.2E-17	7.0E-18	1.9E-17	1.3E-09	3.1E-09	1.7E-10	1.7E-10	6.5E-16	4.0E-15
Heptachlorobiphenyl	3.3E-18	9.5E-19	1.3E-18	8.1E-19	2.3E-18	1.8E-11	4.2E-11	2.3E-12	2.3E-12	4.1E-17	2.5E-16
Hexachlorobiphenyl	1.3E-17	4.3E-18	6.0E-18	3.6E-18	1.0E-17	7.6E-11	1.8E-10	9.5E-12	9.5E-12	1.9E-16	1.1E-15
Monochlorobiphenyl	6.1E-16	5.7E-17	8.0E-17	4.8E-17	1.4E-16	9.2E-09	2.1E-08	1.2E-09	1.2E-09	4.5E-15	2.8E-14
Nonachlorobiphenyl	4.1E-19	1.7E-19	2.4E-19	1.4E-19	4.0E-19	2.6E-12	5.9E-12	3.2E-13	3.2E-13	7.2E-18	4.5E-17
Octachlorobiphenyl	9.7E-19	3.1E-19	4.3E-19	2.6E-19	7.3E-19	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.3E-17	8.2E-17
Pentachlorobiphenyl	4.4E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	2.6E-10	6.0E-10	3.3E-11	3.3E-11	6.7E-16	4.1E-15
Tetrachlorobiphenyl	2.6E-17	3.1E-18	4.4E-18	2.7E-18	7.4E-18	4.3E-10	9.9E-10	5.4E-11	5.4E-11	2.5E-16	1.5E-15
Trichlorobiphenyl	3.4E-17	3.8E-18	5.3E-18	3.2E-18	8.9E-18	5.5E-10	1.3E-09	6.8E-11	6.8E-11	3.0E-16	1.8E-15

Table H-229 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				9.8E-08	3.9E-09					3.1E-06	1.9E-05
Dieldrin		3.8E-10		4.5E-10						2.2E-11	
SVOCs											
1,2,4-trichlorobenzene						3.9E-09	8.9E-09	4.8E-10	4.8E-10		
1,2-dichlorobenzene	3.9E-20					1.6E-09	3.6E-09	1.9E-10	1.9E-10		
1,3-dichlorobenzene	9.9E-20					2.3E-09	5.4E-09	2.9E-10	2.9E-10		
1,4-dichlorobenzene	1.3E-18					2.2E-08	5.0E-08	2.7E-09	2.7E-09		
2,4-Dimethylphenol	3.6E-17					3.4E-07	7.8E-07	4.2E-08	4.2E-08		
2-Chlorophenol	1.8E-18					6.8E-08	1.6E-07	8.5E-09	8.5E-09		
2-Methylphenol	7.5E-16					8.0E-07	1.8E-06	9.9E-08	9.9E-08		
2-Nitrophenol	4.6E-18					1.1E-07	2.5E-07	1.3E-08	1.3E-08		
3-Methylphenol & 4-Methylphenol				5.3E-14	1.5E-13	1.4E-06	3.3E-06	1.8E-07	1.8E-07	2.6E-15	1.6E-14
4-Nitrophenol	9.3E-18					1.8E-07	4.1E-07	2.2E-08	2.2E-08		
Acetophenone	5.6E-17					1.7E-06	3.9E-06	2.1E-07	2.1E-07		
Benzoic acid	2.3E-16					7.7E-06	1.8E-05	9.6E-07	9.6E-07		
Benzyl alcohol	1.4E-19					6.4E-08	1.5E-07	8.0E-09	8.0E-09		
bis(2-Ethylhexyl) phthalate	7.0E-15	9.6E-14	1.3E-13	1.1E-13	3.2E-13	2.7E-06	6.3E-06	3.4E-07	3.4E-07	5.6E-15	3.4E-14
Butyl benzyl phthalate	2.5E-15	4.7E-17	6.5E-17	5.5E-17	1.5E-16	8.5E-08	2.0E-07	1.1E-08	1.1E-08	2.7E-18	1.7E-17
Carbazole				2.0E-16	5.6E-16	2.4E-09	5.5E-09	3.0E-10	3.0E-10	9.8E-18	6.0E-17
Dibenzofuran		2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.4E-07	3.1E-07	1.7E-08	1.7E-08	3.5E-15	2.1E-14
Dimethyl phthalate	9.2E-19					4.8E-09	1.1E-08	5.9E-10	5.9E-10		
Di-n-butyl phthalate	2.4E-14	4.6E-17	6.5E-17	5.5E-17	1.5E-16	1.3E-07	3.0E-07	1.6E-08	1.6E-08	2.7E-18	1.7E-17
Di-n-octyl phthalate	1.8E-19	1.3E-16	1.9E-16	1.6E-16	4.4E-16	9.2E-09	2.1E-08	1.1E-09	1.1E-09	7.8E-18	4.8E-17

Table H-229 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	9.6E-17					6.3E-07	1.5E-06	7.9E-08	7.9E-08		
Isopropanol						8.5E-02					
Phenol	2.1E-15					4.3E-06	9.9E-06	5.4E-07	5.4E-07		
Pyridine	1.1E-16					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
TRS											
Total Reduced Sulfur						4.2E-06	9.6E-06	5.2E-07	5.2E-07		
VOCs											
1,1,1,2-Tetrachloroethane	3.8E-20					1.9E-09	4.5E-09	2.4E-10	2.4E-10		
1,1,1-Trichloroethane	2.5E-21					1.9E-09	4.4E-09	2.4E-10	2.4E-10		
1,1-Dichloroethene	8.5E-23					3.7E-10	8.6E-10	4.6E-11	4.6E-11		
1,2,3-Trichlorobenzene	2.7E-18					7.6E-09	1.8E-08	9.5E-10	9.5E-10		
1,2,3-Trichloropropane	1.5E-20					1.5E-09	3.6E-09	1.9E-10	1.9E-10		
1,2,4-Trimethylbenzene						8.9E-08	2.1E-07	1.1E-08	1.1E-08		
1,2-Dibromoethane	5.3E-21					9.9E-10	2.3E-09	1.2E-10	1.2E-10		
1,2-Dichloroethane	1.7E-19					3.3E-04	9.1E-08	1.4E-05	1.4E-05		
1,3,5-Trimethylbenzene	8.6E-19					8.4E-08	1.9E-07	1.0E-08	1.0E-08		
1,3-Dichloropropane						9.6E-10	2.2E-09	1.2E-10	1.2E-10		
2-Butanone	3.5E-17					4.7E-07	1.1E-06	5.9E-08	5.9E-08		
2-Chlorotoluene						2.1E-08	4.9E-08	2.6E-09	2.6E-09		
2-Hexanone						9.7E-08	2.2E-07	1.2E-08	1.2E-08		
Benzene	2.8E-17					1.2E-02	2.9E-05	1.4E-04	1.4E-04		
Bromobenzene						5.3E-07	1.2E-06	6.6E-08	6.6E-08		
Bromochloromethane						1.3E-09	2.9E-09	1.6E-10	1.6E-10		
Bromodichloromethane	4.5E-21					1.4E-09	3.1E-09	1.7E-10	1.7E-10		

Table H-229 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromomethane	1.9E-20					5.4E-08	1.3E-07	6.8E-09	6.8E-09		
Carbon disulfide	1.8E-20					4.8E-08	1.1E-07	6.0E-09	6.0E-09		
Carbon tetrachloride	1.9E-21					2.2E-03	7.2E-09	2.2E-04	2.2E-04		
Chlorobenzene	6.7E-19					6.9E-08	1.6E-07	8.6E-09	8.6E-09		
Chlorodibromomethane	2.6E-19					3.4E-08	7.8E-08	4.2E-09	4.2E-09		
Chloroethane	5.3E-20					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
Chloroform	4.0E-20					5.2E-04	6.5E-08	3.4E-05	3.4E-05		
Chloromethane	1.4E-19					4.4E-07	1.0E-06	5.5E-08	5.5E-08		
cis-1,2-Dichloroethene	5.4E-20					5.7E-08	1.3E-07	7.1E-09	7.1E-09		
cis-1,3-Dichloropropene						3.5E-10	8.0E-10	4.3E-11	4.3E-11		
Dibromomethane	6.0E-21					2.9E-09	6.7E-09	3.6E-10	3.6E-10		
Dichlorodifluoromethane	6.7E-23					3.6E-09	8.2E-09	4.4E-10	4.4E-10		
Ethylbenzene	2.1E-17					3.1E-03	6.5E-06	3.5E-07	3.5E-07		
Isopropylbenzene	2.8E-20					2.3E-07	5.2E-07	2.8E-08	2.8E-08		
m&p-Xylene	3.4E-18					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Methyl Isobutyl Ketone (4-methyl-2-per	3.4E-20					5.1E-09	1.2E-08	6.4E-10	6.4E-10		
Methylene chloride	3.7E-19					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
n-Butylbenzene						1.1E-07	2.6E-07	1.4E-08	1.4E-08		
n-Propylbenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08		
o-Xylene	4.0E-18					3.3E-07	7.6E-07	4.1E-08	4.1E-08		
p-Chlorotoluene						7.9E-09	1.8E-08	9.9E-10	9.9E-10		
p-Isopropyltoluene						5.5E-08	1.3E-07	6.9E-09	6.9E-09		
sec-Butylbenzene						2.0E-08	4.7E-08	2.5E-09	2.5E-09		
Styrene	1.3E-16					7.3E-06	1.7E-05	9.1E-07	9.1E-07		

Table H-229 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						6.5E-07	1.5E-06	8.2E-08	8.2E-08		
Tetrachloroethene	9.4E-21					1.7E-09	4.0E-09	2.2E-10	2.2E-10		
Toluene	2.2E-17					4.5E-06	1.0E-05	5.6E-07	5.6E-07		
trans-1,2-Dichloroethene	8.4E-19					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
trans-1,3-Dichloropropene						6.0E-10	1.4E-09	7.5E-11	7.5E-11		
Trichloroethene	9.7E-23					7.2E-05	2.4E-10	1.3E-11	1.3E-11		
Trichlorofluoromethane	1.5E-22					1.2E-09	2.9E-09	1.6E-10	1.6E-10		
Vinyl chloride	6.9E-21					7.1E-08	1.6E-07	8.8E-09	8.8E-09		

Table H-230 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					4.8E-03	2.7E-02	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19

Table H-230 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.2E-02	1.9E-02					5.7E-07	2.1E-06
Antimony	1.6E-17			7.7E-07	1.7E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	3.8E-11	1.8E-11
Arsenic	8.1E-16	2.7E-06	1.8E-07	6.4E-06	8.6E-07	5.9E-10	1.4E-09	7.4E-11	7.4E-11	5.2E-10	1.6E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				3.3E-05	6.4E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.6E-09	6.9E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				2.7E-02	4.3E-02					1.3E-06	4.7E-06
Lead	6.9E-18			1.1E-04	1.4E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.5E-09	1.6E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				2.7E-08	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	5.2E-08	3.2E-07
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18

Table H-230 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	1.3E-03	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.7E-08	1.4E-07
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Thallium (Soluble Salts)				8.1E-08						4.0E-12	
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	1.6E-07	2.8E-12	1.5E-07	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	2.3E-09	1.4E-08
Benzo(a)pyrene	3.1E-12	1.7E-07	1.3E-07	1.5E-07	2.4E-07	1.2E-09	2.7E-09	1.5E-10	1.5E-10	7.6E-12	2.6E-11
Benzo(b)fluoranthene	8.3E-13	3.0E-07	1.2E-07	2.7E-07	2.2E-07	1.3E-09	3.0E-09	1.6E-10	1.6E-10	1.3E-11	2.3E-11
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	1.2E-07	1.1E-13	1.1E-07	2.0E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	5.5E-12	2.2E-17

Table H-230 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.4E-07	3.8E-12	2.1E-07	7.0E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.0E-11	7.5E-16
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	4.8E-13	3.1E-13	8.7E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	1.5E-17	9.4E-17
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	9.4E-08	1.3E-12	8.6E-08	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	4.2E-12	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16

Table H-230 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				6.8E-06	2.8E-07					2.2E-07	1.3E-06
Dieldrin		2.7E-08		3.2E-08						1.6E-12	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18

Table H-230 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						5.9E-03					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.3E-05	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.2E-04	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		

Table H-230 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.6E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					3.7E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					2.1E-04	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		

Table H-230 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					5.0E-06	1.7E-11	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10		

Table H-231 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						1.2E-05	4.3E-04	1.5E-06	1.4E-04		
Aldehydes											
Acetaldehyde	1.3E-15					2.1E-05	7.4E-04	2.6E-06	2.5E-04		
Formaldehyde	6.5E-15					6.8E-02	2.9E-04	1.1E-06	9.7E-05		
Propionaldehyde				3.2E-17	1.0E-15	2.3E-06	8.2E-05	2.8E-07	2.7E-05	2.4E-13	1.7E-11
CO											
Carbon monoxide						6.4E-04	2.4E-02	8.0E-05	7.9E-03		
CO2											
Carbon dioxide						2.0E-05	7.2E-04	2.5E-06	2.4E-04		
Criteria											
Sulfur Dioxide						5.4E-06	1.7E-04	6.8E-07	5.8E-05		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-20	1.8E-17	3.3E-16	7.0E-17	2.6E-15	1.2E-11	4.8E-10	1.5E-12	1.6E-10	3.4E-18	2.8E-16
1,2,3,4,6,7,8-HpCDF	1.7E-20	1.8E-17	3.3E-16	7.1E-17	2.6E-15	1.2E-11	4.9E-10	1.5E-12	1.6E-10	3.5E-18	2.8E-16
1,2,3,4,7,8,9-HpCDF	2.6E-21	2.1E-18	4.0E-17	8.1E-18	3.2E-16	1.6E-12	6.3E-11	1.9E-13	2.1E-11	4.0E-19	3.4E-17
1,2,3,4,7,8-HxCDD	2.0E-20	2.0E-18	3.9E-17	7.9E-18	3.1E-16	1.5E-12	5.9E-11	1.8E-13	2.0E-11	3.9E-19	3.3E-17
1,2,3,4,7,8-HxCDF	1.4E-19	1.6E-17	3.1E-16	6.3E-17	2.4E-15	1.2E-11	4.8E-10	1.5E-12	1.6E-10	3.1E-18	2.6E-16
1,2,3,6,7,8-HxCDD	3.8E-20	4.1E-18	8.0E-17	1.6E-17	6.3E-16	3.1E-12	1.2E-10	3.8E-13	4.1E-11	7.9E-19	6.8E-17
1,2,3,6,7,8-HxCDF	5.1E-20	5.2E-18	1.0E-16	2.1E-17	8.0E-16	3.8E-12	1.6E-10	4.8E-13	5.2E-11	1.0E-18	8.7E-17
1,2,3,7,8,9-HxCDD	5.5E-20	6.5E-18	1.2E-16	2.6E-17	9.9E-16	4.6E-12	1.9E-10	5.8E-13	6.3E-11	1.3E-18	1.1E-16
1,2,3,7,8,9-HxCDF	4.1E-21	3.7E-19	7.3E-18	1.5E-18	5.8E-17	2.9E-13	1.2E-11	3.7E-14	4.0E-12	7.2E-20	6.3E-18
1,2,3,7,8-PeCDD	1.1E-19	2.3E-18	4.5E-17	9.0E-18	3.5E-16	1.8E-12	7.5E-11	2.3E-13	2.5E-11	4.4E-19	3.8E-17
1,2,3,7,8-PeCDF	1.5E-19	2.7E-18	5.3E-17	1.1E-17	4.2E-16	2.6E-12	1.1E-10	3.3E-13	3.6E-11	5.2E-19	4.5E-17

Table H-231 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.3E-20	8.2E-18	1.5E-16	3.2E-17	1.2E-15	5.9E-12	2.4E-10	7.4E-13	7.9E-11	1.6E-18	1.3E-16
2,3,4,7,8-PeCDF	2.3E-19	6.4E-18	1.3E-16	2.5E-17	9.9E-16	5.9E-12	2.4E-10	7.4E-13	8.0E-11	1.2E-18	1.1E-16
2,3,7,8-TCDD	3.6E-20	4.6E-19	6.7E-18	1.8E-18	5.3E-17	7.4E-13	2.5E-11	9.3E-14	8.3E-12	6.2E-17	3.9E-15
2,3,7,8-TCDF	1.1E-19	8.4E-19	1.7E-17	3.3E-18	1.3E-16	2.7E-12	1.1E-10	3.4E-13	3.7E-11	1.6E-19	1.4E-17
OCDD	2.4E-22	1.2E-17	2.2E-16	4.7E-17	1.7E-15	8.0E-12	3.2E-10	1.0E-12	1.1E-10	2.3E-18	1.9E-16
OCDF	8.8E-23	4.6E-18	8.3E-17	1.8E-17	6.5E-16	3.0E-12	1.2E-10	3.8E-13	3.9E-11	9.0E-19	7.1E-17
HCN											
Hydrogen cyanide						2.3E-06	8.8E-05	2.8E-07	2.9E-05		
Metals											
Aluminum				1.7E-04						8.1E-06	
Antimony	2.2E-19			1.1E-08		1.5E-07	3.7E-06	1.9E-08	1.2E-06	5.4E-10	
Arsenic	1.2E-17	3.9E-08	6.9E-19	9.2E-08	3.3E-18	8.5E-09	3.0E-07	1.1E-09	1.0E-07	7.5E-09	5.9E-19
Barium	3.1E-14			3.9E-11	1.3E-09	1.8E-06	4.8E-05	2.2E-07	1.6E-05	1.9E-12	1.5E-10
Beryllium	4.7E-19			1.5E-17	5.6E-16	6.1E-10	2.1E-08	7.7E-11	6.9E-09	7.3E-19	6.1E-17
Cadmium	1.2E-16			1.2E-17	4.5E-16	1.1E-08	3.8E-07	1.4E-09	1.3E-07	5.7E-19	4.8E-17
Chromium	3.5E-17			1.0E-12	4.0E-11	9.2E-08	3.3E-06	1.2E-08	1.1E-06	5.0E-14	4.3E-12
Cobalt				4.6E-07	1.3E-10	1.4E-07	2.6E-06	1.8E-08	8.5E-07	2.3E-08	1.3E-11
Copper				4.2E-12	1.6E-10	2.5E-07	8.7E-06	3.2E-08	2.9E-06	2.0E-13	1.7E-11
Iron				3.9E-04						1.9E-05	
Lead	9.9E-20			1.6E-06	5.5E-14	8.5E-08	2.8E-06	1.1E-08	9.3E-07	7.8E-08	5.9E-15
Manganese				1.1E-14	4.4E-13	7.8E-08	2.7E-06	9.7E-09	9.0E-07	5.6E-16	4.7E-14
Mercury (+2)				4.6E-16	1.4E-14	3.4E-10	1.2E-08	4.2E-11	4.0E-09	2.2E-17	1.5E-15
Mercury, elemental				3.9E-10		1.4E-12	4.9E-11	1.8E-13	1.6E-11	7.4E-07	
Methyl Mercury	1.2E-16			2.7E-17	1.1E-15					1.3E-18	1.1E-16

Table H-231 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	4.7E-17			8.0E-06	2.2E-15	5.0E-08	1.7E-06	6.2E-09	5.7E-07	3.9E-07	2.4E-16
Phosphorus				1.1E-16	4.0E-15	3.8E-07	1.2E-05	4.7E-08	4.1E-06	1.0E-12	8.4E-11
Selenium	3.9E-18			5.8E-19	2.2E-17	2.5E-09	8.7E-08	3.1E-10	2.9E-08	2.8E-20	2.4E-18
Silver	2.9E-18			1.1E-14	3.9E-13	1.6E-09	5.3E-08	2.0E-10	1.8E-08	5.2E-16	4.3E-14
Thallium (Soluble Salts)				1.2E-09						5.7E-11	
Titanium				1.1E-16	4.6E-15	8.7E-10	3.3E-08	1.1E-10	1.1E-08	5.6E-18	5.0E-16
Zinc	5.8E-14			2.6E-15	9.3E-14	2.0E-06	5.6E-05	2.4E-07	1.9E-05	1.3E-16	1.0E-14
NOx											
NOx (Oxides of Nitrogen)						2.2E-05	7.5E-04	2.8E-06	2.5E-04		
PAHs											
1-Methylnaphthalene		3.4E-18	6.9E-17	3.1E-18	1.3E-16	4.7E-07	2.0E-05	5.9E-08	6.5E-06	3.5E-15	3.2E-13
1-Methylphenanthrene				2.1E-15	8.6E-14	5.6E-08	2.4E-06	7.0E-09	7.9E-07	1.0E-16	9.3E-15
2,3,5-Trimethylnaphthalene				9.7E-16	4.2E-14	2.8E-08	1.2E-06	3.5E-09	4.0E-07	4.8E-17	4.6E-15
2,6-Dimethylnaphthalene				2.7E-15	1.1E-13	7.4E-08	3.1E-06	9.2E-09	1.0E-06	1.3E-16	1.2E-14
2-Methylnaphthalene		3.3E-18	6.7E-17	3.0E-18	1.2E-16	4.6E-07	1.9E-05	5.7E-08	6.3E-06	3.4E-15	3.1E-13
Acenaphthylene				8.5E-15	3.6E-13	2.7E-07	1.1E-05	3.4E-08	3.8E-06	4.2E-16	3.9E-14
Acenaphthene	4.8E-17					4.9E-08	2.1E-06	6.2E-09	6.9E-07		
Anthracene	6.1E-16					8.7E-08	3.7E-06	1.1E-08	1.2E-06		
Benzo(a)anthracene	8.8E-14	2.4E-09	5.7E-13	2.1E-09	1.0E-12	4.3E-08	1.8E-06	5.3E-09	6.2E-07	3.2E-08	3.5E-11
Benzo(a)pyrene	4.4E-14	2.4E-09	2.4E-13	2.2E-09	4.4E-13	1.7E-08	7.0E-07	2.1E-09	2.3E-07	1.1E-10	4.8E-14
Benzo(b)fluoranthene	1.2E-14	4.3E-09	1.3E-14	3.9E-09	2.4E-14	1.9E-08	7.6E-07	2.3E-09	2.5E-07	1.9E-10	2.6E-15
Benzo(e)pyrene				4.9E-16	1.9E-14	1.4E-08	5.8E-07	1.8E-09	1.9E-07	2.4E-17	2.1E-15
Benzo(g,h,i)perylene				3.6E-16	1.5E-14	1.1E-08	4.5E-07	1.4E-09	1.5E-07	1.8E-17	1.6E-15
Benzo(k)fluoranthene	9.8E-17	1.7E-09	7.8E-15	1.6E-09	1.4E-14	1.7E-10	3.0E-09	2.1E-11	9.9E-10	7.8E-11	1.5E-15

Table H-231 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				4.8E-17	2.0E-15	1.6E-06	6.7E-05	2.0E-07	2.2E-05	2.8E-14	2.6E-12
Chrysene	1.5E-14	3.4E-09	6.9E-13	3.1E-09	1.3E-12	7.3E-08	3.0E-06	9.1E-09	1.0E-06	1.5E-10	1.4E-13
Dibenze(a,h)anthracene	2.2E-15	4.3E-15	8.5E-14	3.9E-15	1.6E-13	2.7E-09	1.1E-07	3.3E-10	3.6E-08	1.9E-16	1.7E-14
Fluoranthene	4.0E-15	9.1E-16	1.8E-14	8.3E-16	3.4E-14	1.1E-07	4.4E-06	1.3E-08	1.5E-06	4.0E-17	3.6E-15
Fluorene	8.7E-16					2.7E-07	1.1E-05	3.3E-08	3.8E-06		
Indeno(1,2,3-cd)pyrene	5.5E-15	1.3E-09	2.4E-13	1.2E-09	4.3E-13	8.8E-09	3.6E-07	1.1E-09	1.2E-07	6.0E-11	4.7E-14
Napthalene	4.0E-16					2.1E-06	8.8E-05	2.7E-07	2.9E-05		
Perylene				1.9E-16	8.8E-15	6.6E-09	2.9E-07	8.2E-10	9.7E-08	9.2E-18	9.5E-16
Phenanthrene	4.2E-15					5.0E-07	2.1E-05	6.3E-08	6.9E-06		
Pyrene	2.9E-15	3.1E-15	6.3E-14	2.8E-15	1.1E-13	1.0E-07	4.3E-06	1.3E-08	1.4E-06	7.8E-14	7.0E-12
Particulate											
Particulate Total Suspended Particulate				4.3E-11	1.7E-09	3.3E-04	1.3E-02	4.2E-05	4.3E-03	2.1E-12	1.9E-10
PM<10				5.5E-11	2.3E-09	4.4E-04	1.7E-02	5.5E-05	5.8E-03	2.7E-12	2.4E-10
PM<2.5				4.5E-11	1.9E-09	3.8E-04	1.5E-02	4.7E-05	5.0E-03	2.2E-12	2.1E-10
PCBs											
Dichlorobiphenyl	8.7E-17	8.2E-18	1.6E-16	7.0E-18	2.8E-16	1.3E-09	5.4E-08	1.7E-10	1.8E-08	6.5E-16	5.7E-14
Heptachlorobiphenyl	3.3E-18	9.5E-19	1.8E-17	8.1E-19	3.1E-17	1.8E-11	7.3E-10	2.3E-12	2.4E-10	4.1E-17	3.5E-15
Hexachlorobiphenyl	1.3E-17	4.3E-18	7.7E-17	3.6E-18	1.3E-16	7.6E-11	3.0E-09	9.5E-12	9.9E-10	1.9E-16	1.5E-14
Monochlorobiphenyl	6.1E-16	5.7E-17	1.1E-15	4.8E-17	1.9E-15	9.2E-09	3.8E-07	1.2E-09	1.3E-07	4.5E-15	4.0E-13
Nonachlorobiphenyl	4.1E-19	1.7E-19	2.6E-18	1.4E-19	4.4E-18	2.6E-12	9.1E-11	3.2E-13	3.0E-11	7.2E-18	5.0E-16
Octachlorobiphenyl	9.7E-19	3.1E-19	5.6E-18	2.6E-19	9.5E-18	5.5E-12	2.2E-10	6.9E-13	7.2E-11	1.3E-17	1.1E-15
Pentachlorobiphenyl	4.4E-17	1.6E-17	2.7E-16	1.3E-17	4.5E-16	2.6E-10	9.9E-09	3.3E-11	3.3E-09	6.7E-16	5.0E-14
Tetrachlorobiphenyl	2.6E-17	3.1E-18	5.3E-17	2.7E-18	9.0E-17	4.3E-10	1.6E-08	5.4E-11	5.4E-09	2.5E-16	1.8E-14
Trichlorobiphenyl	3.4E-17	3.8E-18	6.7E-17	3.2E-18	1.1E-16	5.5E-10	2.1E-08	6.8E-11	7.0E-09	3.0E-16	2.3E-14

Table H-231 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				9.8E-08						3.1E-06	
Dieldrin		3.8E-10		4.5E-10						2.2E-11	
SVOCs											
1,2,4-trichlorobenzene						3.9E-09	1.2E-07	4.8E-10	4.1E-08		
1,2-dichlorobenzene	3.9E-20					1.6E-09	2.8E-08	1.9E-10	9.2E-09		
1,3-dichlorobenzene	9.9E-20					2.3E-09	7.9E-08	2.9E-10	2.6E-08		
1,4-dichlorobenzene	1.3E-18					2.2E-08	9.7E-07	2.7E-09	3.2E-07		
2,4-Dimethylphenol	3.6E-17					3.4E-07	1.4E-05	4.2E-08	4.5E-06		
2-Chlorophenol	1.8E-18					6.8E-08	2.9E-06	8.5E-09	9.8E-07		
2-Methylphenol	7.5E-16					8.0E-07	3.3E-05	9.9E-08	1.1E-05		
2-Nitrophenol	4.6E-18					1.1E-07	4.5E-06	1.3E-08	1.5E-06		
3-Methylphenol & 4-Methylphenol				5.3E-14	2.2E-12	1.4E-06	6.0E-05	1.8E-07	2.0E-05	2.6E-15	2.4E-13
4-Nitrophenol	9.3E-18					1.8E-07	6.9E-06	2.2E-08	2.3E-06		
Acetophenone	5.6E-17					1.7E-06	7.0E-05	2.1E-07	2.3E-05		
Benzoic acid	2.3E-16					7.7E-06	3.2E-04	9.6E-07	1.1E-04		
Benzyl alcohol	1.4E-19					6.4E-08	1.9E-06	8.0E-09	6.5E-07		
bis(2-Ethylhexyl) phthalate	7.0E-15	9.6E-14	1.7E-12	1.1E-13	4.1E-12	2.7E-06	1.1E-04	3.4E-07	3.5E-05	5.6E-15	4.4E-13
Butyl benzyl phthalate	2.5E-15	4.7E-17	9.5E-16	5.5E-17	2.2E-15	8.5E-08	3.5E-06	1.1E-08	1.2E-06	2.7E-18	2.4E-16
Carbazole				2.0E-16	3.7E-15	2.4E-09	4.3E-08	3.0E-10	1.4E-08	9.8E-18	4.0E-16
Dibenzofuran		2.1E-18	4.1E-17	8.1E-18	3.2E-16	1.4E-07	5.6E-06	1.7E-08	1.9E-06	3.5E-15	3.0E-13
Dimethyl phthalate	9.2E-19					4.8E-09	8.5E-08	5.9E-10	2.8E-08		
Di-n-butyl phthalate	2.4E-14	4.6E-17	9.5E-16	5.5E-17	2.3E-15	1.3E-07	5.4E-06	1.6E-08	1.8E-06	2.7E-18	2.4E-16
Di-n-octyl phthalate	1.8E-19	1.3E-16	1.2E-15	1.6E-16	2.9E-15	9.2E-09	1.6E-07	1.1E-09	5.5E-08	7.8E-18	3.2E-16

Table H-231 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	9.6E-17					6.3E-07	1.1E-05	7.9E-08	3.8E-06		
Isopropanol						8.5E-02					
Phenol	2.1E-15					4.3E-06	1.8E-04	5.4E-07	5.9E-05		
Pyridine	1.1E-16					4.1E-07	1.7E-05	5.1E-08	5.7E-06		
TRS											
Total Reduced Sulfur						4.2E-06	1.8E-04	5.2E-07	6.0E-05		
VOCs											
1,1,1,2-Tetrachloroethane	3.8E-20					1.9E-09	6.5E-08	2.4E-10	2.2E-08		
1,1,1-Trichloroethane	2.5E-21					1.9E-09	7.1E-08	2.4E-10	2.4E-08		
1,1-Dichloroethene	8.5E-23					3.7E-10	6.6E-09	4.6E-11	2.2E-09		
1,2,3-Trichlorobenzene	2.7E-18					7.6E-09	2.8E-07	9.5E-10	9.4E-08		
1,2,3-Trichloropropane	1.5E-20					1.5E-09	2.8E-08	1.9E-10	9.2E-09		
1,2,4-Trimethylbenzene						8.9E-08	2.8E-06	1.1E-08	9.4E-07		
1,2-Dibromoethane	5.3E-21					9.9E-10	1.8E-08	1.2E-10	5.9E-09		
1,2-Dichloroethane	1.7E-19					3.3E-04	1.5E-06	1.4E-05	5.0E-07		
1,3,5-Trimethylbenzene	8.6E-19					8.4E-08	2.5E-06	1.0E-08	8.3E-07		
1,3-Dichloropropane						9.6E-10	1.7E-08	1.2E-10	5.7E-09		
2-Butanone	3.5E-17					4.7E-07	1.9E-05	5.9E-08	6.2E-06		
2-Chlorotoluene						2.1E-08	8.7E-07	2.6E-09	2.9E-07		
2-Hexanone						9.7E-08	3.5E-06	1.2E-08	1.2E-06		
Benzene	2.8E-17					1.2E-02	4.9E-04	1.4E-04	1.6E-04		
Bromobenzene						5.3E-07	9.5E-06	6.6E-08	3.2E-06		
Bromochloromethane						1.3E-09	2.2E-08	1.6E-10	7.5E-09		
Bromodichloromethane	4.5E-21					1.4E-09	2.4E-08	1.7E-10	8.1E-09		

Table H-231 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromomethane	1.9E-20					5.4E-08	1.6E-06	6.8E-09	5.5E-07		
Carbon disulfide	1.8E-20					4.8E-08	1.4E-06	6.0E-09	4.7E-07		
Carbon tetrachloride	1.9E-21					2.2E-03	5.6E-08	2.2E-04	1.9E-08		
Chlorobenzene	6.7E-19					6.9E-08	2.5E-06	8.6E-09	8.2E-07		
Chlorodibromomethane	2.6E-19					3.4E-08	6.0E-07	4.2E-09	2.0E-07		
Chloroethane	5.3E-20					1.3E-07	4.5E-06	1.6E-08	1.5E-06		
Chloroform	4.0E-20					5.2E-04	5.5E-07	3.4E-05	1.8E-07		
Chloromethane	1.4E-19					4.4E-07	1.3E-05	5.5E-08	4.5E-06		
cis-1,2-Dichloroethene	5.4E-20					5.7E-08	1.0E-06	7.1E-09	3.4E-07		
cis-1,3-Dichloropropene						3.5E-10	6.2E-09	4.3E-11	2.1E-09		
Dibromomethane	6.0E-21					2.9E-09	5.2E-08	3.6E-10	1.7E-08		
Dichlorodifluoromethane	6.7E-23					3.6E-09	6.3E-08	4.4E-10	2.1E-08		
Ethylbenzene	2.1E-17					3.1E-03	1.1E-04	3.5E-07	3.5E-05		
Isopropylbenzene	2.8E-20					2.3E-07	7.7E-06	2.8E-08	2.6E-06		
m&p-Xylene	3.4E-18					5.2E-07	1.8E-05	6.5E-08	5.9E-06		
Methyl Isobutyl Ketone (4-methyl-2-per	3.4E-20					5.1E-09	9.1E-08	6.4E-10	3.0E-08		
Methylene chloride	3.7E-19					2.6E-07	9.5E-06	3.2E-08	3.2E-06		
n-Butylbenzene						1.1E-07	3.3E-06	1.4E-08	1.1E-06		
n-Propylbenzene						1.3E-07	4.4E-06	1.7E-08	1.5E-06		
o-Xylene	4.0E-18					3.3E-07	1.1E-05	4.1E-08	3.6E-06		
p-Chlorotoluene						7.9E-09	2.4E-07	9.9E-10	8.0E-08		
p-Isopropyltoluene						5.5E-08	1.3E-06	6.9E-09	4.4E-07		
sec-Butylbenzene						2.0E-08	6.2E-07	2.5E-09	2.1E-07		
Styrene	1.3E-16					7.3E-06	2.7E-04	9.1E-07	8.9E-05		

Table H-231 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						6.5E-07	1.2E-05	8.2E-08	3.9E-06		
Tetrachloroethene	9.4E-21					1.7E-09	6.0E-08	2.2E-10	2.0E-08		
Toluene	2.2E-17					4.5E-06	1.8E-04	5.6E-07	5.9E-05		
trans-1,2-Dichloroethene	8.4E-19					1.2E-06	2.2E-05	1.5E-07	7.2E-06		
trans-1,3-Dichloropropene						6.0E-10	1.1E-08	7.5E-11	3.6E-09		
Trichloroethene	9.7E-23					7.2E-05	1.9E-09	1.3E-11	6.2E-10		
Trichlorofluoromethane	1.5E-22					1.2E-09	2.2E-08	1.6E-10	7.4E-09		
Vinyl chloride	6.9E-21					7.1E-08	1.7E-06	8.8E-09	5.7E-07		

Table H-232 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	3.0E-05	1.0E-07	9.9E-06		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	5.2E-05	1.8E-07	1.7E-05		
Formaldehyde	4.5E-13					4.8E-03	2.0E-05	7.7E-08	6.8E-06		
Propionaldehyde				2.2E-15	7.2E-14	1.6E-07	5.8E-06	2.0E-08	1.9E-06	1.7E-14	1.2E-12
CO											
Carbon monoxide						4.5E-05	1.7E-03	5.6E-06	5.6E-04		
CO2											
Carbon dioxide						1.4E-06	5.0E-05	1.8E-07	1.7E-05		
Criteria											
Sulfur Dioxide						3.8E-07	1.2E-05	4.7E-08	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	4.0E-14	8.5E-15	3.2E-13	8.5E-13	3.4E-11	1.1E-13	1.1E-11	4.2E-19	3.4E-17
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	4.1E-14	8.6E-15	3.2E-13	8.6E-13	3.4E-11	1.1E-13	1.1E-11	4.2E-19	3.5E-17
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	4.9E-15	9.9E-16	3.9E-14	1.1E-13	4.4E-12	1.4E-14	1.5E-12	4.8E-20	4.2E-18
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	4.7E-15	9.7E-16	3.7E-14	1.0E-13	4.1E-12	1.3E-14	1.4E-12	4.7E-20	4.0E-18
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	3.8E-14	7.7E-15	3.0E-13	8.3E-13	3.3E-11	1.0E-13	1.1E-11	3.8E-19	3.2E-17
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	9.7E-15	2.0E-15	7.7E-14	2.1E-13	8.7E-12	2.7E-14	2.9E-12	9.7E-20	8.3E-18
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	1.2E-14	2.5E-15	9.8E-14	2.7E-13	1.1E-11	3.4E-14	3.6E-12	1.2E-19	1.1E-17
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.5E-14	3.1E-15	1.2E-13	3.2E-13	1.3E-11	4.1E-14	4.4E-12	1.5E-19	1.3E-17
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	8.9E-16	1.8E-16	7.1E-15	2.1E-14	8.4E-13	2.6E-15	2.8E-13	8.8E-21	7.6E-19
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	5.4E-15	1.1E-15	4.3E-14	1.3E-13	5.3E-12	1.6E-14	1.8E-12	5.4E-20	4.6E-18
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	6.4E-15	1.3E-15	5.1E-14	1.8E-13	7.5E-12	2.3E-14	2.5E-12	6.3E-20	5.5E-18

Table H-232 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.9E-14	3.9E-15	1.5E-13	4.2E-13	1.7E-11	5.2E-14	5.6E-12	1.9E-19	1.6E-17
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.5E-14	3.1E-15	1.2E-13	4.1E-13	1.7E-11	5.2E-14	5.6E-12	1.5E-19	1.3E-17
2,3,7,8-TCDD	2.7E-18	5.5E-17	8.0E-16	2.2E-16	6.3E-15	5.2E-14	1.7E-12	6.5E-15	5.8E-13	7.4E-18	4.7E-16
2,3,7,8-TCDF	8.2E-18	1.0E-16	2.0E-15	4.0E-16	1.6E-14	1.9E-13	7.8E-12	2.4E-14	2.6E-12	2.0E-20	1.7E-18
OCDD	2.5E-20	1.5E-15	2.7E-14	5.8E-15	2.1E-13	5.6E-13	2.2E-11	7.0E-14	7.4E-12	2.8E-19	2.3E-17
OCDF	9.3E-21	5.7E-16	1.0E-14	2.2E-15	8.0E-14	2.1E-13	8.2E-12	2.6E-14	2.7E-12	1.1E-19	8.6E-18
HCN											
Hydrogen cyanide						1.6E-07	6.2E-06	2.0E-08	2.1E-06		
Metals											
Aluminum				1.2E-02						5.7E-07	
Antimony	1.6E-17			7.7E-07		1.0E-08	2.6E-07	1.3E-09	8.6E-08	3.8E-11	
Arsenic	8.1E-16	2.7E-06	4.8E-17	6.4E-06	2.3E-16	5.9E-10	2.1E-08	7.4E-11	7.0E-09	5.2E-10	4.1E-20
Barium	2.7E-12			4.4E-09	1.5E-07	1.3E-07	3.4E-06	1.6E-08	1.1E-06	2.1E-13	1.6E-11
Beryllium	3.3E-17			1.0E-15	3.9E-14	4.3E-11	1.5E-09	5.4E-12	4.8E-10	5.1E-20	4.3E-18
Cadmium	8.3E-15			8.2E-16	3.1E-14	7.6E-10	2.6E-08	9.5E-11	8.8E-09	4.0E-20	3.4E-18
Chromium	2.8E-15			9.6E-11	3.7E-09	6.5E-09	2.3E-07	8.1E-10	7.7E-08	4.7E-15	4.0E-13
Cobalt				3.3E-05	1.4E-08	9.8E-09	1.8E-07	1.2E-09	6.0E-08	1.6E-09	1.5E-12
Copper				4.5E-10	1.7E-08	1.8E-08	6.1E-07	2.2E-09	2.0E-07	2.2E-14	1.8E-12
Iron				2.7E-02						1.3E-06	
Lead	6.9E-18			1.1E-04	3.8E-12	6.0E-09	2.0E-07	7.5E-10	6.5E-08	5.5E-09	4.1E-16
Manganese				8.0E-13	3.1E-11	5.5E-09	1.9E-07	6.8E-10	6.3E-08	3.9E-17	3.3E-15
Mercury (+2)				6.4E-14	2.0E-12	2.4E-11	8.3E-10	2.9E-12	2.8E-10	3.1E-18	2.1E-16
Mercury, elemental				2.7E-08		9.8E-14	3.5E-12	1.2E-14	1.2E-12	5.2E-08	
Methyl Mercury	1.3E-14			3.8E-15	1.5E-13					1.9E-19	1.6E-17

Table H-232 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	1.6E-13	3.5E-09	1.2E-07	4.3E-10	4.0E-08	2.7E-08	1.7E-17
Phosphorus				7.5E-15	2.8E-13	2.6E-08	8.6E-07	3.3E-09	2.9E-07	7.2E-14	5.9E-12
Selenium	2.8E-16			4.0E-17	1.6E-15	1.7E-10	6.1E-09	2.2E-11	2.0E-09	2.0E-21	1.7E-19
Silver	2.1E-16			8.5E-13	3.2E-11	1.1E-10	3.7E-09	1.4E-11	1.2E-09	4.2E-17	3.4E-15
Thallium (Soluble Salts)				8.1E-08						4.0E-12	
Titanium				8.0E-15	3.2E-13	6.1E-11	2.3E-09	7.6E-12	7.6E-10	3.9E-19	3.5E-17
Zinc	4.1E-12			1.8E-13	6.5E-12	1.4E-07	3.9E-06	1.7E-08	1.3E-06	9.0E-18	7.0E-16
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	5.2E-05	2.0E-07	1.7E-05		
PAHs											
1-Methylnaphthalene		2.4E-16	4.9E-15	2.2E-16	8.9E-15	3.3E-08	1.4E-06	4.1E-09	4.6E-07	2.5E-16	2.2E-14
1-Methylphenanthrene				1.5E-13	6.0E-12	3.9E-09	1.7E-07	4.9E-10	5.5E-08	7.1E-18	6.5E-16
2,3,5-Trimethylnaphthalene				6.8E-14	3.0E-12	1.9E-09	8.4E-08	2.4E-10	2.8E-08	3.3E-18	3.2E-16
2,6-Dimethylnaphthalene				1.9E-13	7.9E-12	5.1E-09	2.2E-07	6.4E-10	7.3E-08	9.1E-18	8.5E-16
2-Methylnaphthalene		2.3E-16	4.7E-15	2.1E-16	8.6E-15	3.2E-08	1.3E-06	4.0E-09	4.4E-07	2.4E-16	2.2E-14
Acenaphthylene				6.0E-13	2.5E-11	1.9E-08	8.0E-07	2.4E-09	2.7E-07	2.9E-17	2.7E-15
Acenaphthene	3.4E-15					3.5E-09	1.4E-07	4.3E-10	4.8E-08		
Anthracene	4.3E-14					6.1E-09	2.6E-07	7.6E-10	8.6E-08		
Benzo(a)anthracene	6.2E-12	1.6E-07	4.4E-11	1.5E-07	8.0E-11	3.0E-09	1.3E-07	3.7E-10	4.3E-08	2.3E-09	2.7E-12
Benzo(a)pyrene	3.1E-12	1.7E-07	1.8E-11	1.5E-07	3.3E-11	1.2E-09	4.9E-08	1.5E-10	1.6E-08	7.6E-12	3.6E-15
Benzo(b)fluoranthene	8.3E-13	3.0E-07	1.0E-12	2.7E-07	1.8E-12	1.3E-09	5.3E-08	1.6E-10	1.8E-08	1.3E-11	2.0E-16
Benzo(e)pyrene				3.4E-14	1.3E-12	1.0E-09	4.1E-08	1.3E-10	1.4E-08	1.7E-18	1.4E-16
Benzo(g,h,i)perylene				2.5E-14	1.0E-12	7.7E-10	3.2E-08	9.6E-11	1.1E-08	1.2E-18	1.1E-16
Benzo(k)fluoranthene	7.9E-15	1.2E-07	7.3E-13	1.1E-07	1.3E-12	1.2E-11	2.1E-10	1.5E-12	6.9E-11	5.5E-12	1.4E-16

Table H-232 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	1.4E-13	1.1E-07	4.7E-06	1.4E-08	1.6E-06	2.0E-15	1.8E-13
Chrysene	1.1E-12	2.4E-07	5.6E-11	2.1E-07	1.0E-10	5.1E-09	2.1E-07	6.4E-10	7.1E-08	1.0E-11	1.1E-14
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	6.8E-12	3.1E-13	1.2E-11	1.9E-10	7.6E-09	2.3E-11	2.5E-09	1.5E-17	1.3E-15
Fluoranthene	2.8E-13	6.8E-14	1.4E-12	6.1E-14	2.5E-12	7.5E-09	3.1E-07	9.4E-10	1.0E-07	3.0E-18	2.7E-16
Fluorene	6.1E-14					1.9E-08	7.9E-07	2.3E-09	2.6E-07		
Indeno(1,2,3-cd)pyrene	4.0E-13	9.4E-08	1.8E-11	8.6E-08	3.3E-11	6.2E-10	2.5E-08	7.7E-11	8.5E-09	4.2E-12	3.6E-15
Napthalene	2.8E-14					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Perylene				1.3E-14	6.2E-13	4.6E-10	2.0E-08	5.8E-11	6.8E-09	6.5E-19	6.6E-17
Phenanthrene	2.9E-13					3.5E-08	1.5E-06	4.4E-09	4.8E-07		
Pyrene	2.0E-13	2.8E-13	5.7E-12	2.5E-13	1.0E-11	7.3E-09	3.0E-07	9.1E-10	1.0E-07	7.1E-15	6.4E-13
Particulate											
Particulate Total Suspended Particulate				3.0E-09	1.2E-07	2.3E-05	9.0E-04	2.9E-06	3.0E-04	1.5E-13	1.3E-11
PM<10				3.8E-09	1.6E-07	3.1E-05	1.2E-03	3.9E-06	4.0E-04	1.9E-13	1.7E-11
PM<2.5				3.2E-09	1.3E-07	2.6E-05	1.0E-03	3.3E-06	3.5E-04	1.6E-13	1.4E-11
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	2.0E-14	8.3E-16	3.3E-14	9.3E-11	3.8E-09	1.2E-11	1.3E-09	7.8E-17	6.8E-15
Heptachlorobiphenyl	2.3E-16	1.2E-16	2.2E-15	9.8E-17	3.8E-15	1.3E-12	5.1E-11	1.6E-13	1.7E-11	5.0E-18	4.2E-16
Hexachlorobiphenyl	9.4E-16	5.2E-16	9.4E-15	4.4E-16	1.6E-14	5.3E-12	2.1E-10	6.7E-13	6.9E-11	2.3E-17	1.8E-15
Monochlorobiphenyl	4.3E-14	6.9E-15	1.4E-13	5.8E-15	2.3E-13	6.5E-10	2.7E-08	8.1E-11	8.9E-09	5.4E-16	4.7E-14
Nonachlorobiphenyl	2.9E-17	2.0E-17	3.2E-16	1.7E-17	5.4E-16	1.8E-13	6.4E-12	2.2E-14	2.1E-12	8.8E-19	6.0E-17
Octachlorobiphenyl	6.9E-17	3.8E-17	6.9E-16	3.2E-17	1.2E-15	3.9E-13	1.5E-11	4.9E-14	5.1E-12	1.6E-18	1.3E-16
Pentachlorobiphenyl	3.1E-15	1.9E-15	3.2E-14	1.6E-15	5.5E-14	1.8E-11	6.9E-10	2.3E-12	2.3E-10	8.1E-17	6.1E-15
Tetrachlorobiphenyl	1.8E-15	3.8E-16	6.4E-15	3.2E-16	1.1E-14	3.0E-11	1.1E-09	3.8E-12	3.8E-10	3.0E-17	2.2E-15
Trichlorobiphenyl	2.4E-15	4.5E-16	8.1E-15	3.8E-16	1.4E-14	3.8E-11	1.5E-09	4.8E-12	4.9E-10	3.6E-17	2.8E-15

Table H-232 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				6.8E-06						2.2E-07	
Dieldrin		2.7E-08		3.2E-08						1.6E-12	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	8.7E-09	3.4E-11	2.9E-09		
1,2-dichlorobenzene	2.8E-18					1.1E-10	1.9E-09	1.4E-11	6.5E-10		
1,3-dichlorobenzene	6.9E-18					1.6E-10	5.5E-09	2.0E-11	1.8E-09		
1,4-dichlorobenzene	9.2E-17					1.5E-09	6.8E-08	1.9E-10	2.3E-08		
2,4-Dimethylphenol	2.5E-15					2.4E-08	9.5E-07	3.0E-09	3.2E-07		
2-Chlorophenol	1.3E-16					4.7E-09	2.1E-07	5.9E-10	6.9E-08		
2-Methylphenol	5.3E-14					5.6E-08	2.3E-06	7.0E-09	7.8E-07		
2-Nitrophenol	3.2E-16					7.6E-09	3.1E-07	9.4E-10	1.0E-07		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.5E-10	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.8E-16	1.7E-14
4-Nitrophenol	6.5E-16					1.3E-08	4.8E-07	1.6E-09	1.6E-07		
Acetophenone	3.9E-15					1.2E-07	4.9E-06	1.5E-08	1.6E-06		
Benzoic acid	1.6E-14					5.4E-07	2.2E-05	6.7E-08	7.5E-06		
Benzyl alcohol	9.8E-18					4.5E-09	1.4E-07	5.6E-10	4.5E-08		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	1.2E-10	8.0E-12	2.9E-10	1.9E-07	7.4E-06	2.4E-08	2.5E-06	3.9E-16	3.1E-14
Butyl benzyl phthalate	1.8E-13	3.3E-15	6.6E-14	3.8E-15	1.6E-13	6.0E-09	2.5E-07	7.5E-10	8.3E-08	1.9E-19	1.7E-17
Carbazole				1.4E-14	2.6E-13	1.7E-10	3.0E-09	2.1E-11	1.0E-09	6.9E-19	2.8E-17
Dibenzofuran		1.4E-16	2.9E-15	5.7E-16	2.3E-14	9.5E-09	3.9E-07	1.2E-09	1.3E-07	2.4E-16	2.1E-14
Dimethyl phthalate	6.5E-17					3.3E-10	5.9E-09	4.2E-11	2.0E-09		
Di-n-butyl phthalate	1.7E-12	3.3E-15	6.7E-14	3.9E-15	1.6E-13	9.2E-09	3.8E-07	1.1E-09	1.3E-07	1.9E-19	1.7E-17
Di-n-octyl phthalate	1.3E-17	9.4E-15	8.7E-14	1.1E-14	2.1E-13	6.4E-10	1.1E-08	8.0E-11	3.8E-09	5.5E-19	2.2E-17

Table H-232 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	7.9E-07	5.5E-09	2.6E-07		
Isopropanol						5.9E-03					
Phenol	1.5E-13					3.0E-07	1.2E-05	3.8E-08	4.2E-06		
Pyridine	7.7E-15					2.9E-08	1.2E-06	3.6E-09	4.0E-07		
TRS											
Total Reduced Sulfur						2.9E-07	1.3E-05	3.6E-08	4.2E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	4.6E-09	1.7E-11	1.5E-09		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	5.0E-09	1.7E-11	1.7E-09		
1,1-Dichloroethene	6.0E-21					2.6E-11	4.6E-10	3.2E-12	1.5E-10		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	2.0E-08	6.7E-11	6.6E-09		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	1.9E-09	1.4E-11	6.4E-10		
1,2,4-Trimethylbenzene						6.2E-09	2.0E-07	7.8E-10	6.6E-08		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.2E-09	8.6E-12	4.1E-10		
1,2-Dichloroethane	1.2E-17					2.3E-05	1.0E-07	1.0E-06	3.5E-08		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.7E-07	7.3E-10	5.8E-08		
1,3-Dichloropropane						6.7E-11	1.2E-09	8.4E-12	4.0E-10		
2-Butanone	2.4E-15					3.3E-08	1.3E-06	4.1E-09	4.4E-07		
2-Chlorotoluene						1.5E-09	6.1E-08	1.8E-10	2.0E-08		
2-Hexanone						6.8E-09	2.5E-07	8.4E-10	8.2E-08		
Benzene	2.0E-15					8.2E-04	3.4E-05	9.7E-06	1.1E-05		
Bromobenzene						3.7E-08	6.6E-07	4.7E-09	2.2E-07		
Bromochloromethane						8.8E-11	1.6E-09	1.1E-11	5.2E-10		
Bromodichloromethane	3.1E-19					9.5E-11	1.7E-09	1.2E-11	5.7E-10		

Table H-232 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	1.1E-07	4.8E-10	3.8E-08		
Carbon disulfide	1.3E-18					3.3E-09	9.8E-08	4.2E-10	3.3E-08		
Carbon tetrachloride	1.3E-19					1.6E-04	3.9E-09	1.5E-05	1.3E-09		
Chlorobenzene	4.7E-17					4.8E-09	1.7E-07	6.0E-10	5.7E-08		
Chlorodibromomethane	1.8E-17					2.4E-09	4.2E-08	3.0E-10	1.4E-08		
Chloroethane	3.7E-18					9.1E-09	3.2E-07	1.1E-09	1.1E-07		
Chloroform	2.8E-18					3.7E-05	3.8E-08	2.4E-06	1.3E-08		
Chloromethane	9.8E-18					3.1E-08	9.4E-07	3.9E-09	3.1E-07		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	7.1E-08	5.0E-10	2.4E-08		
cis-1,3-Dichloropropene						2.4E-11	4.3E-10	3.0E-12	1.4E-10		
Dibromomethane	4.2E-19					2.0E-10	3.6E-09	2.5E-11	1.2E-09		
Dichlorodifluoromethane	4.7E-21					2.5E-10	4.4E-09	3.1E-11	1.5E-09		
Ethylbenzene	1.5E-15					2.1E-04	7.4E-06	2.4E-08	2.5E-06		
Isopropylbenzene	2.0E-18					1.6E-08	5.4E-07	2.0E-09	1.8E-07		
m&p-Xylene	2.4E-16					3.6E-08	1.2E-06	4.6E-09	4.1E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	6.4E-09	4.5E-11	2.1E-09		
Methylene chloride	2.6E-17					1.8E-08	6.6E-07	2.3E-09	2.2E-07		
n-Butylbenzene						7.8E-09	2.3E-07	9.7E-10	7.7E-08		
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07		
o-Xylene	2.8E-16					2.3E-08	7.6E-07	2.9E-09	2.5E-07		
p-Chlorotoluene						5.5E-10	1.7E-08	6.9E-11	5.6E-09		
p-Isopropyltoluene						3.8E-09	9.2E-08	4.8E-10	3.1E-08		
sec-Butylbenzene						1.4E-09	4.3E-08	1.8E-10	1.4E-08		
Styrene	9.4E-15					5.1E-07	1.9E-05	6.4E-08	6.2E-06		

Table H-232 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						4.6E-08	8.1E-07	5.7E-09	2.7E-07		
Tetrachloroethene	6.6E-19					1.2E-10	4.2E-09	1.5E-11	1.4E-09		
Toluene	1.6E-15					3.2E-07	1.2E-05	3.9E-08	4.1E-06		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	1.5E-06	1.1E-08	5.0E-07		
trans-1,3-Dichloropropene						4.2E-11	7.5E-10	5.3E-12	2.5E-10		
Trichloroethene	6.8E-21					5.0E-06	1.3E-10	9.1E-13	4.3E-11		
Trichlorofluoromethane	1.0E-20					8.7E-11	1.6E-09	1.1E-11	5.2E-10		
Vinyl chloride	4.8E-19					5.0E-09	1.2E-07	6.2E-10	4.0E-08		

Table H-233 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)
Acid Gas						
Hydrogen Chloride				2.9E-05	9.7E-06	
Aldehydes						
Acetaldehyde	1.0E-15			5.0E-05	1.7E-05	
Formaldehyde	5.0E-15			2.1E-05	7.1E-06	
Propionaldehyde			6.9E-17	5.5E-06	1.8E-06	1.6E-12
CO						
Carbon monoxide				1.5E-03	5.2E-04	
CO2						
Carbon dioxide				4.9E-05	1.6E-05	
Criteria						
Sulfur Dioxide				1.3E-05	4.4E-06	
DIOXINS						
1,2,3,4,6,7,8-HpCDD	1.4E-20	1.9E-17	1.5E-16	2.9E-11	9.8E-12	2.2E-17
1,2,3,4,6,7,8-HpCDF	1.3E-20	1.9E-17	1.5E-16	3.0E-11	9.9E-12	2.2E-17
1,2,3,4,7,8,9-HpCDF	2.0E-21	2.2E-18	1.8E-17	3.8E-12	1.3E-12	2.6E-18
1,2,3,4,7,8-HxCDD	1.5E-20	2.2E-18	1.7E-17	3.5E-12	1.2E-12	2.5E-18
1,2,3,4,7,8-HxCDF	1.1E-19	1.7E-17	1.4E-16	2.9E-11	9.6E-12	2.0E-17
1,2,3,6,7,8-HxCDD	2.9E-20	4.4E-18	3.5E-17	7.4E-12	2.5E-12	5.1E-18
1,2,3,6,7,8-HxCDF	3.9E-20	5.7E-18	4.5E-17	9.3E-12	3.1E-12	6.6E-18
1,2,3,7,8,9-HxCDD	4.3E-20	7.0E-18	5.5E-17	1.1E-11	3.8E-12	8.1E-18

Table H-233 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)
1,2,3,7,8,9-HxCDF	3.2E-21	4.0E-19	3.2E-18	7.1E-13	2.4E-13	4.7E-19
1,2,3,7,8-PeCDD	8.2E-20	2.5E-18	1.9E-17	4.5E-12	1.5E-12	2.9E-18
1,2,3,7,8-PeCDF	1.1E-19	2.9E-18	2.3E-17	6.4E-12	2.1E-12	3.3E-18
2,3,4,6,7,8-HxCDF	5.6E-20	8.9E-18	7.0E-17	1.4E-11	4.8E-12	1.0E-17
2,3,4,7,8-PeCDF	1.8E-19	6.9E-18	5.5E-17	1.4E-11	4.8E-12	8.0E-18
2,3,7,8-TCDD	2.8E-20	5.0E-19	3.9E-18	1.8E-12	6.0E-13	4.0E-16
2,3,7,8-TCDF	8.8E-20	9.1E-19	7.2E-18	6.6E-12	2.2E-12	1.1E-18
OCDD	1.8E-22	1.3E-17	1.0E-16	2.0E-11	6.5E-12	1.5E-17
OCDF	6.8E-23	5.0E-18	3.9E-17	7.3E-12	2.4E-12	5.8E-18
HCN						
Hydrogen cyanide				5.5E-06	1.8E-06	
Metals						
Aluminum			2.2E-04			3.2E-05
Antimony	1.7E-19		1.6E-08	3.6E-07	1.2E-07	2.3E-09
Arsenic	9.0E-18	2.5E-09	1.2E-08	2.1E-08	6.9E-09	2.9E-09
Barium	2.4E-14		8.4E-11	4.4E-06	1.5E-06	1.2E-11
Beryllium	3.7E-19		3.2E-17	1.5E-09	5.0E-10	4.7E-18
Cadmium	9.2E-17		2.5E-17	2.6E-08	8.8E-09	3.7E-18
Chromium	2.7E-17		2.2E-12	2.2E-07	7.5E-08	3.2E-13
Cobalt			4.1E-07	3.4E-07	1.1E-07	6.0E-08
Copper			9.0E-12	6.2E-07	2.1E-07	1.3E-12

Table H-233 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)
Iron			4.1E-04			6.1E-05
Lead	7.6E-20		2.5E-06	2.1E-07	6.9E-08	3.7E-07
Manganese			2.5E-14	1.9E-07	6.3E-08	3.6E-15
Mercury (+2)			9.9E-16	8.2E-10	2.7E-10	1.5E-16
Mercury, elemental			4.9E-10	3.4E-12	1.1E-12	2.8E-06
Methyl Mercury	9.3E-17		5.9E-17			8.7E-18
Nickel	3.7E-17		7.8E-06	1.2E-07	4.0E-08	1.2E-06
Phosphorus			2.3E-16	9.2E-07	3.1E-07	6.7E-12
Selenium	3.0E-18		1.2E-18	6.1E-09	2.0E-09	1.8E-19
Silver	2.2E-18		2.3E-14	3.9E-09	1.3E-09	3.4E-15
Thallium (Soluble Salts)			1.8E-09			2.7E-10
Titanium			2.5E-16	2.1E-09	7.0E-10	3.6E-17
Zinc	4.5E-14		5.7E-15	4.8E-06	1.6E-06	8.4E-16
NOx						
NOx (Oxides of Nitrogen)				5.4E-05	1.8E-05	
PAHs						
1-Methylnaphthalene		3.7E-18	6.7E-18	1.1E-06	3.8E-07	2.3E-14
1-Methylphenanthrene			4.5E-15	1.4E-07	4.6E-08	6.6E-16
2,3,5-Trimethylnaphthalene			2.1E-15	6.8E-08	2.3E-08	3.1E-16
2,6-Dimethylnaphthalene			5.7E-15	1.8E-07	6.0E-08	8.4E-16
2-Methylnaphthalene		3.6E-18	6.5E-18	1.1E-06	3.7E-07	2.2E-14

Table H-233 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)
Acenaphthylene			1.8E-14	6.6E-07	2.2E-07	2.7E-15
Acenaphthene	3.7E-17			1.2E-07	4.0E-08	
Anthracene	4.7E-16			2.1E-07	7.0E-08	
Benzo(a)anthracene	6.8E-14	5.6E-09	1.0E-08	1.0E-07	3.5E-08	4.6E-07
Benzo(a)pyrene	3.4E-14	6.2E-09	1.1E-08	4.1E-08	1.4E-08	1.7E-09
Benzo(b)fluoranthene	9.2E-15	8.7E-09	1.6E-08	4.6E-08	1.5E-08	2.3E-09
Benzo(e)pyrene			1.1E-15	3.5E-08	1.2E-08	1.6E-16
Benzo(g,h,i)perylene			7.7E-16	2.7E-08	8.9E-09	1.1E-16
Benzo(k)fluoranthene	7.6E-17	4.4E-09	8.0E-09	4.0E-10	1.3E-10	1.2E-09
Biphenyl			1.0E-16	3.9E-06	1.3E-06	1.8E-13
Chrysene	1.2E-14	6.3E-09	1.2E-08	1.8E-07	5.9E-08	1.7E-09
Dibenzo(a,h)anthracene	1.7E-15	1.5E-09	2.8E-09	6.4E-09	2.1E-09	4.1E-10
Fluoranthene	3.1E-15	9.8E-16	1.8E-15	2.6E-07	8.7E-08	2.6E-16
Fluorene	6.7E-16			6.5E-07	2.2E-07	
Indeno(1,2,3-cd)pyrene	4.3E-15	4.0E-09	7.3E-09	2.1E-08	7.1E-09	1.1E-09
Napthalene	3.1E-16			5.2E-06	1.7E-06	
Perylene			4.1E-16	1.6E-08	5.3E-09	6.0E-17
Phenanthrene	3.2E-15			1.2E-06	4.1E-07	
Pyrene	2.2E-15	3.3E-15	6.0E-15	2.5E-07	8.5E-08	5.0E-13
Particulate						
Particulate Total Suspended Particulate			9.2E-11	8.1E-04	2.7E-04	1.4E-11

Table H-233 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)
PM<10			1.2E-10	1.1E-03	3.6E-04	1.7E-11
PM<2.5			9.8E-11	9.2E-04	3.1E-04	1.4E-11
PCBs						
Dichlorobiphenyl	6.7E-17	8.9E-18	1.5E-17	3.2E-09	1.1E-09	4.2E-15
Heptachlorobiphenyl	2.5E-18	1.0E-18	1.7E-18	4.4E-11	1.5E-11	2.7E-16
Hexachlorobiphenyl	1.0E-17	4.7E-18	7.9E-18	1.8E-10	6.2E-11	1.2E-15
Monochlorobiphenyl	4.7E-16	6.2E-17	1.0E-16	2.2E-08	7.5E-09	2.9E-14
Nonachlorobiphenyl	3.2E-19	1.8E-19	3.1E-19	6.2E-12	2.1E-12	4.7E-17
Octachlorobiphenyl	7.5E-19	3.3E-19	5.6E-19	1.3E-11	4.5E-12	8.6E-17
Pentachlorobiphenyl	3.4E-17	1.7E-17	2.8E-17	6.3E-10	2.1E-10	4.3E-15
Tetrachlorobiphenyl	2.0E-17	3.4E-18	5.7E-18	1.0E-09	3.5E-10	1.6E-15
Trichlorobiphenyl	2.6E-17	4.1E-18	6.9E-18	1.3E-09	4.4E-10	1.9E-15
Pesticides						
DDE			2.4E-09			2.3E-07
Dieldrin		1.1E-10	2.6E-10			3.8E-11
SVOCs						
1,2,4-trichlorobenzene				9.4E-09	3.1E-09	
1,2-dichlorobenzene	3.0E-20			3.8E-09	1.3E-09	
1,3-dichlorobenzene	7.6E-20			5.6E-09	1.9E-09	
1,4-dichlorobenzene	1.0E-18			5.3E-08	1.8E-08	
2,4-Dimethylphenol	2.8E-17			8.2E-07	2.7E-07	

Table H-233 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)
2-Chlorophenol	1.4E-18			1.6E-07	5.5E-08	
2-Methylphenol	5.8E-16			1.9E-06	6.4E-07	
2-Nitrophenol	3.5E-18			2.6E-07	8.7E-08	
3-Methylphenol & 4-Methylphenol			1.1E-13	3.5E-06	1.2E-06	1.7E-14
4-Nitrophenol	7.2E-18			4.3E-07	1.4E-07	
Acetophenone	4.4E-17			4.1E-06	1.4E-06	
Benzoic acid	1.7E-16			1.9E-05	6.2E-06	
Benzyl alcohol	1.1E-19			1.6E-07	5.2E-08	
bis(2-Ethylhexyl) phthalate	5.4E-15	1.0E-13	2.4E-13	6.6E-06	2.2E-06	3.6E-14
Butyl benzyl phthalate	1.9E-15	5.0E-17	1.2E-16	2.1E-07	6.9E-08	1.7E-17
Carbazole			4.3E-16	5.8E-09	1.9E-09	6.4E-17
Dibenzofuran		2.2E-18	1.7E-17	3.3E-07	1.1E-07	2.2E-14
Dimethyl phthalate	7.1E-19			1.2E-08	3.9E-09	
Di-n-butyl phthalate	1.9E-14	5.0E-17	1.2E-16	3.2E-07	1.1E-07	1.7E-17
Di-n-octyl phthalate	1.4E-19	1.5E-16	3.4E-16	2.2E-08	7.4E-09	5.0E-17
Hexachlorobutadiene	7.4E-17			1.5E-06	5.1E-07	
Isopropanol				3.4E-02		
p-Chloroaniline		3.6E-09	8.5E-09			1.3E-09
Phenol	1.6E-15			1.0E-05	3.5E-06	
Pyridine	8.4E-17			9.9E-07	3.3E-07	
TRS						

Table H-233 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)
Total Reduced Sulfur				1.0E-05	3.4E-06	
VOCs						
1,1,1,2-Tetrachloroethane	3.0E-20			4.7E-09	1.6E-09	
1,1,1-Trichloroethane	1.9E-21			4.6E-09	1.5E-09	
1,1-Dichloroethene	6.6E-23			9.0E-10	3.0E-10	
1,2,3-Trichlorobenzene	2.1E-18			1.9E-08	6.2E-09	
1,2,3-Trichloropropane	1.2E-20			3.8E-09	1.3E-09	
1,2,4-Trimethylbenzene				2.2E-07	7.2E-08	
1,2-Dibromoethane	4.1E-21			2.4E-09	8.0E-10	
1,2-Dichloroethane	1.3E-19			6.6E-04	9.2E-05	
1,3,5-Trimethylbenzene	6.7E-19			2.0E-07	6.8E-08	
1,3-Dichloropropane				2.3E-09	7.8E-10	
2-Butanone	2.7E-17			1.1E-06	3.8E-07	
2-Chlorotoluene				5.1E-08	1.7E-08	
2-Hexanone				2.3E-07	7.8E-08	
Benzene	2.2E-17			4.0E-03	9.0E-04	
Bromobenzene				1.3E-06	4.3E-07	
Bromochloromethane				3.1E-09	1.0E-09	
Bromodichloromethane	3.5E-21			5.1E-03	1.1E-09	
Bromoform				2.3E-02		
Bromomethane	1.5E-20			1.3E-07	4.4E-08	

Table H-233 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)
Carbon disulfide	1.4E-20			1.2E-07	3.9E-08	
Carbon tetrachloride	1.5E-21			5.9E-03	1.4E-03	
Chlorobenzene	5.2E-19			1.7E-07	5.6E-08	
Chlorodibromomethane	2.0E-19			8.2E-08	2.7E-08	
Chloroethane	4.1E-20			3.2E-07	1.1E-07	
Chloroform	3.1E-20			1.2E-02	2.2E-04	
Chloromethane	1.1E-19			1.1E-06	3.6E-07	
cis-1,2-Dichloroethene	4.2E-20			1.4E-07	4.6E-08	
cis-1,3-Dichloropropene				8.4E-10	2.8E-10	
Dibromomethane	4.6E-21			7.1E-09	2.4E-09	
Dichlorodifluoromethane	5.2E-23			8.6E-09	2.9E-09	
Ethylbenzene	1.6E-17			3.3E-03	2.3E-06	
Isopropylbenzene	2.2E-20			5.5E-07	1.8E-07	
m&p-Xylene	2.6E-18			1.3E-06	4.2E-07	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	2.7E-20			1.2E-08	4.1E-09	
Methylene chloride	2.9E-19			6.3E-07	2.1E-07	
n-Butylbenzene				2.7E-07	9.0E-08	
n-Propylbenzene				3.3E-07	1.1E-07	
o-Xylene	3.1E-18			8.0E-07	2.7E-07	
p-Chlorotoluene				1.9E-08	6.4E-09	
p-Isopropyltoluene				1.3E-07	4.4E-08	

Table H-233 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)
sec-Butylbenzene				4.9E-08	1.6E-08	
Styrene	1.0E-16			1.8E-05	5.9E-06	
tert-Butylbenzene				1.6E-06	5.3E-07	
Tetrachloroethene	7.3E-21			4.2E-09	1.4E-09	
Toluene	1.7E-17			1.1E-05	3.7E-06	
trans-1,2-Dichloroethene	6.5E-19			2.9E-06	9.8E-07	
trans-1,3-Dichloropropene				1.5E-09	4.9E-10	
Trichloroethene	7.5E-23			6.7E-03	8.4E-11	
Trichlorofluoromethane	1.2E-22			3.0E-09	1.0E-09	
Vinyl chloride	5.3E-21			1.7E-07	5.7E-08	

Table H-234 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)
Acid Gas						
Hydrogen Chloride				2.7E-06	9.2E-07	
Aldehydes						
Acetaldehyde	9.6E-14			4.8E-06	1.6E-06	
Formaldehyde	4.7E-13			2.0E-06	6.7E-07	
Propionaldehyde			6.6E-15	5.2E-07	1.7E-07	1.5E-13
CO						
Carbon monoxide				1.5E-04	4.9E-05	
CO2						
Carbon dioxide				4.6E-06	1.5E-06	
Criteria						
Sulfur Dioxide				1.2E-06	4.1E-07	
DIOXINS						
1,2,3,4,6,7,8-HpCDD	1.9E-18	3.2E-15	2.5E-14	2.8E-12	9.3E-13	3.7E-18
1,2,3,4,6,7,8-HpCDF	1.9E-18	3.2E-15	2.5E-14	2.8E-12	9.4E-13	3.7E-18
1,2,3,4,7,8,9-HpCDF	2.6E-19	3.7E-16	2.9E-15	3.6E-13	1.2E-13	4.2E-19
1,2,3,4,7,8-HxCDD	2.0E-18	3.6E-16	2.8E-15	3.3E-13	1.1E-13	4.2E-19
1,2,3,4,7,8-HxCDF	1.4E-17	2.8E-15	2.2E-14	2.7E-12	9.0E-13	3.3E-18
1,2,3,6,7,8-HxCDD	3.8E-18	7.3E-16	5.8E-15	7.0E-13	2.3E-13	8.5E-19
1,2,3,6,7,8-HxCDF	5.1E-18	9.3E-16	7.3E-15	8.8E-13	2.9E-13	1.1E-18
1,2,3,7,8,9-HxCDD	5.8E-18	1.2E-15	9.1E-15	1.1E-12	3.6E-13	1.3E-18

Table H-234 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)
1,2,3,7,8,9-HxCDF	3.9E-19	6.7E-17	5.2E-16	6.8E-14	2.3E-14	7.7E-20
1,2,3,7,8-PeCDD	8.8E-18	4.1E-16	3.2E-15	4.3E-13	1.4E-13	4.7E-19
1,2,3,7,8-PeCDF	1.2E-17	4.8E-16	3.8E-15	6.0E-13	2.0E-13	5.5E-19
2,3,4,6,7,8-HxCDF	7.3E-18	1.5E-15	1.1E-14	1.4E-12	4.6E-13	1.7E-18
2,3,4,7,8-PeCDF	2.0E-17	1.1E-15	9.0E-15	1.4E-12	4.5E-13	1.3E-18
2,3,7,8-TCDD	2.8E-18	8.1E-17	6.4E-16	1.7E-13	5.7E-14	6.5E-17
2,3,7,8-TCDF	8.6E-18	1.5E-16	1.2E-15	6.3E-13	2.1E-13	1.7E-19
OCDD	2.6E-20	2.1E-15	1.7E-14	1.8E-12	6.2E-13	2.5E-18
OCDF	9.7E-21	8.3E-16	6.5E-15	6.9E-13	2.3E-13	9.6E-19
HCN						
Hydrogen cyanide				5.2E-07	1.7E-07	
Metals						
Aluminum			2.0E-02			3.0E-06
Antimony	1.6E-17		1.5E-06	3.4E-08	1.1E-08	2.2E-10
Arsenic	8.5E-16	2.4E-07	1.1E-06	2.0E-09	6.5E-10	2.8E-10
Barium	2.9E-12		1.3E-08	4.1E-07	1.4E-07	1.9E-12
Beryllium	3.5E-17		3.1E-15	1.4E-10	4.7E-11	4.5E-19
Cadmium	8.7E-15		2.4E-15	2.5E-09	8.3E-10	3.5E-19
Chromium	2.9E-15		2.8E-10	2.1E-08	7.1E-09	4.1E-14
Cobalt			3.8E-05	3.2E-08	1.1E-08	5.7E-09
Copper			1.3E-09	5.8E-08	1.9E-08	1.9E-13

Table H-234 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)
Iron			3.9E-02			5.7E-06
Lead	7.2E-18		2.4E-04	2.0E-08	6.5E-09	3.5E-08
Manganese			2.3E-12	1.8E-08	6.0E-09	3.4E-16
Mercury (+2)			1.9E-13	7.7E-11	2.6E-11	2.8E-17
Mercury, elemental			4.6E-08	3.2E-13	1.1E-13	2.7E-07
Methyl Mercury	1.3E-14		1.1E-14			1.6E-18
Nickel	3.5E-15		7.4E-04	1.1E-08	3.8E-09	1.1E-07
Phosphorus			2.2E-14	8.7E-08	2.9E-08	6.3E-13
Selenium	2.9E-16		1.2E-16	5.7E-10	1.9E-10	1.7E-20
Silver	2.2E-16		2.5E-12	3.7E-10	1.2E-10	3.7E-16
Thallium (Soluble Salts)			1.8E-07			2.6E-11
Titanium			2.4E-14	2.0E-10	6.7E-11	3.5E-18
Zinc	4.3E-12		5.4E-13	4.5E-07	1.5E-07	7.9E-17
NOx						
NOx (Oxides of Nitrogen)				5.2E-06	1.7E-06	
PAHs						
1-Methylnaphthalene		3.5E-16	6.3E-16	1.1E-07	3.6E-08	2.2E-15
1-Methylphenanthrene			4.2E-13	1.3E-08	4.3E-09	6.2E-17
2,3,5-Trimethylnaphthalene			2.0E-13	6.4E-09	2.1E-09	2.9E-17
2,6-Dimethylnaphthalene			5.4E-13	1.7E-08	5.6E-09	8.0E-17
2-Methylnaphthalene		3.4E-16	6.1E-16	1.0E-07	3.5E-08	2.1E-15

Table H-234 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)
Acenaphthylene			1.7E-12	6.2E-08	2.1E-08	2.6E-16
Acenaphthene	3.5E-15			1.1E-08	3.8E-09	
Anthracene	4.5E-14			2.0E-08	6.6E-09	
Benzo(a)anthracene	6.4E-12	5.3E-07	9.7E-07	9.8E-09	3.3E-09	4.4E-08
Benzo(a)pyrene	3.2E-12	5.9E-07	1.1E-06	3.9E-09	1.3E-09	1.6E-10
Benzo(b)fluoranthene	8.7E-13	8.2E-07	1.5E-06	4.3E-09	1.4E-09	2.2E-10
Benzo(e)pyrene			1.0E-13	3.3E-09	1.1E-09	1.5E-17
Benzo(g,h,i)perylene			7.3E-14	2.5E-09	8.4E-10	1.1E-17
Benzo(k)fluoranthene	8.2E-15	4.1E-07	7.5E-07	3.8E-11	1.3E-11	1.1E-10
Biphenyl			9.7E-15	3.7E-07	1.2E-07	1.7E-14
Chrysene	1.1E-12	6.0E-07	1.1E-06	1.7E-08	5.6E-09	1.6E-10
Dibenze(a,h)anthracene	1.7E-13	1.5E-07	2.6E-07	6.1E-10	2.0E-10	3.9E-11
Fluoranthene	2.9E-13	9.9E-14	1.8E-13	2.5E-08	8.2E-09	2.6E-17
Fluorene	6.4E-14			6.1E-08	2.0E-08	
Indeno(1,2,3-cd)pyrene	4.2E-13	3.8E-07	6.9E-07	2.0E-09	6.7E-10	1.0E-10
Napthalene	2.9E-14			4.9E-07	1.6E-07	
Perylene			3.9E-14	1.5E-09	5.1E-10	5.7E-18
Phenanthrene	3.1E-13			1.2E-07	3.8E-08	
Pyrene	2.1E-13	4.1E-13	7.4E-13	2.4E-08	8.0E-09	6.2E-14
Particulate						
Particulate Total Suspended Particulate			8.7E-09	7.7E-05	2.6E-05	1.3E-12

Table H-234 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)
PM<10			1.1E-08	1.0E-04	3.4E-05	1.6E-12
PM<2.5			9.3E-09	8.7E-05	2.9E-05	1.4E-12
PCBs						
Dichlorobiphenyl	6.3E-15	1.4E-15	2.4E-15	3.0E-10	1.0E-10	6.8E-16
Heptachlorobiphenyl	2.4E-16	1.7E-16	2.9E-16	4.2E-12	1.4E-12	4.4E-17
Hexachlorobiphenyl	9.8E-16	7.7E-16	1.3E-15	1.7E-11	5.8E-12	2.0E-16
Monochlorobiphenyl	4.4E-14	1.0E-14	1.7E-14	2.1E-09	7.1E-10	4.7E-15
Nonachlorobiphenyl	3.0E-17	3.0E-17	5.0E-17	5.9E-13	2.0E-13	7.7E-18
Octachlorobiphenyl	7.2E-17	5.5E-17	9.3E-17	1.3E-12	4.2E-13	1.4E-17
Pentachlorobiphenyl	3.3E-15	2.8E-15	4.7E-15	6.0E-11	2.0E-11	7.1E-16
Tetrachlorobiphenyl	1.9E-15	5.5E-16	9.3E-16	9.9E-11	3.3E-11	2.6E-16
Trichlorobiphenyl	2.5E-15	6.6E-16	1.1E-15	1.3E-10	4.2E-11	3.1E-16
Pesticides						
DDE			2.3E-07			2.2E-08
Dieldrin		1.0E-08	2.5E-08			3.6E-12
SVOCs						
1,2,4-trichlorobenzene				8.9E-10	3.0E-10	
1,2-dichlorobenzene	2.9E-18			3.6E-10	1.2E-10	
1,3-dichlorobenzene	7.2E-18			5.3E-10	1.8E-10	
1,4-dichlorobenzene	9.6E-17			5.0E-09	1.7E-09	
2,4-Dimethylphenol	2.6E-15			7.8E-08	2.6E-08	

Table H-234 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)
2-Chlorophenol	1.3E-16			1.6E-08	5.2E-09	
2-Methylphenol	5.5E-14			1.8E-07	6.1E-08	
2-Nitrophenol	3.3E-16			2.5E-08	8.3E-09	
3-Methylphenol & 4-Methylphenol			1.1E-11	3.3E-07	1.1E-07	1.6E-15
4-Nitrophenol	6.8E-16			4.1E-08	1.4E-08	
Acetophenone	4.1E-15			3.9E-07	1.3E-07	
Benzoic acid	1.7E-14			1.8E-06	5.9E-07	
Benzyl alcohol	1.0E-17			1.5E-08	4.9E-09	
bis(2-Ethylhexyl) phthalate	5.1E-13	9.8E-12	2.3E-11	6.2E-07	2.1E-07	3.4E-15
Butyl benzyl phthalate	1.8E-13	4.8E-15	1.1E-14	2.0E-08	6.5E-09	1.7E-18
Carbazole			4.1E-14	5.5E-10	1.8E-10	6.0E-18
Dibenzofuran		2.1E-16	1.7E-15	3.1E-08	1.0E-08	2.1E-15
Dimethyl phthalate	6.7E-17			1.1E-09	3.6E-10	
Di-n-butyl phthalate	1.8E-12	4.8E-15	1.1E-14	3.0E-08	1.0E-08	1.7E-18
Di-n-octyl phthalate	1.3E-17	1.4E-14	3.3E-14	2.1E-09	7.0E-10	4.8E-18
Hexachlorobutadiene	7.0E-15			1.5E-07	4.9E-08	
Isopropanol				3.2E-03		
p-Chloroaniline		3.4E-07	8.1E-07			1.2E-10
Phenol	1.5E-13			9.9E-07	3.3E-07	
Pyridine	8.0E-15			9.4E-08	3.1E-08	
TRS						

Table H-234 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)
Total Reduced Sulfur				9.6E-07	3.2E-07	
VOCs						
1,1,1,2-Tetrachloroethane	2.8E-18			4.4E-10	1.5E-10	
1,1,1-Trichloroethane	1.8E-19			4.4E-10	1.5E-10	
1,1-Dichloroethene	6.2E-21			8.5E-11	2.8E-11	
1,2,3-Trichlorobenzene	1.9E-16			1.8E-09	5.8E-10	
1,2,3-Trichloropropane	1.1E-18			3.6E-10	1.2E-10	
1,2,4-Trimethylbenzene				2.0E-08	6.8E-09	
1,2-Dibromoethane	3.9E-19			2.3E-10	7.6E-11	
1,2-Dichloroethane	1.2E-17			6.2E-05	8.8E-06	
1,3,5-Trimethylbenzene	6.3E-17			1.9E-08	6.4E-09	
1,3-Dichloropropane				2.2E-10	7.3E-11	
2-Butanone	2.5E-15			1.1E-07	3.6E-08	
2-Chlorotoluene				4.9E-09	1.6E-09	
2-Hexanone				2.2E-08	7.4E-09	
Benzene	2.1E-15			3.8E-04	8.5E-05	
Bromobenzene				1.2E-07	4.1E-08	
Bromochloromethane				2.9E-10	9.7E-11	
Bromodichloromethane	3.3E-19			4.8E-04	1.0E-10	
Bromoform				2.2E-03		
Bromomethane	1.4E-18			1.3E-08	4.2E-09	

Table H-234 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at CJ (ug/m3)
Carbon disulfide	1.3E-18			1.1E-08	3.7E-09	
Carbon tetrachloride	1.4E-19			5.6E-04	1.4E-04	
Chlorobenzene	4.9E-17			1.6E-08	5.3E-09	
Chlorodibromomethane	1.9E-17			7.8E-09	2.6E-09	
Chloroethane	3.8E-18			3.0E-08	1.0E-08	
Chloroform	2.9E-18			1.1E-03	2.1E-05	
Chloromethane	1.0E-17			1.0E-07	3.4E-08	
cis-1,2-Dichloroethene	4.0E-18			1.3E-08	4.3E-09	
cis-1,3-Dichloropropene				8.0E-11	2.7E-11	
Dibromomethane	4.4E-19			6.7E-10	2.2E-10	
Dichlorodifluoromethane	4.9E-21			8.2E-10	2.7E-10	
Ethylbenzene	1.6E-15			3.2E-04	2.1E-07	
Isopropylbenzene	2.0E-18			5.2E-08	1.7E-08	
m&p-Xylene	2.5E-16			1.2E-07	4.0E-08	
Methyl Isobutyl Ketone (4-methyl-2-per	2.5E-18			1.2E-09	3.9E-10	
Methylene chloride	2.7E-17			5.9E-08	2.0E-08	
n-Butylbenzene				2.6E-08	8.5E-09	
n-Propylbenzene				3.1E-08	1.0E-08	
o-Xylene	2.9E-16			7.5E-08	2.5E-08	
p-Chlorotoluene				1.8E-09	6.1E-10	
p-Isopropyltoluene				1.3E-08	4.2E-09	

Table H-234 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)
sec-Butylbenzene				4.7E-09	1.6E-09	
Styrene	9.8E-15			1.7E-06	5.6E-07	
tert-Butylbenzene				1.5E-07	5.0E-08	
Tetrachloroethene	6.9E-19			4.0E-10	1.3E-10	
Toluene	1.6E-15			1.0E-06	3.5E-07	
trans-1,2-Dichloroethene	6.1E-17			2.8E-07	9.3E-08	
trans-1,3-Dichloropropene				1.4E-10	4.6E-11	
Trichloroethene	7.1E-21			6.4E-04	8.0E-12	
Trichlorofluoromethane	1.1E-20			2.9E-10	9.6E-11	
Vinyl chloride	5.0E-19			1.6E-08	5.4E-09	

Table H-235 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			1.2E-05	1.5E-06	
Aldehydes					
Acetaldehyde			2.1E-05	2.6E-06	
Formaldehyde			4.6E-02	1.1E-06	
Propionaldehyde		3.2E-17	2.3E-06	2.8E-07	2.4E-13
CO					
Carbon monoxide			6.4E-04	8.0E-05	
CO2					
Carbon dioxide			2.0E-05	2.5E-06	
Criteria					
Sulfur Dioxide			5.4E-06	6.8E-07	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	1.8E-17	7.0E-17	1.2E-11	1.5E-12	3.4E-18
1,2,3,4,6,7,8-HpCDF	1.8E-17	7.1E-17	1.2E-11	1.5E-12	3.5E-18
1,2,3,4,7,8,9-HpCDF	2.1E-18	8.1E-18	1.6E-12	1.9E-13	4.0E-19
1,2,3,4,7,8-HxCDD	2.0E-18	7.9E-18	1.5E-12	1.8E-13	3.9E-19
1,2,3,4,7,8-HxCDF	1.6E-17	6.3E-17	1.2E-11	1.5E-12	3.1E-18
1,2,3,6,7,8-HxCDD	4.1E-18	1.6E-17	3.1E-12	3.8E-13	7.9E-19
1,2,3,6,7,8-HxCDF	5.2E-18	2.1E-17	3.8E-12	4.8E-13	1.0E-18
1,2,3,7,8,9-HxCDD	6.5E-18	2.6E-17	4.6E-12	5.8E-13	1.3E-18
1,2,3,7,8,9-HxCDF	3.7E-19	1.5E-18	2.9E-13	3.7E-14	7.2E-20

Table H-235 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	2.3E-18	9.0E-18	1.8E-12	2.3E-13	4.4E-19
1,2,3,7,8-PeCDF	2.7E-18	1.1E-17	2.6E-12	3.3E-13	5.2E-19
2,3,4,6,7,8-HxCDF	8.2E-18	3.2E-17	5.9E-12	7.4E-13	1.6E-18
2,3,4,7,8-PeCDF	6.4E-18	2.5E-17	5.9E-12	7.4E-13	1.2E-18
2,3,7,8-TCDD	4.6E-19	1.8E-18	7.4E-13	9.3E-14	6.2E-17
2,3,7,8-TCDF	8.4E-19	3.3E-18	2.7E-12	3.4E-13	1.6E-19
OCDD	1.2E-17	4.7E-17	8.0E-12	1.0E-12	2.3E-18
OCDF	4.6E-18	1.8E-17	3.0E-12	3.8E-13	9.0E-19
HCN					
Hydrogen cyanide			2.3E-06	2.8E-07	
Metals					
Aluminum		1.5E-04			7.2E-06
Antimony		5.4E-09	1.5E-07	1.9E-08	2.6E-10
Arsenic	5.1E-09	1.2E-08	8.5E-09	1.1E-09	9.9E-10
Barium		3.9E-11	1.8E-06	2.2E-07	1.9E-12
Beryllium		1.5E-17	6.1E-10	7.7E-11	7.3E-19
Cadmium		1.2E-17	1.1E-08	1.4E-09	5.7E-19
Chromium		1.0E-12	9.2E-08	1.2E-08	5.0E-14
Cobalt		3.8E-07	1.4E-07	1.8E-08	1.9E-08
Copper		4.2E-12	2.5E-07	3.2E-08	2.0E-13
Iron		3.2E-04			1.6E-05
Lead		1.5E-06	8.5E-08	1.1E-08	7.5E-08

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Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		1.1E-14	7.8E-08	9.7E-09	5.6E-16
Mercury (+2)		4.6E-16	3.4E-10	4.2E-11	2.2E-17
Mercury, elemental		2.4E-08	1.4E-12	1.8E-13	4.7E-05
Methyl Mercury		2.7E-17			1.3E-18
Nickel		8.0E-06	5.0E-08	6.2E-09	3.9E-07
Phosphorus		1.1E-16	3.8E-07	4.7E-08	1.0E-12
Selenium		5.8E-19	2.5E-09	3.1E-10	2.8E-20
Silver		1.1E-14	1.6E-09	2.0E-10	5.2E-16
Titanium		1.1E-16	8.7E-10	1.1E-10	5.6E-18
Zinc		2.6E-15	2.0E-06	2.4E-07	1.3E-16
NOx					
NOx (Oxides of Nitrogen)			2.2E-05	2.8E-06	
PAHs					
1-Methylnaphthalene	3.4E-18	3.1E-18	4.7E-07	5.9E-08	3.5E-15
1-Methylphenanthrene		2.1E-15	5.6E-08	7.0E-09	1.0E-16
2,3,5-Trimethylnaphthalene		9.7E-16	2.8E-08	3.5E-09	4.8E-17
2,6-Dimethylnaphthalene		2.7E-15	7.4E-08	9.2E-09	1.3E-16
2-Methylnaphthalene	3.3E-18	3.0E-18	4.6E-07	5.7E-08	3.4E-15
Acenaphthylene		8.5E-15	2.7E-07	3.4E-08	4.2E-16
Acenaphthene			4.9E-08	6.2E-09	
Anthracene			8.7E-08	1.1E-08	
Benzo(a)anthracene	3.2E-10	2.9E-10	4.3E-08	5.3E-09	4.3E-09

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)pyrene	3.7E-10	3.4E-10	1.7E-08	2.1E-09	1.6E-11
Benzo(b)fluoranthene	6.7E-10	6.1E-10	1.9E-08	2.3E-09	3.0E-11
Benzo(e)pyrene		4.9E-16	1.4E-08	1.8E-09	2.4E-17
Benzo(g,h,i)perylene		3.6E-16	1.1E-08	1.4E-09	1.8E-17
Benzo(k)fluoranthene	5.0E-10	4.6E-10	1.7E-10	2.1E-11	2.2E-11
Biphenyl		4.8E-17	1.6E-06	2.0E-07	2.8E-14
Chrysene	3.9E-10	3.5E-10	7.3E-08	9.1E-09	1.7E-11
Dibenze(a,h)anthracene	4.3E-15	3.9E-15	2.7E-09	3.3E-10	1.9E-16
Fluoranthene	9.1E-16	8.3E-16	1.1E-07	1.3E-08	4.0E-17
Fluorene			2.7E-07	3.3E-08	
Indeno(1,2,3-cd)pyrene	1.6E-10	1.5E-10	8.8E-09	1.1E-09	7.2E-12
Napthalene			2.1E-06	2.7E-07	
Perylene		1.9E-16	6.6E-09	8.2E-10	9.2E-18
Phenanthrene			5.0E-07	6.3E-08	
Pyrene	3.1E-15	2.8E-15	1.0E-07	1.3E-08	7.8E-14
Particulate					
Particulate Total Suspended Particulate		4.3E-11	3.3E-04	4.2E-05	2.1E-12
PM<10		5.5E-11	4.4E-04	5.5E-05	2.7E-12
PM<2.5		4.5E-11	3.8E-04	4.7E-05	2.2E-12
PCBs					
Dichlorobiphenyl	8.2E-18	7.0E-18	1.3E-09	1.7E-10	6.5E-16
Heptachlorobiphenyl	9.5E-19	8.1E-19	1.8E-11	2.3E-12	4.1E-17

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Exposure Unit	08
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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Hexachlorobiphenyl	4.3E-18	3.6E-18	7.6E-11	9.5E-12	1.9E-16
Monochlorobiphenyl	5.7E-17	4.8E-17	9.2E-09	1.2E-09	4.5E-15
Nonachlorobiphenyl	1.7E-19	1.4E-19	2.6E-12	3.2E-13	7.2E-18
Octachlorobiphenyl	3.1E-19	2.6E-19	5.5E-12	6.9E-13	1.3E-17
Pentachlorobiphenyl	1.6E-17	1.3E-17	2.6E-10	3.3E-11	6.7E-16
Tetrachlorobiphenyl	3.1E-18	2.7E-18	4.3E-10	5.4E-11	2.5E-16
Trichlorobiphenyl	3.8E-18	3.2E-18	5.5E-10	6.8E-11	3.0E-16
Pesticides					
Chlordecone (Kepone)	1.8E-08	2.1E-08			1.0E-09
DDE		2.9E-09			9.3E-08
SVOCs					
1,2,4-trichlorobenzene			3.9E-09	4.8E-10	
1,2-dichlorobenzene			1.6E-09	1.9E-10	
1,3-Butadiene			3.1E-04		
1,3-dichlorobenzene			2.3E-09	2.9E-10	
1,4-dichlorobenzene			2.2E-08	2.7E-09	
2,4-Dimethylphenol			3.4E-07	4.2E-08	
2-Chlorophenol			6.8E-08	8.5E-09	
2-Methylphenol			8.0E-07	9.9E-08	
2-Nitrophenol			1.1E-07	1.3E-08	
3-Methylphenol & 4-Methylphenol		5.3E-14	1.4E-06	1.8E-07	2.6E-15
4-Nitrophenol			1.8E-07	2.2E-08	

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			1.7E-06	2.1E-07	
Benzoic acid			7.7E-06	9.6E-07	
Benzyl alcohol			6.4E-08	8.0E-09	
bis(2-Ethylhexyl) phthalate	9.6E-14	1.1E-13	2.7E-06	3.4E-07	5.6E-15
Butyl benzyl phthalate	4.7E-17	5.5E-17	8.5E-08	1.1E-08	2.7E-18
Carbazole		2.0E-16	2.4E-09	3.0E-10	9.8E-18
Dibenzofuran	2.1E-18	8.1E-18	1.4E-07	1.7E-08	3.5E-15
Dimethyl phthalate			4.8E-09	5.9E-10	
Di-n-butyl phthalate	4.6E-17	5.5E-17	1.3E-07	1.6E-08	2.7E-18
Di-n-octyl phthalate	1.3E-16	1.6E-16	9.2E-09	1.1E-09	7.8E-18
Hexachlorobutadiene			6.3E-07	7.9E-08	
Isopropanol			4.9E-03		
Phenol			4.3E-06	5.4E-07	
Pyridine			4.1E-07	5.1E-08	
TRS					
Total Reduced Sulfur			4.2E-06	5.2E-07	
VOCs					
1,1,1,2-Tetrachloroethane			1.9E-09	2.4E-10	
1,1,1-Trichloroethane			1.9E-09	2.4E-10	
1,1-Dichloroethene			3.7E-10	4.6E-11	
1,2,3-Trichlorobenzene			7.6E-09	9.5E-10	
1,2,3-Trichloropropane			1.5E-09	1.9E-10	

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			8.9E-08	1.1E-08	
1,2-Dibromoethane			9.9E-10	1.2E-10	
1,2-Dichloroethane			4.0E-08	1.4E-05	
1,3,5-Trimethylbenzene			8.4E-08	1.0E-08	
1,3-Dichloropropane			9.6E-10	1.2E-10	
2-Butanone			4.7E-07	5.9E-08	
2-Chlorotoluene			2.1E-08	2.6E-09	
2-Hexanone			9.7E-08	1.2E-08	
Benzene			1.2E-03	1.4E-04	
Bromobenzene			5.3E-07	6.6E-08	
Bromochloromethane			1.3E-09	1.6E-10	
Bromodichloromethane			1.4E-09	1.7E-10	
Bromomethane			5.4E-08	6.8E-09	
Carbon disulfide			4.8E-08	6.0E-09	
Carbon tetrachloride			2.1E-03	2.2E-04	
Chlorobenzene			6.9E-08	8.6E-09	
Chlorodibromomethane			3.4E-08	4.2E-09	
Chloroethane			1.3E-07	1.6E-08	
Chloroform			3.1E-04	3.4E-05	
Chloromethane			4.4E-07	5.5E-08	
cis-1,2-Dichloroethene			5.7E-08	7.1E-09	
cis-1,3-Dichloropropene			3.5E-10	4.3E-11	

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			2.9E-09	3.6E-10	
Dichlorodifluoromethane			3.6E-09	4.4E-10	
Ethylbenzene			3.9E-04	3.5E-07	
Isopropylbenzene			2.3E-07	2.8E-08	
m&p-Xylene			5.2E-07	6.5E-08	
Methyl Isobutyl Ketone (4-methyl-2-penta			5.1E-09	6.4E-10	
Methylene chloride			2.6E-07	3.2E-08	
n-Butylbenzene			1.1E-07	1.4E-08	
n-Propylbenzene			1.3E-07	1.7E-08	
o-Xylene			3.3E-07	4.1E-08	
p-Chlorotoluene			7.9E-09	9.9E-10	
p-Isopropyltoluene			5.5E-08	6.9E-09	
sec-Butylbenzene			2.0E-08	2.5E-09	
Styrene			7.3E-06	9.1E-07	
tert-Butylbenzene			6.5E-07	8.2E-08	
Tetrachloroethene			1.7E-09	2.2E-10	
Toluene			4.5E-06	5.6E-07	
trans-1,2-Dichloroethene			1.2E-06	1.5E-07	
trans-1,3-Dichloropropene			6.0E-10	7.5E-11	
Trichloroethene			1.0E-10	1.3E-11	
Trichlorofluoromethane			1.2E-09	1.6E-10	
Vinyl chloride			7.1E-08	8.8E-09	

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ACI Lifetime (yrs)	30
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Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			8.4E-07	1.0E-07	
Aldehydes					
Acetaldehyde			1.4E-06	1.8E-07	
Formaldehyde			3.2E-03	7.7E-08	
Propionaldehyde		2.2E-15	1.6E-07	2.0E-08	1.7E-14
CO					
Carbon monoxide			4.5E-05	5.6E-06	
CO2					
Carbon dioxide			1.4E-06	1.8E-07	
Criteria					
Sulfur Dioxide			3.8E-07	4.7E-08	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	2.2E-15	8.5E-15	8.5E-13	1.1E-13	4.2E-19
1,2,3,4,6,7,8-HpCDF	2.2E-15	8.6E-15	8.6E-13	1.1E-13	4.2E-19
1,2,3,4,7,8,9-HpCDF	2.5E-16	9.9E-16	1.1E-13	1.4E-14	4.8E-20
1,2,3,4,7,8-HxCDD	2.5E-16	9.7E-16	1.0E-13	1.3E-14	4.7E-20
1,2,3,4,7,8-HxCDF	2.0E-15	7.7E-15	8.3E-13	1.0E-13	3.8E-19
1,2,3,6,7,8-HxCDD	5.0E-16	2.0E-15	2.1E-13	2.7E-14	9.7E-20
1,2,3,6,7,8-HxCDF	6.4E-16	2.5E-15	2.7E-13	3.4E-14	1.2E-19
1,2,3,7,8,9-HxCDD	7.9E-16	3.1E-15	3.2E-13	4.1E-14	1.5E-19
1,2,3,7,8,9-HxCDF	4.6E-17	1.8E-16	2.1E-14	2.6E-15	8.8E-21

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Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	2.8E-16	1.1E-15	1.3E-13	1.6E-14	5.4E-20
1,2,3,7,8-PeCDF	3.3E-16	1.3E-15	1.8E-13	2.3E-14	6.3E-20
2,3,4,6,7,8-HxCDF	1.0E-15	3.9E-15	4.2E-13	5.2E-14	1.9E-19
2,3,4,7,8-PeCDF	7.8E-16	3.1E-15	4.1E-13	5.2E-14	1.5E-19
2,3,7,8-TCDD	5.5E-17	2.2E-16	5.2E-14	6.5E-15	7.4E-18
2,3,7,8-TCDF	1.0E-16	4.0E-16	1.9E-13	2.4E-14	2.0E-20
OCDD	1.5E-15	5.8E-15	5.6E-13	7.0E-14	2.8E-19
OCDF	5.7E-16	2.2E-15	2.1E-13	2.6E-14	1.1E-19
HCN					
Hydrogen cyanide			1.6E-07	2.0E-08	
Metals					
Aluminum		1.0E-02			5.0E-07
Antimony		3.8E-07	1.0E-08	1.3E-09	1.8E-11
Arsenic	3.6E-07	8.5E-07	5.9E-10	7.4E-11	6.9E-11
Barium		4.4E-09	1.3E-07	1.6E-08	2.1E-13
Beryllium		1.0E-15	4.3E-11	5.4E-12	5.1E-20
Cadmium		8.2E-16	7.6E-10	9.5E-11	4.0E-20
Chromium		9.6E-11	6.5E-09	8.1E-10	4.7E-15
Cobalt		2.6E-05	9.8E-09	1.2E-09	1.3E-09
Copper		4.5E-10	1.8E-08	2.2E-09	2.2E-14
Iron		2.3E-02			1.1E-06
Lead		1.1E-04	6.0E-09	7.5E-10	5.2E-09

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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		8.0E-13	5.5E-09	6.8E-10	3.9E-17
Mercury (+2)		6.4E-14	2.4E-11	2.9E-12	3.1E-18
Mercury, elemental		1.7E-06	9.8E-14	1.2E-14	3.3E-06
Methyl Mercury		3.8E-15			1.9E-19
Nickel		5.6E-04	3.5E-09	4.3E-10	2.7E-08
Phosphorus		7.5E-15	2.6E-08	3.3E-09	7.2E-14
Selenium		4.0E-17	1.7E-10	2.2E-11	2.0E-21
Silver		8.5E-13	1.1E-10	1.4E-11	4.2E-17
Titanium		8.0E-15	6.1E-11	7.6E-12	3.9E-19
Zinc		1.8E-13	1.4E-07	1.7E-08	9.0E-18
NOx					
NOx (Oxides of Nitrogen)			1.6E-06	2.0E-07	
PAHs					
1-Methylnaphthalene	2.4E-16	2.2E-16	3.3E-08	4.1E-09	2.5E-16
1-Methylphenanthrene		1.5E-13	3.9E-09	4.9E-10	7.1E-18
2,3,5-Trimethylnaphthalene		6.8E-14	1.9E-09	2.4E-10	3.3E-18
2,6-Dimethylnaphthalene		1.9E-13	5.1E-09	6.4E-10	9.1E-18
2-Methylnaphthalene	2.3E-16	2.1E-16	3.2E-08	4.0E-09	2.4E-16
Acenaphthylene		6.0E-13	1.9E-08	2.4E-09	2.9E-17
Acenaphthene			3.5E-09	4.3E-10	
Anthracene			6.1E-09	7.6E-10	
Benzo(a)anthracene	2.2E-08	2.0E-08	3.0E-09	3.7E-10	3.0E-10

Table H-236 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)pyrene	2.6E-08	2.4E-08	1.2E-09	1.5E-10	1.2E-12
Benzo(b)fluoranthene	4.7E-08	4.2E-08	1.3E-09	1.6E-10	2.1E-12
Benzo(e)pyrene		3.4E-14	1.0E-09	1.3E-10	1.7E-18
Benzo(g,h,i)perylene		2.5E-14	7.7E-10	9.6E-11	1.2E-18
Benzo(k)fluoranthene	3.5E-08	3.2E-08	1.2E-11	1.5E-12	1.6E-12
Biphenyl		3.3E-15	1.1E-07	1.4E-08	2.0E-15
Chrysene	2.7E-08	2.5E-08	5.1E-09	6.4E-10	1.2E-12
Dibenze(a,h)anthracene	3.4E-13	3.1E-13	1.9E-10	2.3E-11	1.5E-17
Fluoranthene	6.8E-14	6.1E-14	7.5E-09	9.4E-10	3.0E-18
Fluorene			1.9E-08	2.3E-09	
Indeno(1,2,3-cd)pyrene	1.1E-08	1.0E-08	6.2E-10	7.7E-11	5.0E-13
Napthalene			1.5E-07	1.9E-08	
Perylene		1.3E-14	4.6E-10	5.8E-11	6.5E-19
Phenanthrene			3.5E-08	4.4E-09	
Pyrene	2.8E-13	2.5E-13	7.3E-09	9.1E-10	7.1E-15
Particulate					
Particulate Total Suspended Particulate		3.0E-09	2.3E-05	2.9E-06	1.5E-13
PM<10		3.8E-09	3.1E-05	3.9E-06	1.9E-13
PM<2.5		3.2E-09	2.6E-05	3.3E-06	1.6E-13
PCBs					
Dichlorobiphenyl	9.9E-16	8.3E-16	9.3E-11	1.2E-11	7.8E-17
Heptachlorobiphenyl	1.2E-16	9.8E-17	1.3E-12	1.6E-13	5.0E-18

Table H-236 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Hexachlorobiphenyl	5.2E-16	4.4E-16	5.3E-12	6.7E-13	2.3E-17
Monochlorobiphenyl	6.9E-15	5.8E-15	6.5E-10	8.1E-11	5.4E-16
Nonachlorobiphenyl	2.0E-17	1.7E-17	1.8E-13	2.2E-14	8.8E-19
Octachlorobiphenyl	3.8E-17	3.2E-17	3.9E-13	4.9E-14	1.6E-18
Pentachlorobiphenyl	1.9E-15	1.6E-15	1.8E-11	2.3E-12	8.1E-17
Tetrachlorobiphenyl	3.8E-16	3.2E-16	3.0E-11	3.8E-12	3.0E-17
Trichlorobiphenyl	4.5E-16	3.8E-16	3.8E-11	4.8E-12	3.6E-17
Pesticides					
Chlordecone (Kepone)	1.3E-06	1.5E-06			7.3E-11
DDE		2.1E-07			6.5E-09
SVOCs					
1,2,4-trichlorobenzene			2.7E-10	3.4E-11	
1,2-dichlorobenzene			1.1E-10	1.4E-11	
1,3-Butadiene			2.2E-05		
1,3-dichlorobenzene			1.6E-10	2.0E-11	
1,4-dichlorobenzene			1.5E-09	1.9E-10	
2,4-Dimethylphenol			2.4E-08	3.0E-09	
2-Chlorophenol			4.7E-09	5.9E-10	
2-Methylphenol			5.6E-08	7.0E-09	
2-Nitrophenol			7.6E-09	9.4E-10	
3-Methylphenol & 4-Methylphenol		3.7E-12	1.0E-07	1.3E-08	1.8E-16
4-Nitrophenol			1.3E-08	1.6E-09	

Table H-236 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			1.2E-07	1.5E-08	
Benzoic acid			5.4E-07	6.7E-08	
Benzyl alcohol			4.5E-09	5.6E-10	
bis(2-Ethylhexyl) phthalate	6.7E-12	8.0E-12	1.9E-07	2.4E-08	3.9E-16
Butyl benzyl phthalate	3.3E-15	3.8E-15	6.0E-09	7.5E-10	1.9E-19
Carbazole		1.4E-14	1.7E-10	2.1E-11	6.9E-19
Dibenzofuran	1.4E-16	5.7E-16	9.5E-09	1.2E-09	2.4E-16
Dimethyl phthalate			3.3E-10	4.2E-11	
Di-n-butyl phthalate	3.3E-15	3.9E-15	9.2E-09	1.1E-09	1.9E-19
Di-n-octyl phthalate	9.4E-15	1.1E-14	6.4E-10	8.0E-11	5.5E-19
Hexachlorobutadiene			4.4E-08	5.5E-09	
Isopropanol			3.4E-04		
Phenol			3.0E-07	3.8E-08	
Pyridine			2.9E-08	3.6E-09	
TRS					
Total Reduced Sulfur			2.9E-07	3.6E-08	
VOCs					
1,1,1,2-Tetrachloroethane			1.3E-10	1.7E-11	
1,1,1-Trichloroethane			1.3E-10	1.7E-11	
1,1-Dichloroethene			2.6E-11	3.2E-12	
1,2,3-Trichlorobenzene			5.3E-10	6.7E-11	
1,2,3-Trichloropropane			1.1E-10	1.4E-11	

Table H-236 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			6.2E-09	7.8E-10	
1,2-Dibromoethane			6.9E-11	8.6E-12	
1,2-Dichloroethane			2.8E-09	1.0E-06	
1,3,5-Trimethylbenzene			5.9E-09	7.3E-10	
1,3-Dichloropropane			6.7E-11	8.4E-12	
2-Butanone			3.3E-08	4.1E-09	
2-Chlorotoluene			1.5E-09	1.8E-10	
2-Hexanone			6.8E-09	8.4E-10	
Benzene			8.4E-05	9.7E-06	
Bromobenzene			3.7E-08	4.7E-09	
Bromochloromethane			8.8E-11	1.1E-11	
Bromodichloromethane			9.5E-11	1.2E-11	
Bromomethane			3.8E-09	4.8E-10	
Carbon disulfide			3.3E-09	4.2E-10	
Carbon tetrachloride			1.5E-04	1.5E-05	
Chlorobenzene			4.8E-09	6.0E-10	
Chlorodibromomethane			2.4E-09	3.0E-10	
Chloroethane			9.1E-09	1.1E-09	
Chloroform			2.2E-05	2.4E-06	
Chloromethane			3.1E-08	3.9E-09	
cis-1,2-Dichloroethene			4.0E-09	5.0E-10	
cis-1,3-Dichloropropene			2.4E-11	3.0E-12	

Table H-236 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			2.0E-10	2.5E-11	
Dichlorodifluoromethane			2.5E-10	3.1E-11	
Ethylbenzene			2.7E-05	2.4E-08	
Isopropylbenzene			1.6E-08	2.0E-09	
m&p-Xylene			3.6E-08	4.6E-09	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.6E-10	4.5E-11	
Methylene chloride			1.8E-08	2.3E-09	
n-Butylbenzene			7.8E-09	9.7E-10	
n-Propylbenzene			9.4E-09	1.2E-09	
o-Xylene			2.3E-08	2.9E-09	
p-Chlorotoluene			5.5E-10	6.9E-11	
p-Isopropyltoluene			3.8E-09	4.8E-10	
sec-Butylbenzene			1.4E-09	1.8E-10	
Styrene			5.1E-07	6.4E-08	
tert-Butylbenzene			4.6E-08	5.7E-09	
Tetrachloroethene			1.2E-10	1.5E-11	
Toluene			3.2E-07	3.9E-08	
trans-1,2-Dichloroethene			8.4E-08	1.1E-08	
trans-1,3-Dichloropropene			4.2E-11	5.3E-12	
Trichloroethene			7.3E-12	9.1E-13	
Trichlorofluoromethane			8.7E-11	1.1E-11	
Vinyl chloride			5.0E-09	6.2E-10	

Table H-237 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						1.2E-05	2.8E-05	1.5E-06	1.5E-06		
Aldehydes											
Acetaldehyde	1.3E-15					2.1E-05	4.8E-05	2.6E-06	2.6E-06		
Formaldehyde	6.5E-15					4.6E-02	2.0E-05	1.1E-06	1.1E-06		
Propionaldehyde				3.2E-17	9.0E-17	2.3E-06	5.2E-06	2.8E-07	2.8E-07	2.4E-13	1.5E-12
CO											
Carbon monoxide						6.4E-04	1.5E-03	8.0E-05	8.0E-05		
CO2											
Carbon dioxide						2.0E-05	4.6E-05	2.5E-06	2.5E-06		
Criteria											
Sulfur Dioxide						5.4E-06	1.2E-05	6.8E-07	6.8E-07		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-20	1.8E-17	2.5E-17	7.0E-17	2.0E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	3.4E-18	2.1E-17
1,2,3,4,6,7,8-HpCDF	1.7E-20	1.8E-17	2.5E-17	7.1E-17	2.0E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	3.5E-18	2.1E-17
1,2,3,4,7,8,9-HpCDF	2.6E-21	2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.6E-12	3.6E-12	1.9E-13	1.9E-13	4.0E-19	2.5E-18
1,2,3,4,7,8-HxCDD	2.0E-20	2.0E-18	2.8E-18	7.9E-18	2.2E-17	1.5E-12	3.3E-12	1.8E-13	1.8E-13	3.9E-19	2.4E-18
1,2,3,4,7,8-HxCDF	1.4E-19	1.6E-17	2.2E-17	6.3E-17	1.8E-16	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.1E-18	1.9E-17
1,2,3,6,7,8-HxCDD	3.8E-20	4.1E-18	5.7E-18	1.6E-17	4.5E-17	3.1E-12	7.1E-12	3.8E-13	3.8E-13	7.9E-19	4.9E-18
1,2,3,6,7,8-HxCDF	5.1E-20	5.2E-18	7.3E-18	2.1E-17	5.8E-17	3.8E-12	8.8E-12	4.8E-13	4.8E-13	1.0E-18	6.2E-18
1,2,3,7,8,9-HxCDD	5.5E-20	6.5E-18	9.1E-18	2.6E-17	7.1E-17	4.6E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	7.7E-18
1,2,3,7,8,9-HxCDF	4.1E-21	3.7E-19	5.2E-19	1.5E-18	4.1E-18	2.9E-13	6.8E-13	3.7E-14	3.7E-14	7.2E-20	4.5E-19
1,2,3,7,8-PeCDD	1.1E-19	2.3E-18	3.2E-18	9.0E-18	2.5E-17	1.8E-12	4.3E-12	2.3E-13	2.3E-13	4.4E-19	2.7E-18
1,2,3,7,8-PeCDF	1.5E-19	2.7E-18	3.7E-18	1.1E-17	3.0E-17	2.6E-12	6.1E-12	3.3E-13	3.3E-13	5.2E-19	3.2E-18

Table H-237 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.3E-20	8.2E-18	1.1E-17	3.2E-17	9.0E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	1.6E-18	9.7E-18
2,3,4,7,8-PeCDF	2.3E-19	6.4E-18	9.0E-18	2.5E-17	7.1E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	1.2E-18	7.6E-18
2,3,7,8-TCDD	3.6E-20	4.6E-19	6.4E-19	1.8E-18	5.1E-18	7.4E-13	1.7E-12	9.3E-14	9.3E-14	6.2E-17	3.8E-16
2,3,7,8-TCDF	1.1E-19	8.4E-19	1.2E-18	3.3E-18	9.3E-18	2.7E-12	6.3E-12	3.4E-13	3.4E-13	1.6E-19	1.0E-18
OCDD	2.4E-22	1.2E-17	1.7E-17	4.7E-17	1.3E-16	8.0E-12	1.9E-11	1.0E-12	1.0E-12	2.3E-18	1.4E-17
OCDF	8.8E-23	4.6E-18	6.5E-18	1.8E-17	5.1E-17	3.0E-12	7.0E-12	3.8E-13	3.8E-13	9.0E-19	5.5E-18
HCN											
Hydrogen cyanide						2.3E-06	5.2E-06	2.8E-07	2.8E-07		
Metals											
Aluminum				1.5E-04	2.8E-04					7.2E-06	3.0E-05
Antimony	2.2E-19			5.4E-09	2.1E-08	1.5E-07	3.4E-07	1.9E-08	1.9E-08	2.6E-10	2.2E-09
Arsenic	1.2E-17	5.1E-09	3.3E-09	1.2E-08	1.6E-08	8.5E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-10	2.8E-09
Barium	3.1E-14			3.9E-11	1.1E-10	1.8E-06	4.2E-06	2.2E-07	2.2E-07	1.9E-12	1.2E-11
Beryllium	4.7E-19			1.5E-17	4.2E-17	6.1E-10	1.4E-09	7.7E-11	7.7E-11	7.3E-19	4.5E-18
Cadmium	1.2E-16			1.2E-17	3.3E-17	1.1E-08	2.5E-08	1.4E-09	1.4E-09	5.7E-19	3.5E-18
Chromium	3.5E-17			1.0E-12	2.8E-12	9.2E-08	2.1E-07	1.2E-08	1.2E-08	5.0E-14	3.1E-13
Cobalt				3.8E-07	5.3E-07	1.4E-07	3.2E-07	1.8E-08	1.8E-08	1.9E-08	5.7E-08
Copper				4.2E-12	1.2E-11	2.5E-07	5.9E-07	3.2E-08	3.2E-08	2.0E-13	1.3E-12
Iron				3.2E-04	5.4E-04					1.6E-05	5.8E-05
Lead	9.9E-20			1.5E-06	3.3E-06	8.5E-08	2.0E-07	1.1E-08	1.1E-08	7.5E-08	3.5E-07
Manganese				1.1E-14	3.2E-14	7.8E-08	1.8E-07	9.7E-09	9.7E-09	5.6E-16	3.4E-15
Mercury (+2)				4.6E-16	1.3E-15	3.4E-10	7.8E-10	4.2E-11	4.2E-11	2.2E-17	1.4E-16
Mercury, elemental				2.4E-08	6.3E-10	1.4E-12	3.2E-12	1.8E-13	1.8E-13	4.7E-05	2.9E-04
Methyl Mercury	1.2E-16			2.7E-17	7.6E-17					1.3E-18	8.2E-18

Table H-237 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	4.7E-17			8.0E-06	1.0E-05	5.0E-08	1.1E-07	6.2E-09	6.2E-09	3.9E-07	1.1E-06
Phosphorus				1.1E-16	3.0E-16	3.8E-07	8.7E-07	4.7E-08	4.7E-08	1.0E-12	6.4E-12
Selenium	3.9E-18			5.8E-19	1.6E-18	2.5E-09	5.8E-09	3.1E-10	3.1E-10	2.8E-20	1.7E-19
Silver	2.9E-18			1.1E-14	3.0E-14	1.6E-09	3.8E-09	2.0E-10	2.0E-10	5.2E-16	3.2E-15
Thallium (Soluble Salts)					2.4E-09						2.6E-10
Titanium				1.1E-16	3.2E-16	8.7E-10	2.0E-09	1.1E-10	1.1E-10	5.6E-18	3.5E-17
Zinc	5.8E-14			2.6E-15	7.4E-15	2.0E-06	4.5E-06	2.4E-07	2.4E-07	1.3E-16	8.0E-16
NOx											
NOx (Oxides of Nitrogen)						2.2E-05	5.2E-05	2.8E-06	2.8E-06		
PAHs											
1-Methylnaphthalene		3.4E-18	4.8E-18	3.1E-18	8.7E-18	4.7E-07	1.1E-06	5.9E-08	5.9E-08	3.5E-15	2.2E-14
1-Methylphenanthrene				2.1E-15	5.8E-15	5.6E-08	1.3E-07	7.0E-09	7.0E-09	1.0E-16	6.3E-16
2,3,5-Trimethylnaphthalene				9.7E-16	2.7E-15	2.8E-08	6.4E-08	3.5E-09	3.5E-09	4.8E-17	2.9E-16
2,6-Dimethylnaphthalene				2.7E-15	7.4E-15	7.4E-08	1.7E-07	9.2E-09	9.2E-09	1.3E-16	8.0E-16
2-Methylnaphthalene		3.3E-18	4.6E-18	3.0E-18	8.4E-18	4.6E-07	1.1E-06	5.7E-08	5.7E-08	3.4E-15	2.1E-14
Acenaphthylene				8.5E-15	2.4E-14	2.7E-07	6.2E-07	3.4E-08	3.4E-08	4.2E-16	2.6E-15
Acenaphthene	4.8E-17					4.9E-08	1.1E-07	6.2E-09	6.2E-09		
Anthracene	6.1E-16					8.7E-08	2.0E-07	1.1E-08	1.1E-08		
Benzo(a)anthracene	8.8E-14	3.2E-10	7.3E-09	2.9E-10	1.3E-08	4.3E-08	9.9E-08	5.3E-09	5.3E-09	4.3E-09	2.7E-08
Benzo(a)pyrene	4.4E-14	3.7E-10	8.0E-09	3.4E-10	1.5E-08	1.7E-08	3.9E-08	2.1E-09	2.1E-09	1.6E-11	1.6E-09
Benzo(b)fluoranthene	1.2E-14	6.7E-10	1.1E-08	6.1E-10	2.0E-08	1.9E-08	4.3E-08	2.3E-09	2.3E-09	3.0E-11	2.2E-09
Benzo(e)pyrene				4.9E-16	1.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	2.4E-17	1.5E-16
Benzo(g,h,i)perylene				3.6E-16	1.0E-15	1.1E-08	2.5E-08	1.4E-09	1.4E-09	1.8E-17	1.1E-16
Benzo(k)fluoranthene	9.8E-17	5.0E-10	5.7E-09	4.6E-10	1.0E-08	1.7E-10	3.8E-10	2.1E-11	2.1E-11	2.2E-11	1.1E-09

Table H-237 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				4.8E-17	1.3E-16	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.8E-14	1.7E-13
Chrysene	1.5E-14	3.9E-10	8.2E-09	3.5E-10	1.5E-08	7.3E-08	1.7E-07	9.1E-09	9.1E-09	1.7E-11	1.6E-09
Dibenze(a,h)anthracene	2.2E-15	4.3E-15	2.0E-09	3.9E-15	3.6E-09	2.7E-09	6.1E-09	3.3E-10	3.3E-10	1.9E-16	3.9E-10
Fluoranthene	4.0E-15	9.1E-16	1.3E-15	8.3E-16	2.3E-15	1.1E-07	2.5E-07	1.3E-08	1.3E-08	4.0E-17	2.5E-16
Fluorene	8.7E-16					2.7E-07	6.2E-07	3.3E-08	3.3E-08		
Indeno(1,2,3-cd)pyrene	5.5E-15	1.6E-10	5.2E-09	1.5E-10	9.5E-09	8.8E-09	2.0E-08	1.1E-09	1.1E-09	7.2E-12	1.0E-09
Napthalene	4.0E-16					2.1E-06	4.9E-06	2.7E-07	2.7E-07		
Perylene				1.9E-16	5.3E-16	6.6E-09	1.5E-08	8.2E-10	8.2E-10	9.2E-18	5.7E-17
Phenanthrene	4.2E-15					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
Pyrene	2.9E-15	3.1E-15	4.3E-15	2.8E-15	7.8E-15	1.0E-07	2.4E-07	1.3E-08	1.3E-08	7.8E-14	4.8E-13
Particulate											
Particulate Total Suspended Particulate				4.3E-11	1.2E-10	3.3E-04	7.7E-04	4.2E-05	4.2E-05	2.1E-12	1.3E-11
PM<10				5.5E-11	1.5E-10	4.4E-04	1.0E-03	5.5E-05	5.5E-05	2.7E-12	1.7E-11
PM<2.5				4.5E-11	1.3E-10	3.8E-04	8.7E-04	4.7E-05	4.7E-05	2.2E-12	1.4E-11
PCBs											
Dichlorobiphenyl	8.7E-17	8.2E-18	1.2E-17	7.0E-18	1.9E-17	1.3E-09	3.1E-09	1.7E-10	1.7E-10	6.5E-16	4.0E-15
Heptachlorobiphenyl	3.3E-18	9.5E-19	1.3E-18	8.1E-19	2.3E-18	1.8E-11	4.2E-11	2.3E-12	2.3E-12	4.1E-17	2.5E-16
Hexachlorobiphenyl	1.3E-17	4.3E-18	6.0E-18	3.6E-18	1.0E-17	7.6E-11	1.8E-10	9.5E-12	9.5E-12	1.9E-16	1.1E-15
Monochlorobiphenyl	6.1E-16	5.7E-17	8.0E-17	4.8E-17	1.4E-16	9.2E-09	2.1E-08	1.2E-09	1.2E-09	4.5E-15	2.8E-14
Nonachlorobiphenyl	4.1E-19	1.7E-19	2.4E-19	1.4E-19	4.0E-19	2.6E-12	5.9E-12	3.2E-13	3.2E-13	7.2E-18	4.5E-17
Octachlorobiphenyl	9.7E-19	3.1E-19	4.3E-19	2.6E-19	7.3E-19	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.3E-17	8.2E-17
Pentachlorobiphenyl	4.4E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	2.6E-10	6.0E-10	3.3E-11	3.3E-11	6.7E-16	4.1E-15
Tetrachlorobiphenyl	2.6E-17	3.1E-18	4.4E-18	2.7E-18	7.4E-18	4.3E-10	9.9E-10	5.4E-11	5.4E-11	2.5E-16	1.5E-15
Trichlorobiphenyl	3.4E-17	3.8E-18	5.3E-18	3.2E-18	8.9E-18	5.5E-10	1.3E-09	6.8E-11	6.8E-11	3.0E-16	1.8E-15

Table H-237 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
Chlordecone (Kepone)		1.8E-08		2.1E-08						1.0E-09	
DDE				2.9E-09	3.1E-09					9.3E-08	5.7E-07
Dieldrin			1.4E-10		3.4E-10						3.6E-11
SVOCs											
1,2,4-trichlorobenzene						3.9E-09	8.9E-09	4.8E-10	4.8E-10		
1,2-dichlorobenzene	3.9E-20					1.6E-09	3.6E-09	1.9E-10	1.9E-10		
1,3-Butadiene						3.1E-04					
1,3-dichlorobenzene	9.9E-20					2.3E-09	5.4E-09	2.9E-10	2.9E-10		
1,4-dichlorobenzene	1.3E-18					2.2E-08	5.0E-08	2.7E-09	2.7E-09		
2,4-Dimethylphenol	3.6E-17					3.4E-07	7.8E-07	4.2E-08	4.2E-08		
2-Chlorophenol	1.8E-18					6.8E-08	1.6E-07	8.5E-09	8.5E-09		
2-Methylphenol	7.5E-16					8.0E-07	1.8E-06	9.9E-08	9.9E-08		
2-Nitrophenol	4.6E-18					1.1E-07	2.5E-07	1.3E-08	1.3E-08		
3-Methylphenol & 4-Methylphenol				5.3E-14	1.5E-13	1.4E-06	3.3E-06	1.8E-07	1.8E-07	2.6E-15	1.6E-14
4-Nitrophenol	9.3E-18					1.8E-07	4.1E-07	2.2E-08	2.2E-08		
Acetophenone	5.6E-17					1.7E-06	3.9E-06	2.1E-07	2.1E-07		
Benzoic acid	2.3E-16					7.7E-06	1.8E-05	9.6E-07	9.6E-07		
Benzyl alcohol	1.4E-19					6.4E-08	1.5E-07	8.0E-09	8.0E-09		
bis(2-Ethylhexyl) phthalate	7.0E-15	9.6E-14	1.3E-13	1.1E-13	3.2E-13	2.7E-06	6.3E-06	3.4E-07	3.4E-07	5.6E-15	3.4E-14
Butyl benzyl phthalate	2.5E-15	4.7E-17	6.5E-17	5.5E-17	1.5E-16	8.5E-08	2.0E-07	1.1E-08	1.1E-08	2.7E-18	1.7E-17
Carbazole				2.0E-16	5.6E-16	2.4E-09	5.5E-09	3.0E-10	3.0E-10	9.8E-18	6.0E-17
Dibenzofuran		2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.4E-07	3.1E-07	1.7E-08	1.7E-08	3.5E-15	2.1E-14
Dimethyl phthalate	9.2E-19					4.8E-09	1.1E-08	5.9E-10	5.9E-10		

Table H-237 (Lifetime Average Daily Dose)

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Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-butyl phthalate	2.4E-14	4.6E-17	6.5E-17	5.5E-17	1.5E-16	1.3E-07	3.0E-07	1.6E-08	1.6E-08	2.7E-18	1.7E-17
Di-n-octyl phthalate	1.8E-19	1.3E-16	1.9E-16	1.6E-16	4.4E-16	9.2E-09	2.1E-08	1.1E-09	1.1E-09	7.8E-18	4.8E-17
Hexachlorobutadiene	9.6E-17					6.3E-07	1.5E-06	7.9E-08	7.9E-08		
Isopropanol						4.9E-03	3.2E-02				
p-Chloroaniline			4.7E-09		1.1E-08						1.2E-09
Phenol	2.1E-15					4.3E-06	9.9E-06	5.4E-07	5.4E-07		
Pyridine	1.1E-16					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
TRS											
Total Reduced Sulfur						4.2E-06	9.6E-06	5.2E-07	5.2E-07		
VOCs											
1,1,1,2-Tetrachloroethane	3.8E-20					1.9E-09	4.5E-09	2.4E-10	2.4E-10		
1,1,1-Trichloroethane	2.5E-21					1.9E-09	4.4E-09	2.4E-10	2.4E-10		
1,1-Dichloroethene	8.5E-23					3.7E-10	8.6E-10	4.6E-11	4.6E-11		
1,2,3-Trichlorobenzene	2.7E-18					7.6E-09	1.8E-08	9.5E-10	9.5E-10		
1,2,3-Trichloropropane	1.5E-20					1.5E-09	3.6E-09	1.9E-10	1.9E-10		
1,2,4-Trimethylbenzene						8.9E-08	2.1E-07	1.1E-08	1.1E-08		
1,2-Dibromoethane	5.3E-21					9.9E-10	2.3E-09	1.2E-10	1.2E-10		
1,2-Dichloroethane	1.7E-19					4.0E-08	6.3E-04	1.4E-05	1.4E-05		
1,3,5-Trimethylbenzene	8.6E-19					8.4E-08	1.9E-07	1.0E-08	1.0E-08		
1,3-Dichloropropane						9.6E-10	2.2E-09	1.2E-10	1.2E-10		
2-Butanone	3.5E-17					4.7E-07	1.1E-06	5.9E-08	5.9E-08		
2-Chlorotoluene						2.1E-08	4.9E-08	2.6E-09	2.6E-09		
2-Hexanone						9.7E-08	2.2E-07	1.2E-08	1.2E-08		
Benzene	2.8E-17					1.2E-03	3.8E-03	1.4E-04	1.4E-04		

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Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromobenzene						5.3E-07	1.2E-06	6.6E-08	6.6E-08		
Bromochloromethane						1.3E-09	2.9E-09	1.6E-10	1.6E-10		
Bromodichloromethane	4.5E-21					1.4E-09	4.8E-03	1.7E-10	1.7E-10		
Bromoform							2.2E-02				
Bromomethane	1.9E-20					5.4E-08	1.3E-07	6.8E-09	6.8E-09		
Carbon disulfide	1.8E-20					4.8E-08	1.1E-07	6.0E-09	6.0E-09		
Carbon tetrachloride	1.9E-21					2.1E-03	5.6E-03	2.2E-04	2.2E-04		
Chlorobenzene	6.7E-19					6.9E-08	1.6E-07	8.6E-09	8.6E-09		
Chlorodibromomethane	2.6E-19					3.4E-08	7.8E-08	4.2E-09	4.2E-09		
Chloroethane	5.3E-20					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
Chloroform	4.0E-20					3.1E-04	1.1E-02	3.4E-05	3.4E-05		
Chloromethane	1.4E-19					4.4E-07	1.0E-06	5.5E-08	5.5E-08		
cis-1,2-Dichloroethene	5.4E-20					5.7E-08	1.3E-07	7.1E-09	7.1E-09		
cis-1,3-Dichloropropene						3.5E-10	8.0E-10	4.3E-11	4.3E-11		
Dibromomethane	6.0E-21					2.9E-09	6.7E-09	3.6E-10	3.6E-10		
Dichlorodifluoromethane	6.7E-23					3.6E-09	8.2E-09	4.4E-10	4.4E-10		
Ethylbenzene	2.1E-17					3.9E-04	3.2E-03	3.5E-07	3.5E-07		
Isopropylbenzene	2.8E-20					2.3E-07	5.2E-07	2.8E-08	2.8E-08		
m&p-Xylene	3.4E-18					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Methyl Isobutyl Ketone (4-methyl-2-per	3.4E-20					5.1E-09	1.2E-08	6.4E-10	6.4E-10		
Methylene chloride	3.7E-19					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
n-Butylbenzene						1.1E-07	2.6E-07	1.4E-08	1.4E-08		
n-Propylbenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08		
o-Xylene	4.0E-18					3.3E-07	7.6E-07	4.1E-08	4.1E-08		

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Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
p-Chlorotoluene						7.9E-09	1.8E-08	9.9E-10	9.9E-10		
p-Isopropyltoluene						5.5E-08	1.3E-07	6.9E-09	6.9E-09		
sec-Butylbenzene						2.0E-08	4.7E-08	2.5E-09	2.5E-09		
Styrene	1.3E-16					7.3E-06	1.7E-05	9.1E-07	9.1E-07		
tert-Butylbenzene						6.5E-07	1.5E-06	8.2E-08	8.2E-08		
Tetrachloroethene	9.4E-21					1.7E-09	4.0E-09	2.2E-10	2.2E-10		
Toluene	2.2E-17					4.5E-06	1.0E-05	5.6E-07	5.6E-07		
trans-1,2-Dichloroethene	8.4E-19					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
trans-1,3-Dichloropropene						6.0E-10	1.4E-09	7.5E-11	7.5E-11		
Trichloroethene	9.7E-23					1.0E-10	6.4E-03	1.3E-11	1.3E-11		
Trichlorofluoromethane	1.5E-22					1.2E-09	2.9E-09	1.6E-10	1.6E-10		
Vinyl chloride	6.9E-21					7.1E-08	1.6E-07	8.8E-09	8.8E-09		

Table H-238 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					3.2E-03	1.4E-06	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19

Table H-238 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.0E-02	2.0E-02					5.0E-07	2.1E-06
Antimony	1.6E-17			3.8E-07	1.4E-06	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.8E-11	1.5E-10
Arsenic	8.1E-16	3.6E-07	2.3E-07	8.5E-07	1.1E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	6.9E-11	2.0E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				2.6E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.3E-09	4.0E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				2.3E-02	3.7E-02					1.1E-06	4.0E-06
Lead	6.9E-18			1.1E-04	2.3E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.2E-09	2.5E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				1.7E-06	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	3.3E-06	2.0E-05
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18

Table H-238 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	7.1E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.7E-08	7.7E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Thallium (Soluble Salts)					1.7E-07						1.8E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	2.2E-08	5.1E-07	2.0E-08	9.3E-07	3.0E-09	6.9E-09	3.7E-10	3.7E-10	3.0E-10	1.9E-09
Benzo(a)pyrene	3.1E-12	2.6E-08	5.6E-07	2.4E-08	1.0E-06	1.2E-09	2.7E-09	1.5E-10	1.5E-10	1.2E-12	1.1E-10
Benzo(b)fluoranthene	8.3E-13	4.7E-08	7.9E-07	4.2E-08	1.4E-06	1.3E-09	3.0E-09	1.6E-10	1.6E-10	2.1E-12	1.5E-10
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	3.5E-08	4.0E-07	3.2E-08	7.2E-07	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.6E-12	7.8E-11

Table H-238 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.7E-08	5.7E-07	2.5E-08	1.0E-06	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.2E-12	1.1E-10
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	1.4E-07	3.1E-13	2.5E-07	1.9E-10	4.3E-10	2.3E-11	2.3E-11	1.5E-17	2.7E-11
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.1E-08	3.6E-07	1.0E-08	6.6E-07	6.2E-10	1.4E-09	7.7E-11	7.7E-11	5.0E-13	7.1E-11
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16

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Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
Chlordecone (Kepone)		1.3E-06		1.5E-06						7.3E-11	
DDE				2.1E-07	2.2E-07					6.5E-09	4.0E-08
Dieldrin			1.0E-08		2.4E-08						2.5E-12
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						2.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		

Table H-238 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						3.4E-04	2.3E-03				
p-Chloroaniline			3.3E-07		7.7E-07						8.4E-11
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	4.4E-05	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.4E-05	2.7E-04	9.7E-06	9.7E-06		

Table H-238 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09				
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11				
Bromodichloromethane	3.1E-19					9.5E-11	3.4E-04	1.2E-11	1.2E-11				
Bromoform							1.5E-03						
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10				
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10				
Carbon tetrachloride	1.3E-19					1.5E-04	3.9E-04	1.5E-05	1.5E-05				
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10				
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10				
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09				
Chloroform	2.8E-18					2.2E-05	7.9E-04	2.4E-06	2.4E-06				
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09				
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10				
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12				
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11				
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11				
Ethylbenzene	1.5E-15					2.7E-05	2.2E-04	2.4E-08	2.4E-08				
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09				
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09				
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11				
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09				
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10				
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09				
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09				

Table H-238 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					7.3E-12	4.5E-04	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10		

Table H-239 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						1.2E-05	2.8E-05	1.5E-06	1.5E-06		
Aldehydes											
Acetaldehyde	1.3E-15					2.1E-05	4.8E-05	2.6E-06	2.6E-06		
Formaldehyde	6.5E-15					4.6E-02	5.7E-01	1.1E-06	1.1E-06		
Propionaldehyde				3.2E-17	9.0E-17	2.3E-06	5.2E-06	2.8E-07	2.8E-07	2.4E-13	1.5E-12
CO											
Carbon monoxide						6.4E-04	1.5E-03	8.0E-05	8.0E-05		
CO2											
Carbon dioxide						2.0E-05	4.6E-05	2.5E-06	2.5E-06		
Criteria											
Sulfur Dioxide						5.4E-06	1.2E-05	6.8E-07	6.8E-07		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-20	1.8E-17	2.5E-17	7.0E-17	2.0E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	3.4E-18	2.1E-17
1,2,3,4,6,7,8-HpCDF	1.7E-20	1.8E-17	2.5E-17	7.1E-17	2.0E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	3.5E-18	2.1E-17
1,2,3,4,7,8,9-HpCDF	2.6E-21	2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.6E-12	3.6E-12	1.9E-13	1.9E-13	4.0E-19	2.5E-18
1,2,3,4,7,8-HxCDD	2.0E-20	2.0E-18	2.8E-18	7.9E-18	2.2E-17	1.5E-12	3.3E-12	1.8E-13	1.8E-13	3.9E-19	2.4E-18
1,2,3,4,7,8-HxCDF	1.4E-19	1.6E-17	2.2E-17	6.3E-17	1.8E-16	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.1E-18	1.9E-17
1,2,3,6,7,8-HxCDD	3.8E-20	4.1E-18	5.7E-18	1.6E-17	4.5E-17	3.1E-12	7.1E-12	3.8E-13	3.8E-13	7.9E-19	4.9E-18
1,2,3,6,7,8-HxCDF	5.1E-20	5.2E-18	7.3E-18	2.1E-17	5.8E-17	3.8E-12	8.8E-12	4.8E-13	4.8E-13	1.0E-18	6.2E-18
1,2,3,7,8,9-HxCDD	5.5E-20	6.5E-18	9.1E-18	2.6E-17	7.1E-17	4.6E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	7.7E-18
1,2,3,7,8,9-HxCDF	4.1E-21	3.7E-19	5.2E-19	1.5E-18	4.1E-18	2.9E-13	6.8E-13	3.7E-14	3.7E-14	7.2E-20	4.5E-19
1,2,3,7,8-PeCDD	1.1E-19	2.3E-18	3.2E-18	9.0E-18	2.5E-17	1.8E-12	4.3E-12	2.3E-13	2.3E-13	4.4E-19	2.7E-18
1,2,3,7,8-PeCDF	1.5E-19	2.7E-18	3.7E-18	1.1E-17	3.0E-17	2.6E-12	6.1E-12	3.3E-13	3.3E-13	5.2E-19	3.2E-18

Table H-239 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.3E-20	8.2E-18	1.1E-17	3.2E-17	9.0E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	1.6E-18	9.7E-18
2,3,4,7,8-PeCDF	2.3E-19	6.4E-18	9.0E-18	2.5E-17	7.1E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	1.2E-18	7.6E-18
2,3,7,8-TCDD	3.6E-20	4.6E-19	6.4E-19	1.8E-18	5.1E-18	7.4E-13	1.7E-12	9.3E-14	9.3E-14	6.2E-17	3.8E-16
2,3,7,8-TCDF	1.1E-19	8.4E-19	1.2E-18	3.3E-18	9.3E-18	2.7E-12	6.3E-12	3.4E-13	3.4E-13	1.6E-19	1.0E-18
OCDD	2.4E-22	1.2E-17	1.7E-17	4.7E-17	1.3E-16	8.0E-12	1.9E-11	1.0E-12	1.0E-12	2.3E-18	1.4E-17
OCDF	8.8E-23	4.6E-18	6.5E-18	1.8E-17	5.1E-17	3.0E-12	7.0E-12	3.8E-13	3.8E-13	9.0E-19	5.5E-18
HCN											
Hydrogen cyanide						2.3E-06	5.2E-06	2.8E-07	2.8E-07		
Metals											
Aluminum				1.5E-04	3.4E-04					7.2E-06	3.7E-05
Antimony	2.2E-19			5.4E-09	6.8E-09	1.5E-07	3.4E-07	1.9E-08	1.9E-08	2.6E-10	7.4E-10
Arsenic	1.2E-17	5.1E-09	6.5E-09	1.2E-08	3.1E-08	8.5E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-10	5.5E-09
Barium	3.1E-14			3.9E-11	1.1E-10	1.8E-06	4.2E-06	2.2E-07	2.2E-07	1.9E-12	1.2E-11
Beryllium	4.7E-19			1.5E-17	4.2E-17	6.1E-10	1.4E-09	7.7E-11	7.7E-11	7.3E-19	4.5E-18
Cadmium	1.2E-16			1.2E-17	3.3E-17	1.1E-08	2.5E-08	1.4E-09	1.4E-09	5.7E-19	3.5E-18
Chromium	3.5E-17			1.0E-12	2.8E-12	9.2E-08	2.1E-07	1.2E-08	1.2E-08	5.0E-14	3.1E-13
Cobalt				3.8E-07	5.3E-07	1.4E-07	3.2E-07	1.8E-08	1.8E-08	1.9E-08	5.7E-08
Copper				4.2E-12	1.2E-11	2.5E-07	5.9E-07	3.2E-08	3.2E-08	2.0E-13	1.3E-12
Iron				3.2E-04	5.7E-04					1.6E-05	6.1E-05
Lead	9.9E-20			1.5E-06	7.5E-07	8.5E-08	2.0E-07	1.1E-08	1.1E-08	7.5E-08	8.1E-08
Manganese				1.1E-14	3.2E-14	7.8E-08	1.8E-07	9.7E-09	9.7E-09	5.6E-16	3.4E-15
Mercury (+2)				4.6E-16	1.3E-15	3.4E-10	7.8E-10	4.2E-11	4.2E-11	2.2E-17	1.4E-16
Mercury, elemental				2.4E-08	3.9E-10	1.4E-12	3.2E-12	1.8E-13	1.8E-13	4.7E-05	2.9E-04
Methyl Mercury	1.2E-16			2.7E-17	7.6E-17					1.3E-18	8.2E-18

Table H-239 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	4.7E-17			8.0E-06	1.1E-05	5.0E-08	1.1E-07	6.2E-09	6.2E-09	3.9E-07	1.2E-06
Phosphorus				1.1E-16	3.0E-16	3.8E-07	8.7E-07	4.7E-08	4.7E-08	1.0E-12	6.4E-12
Selenium	3.9E-18			5.8E-19	1.6E-18	2.5E-09	5.8E-09	3.1E-10	3.1E-10	2.8E-20	1.7E-19
Silver	2.9E-18			1.1E-14	3.0E-14	1.6E-09	3.8E-09	2.0E-10	2.0E-10	5.2E-16	3.2E-15
Thallium (Soluble Salts)					2.1E-09						2.2E-10
Titanium				1.1E-16	3.2E-16	8.7E-10	2.0E-09	1.1E-10	1.1E-10	5.6E-18	3.5E-17
Zinc	5.8E-14			2.6E-15	7.4E-15	2.0E-06	4.5E-06	2.4E-07	2.4E-07	1.3E-16	8.0E-16
NOx											
NOx (Oxides of Nitrogen)						2.2E-05	5.2E-05	2.8E-06	2.8E-06		
PAHs											
1-Methylnaphthalene		3.4E-18	4.8E-18	3.1E-18	8.7E-18	4.7E-07	1.1E-06	5.9E-08	5.9E-08	3.5E-15	2.2E-14
1-Methylphenanthrene				2.1E-15	5.8E-15	5.6E-08	1.3E-07	7.0E-09	7.0E-09	1.0E-16	6.3E-16
2,3,5-Trimethylnaphthalene				9.7E-16	2.7E-15	2.8E-08	6.4E-08	3.5E-09	3.5E-09	4.8E-17	2.9E-16
2,6-Dimethylnaphthalene				2.7E-15	7.4E-15	7.4E-08	1.7E-07	9.2E-09	9.2E-09	1.3E-16	8.0E-16
2-Methylnaphthalene		3.3E-18	4.6E-18	3.0E-18	8.4E-18	4.6E-07	1.1E-06	5.7E-08	5.7E-08	3.4E-15	2.1E-14
Acenaphthylene				8.5E-15	2.4E-14	2.7E-07	6.2E-07	3.4E-08	3.4E-08	4.2E-16	2.6E-15
Acenaphthene	4.8E-17					4.9E-08	1.1E-07	6.2E-09	6.2E-09		
Anthracene	6.1E-16					8.7E-08	2.0E-07	1.1E-08	1.1E-08		
Benzo(a)anthracene	8.8E-14	3.2E-10	3.6E-14	2.9E-10	6.5E-14	4.3E-08	9.9E-08	5.3E-09	5.3E-09	4.3E-09	2.7E-08
Benzo(a)pyrene	4.4E-14	3.7E-10	1.6E-14	3.4E-10	3.0E-14	1.7E-08	3.9E-08	2.1E-09	2.1E-09	1.6E-11	3.2E-15
Benzo(b)fluoranthene	1.2E-14	6.7E-10	9.6E-16	6.1E-10	1.7E-15	1.9E-08	4.3E-08	2.3E-09	2.3E-09	3.0E-11	1.9E-16
Benzo(e)pyrene				4.9E-16	1.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	2.4E-17	1.5E-16
Benzo(g,h,i)perylene				3.6E-16	1.0E-15	1.1E-08	2.5E-08	1.4E-09	1.4E-09	1.8E-17	1.1E-16
Benzo(k)fluoranthene	9.8E-17	5.0E-10	1.2E-15	4.6E-10	2.2E-15	1.7E-10	3.8E-10	2.1E-11	2.1E-11	2.2E-11	2.3E-16

Table H-239 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				4.8E-17	1.3E-16	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.8E-14	1.7E-13
Chrysene	1.5E-14	3.9E-10	4.7E-14	3.5E-10	8.6E-14	7.3E-08	1.7E-07	9.1E-09	9.1E-09	1.7E-11	9.3E-15
Dibenze(a,h)anthracene	2.2E-15	4.3E-15	6.0E-15	3.9E-15	1.1E-14	2.7E-09	6.1E-09	3.3E-10	3.3E-10	1.9E-16	1.2E-15
Fluoranthene	4.0E-15	9.1E-16	1.3E-15	8.3E-16	2.3E-15	1.1E-07	2.5E-07	1.3E-08	1.3E-08	4.0E-17	2.5E-16
Fluorene	8.7E-16					2.7E-07	6.2E-07	3.3E-08	3.3E-08		
Indeno(1,2,3-cd)pyrene	5.5E-15	1.6E-10	1.7E-14	1.5E-10	3.0E-14	8.8E-09	2.0E-08	1.1E-09	1.1E-09	7.2E-12	3.3E-15
Napthalene	4.0E-16					2.1E-06	4.9E-06	2.7E-07	2.7E-07		
Perylene				1.9E-16	5.3E-16	6.6E-09	1.5E-08	8.2E-10	8.2E-10	9.2E-18	5.7E-17
Phenanthrene	4.2E-15					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
Pyrene	2.9E-15	3.1E-15	4.3E-15	2.8E-15	7.8E-15	1.0E-07	2.4E-07	1.3E-08	1.3E-08	7.8E-14	4.8E-13
Particulate											
Particulate Total Suspended Particulate				4.3E-11	1.2E-10	3.3E-04	7.7E-04	4.2E-05	4.2E-05	2.1E-12	1.3E-11
PM<10				5.5E-11	1.5E-10	4.4E-04	1.0E-03	5.5E-05	5.5E-05	2.7E-12	1.7E-11
PM<2.5				4.5E-11	1.3E-10	3.8E-04	8.7E-04	4.7E-05	4.7E-05	2.2E-12	1.4E-11
PCBs											
Dichlorobiphenyl	8.7E-17	8.2E-18	1.2E-17	7.0E-18	1.9E-17	1.3E-09	3.1E-09	1.7E-10	1.7E-10	6.5E-16	4.0E-15
Heptachlorobiphenyl	3.3E-18	9.5E-19	1.3E-18	8.1E-19	2.3E-18	1.8E-11	4.2E-11	2.3E-12	2.3E-12	4.1E-17	2.5E-16
Hexachlorobiphenyl	1.3E-17	4.3E-18	6.0E-18	3.6E-18	1.0E-17	7.6E-11	1.8E-10	9.5E-12	9.5E-12	1.9E-16	1.1E-15
Monochlorobiphenyl	6.1E-16	5.7E-17	8.0E-17	4.8E-17	1.4E-16	9.2E-09	2.1E-08	1.2E-09	1.2E-09	4.5E-15	2.8E-14
Nonachlorobiphenyl	4.1E-19	1.7E-19	2.4E-19	1.4E-19	4.0E-19	2.6E-12	5.9E-12	3.2E-13	3.2E-13	7.2E-18	4.5E-17
Octachlorobiphenyl	9.7E-19	3.1E-19	4.3E-19	2.6E-19	7.3E-19	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.3E-17	8.2E-17
Pentachlorobiphenyl	4.4E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	2.6E-10	6.0E-10	3.3E-11	3.3E-11	6.7E-16	4.1E-15
Tetrachlorobiphenyl	2.6E-17	3.1E-18	4.4E-18	2.7E-18	7.4E-18	4.3E-10	9.9E-10	5.4E-11	5.4E-11	2.5E-16	1.5E-15
Trichlorobiphenyl	3.4E-17	3.8E-18	5.3E-18	3.2E-18	8.9E-18	5.5E-10	1.3E-09	6.8E-11	6.8E-11	3.0E-16	1.8E-15

Table H-239 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
Chlordecone (Kepone)		1.8E-08		2.1E-08						1.0E-09	
DDE				2.9E-09	1.1E-09					9.3E-08	5.7E-07
SVOCs											
1,2,4-trichlorobenzene						3.9E-09	8.9E-09	4.8E-10	4.8E-10		
1,2-dichlorobenzene	3.9E-20					1.6E-09	3.6E-09	1.9E-10	1.9E-10		
1,3-Butadiene						3.1E-04					
1,3-dichlorobenzene	9.9E-20					2.3E-09	5.4E-09	2.9E-10	2.9E-10		
1,4-dichlorobenzene	1.3E-18					2.2E-08	5.0E-08	2.7E-09	2.7E-09		
2,4-Dimethylphenol	3.6E-17					3.4E-07	7.8E-07	4.2E-08	4.2E-08		
2-Chlorophenol	1.8E-18					6.8E-08	1.6E-07	8.5E-09	8.5E-09		
2-Methylphenol	7.5E-16					8.0E-07	1.8E-06	9.9E-08	9.9E-08		
2-Nitrophenol	4.6E-18					1.1E-07	2.5E-07	1.3E-08	1.3E-08		
3-Methylphenol & 4-Methylphenol				5.3E-14	1.5E-13	1.4E-06	3.3E-06	1.8E-07	1.8E-07	2.6E-15	1.6E-14
4-Nitrophenol	9.3E-18					1.8E-07	4.1E-07	2.2E-08	2.2E-08		
Acetophenone	5.6E-17					1.7E-06	3.9E-06	2.1E-07	2.1E-07		
Benzoic acid	2.3E-16					7.7E-06	1.8E-05	9.6E-07	9.6E-07		
Benzyl alcohol	1.4E-19					6.4E-08	1.5E-07	8.0E-09	8.0E-09		
bis(2-Ethylhexyl) phthalate	7.0E-15	9.6E-14	1.3E-13	1.1E-13	3.2E-13	2.7E-06	6.3E-06	3.4E-07	3.4E-07	5.6E-15	3.4E-14
Butyl benzyl phthalate	2.5E-15	4.7E-17	6.5E-17	5.5E-17	1.5E-16	8.5E-08	2.0E-07	1.1E-08	1.1E-08	2.7E-18	1.7E-17
Carbazole				2.0E-16	5.6E-16	2.4E-09	5.5E-09	3.0E-10	3.0E-10	9.8E-18	6.0E-17
Dibenzofuran		2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.4E-07	3.1E-07	1.7E-08	1.7E-08	3.5E-15	2.1E-14
Dimethyl phthalate	9.2E-19					4.8E-09	1.1E-08	5.9E-10	5.9E-10		
Di-n-butyl phthalate	2.4E-14	4.6E-17	6.5E-17	5.5E-17	1.5E-16	1.3E-07	3.0E-07	1.6E-08	1.6E-08	2.7E-18	1.7E-17

Table H-239 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.8E-19	1.3E-16	1.9E-16	1.6E-16	4.4E-16	9.2E-09	2.1E-08	1.1E-09	1.1E-09	7.8E-18	4.8E-17
Hexachlorobutadiene	9.6E-17					6.3E-07	1.5E-06	7.9E-08	7.9E-08		
Isopropanol						4.9E-03					
Phenol	2.1E-15					4.3E-06	9.9E-06	5.4E-07	5.4E-07		
Pyridine	1.1E-16					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
TRS											
Total Reduced Sulfur						4.2E-06	9.6E-06	5.2E-07	5.2E-07		
VOCs											
1,1,1,2-Tetrachloroethane	3.8E-20					1.9E-09	4.5E-09	2.4E-10	2.4E-10		
1,1,1-Trichloroethane	2.5E-21					1.9E-09	4.4E-09	2.4E-10	2.4E-10		
1,1-Dichloroethene	8.5E-23					3.7E-10	8.6E-10	4.6E-11	4.6E-11		
1,2,3-Trichlorobenzene	2.7E-18					7.6E-09	1.8E-08	9.5E-10	9.5E-10		
1,2,3-Trichloropropane	1.5E-20					1.5E-09	3.6E-09	1.9E-10	1.9E-10		
1,2,4-Trimethylbenzene						8.9E-08	2.1E-07	1.1E-08	1.1E-08		
1,2-Dibromoethane	5.3E-21					9.9E-10	2.3E-09	1.2E-10	1.2E-10		
1,2-Dichloroethane	1.7E-19					4.0E-08	9.1E-08	1.4E-05	1.4E-05		
1,3,5-Trimethylbenzene	8.6E-19					8.4E-08	1.9E-07	1.0E-08	1.0E-08		
1,3-Dichloropropane						9.6E-10	2.2E-09	1.2E-10	1.2E-10		
2-Butanone	3.5E-17					4.7E-07	1.1E-06	5.9E-08	5.9E-08		
2-Chlorotoluene						2.1E-08	4.9E-08	2.6E-09	2.6E-09		
2-Hexanone						9.7E-08	2.2E-07	1.2E-08	1.2E-08		
Benzene	2.8E-17					1.2E-03	2.9E-05	1.4E-04	1.4E-04		
Bromobenzene						5.3E-07	1.2E-06	6.6E-08	6.6E-08		
Bromochloromethane						1.3E-09	2.9E-09	1.6E-10	1.6E-10		

Table H-239 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	4.5E-21					1.4E-09	3.1E-09	1.7E-10	1.7E-10		
Bromomethane	1.9E-20					5.4E-08	1.3E-07	6.8E-09	6.8E-09		
Carbon disulfide	1.8E-20					4.8E-08	1.1E-07	6.0E-09	6.0E-09		
Carbon tetrachloride	1.9E-21					2.1E-03	7.2E-09	2.2E-04	2.2E-04		
Chlorobenzene	6.7E-19					6.9E-08	1.6E-07	8.6E-09	8.6E-09		
Chlorodibromomethane	2.6E-19					3.4E-08	7.8E-08	4.2E-09	4.2E-09		
Chloroethane	5.3E-20					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
Chloroform	4.0E-20					3.1E-04	6.5E-08	3.4E-05	3.4E-05		
Chloromethane	1.4E-19					4.4E-07	1.0E-06	5.5E-08	5.5E-08		
cis-1,2-Dichloroethene	5.4E-20					5.7E-08	1.3E-07	7.1E-09	7.1E-09		
cis-1,3-Dichloropropene						3.5E-10	8.0E-10	4.3E-11	4.3E-11		
Dibromomethane	6.0E-21					2.9E-09	6.7E-09	3.6E-10	3.6E-10		
Dichlorodifluoromethane	6.7E-23					3.6E-09	8.2E-09	4.4E-10	4.4E-10		
Ethylbenzene	2.1E-17					3.9E-04	6.5E-06	3.5E-07	3.5E-07		
Isopropylbenzene	2.8E-20					2.3E-07	5.2E-07	2.8E-08	2.8E-08		
m&p-Xylene	3.4E-18					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Methyl Isobutyl Ketone (4-methyl-2-per	3.4E-20					5.1E-09	1.2E-08	6.4E-10	6.4E-10		
Methylene chloride	3.7E-19					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
n-Butylbenzene						1.1E-07	2.6E-07	1.4E-08	1.4E-08		
n-Propylbenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08		
o-Xylene	4.0E-18					3.3E-07	7.6E-07	4.1E-08	4.1E-08		
p-Chlorotoluene						7.9E-09	1.8E-08	9.9E-10	9.9E-10		
p-Isopropyltoluene						5.5E-08	1.3E-07	6.9E-09	6.9E-09		
sec-Butylbenzene						2.0E-08	4.7E-08	2.5E-09	2.5E-09		

Table H-239 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Styrene	1.3E-16					7.3E-06	1.7E-05	9.1E-07	9.1E-07		
tert-Butylbenzene						6.5E-07	1.5E-06	8.2E-08	8.2E-08		
Tetrachloroethene	9.4E-21					1.7E-09	4.0E-09	2.2E-10	2.2E-10		
Toluene	2.2E-17					4.5E-06	1.0E-05	5.6E-07	5.6E-07		
trans-1,2-Dichloroethene	8.4E-19					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
trans-1,3-Dichloropropene						6.0E-10	1.4E-09	7.5E-11	7.5E-11		
Trichloroethene	9.7E-23					1.0E-10	2.4E-10	1.3E-11	1.3E-11		
Trichlorofluoromethane	1.5E-22					1.2E-09	2.9E-09	1.6E-10	1.6E-10		
Vinyl chloride	6.9E-21					7.1E-08	1.6E-07	8.8E-09	8.8E-09		

Table H-240 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					3.2E-03	4.0E-02	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19	
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19	
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18	
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19	
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19	
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19	
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20	
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19	
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19	

Table H-240 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.0E-02	2.4E-02					5.0E-07	2.6E-06
Antimony	1.6E-17			3.8E-07	4.8E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.8E-11	5.2E-11
Arsenic	8.1E-16	3.6E-07	4.6E-07	8.5E-07	2.2E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	6.9E-11	3.9E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				2.6E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.3E-09	4.0E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				2.3E-02	4.0E-02					1.1E-06	4.3E-06
Lead	6.9E-18			1.1E-04	5.3E-05	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.2E-09	5.7E-09
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				1.7E-06	2.7E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	3.3E-06	2.0E-05
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18

Table H-240 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	7.9E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.7E-08	8.5E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Thallium (Soluble Salts)					1.4E-07						1.6E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	2.2E-08	2.8E-12	2.0E-08	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	3.0E-10	1.9E-09
Benzo(a)pyrene	3.1E-12	2.6E-08	1.2E-12	2.4E-08	2.3E-12	1.2E-09	2.7E-09	1.5E-10	1.5E-10	1.2E-12	2.4E-16
Benzo(b)fluoranthene	8.3E-13	4.7E-08	7.3E-14	4.2E-08	1.3E-13	1.3E-09	3.0E-09	1.6E-10	1.6E-10	2.1E-12	1.4E-17
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	3.5E-08	1.1E-13	3.2E-08	2.0E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.6E-12	2.2E-17

Table H-240 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.7E-08	3.8E-12	2.5E-08	7.0E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.2E-12	7.5E-16
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	4.8E-13	3.1E-13	8.7E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	1.5E-17	9.4E-17
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.1E-08	1.3E-12	1.0E-08	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	5.0E-13	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16

Table H-240 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
Chlordecone (Kepone)		1.3E-06		1.5E-06						7.3E-11	
DDE				2.1E-07	7.8E-08					6.5E-09	4.0E-08
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						2.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18

Table H-240 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						3.4E-04					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.4E-05	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		

Table H-240 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.5E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					2.2E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					2.7E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		

Table H-240 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08				
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09				
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11				
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08				
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08				
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12				
Trichloroethene	6.8E-21					7.3E-12	1.7E-11	9.1E-13	9.1E-13				
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11				
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10				

Table H-241 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						1.2E-05	2.8E-05	1.5E-06	1.5E-06		
Aldehydes											
Acetaldehyde	1.3E-15					2.1E-05	4.8E-05	2.6E-06	2.6E-06		
Formaldehyde	6.5E-15					4.6E-02	3.8E-01	1.1E-06	1.1E-06		
Propionaldehyde				3.2E-17	9.0E-17	2.3E-06	5.2E-06	2.8E-07	2.8E-07	2.4E-13	1.5E-12
CO											
Carbon monoxide						6.4E-04	1.5E-03	8.0E-05	8.0E-05		
CO2											
Carbon dioxide						2.0E-05	4.6E-05	2.5E-06	2.5E-06		
Criteria											
Sulfur Dioxide						5.4E-06	1.2E-05	6.8E-07	6.8E-07		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-20	1.8E-17	2.5E-17	7.0E-17	2.0E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	3.4E-18	2.1E-17
1,2,3,4,6,7,8-HpCDF	1.7E-20	1.8E-17	2.5E-17	7.1E-17	2.0E-16	1.2E-11	2.8E-11	1.5E-12	1.5E-12	3.5E-18	2.1E-17
1,2,3,4,7,8,9-HpCDF	2.6E-21	2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.6E-12	3.6E-12	1.9E-13	1.9E-13	4.0E-19	2.5E-18
1,2,3,4,7,8-HxCDD	2.0E-20	2.0E-18	2.8E-18	7.9E-18	2.2E-17	1.5E-12	3.3E-12	1.8E-13	1.8E-13	3.9E-19	2.4E-18
1,2,3,4,7,8-HxCDF	1.4E-19	1.6E-17	2.2E-17	6.3E-17	1.8E-16	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.1E-18	1.9E-17
1,2,3,6,7,8-HxCDD	3.8E-20	4.1E-18	5.7E-18	1.6E-17	4.5E-17	3.1E-12	7.1E-12	3.8E-13	3.8E-13	7.9E-19	4.9E-18
1,2,3,6,7,8-HxCDF	5.1E-20	5.2E-18	7.3E-18	2.1E-17	5.8E-17	3.8E-12	8.8E-12	4.8E-13	4.8E-13	1.0E-18	6.2E-18
1,2,3,7,8,9-HxCDD	5.5E-20	6.5E-18	9.1E-18	2.6E-17	7.1E-17	4.6E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	7.7E-18
1,2,3,7,8,9-HxCDF	4.1E-21	3.7E-19	5.2E-19	1.5E-18	4.1E-18	2.9E-13	6.8E-13	3.7E-14	3.7E-14	7.2E-20	4.5E-19
1,2,3,7,8-PeCDD	1.1E-19	2.3E-18	3.2E-18	9.0E-18	2.5E-17	1.8E-12	4.3E-12	2.3E-13	2.3E-13	4.4E-19	2.7E-18
1,2,3,7,8-PeCDF	1.5E-19	2.7E-18	3.7E-18	1.1E-17	3.0E-17	2.6E-12	6.1E-12	3.3E-13	3.3E-13	5.2E-19	3.2E-18

Table H-241 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.3E-20	8.2E-18	1.1E-17	3.2E-17	9.0E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	1.6E-18	9.7E-18
2,3,4,7,8-PeCDF	2.3E-19	6.4E-18	9.0E-18	2.5E-17	7.1E-17	5.9E-12	1.4E-11	7.4E-13	7.4E-13	1.2E-18	7.6E-18
2,3,7,8-TCDD	3.6E-20	4.6E-19	6.4E-19	1.8E-18	5.1E-18	7.4E-13	1.7E-12	9.3E-14	9.3E-14	6.2E-17	3.8E-16
2,3,7,8-TCDF	1.1E-19	8.4E-19	1.2E-18	3.3E-18	9.3E-18	2.7E-12	6.3E-12	3.4E-13	3.4E-13	1.6E-19	1.0E-18
OCDD	2.4E-22	1.2E-17	1.7E-17	4.7E-17	1.3E-16	8.0E-12	1.9E-11	1.0E-12	1.0E-12	2.3E-18	1.4E-17
OCDF	8.8E-23	4.6E-18	6.5E-18	1.8E-17	5.1E-17	3.0E-12	7.0E-12	3.8E-13	3.8E-13	9.0E-19	5.5E-18
HCN											
Hydrogen cyanide						2.3E-06	5.2E-06	2.8E-07	2.8E-07		
Metals											
Aluminum				1.5E-04	2.7E-04					7.2E-06	3.0E-05
Antimony	2.2E-19			5.4E-09	2.4E-09	1.5E-07	3.4E-07	1.9E-08	1.9E-08	2.6E-10	2.6E-10
Arsenic	1.2E-17	5.1E-09	2.6E-09	1.2E-08	1.2E-08	8.5E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-10	2.2E-09
Barium	3.1E-14			3.9E-11	1.1E-10	1.8E-06	4.2E-06	2.2E-07	2.2E-07	1.9E-12	1.2E-11
Beryllium	4.7E-19			1.5E-17	4.2E-17	6.1E-10	1.4E-09	7.7E-11	7.7E-11	7.3E-19	4.5E-18
Cadmium	1.2E-16			1.2E-17	3.3E-17	1.1E-08	2.5E-08	1.4E-09	1.4E-09	5.7E-19	3.5E-18
Chromium	3.5E-17			1.0E-12	2.8E-12	9.2E-08	2.1E-07	1.2E-08	1.2E-08	5.0E-14	3.1E-13
Cobalt				3.8E-07	9.1E-07	1.4E-07	3.2E-07	1.8E-08	1.8E-08	1.9E-08	9.8E-08
Copper				4.2E-12	1.2E-11	2.5E-07	5.9E-07	3.2E-08	3.2E-08	2.0E-13	1.3E-12
Iron				3.2E-04	6.2E-04					1.6E-05	6.6E-05
Lead	9.9E-20			1.5E-06	2.1E-06	8.5E-08	2.0E-07	1.1E-08	1.1E-08	7.5E-08	2.2E-07
Manganese				1.1E-14	3.2E-14	7.8E-08	1.8E-07	9.7E-09	9.7E-09	5.6E-16	3.4E-15
Mercury (+2)				4.6E-16	1.3E-15	3.4E-10	7.8E-10	4.2E-11	4.2E-11	2.2E-17	1.4E-16
Mercury, elemental				2.4E-08	6.3E-10	1.4E-12	3.2E-12	1.8E-13	1.8E-13	4.7E-05	2.9E-04
Methyl Mercury	1.2E-16			2.7E-17	7.6E-17					1.3E-18	8.2E-18

Table H-241 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	4.7E-17			8.0E-06	1.9E-05	5.0E-08	1.1E-07	6.2E-09	6.2E-09	3.9E-07	2.0E-06
Phosphorus				1.1E-16	3.0E-16	3.8E-07	8.7E-07	4.7E-08	4.7E-08	1.0E-12	6.4E-12
Selenium	3.9E-18			5.8E-19	1.6E-18	2.5E-09	5.8E-09	3.1E-10	3.1E-10	2.8E-20	1.7E-19
Silver	2.9E-18			1.1E-14	3.0E-14	1.6E-09	3.8E-09	2.0E-10	2.0E-10	5.2E-16	3.2E-15
Titanium				1.1E-16	3.2E-16	8.7E-10	2.0E-09	1.1E-10	1.1E-10	5.6E-18	3.5E-17
Zinc	5.8E-14			2.6E-15	7.4E-15	2.0E-06	4.5E-06	2.4E-07	2.4E-07	1.3E-16	8.0E-16
NOx											
NOx (Oxides of Nitrogen)						2.2E-05	5.2E-05	2.8E-06	2.8E-06		
PAHs											
1-Methylnaphthalene		3.4E-18	4.8E-18	3.1E-18	8.7E-18	4.7E-07	1.1E-06	5.9E-08	5.9E-08	3.5E-15	2.2E-14
1-Methylphenanthrene				2.1E-15	5.8E-15	5.6E-08	1.3E-07	7.0E-09	7.0E-09	1.0E-16	6.3E-16
2,3,5-Trimethylnaphthalene				9.7E-16	2.7E-15	2.8E-08	6.4E-08	3.5E-09	3.5E-09	4.8E-17	2.9E-16
2,6-Dimethylnaphthalene				2.7E-15	7.4E-15	7.4E-08	1.7E-07	9.2E-09	9.2E-09	1.3E-16	8.0E-16
2-Methylnaphthalene		3.3E-18	4.6E-18	3.0E-18	8.4E-18	4.6E-07	1.1E-06	5.7E-08	5.7E-08	3.4E-15	2.1E-14
Acenaphthylene				8.5E-15	2.4E-14	2.7E-07	6.2E-07	3.4E-08	3.4E-08	4.2E-16	2.6E-15
Acenaphthene	4.8E-17					4.9E-08	1.1E-07	6.2E-09	6.2E-09		
Anthracene	6.1E-16					8.7E-08	2.0E-07	1.1E-08	1.1E-08		
Benzo(a)anthracene	8.8E-14	3.2E-10	3.6E-14	2.9E-10	6.5E-14	4.3E-08	9.9E-08	5.3E-09	5.3E-09	4.3E-09	2.7E-08
Benzo(a)pyrene	4.4E-14	3.7E-10	1.9E-09	3.4E-10	3.4E-09	1.7E-08	3.9E-08	2.1E-09	2.1E-09	1.6E-11	3.7E-10
Benzo(b)fluoranthene	1.2E-14	6.7E-10	1.7E-09	6.1E-10	3.1E-09	1.9E-08	4.3E-08	2.3E-09	2.3E-09	3.0E-11	3.3E-10
Benzo(e)pyrene				4.9E-16	1.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	2.4E-17	1.5E-16
Benzo(g,h,i)perylene				3.6E-16	1.0E-15	1.1E-08	2.5E-08	1.4E-09	1.4E-09	1.8E-17	1.1E-16
Benzo(k)fluoranthene	9.8E-17	5.0E-10	1.2E-15	4.6E-10	2.2E-15	1.7E-10	3.8E-10	2.1E-11	2.1E-11	2.2E-11	2.3E-16
Biphenyl				4.8E-17	1.3E-16	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.8E-14	1.7E-13

Table H-241 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	1.5E-14	3.9E-10	4.7E-14	3.5E-10	8.6E-14	7.3E-08	1.7E-07	9.1E-09	9.1E-09	1.7E-11	9.3E-15
Dibenze(a,h)anthracene	2.2E-15	4.3E-15	6.0E-15	3.9E-15	1.1E-14	2.7E-09	6.1E-09	3.3E-10	3.3E-10	1.9E-16	1.2E-15
Fluoranthene	4.0E-15	9.1E-16	1.3E-15	8.3E-16	2.3E-15	1.1E-07	2.5E-07	1.3E-08	1.3E-08	4.0E-17	2.5E-16
Fluorene	8.7E-16					2.7E-07	6.2E-07	3.3E-08	3.3E-08		
Indeno(1,2,3-cd)pyrene	5.5E-15	1.6E-10	1.7E-14	1.5E-10	3.0E-14	8.8E-09	2.0E-08	1.1E-09	1.1E-09	7.2E-12	3.3E-15
Napthalene	4.0E-16					2.1E-06	4.9E-06	2.7E-07	2.7E-07		
Perylene				1.9E-16	5.3E-16	6.6E-09	1.5E-08	8.2E-10	8.2E-10	9.2E-18	5.7E-17
Phenanthrene	4.2E-15					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
Pyrene	2.9E-15	3.1E-15	4.3E-15	2.8E-15	7.8E-15	1.0E-07	2.4E-07	1.3E-08	1.3E-08	7.8E-14	4.8E-13
Particulate											
Particulate Total Suspended Particulate				4.3E-11	1.2E-10	3.3E-04	7.7E-04	4.2E-05	4.2E-05	2.1E-12	1.3E-11
PM<10				5.5E-11	1.5E-10	4.4E-04	1.0E-03	5.5E-05	5.5E-05	2.7E-12	1.7E-11
PM<2.5				4.5E-11	1.3E-10	3.8E-04	8.7E-04	4.7E-05	4.7E-05	2.2E-12	1.4E-11
PCBs											
Dichlorobiphenyl	8.7E-17	8.2E-18	1.2E-17	7.0E-18	1.9E-17	1.3E-09	3.1E-09	1.7E-10	1.7E-10	6.5E-16	4.0E-15
Heptachlorobiphenyl	3.3E-18	9.5E-19	1.3E-18	8.1E-19	2.3E-18	1.8E-11	4.2E-11	2.3E-12	2.3E-12	4.1E-17	2.5E-16
Hexachlorobiphenyl	1.3E-17	4.3E-18	6.0E-18	3.6E-18	1.0E-17	7.6E-11	1.8E-10	9.5E-12	9.5E-12	1.9E-16	1.1E-15
Monochlorobiphenyl	6.1E-16	5.7E-17	8.0E-17	4.8E-17	1.4E-16	9.2E-09	2.1E-08	1.2E-09	1.2E-09	4.5E-15	2.8E-14
Nonachlorobiphenyl	4.1E-19	1.7E-19	2.4E-19	1.4E-19	4.0E-19	2.6E-12	5.9E-12	3.2E-13	3.2E-13	7.2E-18	4.5E-17
Octachlorobiphenyl	9.7E-19	3.1E-19	4.3E-19	2.6E-19	7.3E-19	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.3E-17	8.2E-17
Pentachlorobiphenyl	4.4E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	2.6E-10	6.0E-10	3.3E-11	3.3E-11	6.7E-16	4.1E-15
Tetrachlorobiphenyl	2.6E-17	3.1E-18	4.4E-18	2.7E-18	7.4E-18	4.3E-10	9.9E-10	5.4E-11	5.4E-11	2.5E-16	1.5E-15
Trichlorobiphenyl	3.4E-17	3.8E-18	5.3E-18	3.2E-18	8.9E-18	5.5E-10	1.3E-09	6.8E-11	6.8E-11	3.0E-16	1.8E-15
Pesticides											

Table H-241 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chlordecone (Kepone)		1.8E-08		2.1E-08						1.0E-09	
DDE				2.9E-09	3.9E-09					9.3E-08	5.7E-07
SVOCs											
1,2,4-trichlorobenzene						3.9E-09	8.9E-09	4.8E-10	4.8E-10		
1,2-dichlorobenzene	3.9E-20					1.6E-09	3.6E-09	1.9E-10	1.9E-10		
1,3-Butadiene						3.1E-04					
1,3-dichlorobenzene	9.9E-20					2.3E-09	5.4E-09	2.9E-10	2.9E-10		
1,4-dichlorobenzene	1.3E-18					2.2E-08	5.0E-08	2.7E-09	2.7E-09		
2,4-Dimethylphenol	3.6E-17					3.4E-07	7.8E-07	4.2E-08	4.2E-08		
2-Chlorophenol	1.8E-18					6.8E-08	1.6E-07	8.5E-09	8.5E-09		
2-Methylphenol	7.5E-16					8.0E-07	1.8E-06	9.9E-08	9.9E-08		
2-Nitrophenol	4.6E-18					1.1E-07	2.5E-07	1.3E-08	1.3E-08		
3-Methylphenol & 4-Methylphenol				5.3E-14	1.5E-13	1.4E-06	3.3E-06	1.8E-07	1.8E-07	2.6E-15	1.6E-14
4-Nitrophenol	9.3E-18					1.8E-07	4.1E-07	2.2E-08	2.2E-08		
Acetophenone	5.6E-17					1.7E-06	3.9E-06	2.1E-07	2.1E-07		
Benzoic acid	2.3E-16					7.7E-06	1.8E-05	9.6E-07	9.6E-07		
Benzyl alcohol	1.4E-19					6.4E-08	1.5E-07	8.0E-09	8.0E-09		
bis(2-Ethylhexyl) phthalate	7.0E-15	9.6E-14	1.3E-13	1.1E-13	3.2E-13	2.7E-06	6.3E-06	3.4E-07	3.4E-07	5.6E-15	3.4E-14
Butyl benzyl phthalate	2.5E-15	4.7E-17	6.5E-17	5.5E-17	1.5E-16	8.5E-08	2.0E-07	1.1E-08	1.1E-08	2.7E-18	1.7E-17
Carbazole				2.0E-16	5.6E-16	2.4E-09	5.5E-09	3.0E-10	3.0E-10	9.8E-18	6.0E-17
Dibenzofuran		2.1E-18	2.9E-18	8.1E-18	2.3E-17	1.4E-07	3.1E-07	1.7E-08	1.7E-08	3.5E-15	2.1E-14
Dimethyl phthalate	9.2E-19					4.8E-09	1.1E-08	5.9E-10	5.9E-10		
Di-n-butyl phthalate	2.4E-14	4.6E-17	6.5E-17	5.5E-17	1.5E-16	1.3E-07	3.0E-07	1.6E-08	1.6E-08	2.7E-18	1.7E-17
Di-n-octyl phthalate	1.8E-19	1.3E-16	1.9E-16	1.6E-16	4.4E-16	9.2E-09	2.1E-08	1.1E-09	1.1E-09	7.8E-18	4.8E-17

Table H-241 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	9.6E-17					6.3E-07	1.5E-06	7.9E-08	7.9E-08		
Isopropanol						4.9E-03					
Phenol	2.1E-15					4.3E-06	9.9E-06	5.4E-07	5.4E-07		
Pyridine	1.1E-16					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
TRS											
Total Reduced Sulfur						4.2E-06	9.6E-06	5.2E-07	5.2E-07		
VOCs											
1,1,1,2-Tetrachloroethane	3.8E-20					1.9E-09	4.5E-09	2.4E-10	2.4E-10		
1,1,1-Trichloroethane	2.5E-21					1.9E-09	4.4E-09	2.4E-10	2.4E-10		
1,1-Dichloroethene	8.5E-23					3.7E-10	8.6E-10	4.6E-11	4.6E-11		
1,2,3-Trichlorobenzene	2.7E-18					7.6E-09	1.8E-08	9.5E-10	9.5E-10		
1,2,3-Trichloropropane	1.5E-20					1.5E-09	3.6E-09	1.9E-10	1.9E-10		
1,2,4-Trimethylbenzene						8.9E-08	2.1E-07	1.1E-08	1.1E-08		
1,2-Dibromoethane	5.3E-21					9.9E-10	2.3E-09	1.2E-10	1.2E-10		
1,2-Dichloroethane	1.7E-19					4.0E-08	9.1E-08	1.4E-05	1.4E-05		
1,3,5-Trimethylbenzene	8.6E-19					8.4E-08	1.9E-07	1.0E-08	1.0E-08		
1,3-Dichloropropane						9.6E-10	2.2E-09	1.2E-10	1.2E-10		
2-Butanone	3.5E-17					4.7E-07	1.1E-06	5.9E-08	5.9E-08		
2-Chlorotoluene						2.1E-08	4.9E-08	2.6E-09	2.6E-09		
2-Hexanone						9.7E-08	2.2E-07	1.2E-08	1.2E-08		
Benzene	2.8E-17					1.2E-03	2.9E-05	1.4E-04	1.4E-04		
Bromobenzene						5.3E-07	1.2E-06	6.6E-08	6.6E-08		
Bromochloromethane						1.3E-09	2.9E-09	1.6E-10	1.6E-10		
Bromodichloromethane	4.5E-21					1.4E-09	3.1E-09	1.7E-10	1.7E-10		

Table H-241 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromomethane	1.9E-20					5.4E-08	1.3E-07	6.8E-09	6.8E-09		
Carbon disulfide	1.8E-20					4.8E-08	1.1E-07	6.0E-09	6.0E-09		
Carbon tetrachloride	1.9E-21					2.1E-03	7.2E-09	2.2E-04	2.2E-04		
Chlorobenzene	6.7E-19					6.9E-08	1.6E-07	8.6E-09	8.6E-09		
Chlorodibromomethane	2.6E-19					3.4E-08	7.8E-08	4.2E-09	4.2E-09		
Chloroethane	5.3E-20					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
Chloroform	4.0E-20					3.1E-04	6.5E-08	3.4E-05	3.4E-05		
Chloromethane	1.4E-19					4.4E-07	1.0E-06	5.5E-08	5.5E-08		
cis-1,2-Dichloroethene	5.4E-20					5.7E-08	1.3E-07	7.1E-09	7.1E-09		
cis-1,3-Dichloropropene						3.5E-10	8.0E-10	4.3E-11	4.3E-11		
Dibromomethane	6.0E-21					2.9E-09	6.7E-09	3.6E-10	3.6E-10		
Dichlorodifluoromethane	6.7E-23					3.6E-09	8.2E-09	4.4E-10	4.4E-10		
Ethylbenzene	2.1E-17					3.9E-04	6.5E-06	3.5E-07	3.5E-07		
Isopropylbenzene	2.8E-20					2.3E-07	5.2E-07	2.8E-08	2.8E-08		
m&p-Xylene	3.4E-18					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Methyl Isobutyl Ketone (4-methyl-2-per	3.4E-20					5.1E-09	1.2E-08	6.4E-10	6.4E-10		
Methylene chloride	3.7E-19					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
n-Butylbenzene						1.1E-07	2.6E-07	1.4E-08	1.4E-08		
n-Propylbenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08		
o-Xylene	4.0E-18					3.3E-07	7.6E-07	4.1E-08	4.1E-08		
p-Chlorotoluene						7.9E-09	1.8E-08	9.9E-10	9.9E-10		
p-Isopropyltoluene						5.5E-08	1.3E-07	6.9E-09	6.9E-09		
sec-Butylbenzene						2.0E-08	4.7E-08	2.5E-09	2.5E-09		
Styrene	1.3E-16					7.3E-06	1.7E-05	9.1E-07	9.1E-07		

Table H-241 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						6.5E-07	1.5E-06	8.2E-08	8.2E-08		
Tetrachloroethene	9.4E-21					1.7E-09	4.0E-09	2.2E-10	2.2E-10		
Toluene	2.2E-17					4.5E-06	1.0E-05	5.6E-07	5.6E-07		
trans-1,2-Dichloroethene	8.4E-19					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
trans-1,3-Dichloropropene						6.0E-10	1.4E-09	7.5E-11	7.5E-11		
Trichloroethene	9.7E-23					1.0E-10	2.4E-10	1.3E-11	1.3E-11		
Trichlorofluoromethane	1.5E-22					1.2E-09	2.9E-09	1.6E-10	1.6E-10		
Vinyl chloride	6.9E-21					7.1E-08	1.6E-07	8.8E-09	8.8E-09		

Table H-242 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					3.2E-03	2.7E-02	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19	
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19	
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18	
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19	
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19	
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19	
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20	
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19	
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19	

Table H-242 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.0E-02	1.9E-02					5.0E-07	2.1E-06
Antimony	1.6E-17			3.8E-07	1.7E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.8E-11	1.8E-11
Arsenic	8.1E-16	3.6E-07	1.8E-07	8.5E-07	8.6E-07	5.9E-10	1.4E-09	7.4E-11	7.4E-11	6.9E-11	1.6E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				2.6E-05	6.4E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.3E-09	6.9E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				2.3E-02	4.3E-02					1.1E-06	4.7E-06
Lead	6.9E-18			1.1E-04	1.4E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.2E-09	1.6E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				1.7E-06	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	3.3E-06	2.0E-05
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18

Table H-242 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	1.3E-03	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.7E-08	1.4E-07
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	2.2E-08	2.8E-12	2.0E-08	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	3.0E-10	1.9E-09
Benzo(a)pyrene	3.1E-12	2.6E-08	1.3E-07	2.4E-08	2.4E-07	1.2E-09	2.7E-09	1.5E-10	1.5E-10	1.2E-12	2.6E-11
Benzo(b)fluoranthene	8.3E-13	4.7E-08	1.2E-07	4.2E-08	2.2E-07	1.3E-09	3.0E-09	1.6E-10	1.6E-10	2.1E-12	2.3E-11
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	3.5E-08	1.1E-13	3.2E-08	2.0E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.6E-12	2.2E-17
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14

Table H-242 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	1.1E-12	2.7E-08	3.8E-12	2.5E-08	7.0E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.2E-12	7.5E-16
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	4.8E-13	3.1E-13	8.7E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	1.5E-17	9.4E-17
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.1E-08	1.3E-12	1.0E-08	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	5.0E-13	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16
Pesticides											

Table H-242 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chlordecone (Kepone)		1.3E-06		1.5E-06						7.3E-11	
DDE				2.1E-07	2.8E-07					6.5E-09	4.0E-08
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						2.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18

Table H-242 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						3.4E-04					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.4E-05	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		

Table H-242 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.5E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					2.2E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					2.7E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		

Table H-242 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09			
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11			
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08			
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08			
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12			
Trichloroethene	6.8E-21					7.3E-12	1.7E-11	9.1E-13	9.1E-13			
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11			
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10			

Table H-243 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						1.2E-05	4.3E-04	1.5E-06	1.4E-04		
Aldehydes											
Acetaldehyde	1.3E-15					2.1E-05	7.4E-04	2.6E-06	2.5E-04		
Formaldehyde	6.5E-15					4.6E-02	2.9E-04	1.1E-06	9.7E-05		
Propionaldehyde				3.2E-17	1.0E-15	2.3E-06	8.2E-05	2.8E-07	2.7E-05	2.4E-13	1.7E-11
CO											
Carbon monoxide						6.4E-04	2.4E-02	8.0E-05	7.9E-03		
CO2											
Carbon dioxide						2.0E-05	7.2E-04	2.5E-06	2.4E-04		
Criteria											
Sulfur Dioxide						5.4E-06	1.7E-04	6.8E-07	5.8E-05		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-20	1.8E-17	3.3E-16	7.0E-17	2.6E-15	1.2E-11	4.8E-10	1.5E-12	1.6E-10	3.4E-18	2.8E-16
1,2,3,4,6,7,8-HpCDF	1.7E-20	1.8E-17	3.3E-16	7.1E-17	2.6E-15	1.2E-11	4.9E-10	1.5E-12	1.6E-10	3.5E-18	2.8E-16
1,2,3,4,7,8,9-HpCDF	2.6E-21	2.1E-18	4.0E-17	8.1E-18	3.2E-16	1.6E-12	6.3E-11	1.9E-13	2.1E-11	4.0E-19	3.4E-17
1,2,3,4,7,8-HxCDD	2.0E-20	2.0E-18	3.9E-17	7.9E-18	3.1E-16	1.5E-12	5.9E-11	1.8E-13	2.0E-11	3.9E-19	3.3E-17
1,2,3,4,7,8-HxCDF	1.4E-19	1.6E-17	3.1E-16	6.3E-17	2.4E-15	1.2E-11	4.8E-10	1.5E-12	1.6E-10	3.1E-18	2.6E-16
1,2,3,6,7,8-HxCDD	3.8E-20	4.1E-18	8.0E-17	1.6E-17	6.3E-16	3.1E-12	1.2E-10	3.8E-13	4.1E-11	7.9E-19	6.8E-17
1,2,3,6,7,8-HxCDF	5.1E-20	5.2E-18	1.0E-16	2.1E-17	8.0E-16	3.8E-12	1.6E-10	4.8E-13	5.2E-11	1.0E-18	8.7E-17
1,2,3,7,8,9-HxCDD	5.5E-20	6.5E-18	1.2E-16	2.6E-17	9.9E-16	4.6E-12	1.9E-10	5.8E-13	6.3E-11	1.3E-18	1.1E-16
1,2,3,7,8,9-HxCDF	4.1E-21	3.7E-19	7.3E-18	1.5E-18	5.8E-17	2.9E-13	1.2E-11	3.7E-14	4.0E-12	7.2E-20	6.3E-18
1,2,3,7,8-PeCDD	1.1E-19	2.3E-18	4.5E-17	9.0E-18	3.5E-16	1.8E-12	7.5E-11	2.3E-13	2.5E-11	4.4E-19	3.8E-17
1,2,3,7,8-PeCDF	1.5E-19	2.7E-18	5.3E-17	1.1E-17	4.2E-16	2.6E-12	1.1E-10	3.3E-13	3.6E-11	5.2E-19	4.5E-17

Table H-243 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.3E-20	8.2E-18	1.5E-16	3.2E-17	1.2E-15	5.9E-12	2.4E-10	7.4E-13	7.9E-11	1.6E-18	1.3E-16
2,3,4,7,8-PeCDF	2.3E-19	6.4E-18	1.3E-16	2.5E-17	9.9E-16	5.9E-12	2.4E-10	7.4E-13	8.0E-11	1.2E-18	1.1E-16
2,3,7,8-TCDD	3.6E-20	4.6E-19	6.7E-18	1.8E-18	5.3E-17	7.4E-13	2.5E-11	9.3E-14	8.3E-12	6.2E-17	3.9E-15
2,3,7,8-TCDF	1.1E-19	8.4E-19	1.7E-17	3.3E-18	1.3E-16	2.7E-12	1.1E-10	3.4E-13	3.7E-11	1.6E-19	1.4E-17
OCDD	2.4E-22	1.2E-17	2.2E-16	4.7E-17	1.7E-15	8.0E-12	3.2E-10	1.0E-12	1.1E-10	2.3E-18	1.9E-16
OCDF	8.8E-23	4.6E-18	8.3E-17	1.8E-17	6.5E-16	3.0E-12	1.2E-10	3.8E-13	3.9E-11	9.0E-19	7.1E-17
HCN											
Hydrogen cyanide						2.3E-06	8.8E-05	2.8E-07	2.9E-05		
Metals											
Aluminum				1.5E-04						7.2E-06	
Antimony	2.2E-19			5.4E-09		1.5E-07	3.7E-06	1.9E-08	1.2E-06	2.6E-10	
Arsenic	1.2E-17	5.1E-09	6.9E-19	1.2E-08	3.3E-18	8.5E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-10	5.9E-19
Barium	3.1E-14			3.9E-11	1.3E-09	1.8E-06	4.8E-05	2.2E-07	1.6E-05	1.9E-12	1.5E-10
Beryllium	4.7E-19			1.5E-17	5.6E-16	6.1E-10	2.1E-08	7.7E-11	6.9E-09	7.3E-19	6.1E-17
Cadmium	1.2E-16			1.2E-17	4.5E-16	1.1E-08	3.8E-07	1.4E-09	1.3E-07	5.7E-19	4.8E-17
Chromium	3.5E-17			1.0E-12	4.0E-11	9.2E-08	3.3E-06	1.2E-08	1.1E-06	5.0E-14	4.3E-12
Cobalt				3.8E-07	1.3E-10	1.4E-07	2.6E-06	1.8E-08	8.5E-07	1.9E-08	1.3E-11
Copper				4.2E-12	1.6E-10	2.5E-07	8.7E-06	3.2E-08	2.9E-06	2.0E-13	1.7E-11
Iron				3.2E-04						1.6E-05	
Lead	9.9E-20			1.5E-06	5.5E-14	8.5E-08	2.8E-06	1.1E-08	9.3E-07	7.5E-08	5.9E-15
Manganese				1.1E-14	4.4E-13	7.8E-08	2.7E-06	9.7E-09	9.0E-07	5.6E-16	4.7E-14
Mercury (+2)				4.6E-16	1.4E-14	3.4E-10	1.2E-08	4.2E-11	4.0E-09	2.2E-17	1.5E-15
Mercury, elemental				2.4E-08		1.4E-12	4.9E-11	1.8E-13	1.6E-11	4.7E-05	
Methyl Mercury	1.2E-16			2.7E-17	1.1E-15					1.3E-18	1.1E-16

Table H-243 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	4.7E-17			8.0E-06	2.2E-15	5.0E-08	1.7E-06	6.2E-09	5.7E-07	3.9E-07	2.4E-16
Phosphorus				1.1E-16	4.0E-15	3.8E-07	1.2E-05	4.7E-08	4.1E-06	1.0E-12	8.4E-11
Selenium	3.9E-18			5.8E-19	2.2E-17	2.5E-09	8.7E-08	3.1E-10	2.9E-08	2.8E-20	2.4E-18
Silver	2.9E-18			1.1E-14	3.9E-13	1.6E-09	5.3E-08	2.0E-10	1.8E-08	5.2E-16	4.3E-14
Titanium				1.1E-16	4.6E-15	8.7E-10	3.3E-08	1.1E-10	1.1E-08	5.6E-18	5.0E-16
Zinc	5.8E-14			2.6E-15	9.3E-14	2.0E-06	5.6E-05	2.4E-07	1.9E-05	1.3E-16	1.0E-14
NOx											
NOx (Oxides of Nitrogen)						2.2E-05	7.5E-04	2.8E-06	2.5E-04		
PAHs											
1-Methylnaphthalene		3.4E-18	6.9E-17	3.1E-18	1.3E-16	4.7E-07	2.0E-05	5.9E-08	6.5E-06	3.5E-15	3.2E-13
1-Methylphenanthrene				2.1E-15	8.6E-14	5.6E-08	2.4E-06	7.0E-09	7.9E-07	1.0E-16	9.3E-15
2,3,5-Trimethylnaphthalene				9.7E-16	4.2E-14	2.8E-08	1.2E-06	3.5E-09	4.0E-07	4.8E-17	4.6E-15
2,6-Dimethylnaphthalene				2.7E-15	1.1E-13	7.4E-08	3.1E-06	9.2E-09	1.0E-06	1.3E-16	1.2E-14
2-Methylnaphthalene		3.3E-18	6.7E-17	3.0E-18	1.2E-16	4.6E-07	1.9E-05	5.7E-08	6.3E-06	3.4E-15	3.1E-13
Acenaphthylene				8.5E-15	3.6E-13	2.7E-07	1.1E-05	3.4E-08	3.8E-06	4.2E-16	3.9E-14
Acenaphthene	4.8E-17					4.9E-08	2.1E-06	6.2E-09	6.9E-07		
Anthracene	6.1E-16					8.7E-08	3.7E-06	1.1E-08	1.2E-06		
Benzo(a)anthracene	8.8E-14	3.2E-10	5.7E-13	2.9E-10	1.0E-12	4.3E-08	1.8E-06	5.3E-09	6.2E-07	4.3E-09	3.5E-11
Benzo(a)pyrene	4.4E-14	3.7E-10	2.4E-13	3.4E-10	4.4E-13	1.7E-08	7.0E-07	2.1E-09	2.3E-07	1.6E-11	4.8E-14
Benzo(b)fluoranthene	1.2E-14	6.7E-10	1.3E-14	6.1E-10	2.4E-14	1.9E-08	7.6E-07	2.3E-09	2.5E-07	3.0E-11	2.6E-15
Benzo(e)pyrene				4.9E-16	1.9E-14	1.4E-08	5.8E-07	1.8E-09	1.9E-07	2.4E-17	2.1E-15
Benzo(g,h,i)perylene				3.6E-16	1.5E-14	1.1E-08	4.5E-07	1.4E-09	1.5E-07	1.8E-17	1.6E-15
Benzo(k)fluoranthene	9.8E-17	5.0E-10	7.8E-15	4.6E-10	1.4E-14	1.7E-10	3.0E-09	2.1E-11	9.9E-10	2.2E-11	1.5E-15
Biphenyl				4.8E-17	2.0E-15	1.6E-06	6.7E-05	2.0E-07	2.2E-05	2.8E-14	2.6E-12

Table H-243 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	1.5E-14	3.9E-10	6.9E-13	3.5E-10	1.3E-12	7.3E-08	3.0E-06	9.1E-09	1.0E-06	1.7E-11	1.4E-13
Dibenze(a,h)anthracene	2.2E-15	4.3E-15	8.5E-14	3.9E-15	1.6E-13	2.7E-09	1.1E-07	3.3E-10	3.6E-08	1.9E-16	1.7E-14
Fluoranthene	4.0E-15	9.1E-16	1.8E-14	8.3E-16	3.4E-14	1.1E-07	4.4E-06	1.3E-08	1.5E-06	4.0E-17	3.6E-15
Fluorene	8.7E-16					2.7E-07	1.1E-05	3.3E-08	3.8E-06		
Indeno(1,2,3-cd)pyrene	5.5E-15	1.6E-10	2.4E-13	1.5E-10	4.3E-13	8.8E-09	3.6E-07	1.1E-09	1.2E-07	7.2E-12	4.7E-14
Napthalene	4.0E-16					2.1E-06	8.8E-05	2.7E-07	2.9E-05		
Perylene				1.9E-16	8.8E-15	6.6E-09	2.9E-07	8.2E-10	9.7E-08	9.2E-18	9.5E-16
Phenanthrene	4.2E-15					5.0E-07	2.1E-05	6.3E-08	6.9E-06		
Pyrene	2.9E-15	3.1E-15	6.3E-14	2.8E-15	1.1E-13	1.0E-07	4.3E-06	1.3E-08	1.4E-06	7.8E-14	7.0E-12
Particulate											
Particulate Total Suspended Particulate				4.3E-11	1.7E-09	3.3E-04	1.3E-02	4.2E-05	4.3E-03	2.1E-12	1.9E-10
PM<10				5.5E-11	2.3E-09	4.4E-04	1.7E-02	5.5E-05	5.8E-03	2.7E-12	2.4E-10
PM<2.5				4.5E-11	1.9E-09	3.8E-04	1.5E-02	4.7E-05	5.0E-03	2.2E-12	2.1E-10
PCBs											
Dichlorobiphenyl	8.7E-17	8.2E-18	1.6E-16	7.0E-18	2.8E-16	1.3E-09	5.4E-08	1.7E-10	1.8E-08	6.5E-16	5.7E-14
Heptachlorobiphenyl	3.3E-18	9.5E-19	1.8E-17	8.1E-19	3.1E-17	1.8E-11	7.3E-10	2.3E-12	2.4E-10	4.1E-17	3.5E-15
Hexachlorobiphenyl	1.3E-17	4.3E-18	7.7E-17	3.6E-18	1.3E-16	7.6E-11	3.0E-09	9.5E-12	9.9E-10	1.9E-16	1.5E-14
Monochlorobiphenyl	6.1E-16	5.7E-17	1.1E-15	4.8E-17	1.9E-15	9.2E-09	3.8E-07	1.2E-09	1.3E-07	4.5E-15	4.0E-13
Nonachlorobiphenyl	4.1E-19	1.7E-19	2.6E-18	1.4E-19	4.4E-18	2.6E-12	9.1E-11	3.2E-13	3.0E-11	7.2E-18	5.0E-16
Octachlorobiphenyl	9.7E-19	3.1E-19	5.6E-18	2.6E-19	9.5E-18	5.5E-12	2.2E-10	6.9E-13	7.2E-11	1.3E-17	1.1E-15
Pentachlorobiphenyl	4.4E-17	1.6E-17	2.7E-16	1.3E-17	4.5E-16	2.6E-10	9.9E-09	3.3E-11	3.3E-09	6.7E-16	5.0E-14
Tetrachlorobiphenyl	2.6E-17	3.1E-18	5.3E-17	2.7E-18	9.0E-17	4.3E-10	1.6E-08	5.4E-11	5.4E-09	2.5E-16	1.8E-14
Trichlorobiphenyl	3.4E-17	3.8E-18	6.7E-17	3.2E-18	1.1E-16	5.5E-10	2.1E-08	6.8E-11	7.0E-09	3.0E-16	2.3E-14
Pesticides											

Table H-243 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chlordecone (Kepone)		1.8E-08		2.1E-08						1.0E-09	
DDE				2.9E-09						9.3E-08	
SVOCs											
1,2,4-trichlorobenzene						3.9E-09	1.2E-07	4.8E-10	4.1E-08		
1,2-dichlorobenzene	3.9E-20					1.6E-09	2.8E-08	1.9E-10	9.2E-09		
1,3-Butadiene						3.1E-04					
1,3-dichlorobenzene	9.9E-20					2.3E-09	7.9E-08	2.9E-10	2.6E-08		
1,4-dichlorobenzene	1.3E-18					2.2E-08	9.7E-07	2.7E-09	3.2E-07		
2,4-Dimethylphenol	3.6E-17					3.4E-07	1.4E-05	4.2E-08	4.5E-06		
2-Chlorophenol	1.8E-18					6.8E-08	2.9E-06	8.5E-09	9.8E-07		
2-Methylphenol	7.5E-16					8.0E-07	3.3E-05	9.9E-08	1.1E-05		
2-Nitrophenol	4.6E-18					1.1E-07	4.5E-06	1.3E-08	1.5E-06		
3-Methylphenol & 4-Methylphenol				5.3E-14	2.2E-12	1.4E-06	6.0E-05	1.8E-07	2.0E-05	2.6E-15	2.4E-13
4-Nitrophenol	9.3E-18					1.8E-07	6.9E-06	2.2E-08	2.3E-06		
Acetophenone	5.6E-17					1.7E-06	7.0E-05	2.1E-07	2.3E-05		
Benzoic acid	2.3E-16					7.7E-06	3.2E-04	9.6E-07	1.1E-04		
Benzyl alcohol	1.4E-19					6.4E-08	1.9E-06	8.0E-09	6.5E-07		
bis(2-Ethylhexyl) phthalate	7.0E-15	9.6E-14	1.7E-12	1.1E-13	4.1E-12	2.7E-06	1.1E-04	3.4E-07	3.5E-05	5.6E-15	4.4E-13
Butyl benzyl phthalate	2.5E-15	4.7E-17	9.5E-16	5.5E-17	2.2E-15	8.5E-08	3.5E-06	1.1E-08	1.2E-06	2.7E-18	2.4E-16
Carbazole				2.0E-16	3.7E-15	2.4E-09	4.3E-08	3.0E-10	1.4E-08	9.8E-18	4.0E-16
Dibenzofuran		2.1E-18	4.1E-17	8.1E-18	3.2E-16	1.4E-07	5.6E-06	1.7E-08	1.9E-06	3.5E-15	3.0E-13
Dimethyl phthalate	9.2E-19					4.8E-09	8.5E-08	5.9E-10	2.8E-08		
Di-n-butyl phthalate	2.4E-14	4.6E-17	9.5E-16	5.5E-17	2.3E-15	1.3E-07	5.4E-06	1.6E-08	1.8E-06	2.7E-18	2.4E-16
Di-n-octyl phthalate	1.8E-19	1.3E-16	1.2E-15	1.6E-16	2.9E-15	9.2E-09	1.6E-07	1.1E-09	5.5E-08	7.8E-18	3.2E-16

Table H-243 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	9.6E-17					6.3E-07	1.1E-05	7.9E-08	3.8E-06		
Isopropanol						4.9E-03					
Phenol	2.1E-15					4.3E-06	1.8E-04	5.4E-07	5.9E-05		
Pyridine	1.1E-16					4.1E-07	1.7E-05	5.1E-08	5.7E-06		
TRS											
Total Reduced Sulfur						4.2E-06	1.8E-04	5.2E-07	6.0E-05		
VOCs											
1,1,1,2-Tetrachloroethane	3.8E-20					1.9E-09	6.5E-08	2.4E-10	2.2E-08		
1,1,1-Trichloroethane	2.5E-21					1.9E-09	7.1E-08	2.4E-10	2.4E-08		
1,1-Dichloroethene	8.5E-23					3.7E-10	6.6E-09	4.6E-11	2.2E-09		
1,2,3-Trichlorobenzene	2.7E-18					7.6E-09	2.8E-07	9.5E-10	9.4E-08		
1,2,3-Trichloropropane	1.5E-20					1.5E-09	2.8E-08	1.9E-10	9.2E-09		
1,2,4-Trimethylbenzene						8.9E-08	2.8E-06	1.1E-08	9.4E-07		
1,2-Dibromoethane	5.3E-21					9.9E-10	1.8E-08	1.2E-10	5.9E-09		
1,2-Dichloroethane	1.7E-19					4.0E-08	1.5E-06	1.4E-05	5.0E-07		
1,3,5-Trimethylbenzene	8.6E-19					8.4E-08	2.5E-06	1.0E-08	8.3E-07		
1,3-Dichloropropane						9.6E-10	1.7E-08	1.2E-10	5.7E-09		
2-Butanone	3.5E-17					4.7E-07	1.9E-05	5.9E-08	6.2E-06		
2-Chlorotoluene						2.1E-08	8.7E-07	2.6E-09	2.9E-07		
2-Hexanone						9.7E-08	3.5E-06	1.2E-08	1.2E-06		
Benzene	2.8E-17					1.2E-03	4.9E-04	1.4E-04	1.6E-04		
Bromobenzene						5.3E-07	9.5E-06	6.6E-08	3.2E-06		
Bromochloromethane						1.3E-09	2.2E-08	1.6E-10	7.5E-09		
Bromodichloromethane	4.5E-21					1.4E-09	2.4E-08	1.7E-10	8.1E-09		

Table H-243 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromomethane	1.9E-20					5.4E-08	1.6E-06	6.8E-09	5.5E-07		
Carbon disulfide	1.8E-20					4.8E-08	1.4E-06	6.0E-09	4.7E-07		
Carbon tetrachloride	1.9E-21					2.1E-03	5.6E-08	2.2E-04	1.9E-08		
Chlorobenzene	6.7E-19					6.9E-08	2.5E-06	8.6E-09	8.2E-07		
Chlorodibromomethane	2.6E-19					3.4E-08	6.0E-07	4.2E-09	2.0E-07		
Chloroethane	5.3E-20					1.3E-07	4.5E-06	1.6E-08	1.5E-06		
Chloroform	4.0E-20					3.1E-04	5.5E-07	3.4E-05	1.8E-07		
Chloromethane	1.4E-19					4.4E-07	1.3E-05	5.5E-08	4.5E-06		
cis-1,2-Dichloroethene	5.4E-20					5.7E-08	1.0E-06	7.1E-09	3.4E-07		
cis-1,3-Dichloropropene						3.5E-10	6.2E-09	4.3E-11	2.1E-09		
Dibromomethane	6.0E-21					2.9E-09	5.2E-08	3.6E-10	1.7E-08		
Dichlorodifluoromethane	6.7E-23					3.6E-09	6.3E-08	4.4E-10	2.1E-08		
Ethylbenzene	2.1E-17					3.9E-04	1.1E-04	3.5E-07	3.5E-05		
Isopropylbenzene	2.8E-20					2.3E-07	7.7E-06	2.8E-08	2.6E-06		
m&p-Xylene	3.4E-18					5.2E-07	1.8E-05	6.5E-08	5.9E-06		
Methyl Isobutyl Ketone (4-methyl-2-per	3.4E-20					5.1E-09	9.1E-08	6.4E-10	3.0E-08		
Methylene chloride	3.7E-19					2.6E-07	9.5E-06	3.2E-08	3.2E-06		
n-Butylbenzene						1.1E-07	3.3E-06	1.4E-08	1.1E-06		
n-Propylbenzene						1.3E-07	4.4E-06	1.7E-08	1.5E-06		
o-Xylene	4.0E-18					3.3E-07	1.1E-05	4.1E-08	3.6E-06		
p-Chlorotoluene						7.9E-09	2.4E-07	9.9E-10	8.0E-08		
p-Isopropyltoluene						5.5E-08	1.3E-06	6.9E-09	4.4E-07		
sec-Butylbenzene						2.0E-08	6.2E-07	2.5E-09	2.1E-07		
Styrene	1.3E-16					7.3E-06	2.7E-04	9.1E-07	8.9E-05		

Table H-243 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						6.5E-07	1.2E-05	8.2E-08	3.9E-06		
Tetrachloroethene	9.4E-21					1.7E-09	6.0E-08	2.2E-10	2.0E-08		
Toluene	2.2E-17					4.5E-06	1.8E-04	5.6E-07	5.9E-05		
trans-1,2-Dichloroethene	8.4E-19					1.2E-06	2.2E-05	1.5E-07	7.2E-06		
trans-1,3-Dichloropropene						6.0E-10	1.1E-08	7.5E-11	3.6E-09		
Trichloroethene	9.7E-23					1.0E-10	1.9E-09	1.3E-11	6.2E-10		
Trichlorofluoromethane	1.5E-22					1.2E-09	2.2E-08	1.6E-10	7.4E-09		
Vinyl chloride	6.9E-21					7.1E-08	1.7E-06	8.8E-09	5.7E-07		

Table H-244 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	3.0E-05	1.0E-07	9.9E-06		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	5.2E-05	1.8E-07	1.7E-05		
Formaldehyde	4.5E-13					3.2E-03	2.0E-05	7.7E-08	6.8E-06		
Propionaldehyde				2.2E-15	7.2E-14	1.6E-07	5.8E-06	2.0E-08	1.9E-06	1.7E-14	1.2E-12
CO											
Carbon monoxide						4.5E-05	1.7E-03	5.6E-06	5.6E-04		
CO2											
Carbon dioxide						1.4E-06	5.0E-05	1.8E-07	1.7E-05		
Criteria											
Sulfur Dioxide						3.8E-07	1.2E-05	4.7E-08	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	4.0E-14	8.5E-15	3.2E-13	8.5E-13	3.4E-11	1.1E-13	1.1E-11	4.2E-19	3.4E-17
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	4.1E-14	8.6E-15	3.2E-13	8.6E-13	3.4E-11	1.1E-13	1.1E-11	4.2E-19	3.5E-17
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	4.9E-15	9.9E-16	3.9E-14	1.1E-13	4.4E-12	1.4E-14	1.5E-12	4.8E-20	4.2E-18
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	4.7E-15	9.7E-16	3.7E-14	1.0E-13	4.1E-12	1.3E-14	1.4E-12	4.7E-20	4.0E-18
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	3.8E-14	7.7E-15	3.0E-13	8.3E-13	3.3E-11	1.0E-13	1.1E-11	3.8E-19	3.2E-17
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	9.7E-15	2.0E-15	7.7E-14	2.1E-13	8.7E-12	2.7E-14	2.9E-12	9.7E-20	8.3E-18
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	1.2E-14	2.5E-15	9.8E-14	2.7E-13	1.1E-11	3.4E-14	3.6E-12	1.2E-19	1.1E-17
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.5E-14	3.1E-15	1.2E-13	3.2E-13	1.3E-11	4.1E-14	4.4E-12	1.5E-19	1.3E-17
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	8.9E-16	1.8E-16	7.1E-15	2.1E-14	8.4E-13	2.6E-15	2.8E-13	8.8E-21	7.6E-19
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	5.4E-15	1.1E-15	4.3E-14	1.3E-13	5.3E-12	1.6E-14	1.8E-12	5.4E-20	4.6E-18
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	6.4E-15	1.3E-15	5.1E-14	1.8E-13	7.5E-12	2.3E-14	2.5E-12	6.3E-20	5.5E-18

Table H-244 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.9E-14	3.9E-15	1.5E-13	4.2E-13	1.7E-11	5.2E-14	5.6E-12	1.9E-19	1.6E-17
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.5E-14	3.1E-15	1.2E-13	4.1E-13	1.7E-11	5.2E-14	5.6E-12	1.5E-19	1.3E-17
2,3,7,8-TCDD	2.7E-18	5.5E-17	8.0E-16	2.2E-16	6.3E-15	5.2E-14	1.7E-12	6.5E-15	5.8E-13	7.4E-18	4.7E-16
2,3,7,8-TCDF	8.2E-18	1.0E-16	2.0E-15	4.0E-16	1.6E-14	1.9E-13	7.8E-12	2.4E-14	2.6E-12	2.0E-20	1.7E-18
OCDD	2.5E-20	1.5E-15	2.7E-14	5.8E-15	2.1E-13	5.6E-13	2.2E-11	7.0E-14	7.4E-12	2.8E-19	2.3E-17
OCDF	9.3E-21	5.7E-16	1.0E-14	2.2E-15	8.0E-14	2.1E-13	8.2E-12	2.6E-14	2.7E-12	1.1E-19	8.6E-18
HCN											
Hydrogen cyanide						1.6E-07	6.2E-06	2.0E-08	2.1E-06		
Metals											
Aluminum				1.0E-02						5.0E-07	
Antimony	1.6E-17			3.8E-07		1.0E-08	2.6E-07	1.3E-09	8.6E-08	1.8E-11	
Arsenic	8.1E-16	3.6E-07	4.8E-17	8.5E-07	2.3E-16	5.9E-10	2.1E-08	7.4E-11	7.0E-09	6.9E-11	4.1E-20
Barium	2.7E-12			4.4E-09	1.5E-07	1.3E-07	3.4E-06	1.6E-08	1.1E-06	2.1E-13	1.6E-11
Beryllium	3.3E-17			1.0E-15	3.9E-14	4.3E-11	1.5E-09	5.4E-12	4.8E-10	5.1E-20	4.3E-18
Cadmium	8.3E-15			8.2E-16	3.1E-14	7.6E-10	2.6E-08	9.5E-11	8.8E-09	4.0E-20	3.4E-18
Chromium	2.8E-15			9.6E-11	3.7E-09	6.5E-09	2.3E-07	8.1E-10	7.7E-08	4.7E-15	4.0E-13
Cobalt				2.6E-05	1.4E-08	9.8E-09	1.8E-07	1.2E-09	6.0E-08	1.3E-09	1.5E-12
Copper				4.5E-10	1.7E-08	1.8E-08	6.1E-07	2.2E-09	2.0E-07	2.2E-14	1.8E-12
Iron				2.3E-02						1.1E-06	
Lead	6.9E-18			1.1E-04	3.8E-12	6.0E-09	2.0E-07	7.5E-10	6.5E-08	5.2E-09	4.1E-16
Manganese				8.0E-13	3.1E-11	5.5E-09	1.9E-07	6.8E-10	6.3E-08	3.9E-17	3.3E-15
Mercury (+2)				6.4E-14	2.0E-12	2.4E-11	8.3E-10	2.9E-12	2.8E-10	3.1E-18	2.1E-16
Mercury, elemental				1.7E-06		9.8E-14	3.5E-12	1.2E-14	1.2E-12	3.3E-06	
Methyl Mercury	1.3E-14			3.8E-15	1.5E-13					1.9E-19	1.6E-17

Table H-244 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	1.6E-13	3.5E-09	1.2E-07	4.3E-10	4.0E-08	2.7E-08	1.7E-17
Phosphorus				7.5E-15	2.8E-13	2.6E-08	8.6E-07	3.3E-09	2.9E-07	7.2E-14	5.9E-12
Selenium	2.8E-16			4.0E-17	1.6E-15	1.7E-10	6.1E-09	2.2E-11	2.0E-09	2.0E-21	1.7E-19
Silver	2.1E-16			8.5E-13	3.2E-11	1.1E-10	3.7E-09	1.4E-11	1.2E-09	4.2E-17	3.4E-15
Titanium				8.0E-15	3.2E-13	6.1E-11	2.3E-09	7.6E-12	7.6E-10	3.9E-19	3.5E-17
Zinc	4.1E-12			1.8E-13	6.5E-12	1.4E-07	3.9E-06	1.7E-08	1.3E-06	9.0E-18	7.0E-16
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	5.2E-05	2.0E-07	1.7E-05		
PAHs											
1-Methylnaphthalene		2.4E-16	4.9E-15	2.2E-16	8.9E-15	3.3E-08	1.4E-06	4.1E-09	4.6E-07	2.5E-16	2.2E-14
1-Methylphenanthrene				1.5E-13	6.0E-12	3.9E-09	1.7E-07	4.9E-10	5.5E-08	7.1E-18	6.5E-16
2,3,5-Trimethylnaphthalene				6.8E-14	3.0E-12	1.9E-09	8.4E-08	2.4E-10	2.8E-08	3.3E-18	3.2E-16
2,6-Dimethylnaphthalene				1.9E-13	7.9E-12	5.1E-09	2.2E-07	6.4E-10	7.3E-08	9.1E-18	8.5E-16
2-Methylnaphthalene		2.3E-16	4.7E-15	2.1E-16	8.6E-15	3.2E-08	1.3E-06	4.0E-09	4.4E-07	2.4E-16	2.2E-14
Acenaphthylene				6.0E-13	2.5E-11	1.9E-08	8.0E-07	2.4E-09	2.7E-07	2.9E-17	2.7E-15
Acenaphthene	3.4E-15					3.5E-09	1.4E-07	4.3E-10	4.8E-08		
Anthracene	4.3E-14					6.1E-09	2.6E-07	7.6E-10	8.6E-08		
Benzo(a)anthracene	6.2E-12	2.2E-08	4.4E-11	2.0E-08	8.0E-11	3.0E-09	1.3E-07	3.7E-10	4.3E-08	3.0E-10	2.7E-12
Benzo(a)pyrene	3.1E-12	2.6E-08	1.8E-11	2.4E-08	3.3E-11	1.2E-09	4.9E-08	1.5E-10	1.6E-08	1.2E-12	3.6E-15
Benzo(b)fluoranthene	8.3E-13	4.7E-08	1.0E-12	4.2E-08	1.8E-12	1.3E-09	5.3E-08	1.6E-10	1.8E-08	2.1E-12	2.0E-16
Benzo(e)pyrene				3.4E-14	1.3E-12	1.0E-09	4.1E-08	1.3E-10	1.4E-08	1.7E-18	1.4E-16
Benzo(g,h,i)perylene				2.5E-14	1.0E-12	7.7E-10	3.2E-08	9.6E-11	1.1E-08	1.2E-18	1.1E-16
Benzo(k)fluoranthene	7.9E-15	3.5E-08	7.3E-13	3.2E-08	1.3E-12	1.2E-11	2.1E-10	1.5E-12	6.9E-11	1.6E-12	1.4E-16
Biphenyl				3.3E-15	1.4E-13	1.1E-07	4.7E-06	1.4E-08	1.6E-06	2.0E-15	1.8E-13

Table H-244 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	1.1E-12	2.7E-08	5.6E-11	2.5E-08	1.0E-10	5.1E-09	2.1E-07	6.4E-10	7.1E-08	1.2E-12	1.1E-14
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	6.8E-12	3.1E-13	1.2E-11	1.9E-10	7.6E-09	2.3E-11	2.5E-09	1.5E-17	1.3E-15
Fluoranthene	2.8E-13	6.8E-14	1.4E-12	6.1E-14	2.5E-12	7.5E-09	3.1E-07	9.4E-10	1.0E-07	3.0E-18	2.7E-16
Fluorene	6.1E-14					1.9E-08	7.9E-07	2.3E-09	2.6E-07		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.1E-08	1.8E-11	1.0E-08	3.3E-11	6.2E-10	2.5E-08	7.7E-11	8.5E-09	5.0E-13	3.6E-15
Napthalene	2.8E-14					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Perylene				1.3E-14	6.2E-13	4.6E-10	2.0E-08	5.8E-11	6.8E-09	6.5E-19	6.6E-17
Phenanthrene	2.9E-13					3.5E-08	1.5E-06	4.4E-09	4.8E-07		
Pyrene	2.0E-13	2.8E-13	5.7E-12	2.5E-13	1.0E-11	7.3E-09	3.0E-07	9.1E-10	1.0E-07	7.1E-15	6.4E-13
Particulate											
Particulate Total Suspended Particulate				3.0E-09	1.2E-07	2.3E-05	9.0E-04	2.9E-06	3.0E-04	1.5E-13	1.3E-11
PM<10				3.8E-09	1.6E-07	3.1E-05	1.2E-03	3.9E-06	4.0E-04	1.9E-13	1.7E-11
PM<2.5				3.2E-09	1.3E-07	2.6E-05	1.0E-03	3.3E-06	3.5E-04	1.6E-13	1.4E-11
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	2.0E-14	8.3E-16	3.3E-14	9.3E-11	3.8E-09	1.2E-11	1.3E-09	7.8E-17	6.8E-15
Heptachlorobiphenyl	2.3E-16	1.2E-16	2.2E-15	9.8E-17	3.8E-15	1.3E-12	5.1E-11	1.6E-13	1.7E-11	5.0E-18	4.2E-16
Hexachlorobiphenyl	9.4E-16	5.2E-16	9.4E-15	4.4E-16	1.6E-14	5.3E-12	2.1E-10	6.7E-13	6.9E-11	2.3E-17	1.8E-15
Monochlorobiphenyl	4.3E-14	6.9E-15	1.4E-13	5.8E-15	2.3E-13	6.5E-10	2.7E-08	8.1E-11	8.9E-09	5.4E-16	4.7E-14
Nonachlorobiphenyl	2.9E-17	2.0E-17	3.2E-16	1.7E-17	5.4E-16	1.8E-13	6.4E-12	2.2E-14	2.1E-12	8.8E-19	6.0E-17
Octachlorobiphenyl	6.9E-17	3.8E-17	6.9E-16	3.2E-17	1.2E-15	3.9E-13	1.5E-11	4.9E-14	5.1E-12	1.6E-18	1.3E-16
Pentachlorobiphenyl	3.1E-15	1.9E-15	3.2E-14	1.6E-15	5.5E-14	1.8E-11	6.9E-10	2.3E-12	2.3E-10	8.1E-17	6.1E-15
Tetrachlorobiphenyl	1.8E-15	3.8E-16	6.4E-15	3.2E-16	1.1E-14	3.0E-11	1.1E-09	3.8E-12	3.8E-10	3.0E-17	2.2E-15
Trichlorobiphenyl	2.4E-15	4.5E-16	8.1E-15	3.8E-16	1.4E-14	3.8E-11	1.5E-09	4.8E-12	4.9E-10	3.6E-17	2.8E-15
Pesticides											

Table H-244 (Average Daily Dose)

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Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chlordecone (Kepone)		1.3E-06		1.5E-06						7.3E-11	
DDE				2.1E-07						6.5E-09	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	8.7E-09	3.4E-11	2.9E-09		
1,2-dichlorobenzene	2.8E-18					1.1E-10	1.9E-09	1.4E-11	6.5E-10		
1,3-Butadiene						2.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	5.5E-09	2.0E-11	1.8E-09		
1,4-dichlorobenzene	9.2E-17					1.5E-09	6.8E-08	1.9E-10	2.3E-08		
2,4-Dimethylphenol	2.5E-15					2.4E-08	9.5E-07	3.0E-09	3.2E-07		
2-Chlorophenol	1.3E-16					4.7E-09	2.1E-07	5.9E-10	6.9E-08		
2-Methylphenol	5.3E-14					5.6E-08	2.3E-06	7.0E-09	7.8E-07		
2-Nitrophenol	3.2E-16					7.6E-09	3.1E-07	9.4E-10	1.0E-07		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.5E-10	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.8E-16	1.7E-14
4-Nitrophenol	6.5E-16					1.3E-08	4.8E-07	1.6E-09	1.6E-07		
Acetophenone	3.9E-15					1.2E-07	4.9E-06	1.5E-08	1.6E-06		
Benzoic acid	1.6E-14					5.4E-07	2.2E-05	6.7E-08	7.5E-06		
Benzyl alcohol	9.8E-18					4.5E-09	1.4E-07	5.6E-10	4.5E-08		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	1.2E-10	8.0E-12	2.9E-10	1.9E-07	7.4E-06	2.4E-08	2.5E-06	3.9E-16	3.1E-14
Butyl benzyl phthalate	1.8E-13	3.3E-15	6.6E-14	3.8E-15	1.6E-13	6.0E-09	2.5E-07	7.5E-10	8.3E-08	1.9E-19	1.7E-17
Carbazole				1.4E-14	2.6E-13	1.7E-10	3.0E-09	2.1E-11	1.0E-09	6.9E-19	2.8E-17
Dibenzofuran		1.4E-16	2.9E-15	5.7E-16	2.3E-14	9.5E-09	3.9E-07	1.2E-09	1.3E-07	2.4E-16	2.1E-14
Dimethyl phthalate	6.5E-17					3.3E-10	5.9E-09	4.2E-11	2.0E-09		
Di-n-butyl phthalate	1.7E-12	3.3E-15	6.7E-14	3.9E-15	1.6E-13	9.2E-09	3.8E-07	1.1E-09	1.3E-07	1.9E-19	1.7E-17
Di-n-octyl phthalate	1.3E-17	9.4E-15	8.7E-14	1.1E-14	2.1E-13	6.4E-10	1.1E-08	8.0E-11	3.8E-09	5.5E-19	2.2E-17

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Exposure Unit	08
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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	7.9E-07	5.5E-09	2.6E-07		
Isopropanol						3.4E-04					
Phenol	1.5E-13					3.0E-07	1.2E-05	3.8E-08	4.2E-06		
Pyridine	7.7E-15					2.9E-08	1.2E-06	3.6E-09	4.0E-07		
TRS											
Total Reduced Sulfur						2.9E-07	1.3E-05	3.6E-08	4.2E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	4.6E-09	1.7E-11	1.5E-09		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	5.0E-09	1.7E-11	1.7E-09		
1,1-Dichloroethene	6.0E-21					2.6E-11	4.6E-10	3.2E-12	1.5E-10		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	2.0E-08	6.7E-11	6.6E-09		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	1.9E-09	1.4E-11	6.4E-10		
1,2,4-Trimethylbenzene						6.2E-09	2.0E-07	7.8E-10	6.6E-08		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.2E-09	8.6E-12	4.1E-10		
1,2-Dichloroethane	1.2E-17					2.8E-09	1.0E-07	1.0E-06	3.5E-08		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.7E-07	7.3E-10	5.8E-08		
1,3-Dichloropropane						6.7E-11	1.2E-09	8.4E-12	4.0E-10		
2-Butanone	2.4E-15					3.3E-08	1.3E-06	4.1E-09	4.4E-07		
2-Chlorotoluene						1.5E-09	6.1E-08	1.8E-10	2.0E-08		
2-Hexanone						6.8E-09	2.5E-07	8.4E-10	8.2E-08		
Benzene	2.0E-15					8.4E-05	3.4E-05	9.7E-06	1.1E-05		
Bromobenzene						3.7E-08	6.6E-07	4.7E-09	2.2E-07		
Bromochloromethane						8.8E-11	1.6E-09	1.1E-11	5.2E-10		
Bromodichloromethane	3.1E-19					9.5E-11	1.7E-09	1.2E-11	5.7E-10		

Table H-244 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	1.1E-07	4.8E-10	3.8E-08		
Carbon disulfide	1.3E-18					3.3E-09	9.8E-08	4.2E-10	3.3E-08		
Carbon tetrachloride	1.3E-19					1.5E-04	3.9E-09	1.5E-05	1.3E-09		
Chlorobenzene	4.7E-17					4.8E-09	1.7E-07	6.0E-10	5.7E-08		
Chlorodibromomethane	1.8E-17					2.4E-09	4.2E-08	3.0E-10	1.4E-08		
Chloroethane	3.7E-18					9.1E-09	3.2E-07	1.1E-09	1.1E-07		
Chloroform	2.8E-18					2.2E-05	3.8E-08	2.4E-06	1.3E-08		
Chloromethane	9.8E-18					3.1E-08	9.4E-07	3.9E-09	3.1E-07		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	7.1E-08	5.0E-10	2.4E-08		
cis-1,3-Dichloropropene						2.4E-11	4.3E-10	3.0E-12	1.4E-10		
Dibromomethane	4.2E-19					2.0E-10	3.6E-09	2.5E-11	1.2E-09		
Dichlorodifluoromethane	4.7E-21					2.5E-10	4.4E-09	3.1E-11	1.5E-09		
Ethylbenzene	1.5E-15					2.7E-05	7.4E-06	2.4E-08	2.5E-06		
Isopropylbenzene	2.0E-18					1.6E-08	5.4E-07	2.0E-09	1.8E-07		
m&p-Xylene	2.4E-16					3.6E-08	1.2E-06	4.6E-09	4.1E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	6.4E-09	4.5E-11	2.1E-09		
Methylene chloride	2.6E-17					1.8E-08	6.6E-07	2.3E-09	2.2E-07		
n-Butylbenzene						7.8E-09	2.3E-07	9.7E-10	7.7E-08		
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07		
o-Xylene	2.8E-16					2.3E-08	7.6E-07	2.9E-09	2.5E-07		
p-Chlorotoluene						5.5E-10	1.7E-08	6.9E-11	5.6E-09		
p-Isopropyltoluene						3.8E-09	9.2E-08	4.8E-10	3.1E-08		
sec-Butylbenzene						1.4E-09	4.3E-08	1.8E-10	1.4E-08		
Styrene	9.4E-15					5.1E-07	1.9E-05	6.4E-08	6.2E-06		

Table H-244 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						4.6E-08	8.1E-07	5.7E-09	2.7E-07		
Tetrachloroethene	6.6E-19					1.2E-10	4.2E-09	1.5E-11	1.4E-09		
Toluene	1.6E-15					3.2E-07	1.2E-05	3.9E-08	4.1E-06		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	1.5E-06	1.1E-08	5.0E-07		
trans-1,3-Dichloropropene						4.2E-11	7.5E-10	5.3E-12	2.5E-10		
Trichloroethene	6.8E-21					7.3E-12	1.3E-10	9.1E-13	4.3E-11		
Trichlorofluoromethane	1.0E-20					8.7E-11	1.6E-09	1.1E-11	5.2E-10		
Vinyl chloride	4.8E-19					5.0E-09	1.2E-07	6.2E-10	4.0E-08		

Table H-245 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			3.9E-04	4.9E-05	
Aldehydes					
Acetaldehyde			6.8E-04	8.5E-05	
Formaldehyde			2.6E-04	3.2E-05	
Propionaldehyde		7.5E-16	7.5E-05	9.4E-06	5.6E-12
CO					
Carbon monoxide			2.2E-02	2.8E-03	
CO2					
Carbon dioxide			6.5E-04	8.2E-05	
Criteria					
Sulfur Dioxide			1.5E-04	1.9E-05	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	5.3E-16	2.1E-15	4.6E-10	5.8E-11	1.0E-16
1,2,3,4,6,7,8-HpCDF	5.2E-16	2.1E-15	4.6E-10	5.8E-11	1.0E-16
1,2,3,4,7,8,9-HpCDF	6.5E-17	2.5E-16	6.1E-11	7.6E-12	1.2E-17
1,2,3,4,7,8-HxCDD	6.2E-17	2.5E-16	5.6E-11	7.1E-12	1.2E-17
1,2,3,4,7,8-HxCDF	4.9E-16	1.9E-15	4.6E-10	5.7E-11	9.5E-17
1,2,3,6,7,8-HxCDD	1.3E-16	5.0E-16	1.2E-10	1.5E-11	2.5E-17
1,2,3,6,7,8-HxCDF	1.6E-16	6.5E-16	1.5E-10	1.9E-11	3.2E-17
1,2,3,7,8,9-HxCDD	2.0E-16	7.9E-16	1.8E-10	2.3E-11	3.9E-17
1,2,3,7,8,9-HxCDF	1.2E-17	4.7E-17	1.2E-11	1.4E-12	2.3E-18

Table H-245 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	7.2E-17	2.8E-16	7.3E-11	9.1E-12	1.4E-17
1,2,3,7,8-PeCDF	8.5E-17	3.3E-16	1.0E-10	1.3E-11	1.6E-17
2,3,4,6,7,8-HxCDF	2.4E-16	9.6E-16	2.3E-10	2.8E-11	4.7E-17
2,3,4,7,8-PeCDF	2.0E-16	8.0E-16	2.3E-10	2.9E-11	3.9E-17
2,3,7,8-TCDD	9.2E-18	3.6E-17	2.2E-11	2.7E-12	1.2E-15
2,3,7,8-TCDF	2.7E-17	1.1E-16	1.1E-10	1.4E-11	5.3E-18
OCDD	3.5E-16	1.4E-15	3.0E-10	3.8E-11	6.7E-17
OCDF	1.3E-16	5.1E-16	1.1E-10	1.4E-11	2.5E-17
HCN					
Hydrogen cyanide			8.3E-05	1.0E-05	
Metals					
Antimony			2.7E-06	3.4E-07	
Arsenic	8.4E-19	2.0E-18	2.7E-07	3.4E-08	1.6E-19
Barium		6.7E-10	3.8E-05	4.7E-06	3.3E-11
Beryllium		3.3E-16	1.8E-08	2.3E-09	1.6E-17
Cadmium		2.7E-16	3.4E-07	4.3E-08	1.3E-17
Chromium		2.5E-11	3.0E-06	3.8E-07	1.2E-12
Cobalt		5.1E-11	1.4E-06	1.7E-07	2.5E-12
Copper		9.4E-11	7.8E-06	9.7E-07	4.6E-12
Lead		3.1E-14	2.5E-06	3.1E-07	1.5E-15
Manganese		2.6E-13	2.4E-06	3.0E-07	1.3E-14
Mercury (+2)		1.0E-14	1.1E-08	1.3E-09	5.0E-16

Table H-245 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Mercury, elemental			4.5E-11	5.6E-12	
Methyl Mercury		6.4E-16			3.1E-17
Nickel		1.3E-15	1.5E-06	1.9E-07	6.5E-17
Phosphorus		2.3E-15	1.1E-05	1.3E-06	2.2E-11
Selenium		1.3E-17	7.9E-08	9.9E-09	6.6E-19
Silver		2.3E-13	4.7E-08	5.9E-09	1.1E-14
Titanium		3.0E-15	3.0E-08	3.8E-09	1.5E-16
Zinc		4.8E-14	4.6E-05	5.7E-06	2.3E-15
NOx					
NOx (Oxides of Nitrogen)			6.6E-04	8.2E-05	
PAHs					
1-Methylnaphthalene	1.1E-16	1.0E-16	1.9E-05	2.4E-06	1.2E-13
1-Methylphenanthrene		7.1E-14	2.3E-06	2.9E-07	3.5E-15
2,3,5-Trimethylnaphthalene		3.6E-14	1.2E-06	1.5E-07	1.7E-15
2,6-Dimethylnaphthalene		9.3E-14	3.0E-06	3.8E-07	4.5E-15
2-Methylnaphthalene	1.1E-16	1.0E-16	1.8E-05	2.3E-06	1.2E-13
Acenaphthylene		3.0E-13	1.1E-05	1.4E-06	1.5E-14
Acenaphthene			2.0E-06	2.5E-07	
Anthracene			3.6E-06	4.5E-07	
Benzo(a)anthracene	9.7E-13	8.8E-13	1.8E-06	2.3E-07	1.3E-11
Benzo(a)pyrene	4.0E-13	3.6E-13	6.8E-07	8.5E-08	1.8E-14
Benzo(b)fluoranthene	2.1E-14	1.9E-14	7.3E-07	9.1E-08	9.4E-16

Table H-245 (Lifetime Average Daily Dose)

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Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(e)pyrene		1.5E-14	5.6E-07	7.0E-08	7.5E-16
Benzo(g,h,i)perylene		1.2E-14	4.4E-07	5.5E-08	5.8E-16
Benzo(k)fluoranthene	6.9E-15	6.3E-15	1.4E-09	1.8E-10	3.1E-16
Biphenyl		1.7E-15	6.5E-05	8.2E-06	9.7E-13
Chrysene	1.1E-12	1.0E-12	2.9E-06	3.7E-07	5.0E-14
Dibenze(a,h)anthracene	1.4E-13	1.3E-13	1.1E-07	1.3E-08	6.2E-15
Fluoranthene	3.0E-14	2.7E-14	4.3E-06	5.4E-07	1.3E-15
Fluorene			1.1E-05	1.4E-06	
Indeno(1,2,3-cd)pyrene	3.9E-13	3.5E-13	3.5E-07	4.4E-08	1.7E-14
Napthalene			8.6E-05	1.1E-05	
Perylene		7.5E-15	2.9E-07	3.6E-08	3.7E-16
Phenanthrene			2.0E-05	2.5E-06	
Pyrene	1.0E-13	9.4E-14	4.2E-06	5.3E-07	2.6E-12
Particulate					
Particulate Total Suspended Particulate		1.2E-09	1.2E-02	1.5E-03	5.7E-11
PM<10		1.5E-09	1.6E-02	2.0E-03	7.5E-11
PM<2.5		1.3E-09	1.4E-02	1.8E-03	6.4E-11
PCBs					
Dichlorobiphenyl	2.6E-16	2.2E-16	5.2E-08	6.6E-09	2.1E-14
Heptachlorobiphenyl	3.0E-17	2.5E-17	7.0E-10	8.8E-11	1.3E-15
Hexachlorobiphenyl	1.2E-16	1.0E-16	2.8E-09	3.5E-10	5.2E-15
Monochlorobiphenyl	1.9E-15	1.6E-15	3.7E-07	4.6E-08	1.5E-13

Table H-245 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Nonachlorobiphenyl	3.8E-18	3.2E-18	8.3E-11	1.0E-11	1.6E-16
Octachlorobiphenyl	8.8E-18	7.4E-18	2.1E-10	2.6E-11	3.8E-16
Pentachlorobiphenyl	4.0E-16	3.4E-16	9.2E-09	1.2E-09	1.7E-14
Tetrachlorobiphenyl	8.0E-17	6.8E-17	1.5E-08	1.9E-09	6.3E-15
Trichlorobiphenyl	1.0E-16	8.8E-17	2.0E-08	2.5E-09	8.2E-15
SVOCs					
1,2,4-trichlorobenzene			1.1E-07	1.3E-08	
1,2-dichlorobenzene			1.4E-08	1.7E-09	
1,3-dichlorobenzene			7.0E-08	8.8E-09	
1,4-dichlorobenzene			9.7E-07	1.2E-07	
2,4-Dimethylphenol			1.3E-05	1.6E-06	
2-Chlorophenol			2.9E-06	3.6E-07	
2-Methylphenol			3.3E-05	4.1E-06	
2-Nitrophenol			4.3E-06	5.4E-07	
3-Methylphenol & 4-Methylphenol		1.8E-12	5.8E-05	7.3E-06	8.8E-14
4-Nitrophenol			6.5E-06	8.2E-07	
Acetophenone			6.7E-05	8.4E-06	
Benzoic acid			3.1E-04	3.9E-05	
Benzyl alcohol			1.6E-06	2.0E-07	
bis(2-Ethylhexyl) phthalate	2.7E-12	3.2E-12	1.0E-04	1.3E-05	1.5E-13
Butyl benzyl phthalate	1.6E-15	1.8E-15	3.4E-06	4.3E-07	9.0E-17
Carbazole		1.6E-15	2.0E-08	2.6E-09	8.0E-17

Table H-245 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibenzofuran	6.6E-17	2.6E-16	5.4E-06	6.8E-07	1.1E-13
Dimethyl phthalate			4.2E-08	5.3E-09	
Di-n-butyl phthalate	1.6E-15	1.8E-15	5.3E-06	6.6E-07	9.1E-17
Di-n-octyl phthalate	1.1E-15	1.3E-15	8.1E-08	1.0E-08	6.3E-17
Hexachlorobutadiene			5.6E-06	7.0E-07	
Phenol			1.7E-04	2.2E-05	
Pyridine			1.6E-05	2.1E-06	
TRS					
Total Reduced Sulfur			1.8E-04	2.2E-05	
VOCs					
1,1,1,2-Tetrachloroethane			5.8E-08	7.3E-09	
1,1,1-Trichloroethane			6.7E-08	8.3E-09	
1,1-Dichloroethene			3.3E-09	4.1E-10	
1,2,3-Trichlorobenzene			2.6E-07	3.3E-08	
1,2,3-Trichloropropane			1.4E-08	1.7E-09	
1,2,4-Trimethylbenzene			2.4E-06	3.0E-07	
1,2-Dibromoethane			8.8E-09	1.1E-09	
1,2-Dichloroethane			1.4E-06	1.7E-07	
1,3,5-Trimethylbenzene			2.1E-06	2.6E-07	
1,3-Dichloropropane			8.5E-09	1.1E-09	
2-Butanone			1.8E-05	2.2E-06	
2-Chlorotoluene			8.4E-07	1.0E-07	

Table H-245 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Hexanone			3.2E-06	4.0E-07	
Benzene			4.6E-04	5.8E-05	
Bromobenzene			4.7E-06	5.9E-07	
Bromochloromethane			1.1E-08	1.4E-09	
Bromodichloromethane			1.2E-08	1.5E-09	
Bromomethane			1.4E-06	1.7E-07	
Carbon disulfide			1.1E-06	1.4E-07	
Carbon tetrachloride			2.8E-08	3.5E-09	
Chlorobenzene			2.2E-06	2.8E-07	
Chlorodibromomethane			3.0E-07	3.8E-08	
Chloroethane			4.1E-06	5.1E-07	
Chloroform			3.1E-07	3.9E-08	
Chloromethane			1.1E-05	1.4E-06	
cis-1,2-Dichloroethene			5.0E-07	6.3E-08	
cis-1,3-Dichloropropene			3.1E-09	3.9E-10	
Dibromomethane			2.6E-08	3.2E-09	
Dichlorodifluoromethane			3.2E-08	3.9E-09	
Ethylbenzene			9.9E-05	1.2E-05	
Isopropylbenzene			6.9E-06	8.6E-07	
m&p-Xylene			1.6E-05	2.0E-06	
Methyl Isobutyl Ketone (4-methyl-2-penta			4.5E-08	5.6E-09	
Methylene chloride			8.8E-06	1.1E-06	

Table H-245 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
n-Butylbenzene			2.7E-06	3.4E-07	
n-Propylbenzene			3.8E-06	4.8E-07	
o-Xylene			9.6E-06	1.2E-06	
p-Chlorotoluene			2.0E-07	2.5E-08	
p-Isopropyltoluene			9.3E-07	1.2E-07	
sec-Butylbenzene			5.2E-07	6.5E-08	
Styrene			2.5E-04	3.1E-05	
tert-Butylbenzene			5.8E-06	7.2E-07	
Tetrachloroethene			5.4E-08	6.8E-09	
Toluene			1.7E-04	2.1E-05	
trans-1,2-Dichloroethene			1.1E-05	1.3E-06	
trans-1,3-Dichloropropene			5.4E-09	6.7E-10	
Trichloroethene			9.2E-10	1.2E-10	
Trichlorofluoromethane			1.1E-08	1.4E-09	
Vinyl chloride			1.2E-06	1.5E-07	

Table H-246 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			2.7E-05	3.4E-06	
Aldehydes					
Acetaldehyde			4.7E-05	5.9E-06	
Formaldehyde			1.8E-05	2.2E-06	
Propionaldehyde		5.2E-14	5.3E-06	6.6E-07	3.9E-13
CO					
Carbon monoxide			1.6E-03	1.9E-04	
CO2					
Carbon dioxide			4.6E-05	5.7E-06	
Criteria					
Sulfur Dioxide			1.1E-05	1.3E-06	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	6.4E-14	2.5E-13	3.2E-11	4.0E-12	1.2E-17
1,2,3,4,6,7,8-HpCDF	6.4E-14	2.5E-13	3.2E-11	4.0E-12	1.2E-17
1,2,3,4,7,8,9-HpCDF	7.9E-15	3.1E-14	4.3E-12	5.3E-13	1.5E-18
1,2,3,4,7,8-HxCDD	7.6E-15	3.0E-14	3.9E-12	4.9E-13	1.5E-18
1,2,3,4,7,8-HxCDF	6.0E-14	2.4E-13	3.2E-11	4.0E-12	1.2E-17
1,2,3,6,7,8-HxCDD	1.6E-14	6.1E-14	8.3E-12	1.0E-12	3.0E-18
1,2,3,6,7,8-HxCDF	2.0E-14	7.9E-14	1.0E-11	1.3E-12	3.8E-18
1,2,3,7,8,9-HxCDD	2.4E-14	9.6E-14	1.3E-11	1.6E-12	4.7E-18
1,2,3,7,8,9-HxCDF	1.4E-15	5.7E-15	8.1E-13	1.0E-13	2.8E-19

Table H-246 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	8.7E-15	3.4E-14	5.1E-12	6.3E-13	1.7E-18
1,2,3,7,8-PeCDF	1.0E-14	4.1E-14	7.3E-12	9.1E-13	2.0E-18
2,3,4,6,7,8-HxCDF	3.0E-14	1.2E-13	1.6E-11	2.0E-12	5.8E-18
2,3,4,7,8-PeCDF	2.5E-14	9.7E-14	1.6E-11	2.0E-12	4.8E-18
2,3,7,8-TCDD	1.1E-15	4.3E-15	1.5E-12	1.9E-13	1.5E-16
2,3,7,8-TCDF	3.3E-15	1.3E-14	7.6E-12	9.5E-13	6.4E-19
OCDD	4.2E-14	1.7E-13	2.1E-11	2.6E-12	8.2E-18
OCDF	1.6E-14	6.2E-14	7.8E-12	9.7E-13	3.0E-18
HCN					
Hydrogen cyanide			5.8E-06	7.3E-07	
Metals					
Antimony			1.9E-07	2.4E-08	
Arsenic	5.9E-17	1.4E-16	1.9E-08	2.4E-09	1.1E-20
Barium		7.4E-08	2.7E-06	3.3E-07	3.6E-12
Beryllium		2.3E-14	1.3E-09	1.6E-10	1.1E-18
Cadmium		1.9E-14	2.4E-08	3.0E-09	9.3E-19
Chromium		2.3E-09	2.1E-07	2.7E-08	1.1E-13
Cobalt		5.7E-09	9.5E-08	1.2E-08	2.8E-13
Copper		1.0E-08	5.4E-07	6.8E-08	5.0E-13
Lead		2.2E-12	1.7E-07	2.1E-08	1.1E-16
Manganese		1.8E-11	1.7E-07	2.1E-08	9.0E-16
Mercury (+2)		1.4E-12	7.5E-10	9.4E-11	7.0E-17

Table H-246 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Mercury, elemental			3.1E-12	3.9E-13	
Methyl Mercury		8.9E-14			4.4E-18
Nickel		9.3E-14	1.1E-07	1.3E-08	4.5E-18
Phosphorus		1.6E-13	7.5E-07	9.4E-08	1.5E-12
Selenium		9.4E-16	5.5E-09	6.9E-10	4.6E-20
Silver		1.8E-11	3.3E-09	4.1E-10	8.9E-16
Titanium		2.1E-13	2.1E-09	2.7E-10	1.0E-17
Zinc		3.3E-12	3.2E-06	4.0E-07	1.6E-16
NOx					
NOx (Oxides of Nitrogen)			4.6E-05	5.8E-06	
PAHs					
1-Methylnaphthalene	8.0E-15	7.2E-15	1.3E-06	1.7E-07	8.2E-15
1-Methylphenanthrene		5.0E-12	1.6E-07	2.0E-08	2.4E-16
2,3,5-Trimethylnaphthalene		2.5E-12	8.2E-08	1.0E-08	1.2E-16
2,6-Dimethylnaphthalene		6.5E-12	2.1E-07	2.7E-08	3.2E-16
2-Methylnaphthalene	7.7E-15	7.0E-15	1.3E-06	1.6E-07	8.1E-15
Acenaphthylene		2.1E-11	7.8E-07	9.7E-08	1.0E-15
Acenaphthene			1.4E-07	1.8E-08	
Anthracene			2.5E-07	3.1E-08	
Benzo(a)anthracene	7.4E-11	6.8E-11	1.3E-07	1.6E-08	1.0E-12
Benzo(a)pyrene	3.0E-11	2.7E-11	4.8E-08	6.0E-09	1.3E-15
Benzo(b)fluoranthene	1.6E-12	1.5E-12	5.1E-08	6.3E-09	7.1E-17

Table H-246 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(e)pyrene		1.1E-12	3.9E-08	4.9E-09	5.3E-17
Benzo(g,h,i)perylene		8.3E-13	3.1E-08	3.9E-09	4.1E-17
Benzo(k)fluoranthene	6.4E-13	5.8E-13	1.0E-10	1.3E-11	2.9E-17
Biphenyl		1.2E-13	4.6E-06	5.7E-07	6.8E-14
Chrysene	9.1E-11	8.2E-11	2.1E-07	2.6E-08	4.0E-15
Dibenze(a,h)anthracene	1.1E-11	1.0E-11	7.4E-09	9.2E-10	4.9E-16
Fluoranthene	2.2E-12	2.0E-12	3.0E-07	3.8E-08	1.0E-16
Fluorene			7.7E-07	9.6E-08	
Indeno(1,2,3-cd)pyrene	3.0E-11	2.7E-11	2.5E-08	3.1E-09	1.3E-15
Napthalene			6.0E-06	7.5E-07	
Perylene		5.3E-13	2.0E-08	2.5E-09	2.6E-17
Phenanthrene			1.4E-06	1.8E-07	
Pyrene	9.4E-12	8.6E-12	3.0E-07	3.7E-08	2.4E-13
Particulate					
Particulate Total Suspended Particulate		8.1E-08	8.5E-04	1.1E-04	4.0E-12
PM<10		1.1E-07	1.1E-03	1.4E-04	5.3E-12
PM<2.5		9.2E-08	1.0E-03	1.3E-04	4.5E-12
PCBs					
Dichlorobiphenyl	3.2E-14	2.7E-14	3.7E-09	4.6E-10	2.5E-15
Heptachlorobiphenyl	3.6E-15	3.0E-15	4.9E-11	6.2E-12	1.5E-16
Hexachlorobiphenyl	1.5E-14	1.2E-14	2.0E-10	2.5E-11	6.3E-16
Monochlorobiphenyl	2.2E-13	1.9E-13	2.6E-08	3.2E-09	1.7E-14

Table H-246 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Nonachlorobiphenyl	4.6E-16	3.9E-16	5.8E-12	7.2E-13	2.0E-17
Octachlorobiphenyl	1.1E-15	9.0E-16	1.4E-11	1.8E-12	4.6E-17
Pentachlorobiphenyl	4.9E-14	4.1E-14	6.5E-10	8.1E-11	2.1E-15
Tetrachlorobiphenyl	9.6E-15	8.1E-15	1.1E-09	1.3E-10	7.6E-16
Trichlorobiphenyl	1.3E-14	1.1E-14	1.4E-09	1.7E-10	9.8E-16
SVOCs					
1,2,4-trichlorobenzene			7.5E-09	9.4E-10	
1,2-dichlorobenzene			9.7E-10	1.2E-10	
1,3-dichlorobenzene			4.9E-09	6.2E-10	
1,4-dichlorobenzene			6.8E-08	8.5E-09	
2,4-Dimethylphenol			9.1E-07	1.1E-07	
2-Chlorophenol			2.0E-07	2.5E-08	
2-Methylphenol			2.3E-06	2.9E-07	
2-Nitrophenol			3.0E-07	3.8E-08	
3-Methylphenol & 4-Methylphenol		1.3E-10	4.1E-06	5.1E-07	6.2E-15
4-Nitrophenol			4.6E-07	5.7E-08	
Acetophenone			4.7E-06	5.9E-07	
Benzoic acid			2.2E-05	2.7E-06	
Benzyl alcohol			1.1E-07	1.4E-08	
bis(2-Ethylhexyl) phthalate	1.9E-10	2.2E-10	7.0E-06	8.8E-07	1.1E-14
Butyl benzyl phthalate	1.1E-13	1.3E-13	2.4E-07	3.0E-08	6.3E-18
Carbazole		1.1E-13	1.4E-09	1.8E-10	5.6E-18

Table H-246 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibenzofuran	4.6E-15	1.8E-14	3.8E-07	4.8E-08	7.8E-15
Dimethyl phthalate			3.0E-09	3.7E-10	
Di-n-butyl phthalate	1.1E-13	1.3E-13	3.7E-07	4.6E-08	6.4E-18
Di-n-octyl phthalate	7.7E-14	9.0E-14	5.7E-09	7.1E-10	4.4E-18
Hexachlorobutadiene			3.9E-07	4.9E-08	
Phenol			1.2E-05	1.5E-06	
Pyridine			1.2E-06	1.4E-07	
TRS					
Total Reduced Sulfur			1.3E-05	1.6E-06	
VOCs					
1,1,1,2-Tetrachloroethane			4.1E-09	5.1E-10	
1,1,1-Trichloroethane			4.7E-09	5.8E-10	
1,1-Dichloroethene			2.3E-10	2.9E-11	
1,2,3-Trichlorobenzene			1.8E-08	2.3E-09	
1,2,3-Trichloropropane			9.6E-10	1.2E-10	
1,2,4-Trimethylbenzene			1.7E-07	2.1E-08	
1,2-Dibromoethane			6.1E-10	7.7E-11	
1,2-Dichloroethane			9.8E-08	1.2E-08	
1,3,5-Trimethylbenzene			1.4E-07	1.8E-08	
1,3-Dichloropropane			6.0E-10	7.4E-11	
2-Butanone			1.2E-06	1.6E-07	
2-Chlorotoluene			5.9E-08	7.3E-09	

Table H-246 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Hexanone			2.3E-07	2.8E-08	
Benzene			3.2E-05	4.0E-06	
Bromobenzene			3.3E-07	4.1E-08	
Bromochloromethane			7.8E-10	9.8E-11	
Bromodichloromethane			8.5E-10	1.1E-10	
Bromomethane			9.6E-08	1.2E-08	
Carbon disulfide			8.0E-08	1.0E-08	
Carbon tetrachloride			1.9E-09	2.4E-10	
Chlorobenzene			1.6E-07	2.0E-08	
Chlorodibromomethane			2.1E-08	2.6E-09	
Chloroethane			2.9E-07	3.6E-08	
Chloroform			2.2E-08	2.7E-09	
Chloromethane			7.9E-07	9.8E-08	
cis-1,2-Dichloroethene			3.5E-08	4.4E-09	
cis-1,3-Dichloropropene			2.2E-10	2.7E-11	
Dibromomethane			1.8E-09	2.3E-10	
Dichlorodifluoromethane			2.2E-09	2.8E-10	
Ethylbenzene			6.9E-06	8.6E-07	
Isopropylbenzene			4.8E-07	6.0E-08	
m&p-Xylene			1.1E-06	1.4E-07	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.2E-09	4.0E-10	
Methylene chloride			6.1E-07	7.7E-08	

Table H-246 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
n-Butylbenzene			1.9E-07	2.4E-08	
n-Propylbenzene			2.7E-07	3.4E-08	
o-Xylene			6.7E-07	8.4E-08	
p-Chlorotoluene			1.4E-08	1.7E-09	
p-Isopropyltoluene			6.5E-08	8.2E-09	
sec-Butylbenzene			3.6E-08	4.5E-09	
Styrene			1.7E-05	2.1E-06	
tert-Butylbenzene			4.1E-07	5.1E-08	
Tetrachloroethene			3.8E-09	4.8E-10	
Toluene			1.2E-05	1.5E-06	
trans-1,2-Dichloroethene			7.5E-07	9.4E-08	
trans-1,3-Dichloropropene			3.8E-10	4.7E-11	
Trichloroethene			6.4E-11	8.1E-12	
Trichlorofluoromethane			7.8E-10	9.7E-11	
Vinyl chloride			8.6E-08	1.1E-08	

Table H-247 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas						
Hydrogen Chloride				5.8E-04	1.9E-04	
Aldehydes						
Acetaldehyde	1.3E-15			1.0E-03	3.4E-04	
Formaldehyde	6.5E-15			4.0E-04	1.3E-04	
Propionaldehyde			1.0E-15	1.1E-04	3.7E-05	2.3E-11
CO						
Carbon monoxide				3.2E-02	1.1E-02	
CO2						
Carbon dioxide				9.8E-04	3.3E-04	
Criteria						
Sulfur Dioxide				2.4E-04	7.9E-05	
DIOXINS						
1,2,3,4,6,7,8-HpCDD	1.8E-20	3.3E-16	2.6E-15	6.6E-10	2.2E-10	3.9E-16
1,2,3,4,6,7,8-HpCDF	1.7E-20	3.3E-16	2.6E-15	6.6E-10	2.2E-10	3.9E-16
1,2,3,4,7,8,9-HpCDF	2.6E-21	4.0E-17	3.2E-16	8.6E-11	2.9E-11	4.7E-17
1,2,3,4,7,8-HxCDD	2.0E-20	3.9E-17	3.1E-16	8.0E-11	2.7E-11	4.5E-17
1,2,3,4,7,8-HxCDF	1.4E-19	3.1E-16	2.4E-15	6.5E-10	2.2E-10	3.6E-16
1,2,3,6,7,8-HxCDD	3.8E-20	8.0E-17	6.3E-16	1.7E-10	5.6E-11	9.2E-17
1,2,3,6,7,8-HxCDF	5.1E-20	1.0E-16	8.0E-16	2.1E-10	7.1E-11	1.2E-16
1,2,3,7,8,9-HxCDD	5.5E-20	1.2E-16	9.9E-16	2.6E-10	8.5E-11	1.5E-16
1,2,3,7,8,9-HxCDF	4.1E-21	7.3E-18	5.8E-17	1.6E-11	5.5E-12	8.5E-18

Table H-247 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	1.1E-19	4.5E-17	3.5E-16	1.0E-10	3.4E-11	5.2E-17
1,2,3,7,8-PeCDF	1.5E-19	5.3E-17	4.2E-16	1.5E-10	4.9E-11	6.1E-17
2,3,4,6,7,8-HxCDF	7.3E-20	1.5E-16	1.2E-15	3.2E-10	1.1E-10	1.8E-16
2,3,4,7,8-PeCDF	2.3E-19	1.3E-16	9.9E-16	3.3E-10	1.1E-10	1.5E-16
2,3,7,8-TCDD	3.6E-20	6.7E-18	5.3E-17	3.4E-11	1.1E-11	5.4E-15
2,3,7,8-TCDF	1.1E-19	1.7E-17	1.3E-16	1.5E-10	5.1E-11	2.0E-17
OCDD	2.4E-22	2.2E-16	1.7E-15	4.3E-10	1.4E-10	2.6E-16
OCDF	8.8E-23	8.3E-17	6.5E-16	1.6E-10	5.3E-11	9.6E-17
HCN						
Hydrogen cyanide				1.2E-04	4.0E-05	
Metals						
Antimony	2.2E-19			5.0E-06	1.7E-06	
Arsenic	1.2E-17	6.9E-19	3.3E-18	4.1E-07	1.4E-07	8.0E-19
Barium	3.1E-14		1.3E-09	6.6E-05	2.2E-05	2.0E-10
Beryllium	4.7E-19		5.6E-16	2.8E-08	9.4E-09	8.3E-17
Cadmium	1.2E-16		4.5E-16	5.1E-07	1.7E-07	6.6E-17
Chromium	3.5E-17		4.0E-11	4.5E-06	1.5E-06	5.8E-12
Cobalt			1.3E-10	3.5E-06	1.2E-06	1.8E-11
Copper			1.6E-10	1.2E-05	3.9E-06	2.3E-11
Lead	9.9E-20		5.5E-14	3.8E-06	1.3E-06	8.0E-15
Manganese			4.4E-13	3.7E-06	1.2E-06	6.4E-14
Mercury (+2)			1.4E-14	1.6E-08	5.4E-09	2.1E-15

Table H-247 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Mercury, elemental				6.7E-11	2.2E-11	
Methyl Mercury	1.2E-16		1.1E-15			1.5E-16
Nickel	4.7E-17		2.2E-15	2.3E-06	7.8E-07	3.3E-16
Phosphorus			4.0E-15	1.7E-05	5.6E-06	1.1E-10
Selenium	3.9E-18		2.2E-17	1.2E-07	4.0E-08	3.3E-18
Silver	2.9E-18		3.9E-13	7.3E-08	2.4E-08	5.8E-14
Titanium			4.6E-15	4.4E-08	1.5E-08	6.8E-16
Zinc	5.8E-14		9.3E-14	7.6E-05	2.5E-05	1.4E-14
NOx						
NOx (Oxides of Nitrogen)				1.0E-03	3.4E-04	
PAHs						
1-Methylnaphthalene		6.9E-17	1.3E-16	2.7E-05	8.9E-06	4.3E-13
1-Methylphenanthrene			8.6E-14	3.2E-06	1.1E-06	1.3E-14
2,3,5-Trimethylnaphthalene			4.2E-14	1.6E-06	5.4E-07	6.2E-15
2,6-Dimethylnaphthalene			1.1E-13	4.2E-06	1.4E-06	1.6E-14
2-Methylnaphthalene		6.7E-17	1.2E-16	2.6E-05	8.7E-06	4.2E-13
Acenaphthylene			3.6E-13	1.6E-05	5.2E-06	5.3E-14
Acenaphthene	4.8E-17			2.8E-06	9.4E-07	
Anthracene	6.1E-16			5.0E-06	1.7E-06	
Benzo(a)anthracene	8.8E-14	5.7E-13	1.0E-12	2.5E-06	8.4E-07	4.7E-11
Benzo(a)pyrene	4.4E-14	2.4E-13	4.4E-13	9.6E-07	3.2E-07	6.5E-14
Benzo(b)fluoranthene	1.2E-14	1.3E-14	2.4E-14	1.0E-06	3.4E-07	3.5E-15

Table H-247 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(e)pyrene			1.9E-14	8.0E-07	2.7E-07	2.8E-15
Benzo(g,h,i)perylene			1.5E-14	6.2E-07	2.1E-07	2.1E-15
Benzo(k)fluoranthene	9.8E-17	7.8E-15	1.4E-14	4.1E-09	1.4E-09	2.1E-15
Biphenyl			2.0E-15	9.1E-05	3.0E-05	3.5E-12
Chrysene	1.5E-14	6.9E-13	1.3E-12	4.1E-06	1.4E-06	1.8E-13
Dibenze(a,h)anthracene	2.2E-15	8.5E-14	1.6E-13	1.5E-07	5.0E-08	2.3E-14
Fluoranthene	4.0E-15	1.8E-14	3.4E-14	6.1E-06	2.0E-06	5.0E-15
Fluorene	8.7E-16			1.5E-05	5.1E-06	
Indeno(1,2,3-cd)pyrene	5.5E-15	2.4E-13	4.3E-13	4.9E-07	1.6E-07	6.4E-14
Napthalene	4.0E-16			1.2E-04	4.0E-05	
Perylene			8.8E-15	4.0E-07	1.3E-07	1.3E-15
Phenanthrene	4.2E-15			2.8E-05	9.4E-06	
Pyrene	2.9E-15	6.3E-14	1.1E-13	5.9E-06	2.0E-06	9.6E-12
Particulate						
Particulate Total Suspended Particulate			1.7E-09	1.8E-02	5.8E-03	2.6E-10
PM<10			2.3E-09	2.4E-02	7.8E-03	3.3E-10
PM<2.5			1.9E-09	2.0E-02	6.8E-03	2.8E-10
PCBs						
Dichlorobiphenyl	8.7E-17	1.6E-16	2.8E-16	7.4E-08	2.5E-08	7.7E-14
Heptachlorobiphenyl	3.3E-18	1.8E-17	3.1E-17	1.0E-09	3.3E-10	4.8E-15
Hexachlorobiphenyl	1.3E-17	7.7E-17	1.3E-16	4.0E-09	1.3E-09	2.0E-14
Monochlorobiphenyl	6.1E-16	1.1E-15	1.9E-15	5.2E-07	1.7E-07	5.4E-13

Table H-247 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Nonachlorobiphenyl	4.1E-19	2.6E-18	4.4E-18	1.2E-10	4.1E-11	6.8E-16
Octachlorobiphenyl	9.7E-19	5.6E-18	9.5E-18	3.0E-10	9.9E-11	1.5E-15
Pentachlorobiphenyl	4.4E-17	2.7E-16	4.5E-16	1.3E-08	4.5E-09	6.9E-14
Tetrachlorobiphenyl	2.6E-17	5.3E-17	9.0E-17	2.2E-08	7.3E-09	2.5E-14
Trichlorobiphenyl	3.4E-17	6.7E-17	1.1E-16	2.9E-08	9.6E-09	3.2E-14
SVOCs						
1,2,4-trichlorobenzene				1.7E-07	5.6E-08	
1,2-dichlorobenzene	3.9E-20			3.8E-08	1.3E-08	
1,3-dichlorobenzene	9.9E-20			1.1E-07	3.6E-08	
1,4-dichlorobenzene	1.3E-18			1.3E-06	4.4E-07	
2,4-Dimethylphenol	3.6E-17			1.8E-05	6.2E-06	
2-Chlorophenol	1.8E-18			4.0E-06	1.3E-06	
2-Methylphenol	7.5E-16			4.6E-05	1.5E-05	
2-Nitrophenol	4.6E-18			6.1E-06	2.0E-06	
3-Methylphenol & 4-Methylphenol			2.2E-12	8.2E-05	2.7E-05	3.2E-13
4-Nitrophenol	9.3E-18			9.4E-06	3.1E-06	
Acetophenone	5.6E-17			9.5E-05	3.2E-05	
Benzoic acid	2.3E-16			4.4E-04	1.5E-04	
Benzyl alcohol	1.4E-19			2.7E-06	8.8E-07	
bis(2-Ethylhexyl) phthalate	7.0E-15	1.7E-12	4.1E-12	1.4E-04	4.8E-05	6.0E-13
Butyl benzyl phthalate	2.5E-15	9.5E-16	2.2E-15	4.8E-06	1.6E-06	3.3E-16
Carbazole			3.7E-15	5.9E-08	2.0E-08	5.5E-16

Table H-247 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibenzofuran		4.1E-17	3.2E-16	7.7E-06	2.6E-06	4.1E-13
Dimethyl phthalate	9.2E-19			1.2E-07	3.9E-08	
Di-n-butyl phthalate	2.4E-14	9.5E-16	2.3E-15	7.4E-06	2.5E-06	3.3E-16
Di-n-octyl phthalate	1.8E-19	1.2E-15	2.9E-15	2.2E-07	7.5E-08	4.3E-16
Hexachlorobutadiene	9.6E-17			1.5E-05	5.1E-06	
Phenol	2.1E-15			2.4E-04	8.1E-05	
Pyridine	1.1E-16			2.3E-05	7.7E-06	
TRS						
Total Reduced Sulfur				2.5E-04	8.2E-05	
VOCs						
1,1,1,2-Tetrachloroethane	3.8E-20			8.9E-08	3.0E-08	
1,1,1-Trichloroethane	2.5E-21			9.7E-08	3.2E-08	
1,1-Dichloroethene	8.5E-23			9.0E-09	3.0E-09	
1,2,3-Trichlorobenzene	2.7E-18			3.9E-07	1.3E-07	
1,2,3-Trichloropropane	1.5E-20			3.8E-08	1.3E-08	
1,2,4-Trimethylbenzene				3.9E-06	1.3E-06	
1,2-Dibromoethane	5.3E-21			2.4E-08	8.0E-09	
1,2-Dichloroethane	1.7E-19			2.0E-06	6.8E-07	
1,3,5-Trimethylbenzene	8.6E-19			3.4E-06	1.1E-06	
1,3-Dichloropropane				2.3E-08	7.8E-09	
2-Butanone	3.5E-17			2.6E-05	8.5E-06	
2-Chlorotoluene				1.2E-06	3.9E-07	

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Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Hexanone				4.8E-06	1.6E-06	
Benzene	2.8E-17			6.6E-04	2.2E-04	
Bromobenzene				1.3E-05	4.3E-06	
Bromochloromethane				3.1E-08	1.0E-08	
Bromodichloromethane	4.5E-21			3.3E-08	1.1E-08	
Bromomethane	1.9E-20			2.2E-06	7.4E-07	
Carbon disulfide	1.8E-20			1.9E-06	6.4E-07	
Carbon tetrachloride	1.9E-21			7.6E-08	2.5E-08	
Chlorobenzene	6.7E-19			3.3E-06	1.1E-06	
Chlorodibromomethane	2.6E-19			8.2E-07	2.7E-07	
Chloroethane	5.3E-20			6.2E-06	2.1E-06	
Chloroform	4.0E-20			7.4E-07	2.5E-07	
Chloromethane	1.4E-19			1.8E-05	6.1E-06	
cis-1,2-Dichloroethene	5.4E-20			1.4E-06	4.6E-07	
cis-1,3-Dichloropropene				8.5E-09	2.8E-09	
Dibromomethane	6.0E-21			7.1E-08	2.4E-08	
Dichlorodifluoromethane	6.7E-23			8.6E-08	2.9E-08	
Ethylbenzene	2.1E-17			1.4E-04	4.8E-05	
Isopropylbenzene	2.8E-20			1.1E-05	3.5E-06	
m&p-Xylene	3.4E-18			2.4E-05	8.0E-06	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	3.4E-20			1.2E-07	4.1E-08	
Methylene chloride	3.7E-19			1.3E-05	4.3E-06	

Table H-247 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
n-Butylbenzene				4.5E-06	1.5E-06	
n-Propylbenzene				6.0E-06	2.0E-06	
o-Xylene	4.0E-18			1.5E-05	5.0E-06	
p-Chlorotoluene				3.3E-07	1.1E-07	
p-Isopropyltoluene				1.8E-06	6.0E-07	
sec-Butylbenzene				8.4E-07	2.8E-07	
Styrene	1.3E-16			3.6E-04	1.2E-04	
tert-Butylbenzene				1.6E-05	5.3E-06	
Tetrachloroethene	9.4E-21			8.2E-08	2.7E-08	
Toluene	2.2E-17			2.4E-04	8.0E-05	
trans-1,2-Dichloroethene	8.4E-19			2.9E-05	9.8E-06	
trans-1,3-Dichloropropene				1.5E-08	4.9E-09	
Trichloroethene	9.7E-23			2.5E-09	8.4E-10	
Trichlorofluoromethane	1.5E-22			3.0E-08	1.0E-08	
Vinyl chloride	6.9E-21			2.3E-06	7.8E-07	

Table H-248 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas						
Hydrogen Chloride				4.1E-05	1.4E-05	
Aldehydes						
Acetaldehyde	9.2E-14			7.1E-05	2.4E-05	
Formaldehyde	4.5E-13			2.8E-05	9.2E-06	
Propionaldehyde			7.2E-14	7.8E-06	2.6E-06	1.6E-12
CO						
Carbon monoxide				2.3E-03	7.6E-04	
CO2						
Carbon dioxide				6.8E-05	2.3E-05	
Criteria						
Sulfur Dioxide				1.7E-05	5.6E-06	
DIOXINS						
1,2,3,4,6,7,8-HpCDD	1.8E-18	4.0E-14	3.2E-13	4.6E-11	1.5E-11	4.7E-17
1,2,3,4,6,7,8-HpCDF	1.8E-18	4.1E-14	3.2E-13	4.6E-11	1.5E-11	4.7E-17
1,2,3,4,7,8,9-HpCDF	2.5E-19	4.9E-15	3.9E-14	6.0E-12	2.0E-12	5.7E-18
1,2,3,4,7,8-HxCDD	2.0E-18	4.7E-15	3.7E-14	5.6E-12	1.9E-12	5.5E-18
1,2,3,4,7,8-HxCDF	1.3E-17	3.8E-14	3.0E-13	4.6E-11	1.5E-11	4.4E-17
1,2,3,6,7,8-HxCDD	3.7E-18	9.7E-15	7.7E-14	1.2E-11	3.9E-12	1.1E-17
1,2,3,6,7,8-HxCDF	4.9E-18	1.2E-14	9.8E-14	1.5E-11	5.0E-12	1.4E-17
1,2,3,7,8,9-HxCDD	5.6E-18	1.5E-14	1.2E-13	1.8E-11	6.0E-12	1.8E-17
1,2,3,7,8,9-HxCDF	3.8E-19	8.9E-16	7.1E-15	1.1E-12	3.8E-13	1.0E-18

Table H-248 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	8.4E-18	5.4E-15	4.3E-14	7.2E-12	2.4E-12	6.3E-18
1,2,3,7,8-PeCDF	1.2E-17	6.4E-15	5.1E-14	1.0E-11	3.4E-12	7.4E-18
2,3,4,6,7,8-HxCDF	7.0E-18	1.9E-14	1.5E-13	2.3E-11	7.6E-12	2.2E-17
2,3,4,7,8-PeCDF	1.9E-17	1.5E-14	1.2E-13	2.3E-11	7.7E-12	1.8E-17
2,3,7,8-TCDD	2.7E-18	8.0E-16	6.3E-15	2.4E-12	7.9E-13	6.4E-16
2,3,7,8-TCDF	8.2E-18	2.0E-15	1.6E-14	1.1E-11	3.6E-12	2.4E-18
OCDD	2.5E-20	2.7E-14	2.1E-13	3.0E-11	1.0E-11	3.1E-17
OCDF	9.3E-21	1.0E-14	8.0E-14	1.1E-11	3.7E-12	1.2E-17
HCN						
Hydrogen cyanide				8.4E-06	2.8E-06	
Metals						
Antimony	1.6E-17			3.5E-07	1.2E-07	
Arsenic	8.1E-16	4.8E-17	2.3E-16	2.9E-08	9.5E-09	5.6E-20
Barium	2.7E-12		1.5E-07	4.6E-06	1.5E-06	2.2E-11
Beryllium	3.3E-17		3.9E-14	2.0E-09	6.6E-10	5.8E-18
Cadmium	8.3E-15		3.1E-14	3.6E-08	1.2E-08	4.6E-18
Chromium	2.8E-15		3.7E-09	3.2E-07	1.1E-07	5.5E-13
Cobalt			1.4E-08	2.4E-07	8.1E-08	2.1E-12
Copper			1.7E-08	8.3E-07	2.8E-07	2.5E-12
Lead	6.9E-18		3.8E-12	2.7E-07	8.9E-08	5.6E-16
Manganese			3.1E-11	2.6E-07	8.6E-08	4.5E-15
Mercury (+2)			2.0E-12	1.1E-09	3.8E-10	2.9E-16

Table H-248 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Mercury, elemental				4.7E-12	1.6E-12	
Methyl Mercury	1.3E-14		1.5E-13			2.2E-17
Nickel	3.3E-15		1.6E-13	1.6E-07	5.4E-08	2.3E-17
Phosphorus			2.8E-13	1.2E-06	3.9E-07	8.0E-12
Selenium	2.8E-16		1.6E-15	8.3E-09	2.8E-09	2.3E-19
Silver	2.1E-16		3.2E-11	5.1E-09	1.7E-09	4.7E-15
Titanium			3.2E-13	3.1E-09	1.0E-09	4.8E-17
Zinc	4.1E-12		6.5E-12	5.4E-06	1.8E-06	9.6E-16
NOx						
NOx (Oxides of Nitrogen)				7.1E-05	2.4E-05	
PAHs						
1-Methylnaphthalene		4.9E-15	8.9E-15	1.9E-06	6.2E-07	3.0E-14
1-Methylphenanthrene			6.0E-12	2.3E-07	7.5E-08	8.9E-16
2,3,5-Trimethylnaphthalene			3.0E-12	1.1E-07	3.8E-08	4.4E-16
2,6-Dimethylnaphthalene			7.9E-12	3.0E-07	9.9E-08	1.2E-15
2-Methylnaphthalene		4.7E-15	8.6E-15	1.8E-06	6.1E-07	3.0E-14
Acenaphthylene			2.5E-11	1.1E-06	3.6E-07	3.7E-15
Acenaphthene	3.4E-15			2.0E-07	6.6E-08	
Anthracene	4.3E-14			3.5E-07	1.2E-07	
Benzo(a)anthracene	6.2E-12	4.4E-11	8.0E-11	1.8E-07	5.9E-08	3.6E-12
Benzo(a)pyrene	3.1E-12	1.8E-11	3.3E-11	6.7E-08	2.2E-08	4.9E-15
Benzo(b)fluoranthene	8.3E-13	1.0E-12	1.8E-12	7.2E-08	2.4E-08	2.7E-16

Table H-248 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(e)pyrene			1.3E-12	5.6E-08	1.9E-08	2.0E-16
Benzo(g,h,i)perylene			1.0E-12	4.3E-08	1.4E-08	1.5E-16
Benzo(k)fluoranthene	7.9E-15	7.3E-13	1.3E-12	2.8E-10	9.5E-11	2.0E-16
Biphenyl			1.4E-13	6.4E-06	2.1E-06	2.5E-13
Chrysene	1.1E-12	5.6E-11	1.0E-10	2.9E-07	9.6E-08	1.5E-14
Dibenze(a,h)anthracene	1.6E-13	6.8E-12	1.2E-11	1.0E-08	3.5E-09	1.8E-15
Fluoranthene	2.8E-13	1.4E-12	2.5E-12	4.2E-07	1.4E-07	3.7E-16
Fluorene	6.1E-14			1.1E-06	3.6E-07	
Indeno(1,2,3-cd)pyrene	4.0E-13	1.8E-11	3.3E-11	3.5E-08	1.2E-08	4.9E-15
Napthalene	2.8E-14			8.4E-06	2.8E-06	
Perylene			6.2E-13	2.8E-08	9.2E-09	9.1E-17
Phenanthrene	2.9E-13			2.0E-06	6.6E-07	
Pyrene	2.0E-13	5.7E-12	1.0E-11	4.1E-07	1.4E-07	8.8E-13
Particulate						
Particulate Total Suspended Particulate			1.2E-07	1.2E-03	4.1E-04	1.8E-11
PM<10			1.6E-07	1.6E-03	5.5E-04	2.3E-11
PM<2.5			1.3E-07	1.4E-03	4.8E-04	2.0E-11
PCBs						
Dichlorobiphenyl	6.1E-15	2.0E-14	3.3E-14	5.2E-09	1.7E-09	9.3E-15
Heptachlorobiphenyl	2.3E-16	2.2E-15	3.8E-15	7.0E-11	2.3E-11	5.8E-16
Hexachlorobiphenyl	9.4E-16	9.4E-15	1.6E-14	2.8E-10	9.4E-11	2.4E-15
Monochlorobiphenyl	4.3E-14	1.4E-13	2.3E-13	3.6E-08	1.2E-08	6.5E-14

Table H-248 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Nonachlorobiphenyl	2.9E-17	3.2E-16	5.4E-16	8.7E-12	2.9E-12	8.2E-17
Octachlorobiphenyl	6.9E-17	6.9E-16	1.2E-15	2.1E-11	6.9E-12	1.8E-16
Pentachlorobiphenyl	3.1E-15	3.2E-14	5.5E-14	9.4E-10	3.1E-10	8.3E-15
Tetrachlorobiphenyl	1.8E-15	6.4E-15	1.1E-14	1.5E-09	5.1E-10	3.0E-15
Trichlorobiphenyl	2.4E-15	8.1E-15	1.4E-14	2.0E-09	6.7E-10	3.8E-15
SVOCs						
1,2,4-trichlorobenzene				1.2E-08	3.9E-09	
1,2-dichlorobenzene	2.8E-18			2.6E-09	8.8E-10	
1,3-dichlorobenzene	6.9E-18			7.5E-09	2.5E-09	
1,4-dichlorobenzene	9.2E-17			9.3E-08	3.1E-08	
2,4-Dimethylphenol	2.5E-15			1.3E-06	4.3E-07	
2-Chlorophenol	1.3E-16			2.8E-07	9.4E-08	
2-Methylphenol	5.3E-14			3.2E-06	1.1E-06	
2-Nitrophenol	3.2E-16			4.3E-07	1.4E-07	
3-Methylphenol & 4-Methylphenol			1.5E-10	5.7E-06	1.9E-06	2.3E-14
4-Nitrophenol	6.5E-16			6.6E-07	2.2E-07	
Acetophenone	3.9E-15			6.6E-06	2.2E-06	
Benzoic acid	1.6E-14			3.1E-05	1.0E-05	
Benzyl alcohol	9.8E-18			1.9E-07	6.2E-08	
bis(2-Ethylhexyl) phthalate	4.9E-13	1.2E-10	2.9E-10	1.0E-05	3.4E-06	4.2E-14
Butyl benzyl phthalate	1.8E-13	6.6E-14	1.6E-13	3.4E-07	1.1E-07	2.3E-17
Carbazole			2.6E-13	4.1E-09	1.4E-09	3.8E-17

Table H-248 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibenzofuran		2.9E-15	2.3E-14	5.4E-07	1.8E-07	2.9E-14
Dimethyl phthalate	6.5E-17			8.1E-09	2.7E-09	
Di-n-butyl phthalate	1.7E-12	6.7E-14	1.6E-13	5.2E-07	1.7E-07	2.3E-17
Di-n-octyl phthalate	1.3E-17	8.7E-14	2.1E-13	1.6E-08	5.2E-09	3.0E-17
Hexachlorobutadiene	6.7E-15			1.1E-06	3.6E-07	
Phenol	1.5E-13			1.7E-05	5.7E-06	
Pyridine	7.7E-15			1.6E-06	5.4E-07	
TRS						
Total Reduced Sulfur				1.7E-05	5.8E-06	
VOCs						
1,1,1,2-Tetrachloroethane	2.7E-18			6.2E-09	2.1E-09	
1,1,1-Trichloroethane	1.8E-19			6.8E-09	2.3E-09	
1,1-Dichloroethene	6.0E-21			6.3E-10	2.1E-10	
1,2,3-Trichlorobenzene	1.9E-16			2.7E-08	9.0E-09	
1,2,3-Trichloropropane	1.1E-18			2.6E-09	8.8E-10	
1,2,4-Trimethylbenzene				2.7E-07	9.0E-08	
1,2-Dibromoethane	3.7E-19			1.7E-09	5.6E-10	
1,2-Dichloroethane	1.2E-17			1.4E-07	4.8E-08	
1,3,5-Trimethylbenzene	6.0E-17			2.4E-07	7.9E-08	
1,3-Dichloropropane				1.6E-09	5.4E-10	
2-Butanone	2.4E-15			1.8E-06	6.0E-07	
2-Chlorotoluene				8.3E-08	2.8E-08	

Table H-248 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Hexanone				3.3E-07	1.1E-07	
Benzene	2.0E-15			4.6E-05	1.5E-05	
Bromobenzene				9.1E-07	3.0E-07	
Bromochloromethane				2.1E-09	7.1E-10	
Bromodichloromethane	3.1E-19			2.3E-09	7.7E-10	
Bromomethane	1.3E-18			1.6E-07	5.2E-08	
Carbon disulfide	1.3E-18			1.3E-07	4.4E-08	
Carbon tetrachloride	1.3E-19			5.3E-09	1.8E-09	
Chlorobenzene	4.7E-17			2.3E-07	7.8E-08	
Chlorodibromomethane	1.8E-17			5.8E-08	1.9E-08	
Chloroethane	3.7E-18			4.3E-07	1.4E-07	
Chloroform	2.8E-18			5.2E-08	1.7E-08	
Chloromethane	9.8E-18			1.3E-06	4.3E-07	
cis-1,2-Dichloroethene	3.8E-18			9.7E-08	3.2E-08	
cis-1,3-Dichloropropene				5.9E-10	2.0E-10	
Dibromomethane	4.2E-19			5.0E-09	1.7E-09	
Dichlorodifluoromethane	4.7E-21			6.0E-09	2.0E-09	
Ethylbenzene	1.5E-15			1.0E-05	3.4E-06	
Isopropylbenzene	2.0E-18			7.4E-07	2.5E-07	
m&p-Xylene	2.4E-16			1.7E-06	5.6E-07	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	2.4E-18			8.7E-09	2.9E-09	
Methylene chloride	2.6E-17			9.0E-07	3.0E-07	

Table H-248 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Va pors Outdoors (ug/m3)
n-Butylbenzene				3.2E-07	1.1E-07	
n-Propylbenzene				4.2E-07	1.4E-07	
o-Xylene	2.8E-16			1.0E-06	3.5E-07	
p-Chlorotoluene				2.3E-08	7.6E-09	
p-Isopropyltoluene				1.3E-07	4.2E-08	
sec-Butylbenzene				5.9E-08	2.0E-08	
Styrene	9.4E-15			2.5E-05	8.5E-06	
tert-Butylbenzene				1.1E-06	3.7E-07	
Tetrachloroethene	6.6E-19			5.8E-09	1.9E-09	
Toluene	1.6E-15			1.7E-05	5.6E-06	
trans-1,2-Dichloroethene	5.9E-17			2.1E-06	6.9E-07	
trans-1,3-Dichloropropene				1.0E-09	3.4E-10	
Trichloroethene	6.8E-21			1.8E-10	5.9E-11	
Trichlorofluoromethane	1.0E-20			2.1E-09	7.1E-10	
Vinyl chloride	4.8E-19			1.6E-07	5.5E-08	

Table H-249 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			3.0E-04	3.7E-05	
Aldehydes					
Acetaldehyde			5.2E-04	6.5E-05	
Formaldehyde			2.0E+00	2.7E-05	
Propionaldehyde		8.0E-16	5.7E-05	7.1E-06	6.0E-12
CO					
Carbon monoxide			1.6E-02	2.0E-03	
CO2					
Carbon dioxide			5.0E-04	6.3E-05	
Criteria					
Sulfur Dioxide			1.4E-04	1.7E-05	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	4.4E-16	1.7E-15	3.0E-10	3.8E-11	8.6E-17
1,2,3,4,6,7,8-HpCDF	4.5E-16	1.8E-15	3.1E-10	3.8E-11	8.7E-17
1,2,3,4,7,8,9-HpCDF	5.2E-17	2.0E-16	3.9E-11	4.8E-12	9.9E-18
1,2,3,4,7,8-HxCDD	5.0E-17	2.0E-16	3.6E-11	4.5E-12	9.7E-18
1,2,3,4,7,8-HxCDF	4.0E-16	1.6E-15	3.0E-10	3.7E-11	7.7E-17
1,2,3,6,7,8-HxCDD	1.0E-16	4.0E-16	7.6E-11	9.6E-12	2.0E-17
1,2,3,6,7,8-HxCDF	1.3E-16	5.2E-16	9.6E-11	1.2E-11	2.5E-17
1,2,3,7,8,9-HxCDD	1.6E-16	6.4E-16	1.2E-10	1.4E-11	3.1E-17
1,2,3,7,8,9-HxCDF	9.4E-18	3.7E-17	7.4E-12	9.2E-13	1.8E-18

Table H-249 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	5.7E-17	2.2E-16	4.6E-11	5.8E-12	1.1E-17
1,2,3,7,8-PeCDF	6.7E-17	2.6E-16	6.6E-11	8.2E-12	1.3E-17
2,3,4,6,7,8-HxCDF	2.0E-16	8.1E-16	1.5E-10	1.9E-11	4.0E-17
2,3,4,7,8-PeCDF	1.6E-16	6.3E-16	1.5E-10	1.8E-11	3.1E-17
2,3,7,8-TCDD	1.2E-17	4.5E-17	1.9E-11	2.3E-12	1.5E-15
2,3,7,8-TCDF	2.1E-17	8.3E-17	6.8E-11	8.5E-12	4.1E-18
OCDD	3.0E-16	1.2E-15	2.0E-10	2.5E-11	5.8E-17
OCDF	1.2E-16	4.6E-16	7.5E-11	9.4E-12	2.2E-17
DNT					
2,4-Dinitrotoluene	1.4E-07	1.7E-07			8.3E-09
2,6-Dinitrotoluene	2.3E-07	2.7E-07			1.3E-08
HCN					
Hydrogen cyanide			5.7E-05	7.1E-06	
Metals					
Aluminum		2.8E-03			1.4E-04
Antimony		1.1E-07	3.7E-06	4.7E-07	5.3E-09
Arsenic	2.1E-07	5.0E-07	2.1E-07	2.7E-08	4.1E-08
Barium		9.7E-10	4.5E-05	5.6E-06	4.8E-11
Beryllium		3.7E-16	1.5E-08	1.9E-09	1.8E-17
Cadmium		2.9E-16	2.7E-07	3.4E-08	1.4E-17
Chromium		2.5E-11	2.3E-06	2.9E-07	1.2E-12
Cobalt		6.9E-06	3.5E-06	4.4E-07	3.4E-07

Table H-249 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Copper		1.0E-10	6.3E-06	7.9E-07	5.1E-12
Iron		6.1E-03			3.0E-04
Lead		3.7E-05	2.1E-06	2.7E-07	1.8E-06
Manganese		2.8E-13	1.9E-06	2.4E-07	1.4E-14
Mercury (+2)		1.1E-14	8.4E-09	1.1E-09	5.6E-16
Mercury, elemental		5.4E-09	3.5E-11	4.4E-12	1.0E-05
Methyl Mercury		6.8E-16			3.3E-17
Nickel		1.4E-04	1.2E-06	1.5E-07	7.0E-06
Phosphorus		2.7E-15	9.4E-06	1.2E-06	2.6E-11
Selenium		1.4E-17	6.2E-08	7.8E-09	7.1E-19
Silver		2.6E-13	4.1E-08	5.1E-09	1.3E-14
Thallium (Soluble Salts)		3.8E-08			1.9E-09
Titanium		2.9E-15	2.2E-08	2.7E-09	1.4E-16
Zinc		6.6E-14	4.9E-05	6.1E-06	3.2E-15
NOx					
NOx (Oxides of Nitrogen)			5.6E-04	7.0E-05	
PAHs					
1-Methylnaphthalene	8.5E-17	7.7E-17	1.2E-05	1.5E-06	8.8E-14
1-Methylphenanthrene		5.2E-14	1.4E-06	1.8E-07	2.5E-15
2,3,5-Trimethylnaphthalene		2.4E-14	7.0E-07	8.7E-08	1.2E-15
2,6-Dimethylnaphthalene		6.6E-14	1.8E-06	2.3E-07	3.3E-15
2-Methylnaphthalene	8.2E-17	7.5E-17	1.1E-05	1.4E-06	8.6E-14

Table H-249 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acenaphthylene		2.1E-13	6.7E-06	8.4E-07	1.0E-14
Acenaphthene			1.2E-06	1.5E-07	
Anthracene			2.2E-06	2.7E-07	
Benzo(a)anthracene	5.6E-08	5.0E-08	1.1E-06	1.3E-07	7.6E-07
Benzo(a)pyrene	9.4E-08	8.6E-08	4.2E-07	5.3E-08	4.2E-09
Benzo(b)fluoranthene	2.0E-07	1.8E-07	4.7E-07	5.9E-08	9.0E-09
Benzo(e)pyrene		1.2E-14	3.6E-07	4.5E-08	6.0E-16
Benzo(g,h,i)perylene		9.0E-15	2.7E-07	3.4E-08	4.4E-16
Benzo(k)fluoranthene	1.3E-08	1.2E-08	4.2E-09	5.2E-10	5.8E-10
Biphenyl		1.2E-15	4.0E-05	5.0E-06	7.0E-13
Chrysene	8.1E-08	7.3E-08	1.8E-06	2.3E-07	3.6E-09
Dibenze(a,h)anthracene	3.5E-09	3.2E-09	6.6E-08	8.3E-09	1.6E-10
Fluoranthene	2.3E-14	2.1E-14	2.7E-06	3.3E-07	1.0E-15
Fluorene			6.7E-06	8.4E-07	
Indeno(1,2,3-cd)pyrene	5.0E-08	4.6E-08	2.2E-07	2.7E-08	2.2E-09
Napthalene			5.3E-05	6.6E-06	
Perylene		4.7E-15	1.6E-07	2.1E-08	2.3E-16
Phenanthrene			1.3E-05	1.6E-06	
Pyrene	7.7E-14	7.0E-14	2.6E-06	3.3E-07	1.9E-12
Particulate					
Particulate Total Suspended Particulate		1.1E-09	8.4E-03	1.0E-03	5.2E-11
PM<10		1.4E-09	1.1E-02	1.4E-03	6.7E-11

Table H-249 (Lifetime Average Daily Dose)

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Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
PM<2.5		1.1E-09	9.4E-03	1.2E-03	5.6E-11
PCBs					
Dichlorobiphenyl	2.1E-16	1.7E-16	3.3E-08	4.1E-09	1.6E-14
Heptachlorobiphenyl	2.4E-17	2.0E-17	4.5E-10	5.7E-11	1.0E-15
Hexachlorobiphenyl	1.1E-16	9.1E-17	1.9E-09	2.4E-10	4.6E-15
Monochlorobiphenyl	1.4E-15	1.2E-15	2.3E-07	2.9E-08	1.1E-13
Nonachlorobiphenyl	4.2E-18	3.6E-18	6.4E-11	8.0E-12	1.8E-16
Octachlorobiphenyl	7.7E-18	6.5E-18	1.4E-10	1.7E-11	3.3E-16
Pentachlorobiphenyl	3.9E-16	3.3E-16	6.5E-09	8.1E-10	1.7E-14
Tetrachlorobiphenyl	7.9E-17	6.6E-17	1.1E-08	1.3E-09	6.2E-15
Trichlorobiphenyl	9.5E-17	8.0E-17	1.4E-08	1.7E-09	7.4E-15
Pesticides					
DDE		1.8E-08			5.8E-07
SVOCs					
1,2,4-trichlorobenzene			9.6E-08	1.2E-08	
1,2-dichlorobenzene			3.9E-08	4.9E-09	
1,3-Butadiene			1.1E-02		
1,3-dichlorobenzene			5.8E-08	7.2E-09	
1,4-dichlorobenzene			5.4E-07	6.8E-08	
1,4-Dioxane			2.6E-02		
2,4-Dimethylphenol			8.5E-06	1.1E-06	
2-Chlorophenol			1.7E-06	2.1E-07	

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Exposure Unit	03
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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Methylphenol			2.0E-05	2.5E-06	
2-Nitrophenol			2.7E-06	3.4E-07	
3-Methylphenol & 4-Methylphenol		1.3E-12	3.6E-05	4.5E-06	6.5E-14
4-Nitrophenol			4.5E-06	5.6E-07	
Acetophenone			4.2E-05	5.3E-06	
Benzoic acid			1.9E-04	2.4E-05	
Benzyl alcohol			1.6E-06	2.0E-07	
bis(2-Ethylhexyl) phthalate	2.4E-12	2.8E-12	6.8E-05	8.5E-06	1.4E-13
Butyl benzyl phthalate	1.2E-15	1.4E-15	2.1E-06	2.7E-07	6.7E-17
Carbazole		5.0E-15	6.0E-08	7.5E-09	2.5E-16
Dibenzofuran	5.1E-17	2.0E-16	3.4E-06	4.3E-07	8.6E-14
Dimethyl phthalate			1.2E-07	1.5E-08	
Di-n-butyl phthalate	1.2E-15	1.4E-15	3.3E-06	4.1E-07	6.7E-17
Di-n-octyl phthalate	3.4E-15	4.0E-15	2.3E-07	2.9E-08	1.9E-16
Hexachlorobutadiene			1.6E-05	2.0E-06	
Isopropanol			2.9E-01		
Phenol			1.1E-04	1.3E-05	
Pyridine			1.0E-05	1.3E-06	
TRS					
Total Reduced Sulfur			1.0E-04	1.3E-05	
VOCs					
1,1,1,2-Tetrachloroethane			4.8E-08	6.0E-09	

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Exposure Unit	03
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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,1,1-Trichloroethane			4.7E-08	5.9E-09	
1,1-Dichloroethene			9.3E-09	1.2E-09	
1,2,3-Trichlorobenzene			1.9E-07	2.4E-08	
1,2,3-Trichloropropane			3.9E-08	4.8E-09	
1,2,4-Trimethylbenzene			2.2E-06	2.8E-07	
1,2-Dibromoethane			2.5E-08	3.1E-09	
1,2-Dichloroethane			1.2E-02	3.6E-04	
1,3,5-Trimethylbenzene			2.1E-06	2.6E-07	
1,3-Dichloropropane			2.4E-08	3.0E-09	
2-Butanone			1.2E-05	1.5E-06	
2-Chlorotoluene			5.3E-07	6.6E-08	
2-Hexanone			2.4E-06	3.0E-07	
Benzene			3.0E-02	3.5E-03	
Bromobenzene			1.3E-05	1.7E-06	
Bromochloromethane			3.1E-08	3.9E-09	
Bromodichloromethane			3.4E-08	4.3E-09	
Bromomethane			1.4E-06	1.7E-07	
Carbon disulfide			1.2E-06	1.5E-07	
Carbon tetrachloride			5.3E-02	5.5E-03	
Chlorobenzene			1.7E-06	2.1E-07	
Chlorodibromomethane			8.5E-07	1.1E-07	
Chloroethane			3.3E-06	4.1E-07	

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Exposure Unit	03
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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Chloroform			9.0E-03	8.6E-04	
Chloromethane			1.1E-05	1.4E-06	
cis-1,2-Dichloroethene			1.4E-06	1.8E-07	
cis-1,3-Dichloropropene			8.7E-09	1.1E-09	
Dibromomethane			7.3E-08	9.1E-09	
Dichlorodifluoromethane			8.9E-08	1.1E-08	
Ethylbenzene			3.4E-02	8.7E-06	
Isopropylbenzene			5.6E-06	7.0E-07	
m&p-Xylene			1.3E-05	1.6E-06	
Methyl Isobutyl Ketone (4-methyl-2-penta			1.3E-07	1.6E-08	
Methylene chloride			6.4E-06	8.1E-07	
n-Butylbenzene			2.8E-06	3.5E-07	
n-Propylbenzene			3.3E-06	4.2E-07	
o-Xylene			8.2E-06	1.0E-06	
p-Chlorotoluene			2.0E-07	2.5E-08	
p-Isopropyltoluene			1.4E-06	1.7E-07	
sec-Butylbenzene			5.1E-07	6.4E-08	
Styrene			1.8E-04	2.3E-05	
tert-Butylbenzene			1.6E-05	2.0E-06	
Tetrachloroethene			4.3E-08	5.4E-09	
Toluene			1.1E-04	1.4E-05	
trans-1,2-Dichloroethene			3.0E-05	3.8E-06	

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Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
trans-1,3-Dichloropropene			1.5E-08	1.9E-09	
Trichloroethene			1.6E-03	3.2E-10	
Trichlorofluoromethane			3.1E-08	3.9E-09	
Vinyl chloride			1.8E-06	2.2E-07	

Table H-250 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			8.4E-07	1.0E-07	
Aldehydes					
Acetaldehyde			1.4E-06	1.8E-07	
Formaldehyde			5.7E-03	7.7E-08	
Propionaldehyde		2.2E-15	1.6E-07	2.0E-08	1.7E-14
CO					
Carbon monoxide			4.5E-05	5.6E-06	
CO2					
Carbon dioxide			1.4E-06	1.8E-07	
Criteria					
Sulfur Dioxide			3.8E-07	4.7E-08	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	2.2E-15	8.5E-15	8.5E-13	1.1E-13	4.2E-19
1,2,3,4,6,7,8-HpCDF	2.2E-15	8.6E-15	8.6E-13	1.1E-13	4.2E-19
1,2,3,4,7,8,9-HpCDF	2.5E-16	9.9E-16	1.1E-13	1.4E-14	4.8E-20
1,2,3,4,7,8-HxCDD	2.5E-16	9.7E-16	1.0E-13	1.3E-14	4.7E-20
1,2,3,4,7,8-HxCDF	2.0E-15	7.7E-15	8.3E-13	1.0E-13	3.8E-19
1,2,3,6,7,8-HxCDD	5.0E-16	2.0E-15	2.1E-13	2.7E-14	9.7E-20
1,2,3,6,7,8-HxCDF	6.4E-16	2.5E-15	2.7E-13	3.4E-14	1.2E-19
1,2,3,7,8,9-HxCDD	7.9E-16	3.1E-15	3.2E-13	4.1E-14	1.5E-19
1,2,3,7,8,9-HxCDF	4.6E-17	1.8E-16	2.1E-14	2.6E-15	8.8E-21

Table H-250 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	2.8E-16	1.1E-15	1.3E-13	1.6E-14	5.4E-20
1,2,3,7,8-PeCDF	3.3E-16	1.3E-15	1.8E-13	2.3E-14	6.3E-20
2,3,4,6,7,8-HxCDF	1.0E-15	3.9E-15	4.2E-13	5.2E-14	1.9E-19
2,3,4,7,8-PeCDF	7.8E-16	3.1E-15	4.1E-13	5.2E-14	1.5E-19
2,3,7,8-TCDD	5.5E-17	2.2E-16	5.2E-14	6.5E-15	7.4E-18
2,3,7,8-TCDF	1.0E-16	4.0E-16	1.9E-13	2.4E-14	2.0E-20
OCDD	1.5E-15	5.8E-15	5.6E-13	7.0E-14	2.8E-19
OCDF	5.7E-16	2.2E-15	2.1E-13	2.6E-14	1.1E-19
DNT					
2,4-Dinitrotoluene	4.0E-07	4.7E-07			2.3E-11
2,6-Dinitrotoluene	6.4E-07	7.6E-07			3.7E-11
HCN					
Hydrogen cyanide			1.6E-07	2.0E-08	
Metals					
Aluminum		7.9E-03			3.9E-07
Antimony		3.0E-07	1.0E-08	1.3E-09	1.5E-11
Arsenic	6.0E-07	1.4E-06	5.9E-10	7.4E-11	1.2E-10
Barium		4.4E-09	1.3E-07	1.6E-08	2.1E-13
Beryllium		1.0E-15	4.3E-11	5.4E-12	5.1E-20
Cadmium		8.2E-16	7.6E-10	9.5E-11	4.0E-20
Chromium		9.6E-11	6.5E-09	8.1E-10	4.7E-15
Cobalt		1.9E-05	9.8E-09	1.2E-09	9.5E-10

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Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Copper		4.5E-10	1.8E-08	2.2E-09	2.2E-14
Iron		1.7E-02			8.3E-07
Lead		1.0E-04	6.0E-09	7.5E-10	5.0E-09
Manganese		8.0E-13	5.5E-09	6.8E-10	3.9E-17
Mercury (+2)		6.4E-14	2.4E-11	2.9E-12	3.1E-18
Mercury, elemental		1.5E-08	9.8E-14	1.2E-14	2.9E-08
Methyl Mercury		3.8E-15			1.9E-19
Nickel		4.0E-04	3.5E-09	4.3E-10	2.0E-08
Phosphorus		7.5E-15	2.6E-08	3.3E-09	7.2E-14
Selenium		4.0E-17	1.7E-10	2.2E-11	2.0E-21
Silver		8.5E-13	1.1E-10	1.4E-11	4.2E-17
Thallium (Soluble Salts)		1.1E-07			5.2E-12
Titanium		8.0E-15	6.1E-11	7.6E-12	3.9E-19
Zinc		1.8E-13	1.4E-07	1.7E-08	9.0E-18
NOx					
NOx (Oxides of Nitrogen)			1.6E-06	2.0E-07	
PAHs					
1-Methylnaphthalene	2.4E-16	2.2E-16	3.3E-08	4.1E-09	2.5E-16
1-Methylphenanthrene		1.5E-13	3.9E-09	4.9E-10	7.1E-18
2,3,5-Trimethylnaphthalene		6.8E-14	1.9E-09	2.4E-10	3.3E-18
2,6-Dimethylnaphthalene		1.9E-13	5.1E-09	6.4E-10	9.1E-18
2-Methylnaphthalene	2.3E-16	2.1E-16	3.2E-08	4.0E-09	2.4E-16

Table H-250 (Average Daily Dose)

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Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acenaphthylene		6.0E-13	1.9E-08	2.4E-09	2.9E-17
Acenaphthene			3.5E-09	4.3E-10	
Anthracene			6.1E-09	7.6E-10	
Benzo(a)anthracene	1.6E-07	1.4E-07	3.0E-09	3.7E-10	2.1E-09
Benzo(a)pyrene	2.6E-07	2.4E-07	1.2E-09	1.5E-10	1.2E-11
Benzo(b)fluoranthene	5.7E-07	5.1E-07	1.3E-09	1.6E-10	2.5E-11
Benzo(e)pyrene		3.4E-14	1.0E-09	1.3E-10	1.7E-18
Benzo(g,h,i)perylene		2.5E-14	7.7E-10	9.6E-11	1.2E-18
Benzo(k)fluoranthene	3.6E-08	3.3E-08	1.2E-11	1.5E-12	1.6E-12
Biphenyl		3.3E-15	1.1E-07	1.4E-08	2.0E-15
Chrysene	2.3E-07	2.1E-07	5.1E-09	6.4E-10	1.0E-11
Dibenze(a,h)anthracene	9.9E-09	9.0E-09	1.9E-10	2.3E-11	4.4E-13
Fluoranthene	6.8E-14	6.1E-14	7.5E-09	9.4E-10	3.0E-18
Fluorene			1.9E-08	2.3E-09	
Indeno(1,2,3-cd)pyrene	1.4E-07	1.3E-07	6.2E-10	7.7E-11	6.3E-12
Napthalene			1.5E-07	1.9E-08	
Perylene		1.3E-14	4.6E-10	5.8E-11	6.5E-19
Phenanthrene			3.5E-08	4.4E-09	
Pyrene	2.8E-13	2.5E-13	7.3E-09	9.1E-10	7.1E-15
Particulate					
Particulate Total Suspended Particulate		3.0E-09	2.3E-05	2.9E-06	1.5E-13
PM<10		3.8E-09	3.1E-05	3.9E-06	1.9E-13

Table H-250 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
PM<2.5		3.2E-09	2.6E-05	3.3E-06	1.6E-13
PCBs					
Dichlorobiphenyl	9.9E-16	8.3E-16	9.3E-11	1.2E-11	7.8E-17
Heptachlorobiphenyl	1.2E-16	9.8E-17	1.3E-12	1.6E-13	5.0E-18
Hexachlorobiphenyl	5.2E-16	4.4E-16	5.3E-12	6.7E-13	2.3E-17
Monochlorobiphenyl	6.9E-15	5.8E-15	6.5E-10	8.1E-11	5.4E-16
Nonachlorobiphenyl	2.0E-17	1.7E-17	1.8E-13	2.2E-14	8.8E-19
Octachlorobiphenyl	3.8E-17	3.2E-17	3.9E-13	4.9E-14	1.6E-18
Pentachlorobiphenyl	1.9E-15	1.6E-15	1.8E-11	2.3E-12	8.1E-17
Tetrachlorobiphenyl	3.8E-16	3.2E-16	3.0E-11	3.8E-12	3.0E-17
Trichlorobiphenyl	4.5E-16	3.8E-16	3.8E-11	4.8E-12	3.6E-17
Pesticides					
DDE		5.1E-08			1.6E-09
SVOCs					
1,2,4-trichlorobenzene			2.7E-10	3.4E-11	
1,2-dichlorobenzene			1.1E-10	1.4E-11	
1,3-Butadiene			3.2E-05		
1,3-dichlorobenzene			1.6E-10	2.0E-11	
1,4-dichlorobenzene			1.5E-09	1.9E-10	
1,4-Dioxane			7.3E-05		
2,4-Dimethylphenol			2.4E-08	3.0E-09	
2-Chlorophenol			4.7E-09	5.9E-10	

Table H-250 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Methylphenol			5.6E-08	7.0E-09	
2-Nitrophenol			7.6E-09	9.4E-10	
3-Methylphenol & 4-Methylphenol		3.7E-12	1.0E-07	1.3E-08	1.8E-16
4-Nitrophenol			1.3E-08	1.6E-09	
Acetophenone			1.2E-07	1.5E-08	
Benzoic acid			5.4E-07	6.7E-08	
Benzyl alcohol			4.5E-09	5.6E-10	
bis(2-Ethylhexyl) phthalate	6.7E-12	8.0E-12	1.9E-07	2.4E-08	3.9E-16
Butyl benzyl phthalate	3.3E-15	3.8E-15	6.0E-09	7.5E-10	1.9E-19
Carbazole		1.4E-14	1.7E-10	2.1E-11	6.9E-19
Dibenzofuran	1.4E-16	5.7E-16	9.5E-09	1.2E-09	2.4E-16
Dimethyl phthalate			3.3E-10	4.2E-11	
Di-n-butyl phthalate	3.3E-15	3.9E-15	9.2E-09	1.1E-09	1.9E-19
Di-n-octyl phthalate	9.4E-15	1.1E-14	6.4E-10	8.0E-11	5.5E-19
Hexachlorobutadiene			4.4E-08	5.5E-09	
Isopropanol			8.2E-04		
Phenol			3.0E-07	3.8E-08	
Pyridine			2.9E-08	3.6E-09	
TRS					
Total Reduced Sulfur			2.9E-07	3.6E-08	
VOCs					
1,1,1,2-Tetrachloroethane			1.3E-10	1.7E-11	

Table H-250 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,1,1-Trichloroethane			1.3E-10	1.7E-11	
1,1-Dichloroethene			2.6E-11	3.2E-12	
1,2,3-Trichlorobenzene			5.3E-10	6.7E-11	
1,2,3-Trichloropropane			1.1E-10	1.4E-11	
1,2,4-Trimethylbenzene			6.2E-09	7.8E-10	
1,2-Dibromoethane			6.9E-11	8.6E-12	
1,2-Dichloroethane			3.4E-05	1.0E-06	
1,3,5-Trimethylbenzene			5.9E-09	7.3E-10	
1,3-Dichloropropane			6.7E-11	8.4E-12	
2-Butanone			3.3E-08	4.1E-09	
2-Chlorotoluene			1.5E-09	1.8E-10	
2-Hexanone			6.8E-09	8.4E-10	
Benzene			8.4E-05	9.7E-06	
Bromobenzene			3.7E-08	4.7E-09	
Bromochloromethane			8.8E-11	1.1E-11	
Bromodichloromethane			9.5E-11	1.2E-11	
Bromomethane			3.8E-09	4.8E-10	
Carbon disulfide			3.3E-09	4.2E-10	
Carbon tetrachloride			1.5E-04	1.5E-05	
Chlorobenzene			4.8E-09	6.0E-10	
Chlorodibromomethane			2.4E-09	3.0E-10	
Chloroethane			9.1E-09	1.1E-09	

Table H-250 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Chloroform			2.5E-05	2.4E-06	
Chloromethane			3.1E-08	3.9E-09	
cis-1,2-Dichloroethene			4.0E-09	5.0E-10	
cis-1,3-Dichloropropene			2.4E-11	3.0E-12	
Dibromomethane			2.0E-10	2.5E-11	
Dichlorodifluoromethane			2.5E-10	3.1E-11	
Ethylbenzene			9.6E-05	2.4E-08	
Isopropylbenzene			1.6E-08	2.0E-09	
m&p-Xylene			3.6E-08	4.6E-09	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.6E-10	4.5E-11	
Methylene chloride			1.8E-08	2.3E-09	
n-Butylbenzene			7.8E-09	9.7E-10	
n-Propylbenzene			9.4E-09	1.2E-09	
o-Xylene			2.3E-08	2.9E-09	
p-Chlorotoluene			5.5E-10	6.9E-11	
p-Isopropyltoluene			3.8E-09	4.8E-10	
sec-Butylbenzene			1.4E-09	1.8E-10	
Styrene			5.1E-07	6.4E-08	
tert-Butylbenzene			4.6E-08	5.7E-09	
Tetrachloroethene			1.2E-10	1.5E-11	
Toluene			3.2E-07	3.9E-08	
trans-1,2-Dichloroethene			8.4E-08	1.1E-08	

Table H-250 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
trans-1,3-Dichloropropene			4.2E-11	5.3E-12	
Trichloroethene			4.6E-06	9.1E-13	
Trichlorofluoromethane			8.7E-11	1.1E-11	
Vinyl chloride			5.0E-09	6.2E-10	

Table H-251 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.0E-04	1.1E-02	3.7E-05	3.5E-03		
Aldehydes											
Acetaldehyde	3.3E-14					5.2E-04	1.9E-02	6.5E-05	6.2E-03		
Formaldehyde	1.6E-13					2.0E+00	7.3E-03	2.7E-05	2.4E-03		
Propionaldehyde				8.0E-16	2.6E-14	5.7E-05	2.1E-03	7.1E-06	6.9E-04	6.0E-12	4.2E-10
CO											
Carbon monoxide						1.6E-02	6.0E-01	2.0E-03	2.0E-01		
CO2											
Carbon dioxide						5.0E-04	1.8E-02	6.3E-05	6.0E-03		
Criteria											
Sulfur Dioxide						1.4E-04	4.4E-03	1.7E-05	1.5E-03		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	4.4E-19	4.4E-16	8.3E-15	1.7E-15	6.6E-14	3.0E-10	1.2E-08	3.8E-11	4.0E-09	8.6E-17	7.1E-15
1,2,3,4,6,7,8-HpCDF	4.3E-19	4.5E-16	8.3E-15	1.8E-15	6.6E-14	3.1E-10	1.2E-08	3.8E-11	4.0E-09	8.7E-17	7.1E-15
1,2,3,4,7,8,9-HpCDF	6.5E-20	5.2E-17	1.0E-15	2.0E-16	7.9E-15	3.9E-11	1.6E-09	4.8E-12	5.3E-10	9.9E-18	8.5E-16
1,2,3,4,7,8-HxCDD	5.0E-19	5.0E-17	9.7E-16	2.0E-16	7.7E-15	3.6E-11	1.5E-09	4.5E-12	4.9E-10	9.7E-18	8.3E-16
1,2,3,4,7,8-HxCDF	3.4E-18	4.0E-16	7.7E-15	1.6E-15	6.1E-14	3.0E-10	1.2E-08	3.7E-11	4.0E-09	7.7E-17	6.6E-15
1,2,3,6,7,8-HxCDD	9.5E-19	1.0E-16	2.0E-15	4.0E-16	1.6E-14	7.6E-11	3.1E-09	9.6E-12	1.0E-09	2.0E-17	1.7E-15
1,2,3,6,7,8-HxCDF	1.3E-18	1.3E-16	2.5E-15	5.2E-16	2.0E-14	9.6E-11	3.9E-09	1.2E-11	1.3E-09	2.5E-17	2.2E-15
1,2,3,7,8,9-HxCDD	1.4E-18	1.6E-16	3.1E-15	6.4E-16	2.5E-14	1.2E-10	4.7E-09	1.4E-11	1.6E-09	3.1E-17	2.7E-15
1,2,3,7,8,9-HxCDF	1.0E-19	9.4E-18	1.8E-16	3.7E-17	1.4E-15	7.4E-12	3.0E-10	9.2E-13	1.0E-10	1.8E-18	1.6E-16
1,2,3,7,8-PeCDD	2.6E-18	5.7E-17	1.1E-15	2.2E-16	8.8E-15	4.6E-11	1.9E-09	5.8E-12	6.3E-10	1.1E-17	9.5E-16
1,2,3,7,8-PeCDF	3.7E-18	6.7E-17	1.3E-15	2.6E-16	1.0E-14	6.6E-11	2.7E-09	8.2E-12	9.0E-10	1.3E-17	1.1E-15

Table H-251 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	1.8E-18	2.0E-16	3.9E-15	8.1E-16	3.0E-14	1.5E-10	5.9E-09	1.9E-11	2.0E-09	4.0E-17	3.3E-15
2,3,4,7,8-PeCDF	5.8E-18	1.6E-16	3.1E-15	6.3E-16	2.5E-14	1.5E-10	6.0E-09	1.8E-11	2.0E-09	3.1E-17	2.7E-15
2,3,7,8-TCDD	8.9E-19	1.2E-17	1.7E-16	4.5E-17	1.3E-15	1.9E-11	6.2E-10	2.3E-12	2.1E-10	1.5E-15	9.8E-14
2,3,7,8-TCDF	2.9E-18	2.1E-17	4.2E-16	8.3E-17	3.3E-15	6.8E-11	2.8E-09	8.5E-12	9.3E-10	4.1E-18	3.6E-16
OCDD	5.9E-21	3.0E-16	5.5E-15	1.2E-15	4.4E-14	2.0E-10	7.9E-09	2.5E-11	2.6E-09	5.8E-17	4.7E-15
OCDF	2.2E-21	1.2E-16	2.1E-15	4.6E-16	1.6E-14	7.5E-11	2.9E-09	9.4E-12	9.8E-10	2.2E-17	1.8E-15
DNT											
2,4-Dinitrotoluene		1.4E-07		1.7E-07						8.3E-09	
2,6-Dinitrotoluene		2.3E-07		2.7E-07						1.3E-08	
HCN											
Hydrogen cyanide						5.7E-05	2.2E-03	7.1E-06	7.3E-04		
Metals											
Aluminum				2.8E-03						1.4E-04	
Antimony	5.6E-18			1.1E-07		3.7E-06	9.2E-05	4.7E-07	3.1E-05	5.3E-09	
Arsenic	2.9E-16	2.1E-07	1.7E-17	5.0E-07	8.1E-17	2.1E-07	7.5E-06	2.7E-08	2.5E-06	4.1E-08	1.5E-17
Barium	7.7E-13			9.7E-10	3.4E-08	4.5E-05	1.2E-03	5.6E-06	4.0E-04	4.8E-11	3.6E-09
Beryllium	1.2E-17			3.7E-16	1.4E-14	1.5E-08	5.2E-07	1.9E-09	1.7E-07	1.8E-17	1.5E-15
Cadmium	3.0E-15			2.9E-16	1.1E-14	2.7E-07	9.4E-06	3.4E-08	3.1E-06	1.4E-17	1.2E-15
Chromium	8.7E-16			2.5E-11	9.9E-10	2.3E-06	8.3E-05	2.9E-07	2.8E-05	1.2E-12	1.1E-10
Cobalt				6.9E-06	3.1E-09	3.5E-06	6.4E-05	4.4E-07	2.1E-05	3.4E-07	3.4E-10
Copper				1.0E-10	3.9E-09	6.3E-06	2.2E-04	7.9E-07	7.2E-05	5.1E-12	4.3E-10
Iron				6.1E-03						3.0E-04	
Lead	2.5E-18			3.7E-05	1.4E-12	2.1E-06	7.0E-05	2.7E-07	2.3E-05	1.8E-06	1.5E-13
Manganese				2.8E-13	1.1E-11	1.9E-06	6.7E-05	2.4E-07	2.2E-05	1.4E-14	1.2E-12

Table H-251 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				1.1E-14	3.5E-13	8.4E-09	3.0E-07	1.1E-09	9.9E-08	5.6E-16	3.8E-14
Mercury, elemental				5.4E-09		3.5E-11	1.2E-09	4.4E-12	4.1E-10	1.0E-05	
Methyl Mercury	3.0E-15			6.8E-16	2.6E-14					3.3E-17	2.8E-15
Nickel	1.2E-15			1.4E-04	5.5E-14	1.2E-06	4.3E-05	1.5E-07	1.4E-05	7.0E-06	6.0E-15
Phosphorus				2.7E-15	9.9E-14	9.4E-06	3.1E-04	1.2E-06	1.0E-04	2.6E-11	2.1E-09
Selenium	9.9E-17			1.4E-17	5.5E-16	6.2E-08	2.2E-06	7.8E-09	7.3E-07	7.1E-19	6.0E-17
Silver	7.1E-17			2.6E-13	9.9E-12	4.1E-08	1.3E-06	5.1E-09	4.5E-07	1.3E-14	1.1E-12
Thallium (Soluble Salts)				3.8E-08						1.9E-09	
Titanium				2.9E-15	1.2E-13	2.2E-08	8.1E-07	2.7E-09	2.7E-07	1.4E-16	1.2E-14
Zinc	1.5E-12			6.6E-14	2.3E-12	4.9E-05	1.4E-03	6.1E-06	4.7E-04	3.2E-15	2.5E-13
NOx											
NOx (Oxides of Nitrogen)						5.6E-04	1.9E-02	7.0E-05	6.2E-03		
PAHs											
1-Methylnaphthalene		8.5E-17	1.7E-15	7.7E-17	3.2E-15	1.2E-05	4.9E-04	1.5E-06	1.6E-04	8.8E-14	7.9E-12
1-Methylphenanthrene				5.2E-14	2.1E-12	1.4E-06	5.9E-05	1.8E-07	2.0E-05	2.5E-15	2.3E-13
2,3,5-Trimethylnaphthalene				2.4E-14	1.1E-12	7.0E-07	3.0E-05	8.7E-08	1.0E-05	1.2E-15	1.1E-13
2,6-Dimethylnaphthalene				6.6E-14	2.8E-12	1.8E-06	7.8E-05	2.3E-07	2.6E-05	3.3E-15	3.0E-13
2-Methylnaphthalene		8.2E-17	1.7E-15	7.5E-17	3.1E-15	1.1E-05	4.8E-04	1.4E-06	1.6E-04	8.6E-14	7.8E-12
Acenaphthylene				2.1E-13	9.0E-12	6.7E-06	2.9E-04	8.4E-07	9.5E-05	1.0E-14	9.7E-13
Acenaphthene	1.2E-15					1.2E-06	5.2E-05	1.5E-07	1.7E-05		
Anthracene	1.5E-14					2.2E-06	9.2E-05	2.7E-07	3.1E-05		
Benzo(a)anthracene	2.2E-12	5.6E-08	1.4E-11	5.0E-08	2.6E-11	1.1E-06	4.6E-05	1.3E-07	1.5E-05	7.6E-07	8.7E-10
Benzo(a)pyrene	1.1E-12	9.4E-08	6.1E-12	8.6E-08	1.1E-11	4.2E-07	1.8E-05	5.3E-08	5.9E-06	4.2E-09	1.2E-12
Benzo(b)fluoranthene	3.0E-13	2.0E-07	3.3E-13	1.8E-07	6.0E-13	4.7E-07	1.9E-05	5.9E-08	6.3E-06	9.0E-09	6.5E-14

Table H-251 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				1.2E-14	4.8E-13	3.6E-07	1.5E-05	4.5E-08	4.9E-06	6.0E-16	5.2E-14
Benzo(g,h,i)perylene				9.0E-15	3.6E-13	2.7E-07	1.1E-05	3.4E-08	3.8E-06	4.4E-16	3.9E-14
Benzo(k)fluoranthene	2.4E-15	1.3E-08	2.0E-13	1.2E-08	3.6E-13	4.2E-09	7.4E-08	5.2E-10	2.5E-08	5.8E-10	3.8E-14
Biphenyl				1.2E-15	5.0E-14	4.0E-05	1.7E-03	5.0E-06	5.6E-04	7.0E-13	6.4E-11
Chrysene	3.8E-13	8.1E-08	1.7E-11	7.3E-08	3.1E-11	1.8E-06	7.6E-05	2.3E-07	2.5E-05	3.6E-09	3.4E-12
Dibenze(a,h)anthracene	5.5E-14	3.5E-09	2.1E-12	3.2E-09	3.9E-12	6.6E-08	2.7E-06	8.3E-09	9.1E-07	1.6E-10	4.2E-13
Fluoranthene	9.9E-14	2.3E-14	4.6E-13	2.1E-14	8.4E-13	2.7E-06	1.1E-04	3.3E-07	3.7E-05	1.0E-15	9.1E-14
Fluorene	2.2E-14					6.7E-06	2.8E-04	8.4E-07	9.4E-05		
Indeno(1,2,3-cd)pyrene	1.4E-13	5.0E-08	5.9E-12	4.6E-08	1.1E-11	2.2E-07	9.1E-06	2.7E-08	3.0E-06	2.2E-09	1.2E-12
Napthalene	1.0E-14					5.3E-05	2.2E-03	6.6E-06	7.4E-04		
Perylene				4.7E-15	2.2E-13	1.6E-07	7.3E-06	2.1E-08	2.4E-06	2.3E-16	2.4E-14
Phenanthrene	1.0E-13					1.3E-05	5.2E-04	1.6E-06	1.7E-04		
Pyrene	7.2E-14	7.7E-14	1.6E-12	7.0E-14	2.9E-12	2.6E-06	1.1E-04	3.3E-07	3.6E-05	1.9E-12	1.8E-10
Particulate											
Particulate Total Suspended Particulate				1.1E-09	4.4E-08	8.4E-03	3.2E-01	1.0E-03	1.1E-01	5.2E-11	4.7E-09
PM<10				1.4E-09	5.7E-08	1.1E-02	4.3E-01	1.4E-03	1.4E-01	6.7E-11	6.1E-09
PM<2.5				1.1E-09	4.8E-08	9.4E-03	3.7E-01	1.2E-03	1.2E-01	5.6E-11	5.1E-09
PCBs											
Dichlorobiphenyl	2.2E-15	2.1E-16	4.1E-15	1.7E-16	6.9E-15	3.3E-08	1.4E-06	4.1E-09	4.5E-07	1.6E-14	1.4E-12
Heptachlorobiphenyl	8.2E-17	2.4E-17	4.6E-16	2.0E-17	7.8E-16	4.5E-10	1.8E-08	5.7E-11	6.1E-09	1.0E-15	8.7E-14
Hexachlorobiphenyl	3.3E-16	1.1E-16	1.9E-15	9.1E-17	3.3E-15	1.9E-09	7.4E-08	2.4E-10	2.5E-08	4.6E-15	3.7E-13
Monochlorobiphenyl	1.5E-14	1.4E-15	2.9E-14	1.2E-15	4.8E-14	2.3E-07	9.5E-06	2.9E-08	3.2E-06	1.1E-13	9.9E-12
Nonachlorobiphenyl	1.0E-17	4.2E-18	6.5E-17	3.6E-18	1.1E-16	6.4E-11	2.3E-09	8.0E-12	7.6E-10	1.8E-16	1.2E-14
Octachlorobiphenyl	2.4E-17	7.7E-18	1.4E-16	6.5E-18	2.4E-16	1.4E-10	5.4E-09	1.7E-11	1.8E-09	3.3E-16	2.7E-14

Table H-251 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	1.1E-15	3.9E-16	6.6E-15	3.3E-16	1.1E-14	6.5E-09	2.5E-07	8.1E-10	8.2E-08	1.7E-14	1.3E-12
Tetrachlorobiphenyl	6.5E-16	7.9E-17	1.3E-15	6.6E-17	2.2E-15	1.1E-08	4.0E-07	1.3E-09	1.3E-07	6.2E-15	4.6E-13
Trichlorobiphenyl	8.5E-16	9.5E-17	1.7E-15	8.0E-17	2.8E-15	1.4E-08	5.3E-07	1.7E-09	1.8E-07	7.4E-15	5.9E-13
Pesticides											
DDE				1.8E-08						5.8E-07	
SVOCs											
1,2,4-trichlorobenzene						9.6E-08	3.1E-06	1.2E-08	1.0E-06		
1,2-dichlorobenzene	9.8E-19					3.9E-08	6.9E-07	4.9E-09	2.3E-07		
1,3-Butadiene						1.1E-02					
1,3-dichlorobenzene	2.5E-18					5.8E-08	2.0E-06	7.2E-09	6.6E-07		
1,4-dichlorobenzene	3.3E-17					5.4E-07	2.4E-05	6.8E-08	8.1E-06		
1,4-Dioxane						2.6E-02					
2,4-Dimethylphenol	9.0E-16					8.5E-06	3.4E-04	1.1E-06	1.1E-04		
2-Chlorophenol	4.6E-17					1.7E-06	7.4E-05	2.1E-07	2.5E-05		
2-Methylphenol	1.9E-14					2.0E-05	8.4E-04	2.5E-06	2.8E-04		
2-Nitrophenol	1.1E-16					2.7E-06	1.1E-04	3.4E-07	3.7E-05		
3-Methylphenol & 4-Methylphenol				1.3E-12	5.5E-11	3.6E-05	1.5E-03	4.5E-06	5.0E-04	6.5E-14	5.9E-12
4-Nitrophenol	2.3E-16					4.5E-06	1.7E-04	5.6E-07	5.8E-05		
Acetophenone	1.4E-15					4.2E-05	1.7E-03	5.3E-06	5.8E-04		
Benzoic acid	5.7E-15					1.9E-04	8.0E-03	2.4E-05	2.7E-03		
Benzyl alcohol	3.5E-18					1.6E-06	4.9E-05	2.0E-07	1.6E-05		
bis(2-Ethylhexyl) phthalate	1.8E-13	2.4E-12	4.3E-11	2.8E-12	1.0E-10	6.8E-05	2.6E-03	8.5E-06	8.8E-04	1.4E-13	1.1E-11
Butyl benzyl phthalate	6.3E-14	1.2E-15	2.4E-14	1.4E-15	5.6E-14	2.1E-06	8.9E-05	2.7E-07	3.0E-05	6.7E-17	6.1E-15
Carbazole				5.0E-15	9.3E-14	6.0E-08	1.1E-06	7.5E-09	3.6E-07	2.5E-16	1.0E-14

Table H-251 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Dibenzofuran		5.1E-17	1.0E-15	2.0E-16	8.1E-15	3.4E-06	1.4E-04	4.3E-07	4.7E-05	8.6E-14	7.6E-12
Dimethyl phthalate	2.3E-17					1.2E-07	2.1E-06	1.5E-08	7.1E-07		
Di-n-butyl phthalate	6.0E-13	1.2E-15	2.4E-14	1.4E-15	5.6E-14	3.3E-06	1.4E-04	4.1E-07	4.5E-05	6.7E-17	6.1E-15
Di-n-octyl phthalate	4.5E-18	3.4E-15	3.1E-14	4.0E-15	7.3E-14	2.3E-07	4.1E-06	2.9E-08	1.4E-06	1.9E-16	7.9E-15
Hexachlorobutadiene	2.4E-15					1.6E-05	2.8E-04	2.0E-06	9.4E-05		
Isopropanol						2.9E-01					
Phenol	5.3E-14					1.1E-04	4.5E-03	1.3E-05	1.5E-03		
Pyridine	2.7E-15					1.0E-05	4.2E-04	1.3E-06	1.4E-04		
TRS											
Total Reduced Sulfur						1.0E-04	4.5E-03	1.3E-05	1.5E-03		
VOCs											
1,1,1,2-Tetrachloroethane	9.6E-19					4.8E-08	1.6E-06	6.0E-09	5.4E-07		
1,1,1-Trichloroethane	6.3E-20					4.7E-08	1.8E-06	5.9E-09	5.9E-07		
1,1-Dichloroethene	2.1E-21					9.3E-09	1.7E-07	1.2E-09	5.5E-08		
1,2,3-Trichlorobenzene	6.7E-17					1.9E-07	7.1E-06	2.4E-08	2.4E-06		
1,2,3-Trichloropropane	3.9E-19					3.9E-08	6.9E-07	4.8E-09	2.3E-07		
1,2,4-Trimethylbenzene						2.2E-06	7.1E-05	2.8E-07	2.4E-05		
1,2-Dibromoethane	1.3E-19					2.5E-08	4.4E-07	3.1E-09	1.5E-07		
1,2-Dichloroethane	4.2E-18					1.2E-02	3.7E-05	3.6E-04	1.2E-05		
1,3,5-Trimethylbenzene	2.2E-17					2.1E-06	6.2E-05	2.6E-07	2.1E-05		
1,3-Dichloropropane						2.4E-08	4.3E-07	3.0E-09	1.4E-07		
2-Butanone	8.7E-16					1.2E-05	4.7E-04	1.5E-06	1.6E-04		
2-Chlorotoluene						5.3E-07	2.2E-05	6.6E-08	7.2E-06		
2-Hexanone						2.4E-06	8.8E-05	3.0E-07	2.9E-05		

Table H-251 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzene	7.0E-16					3.0E-02	1.2E-02	3.5E-03	4.1E-03		
Bromobenzene						1.3E-05	2.4E-04	1.7E-06	7.9E-05		
Bromochloromethane						3.1E-08	5.6E-07	3.9E-09	1.9E-07		
Bromodichloromethane	1.1E-19					3.4E-08	6.1E-07	4.3E-09	2.0E-07		
Bromomethane	4.8E-19					1.4E-06	4.1E-05	1.7E-07	1.4E-05		
Carbon disulfide	4.5E-19					1.2E-06	3.5E-05	1.5E-07	1.2E-05		
Carbon tetrachloride	4.8E-20					5.3E-02	1.4E-06	5.5E-03	4.6E-07		
Chlorobenzene	1.7E-17					1.7E-06	6.1E-05	2.1E-07	2.0E-05		
Chlorodibromomethane	6.5E-18					8.5E-07	1.5E-05	1.1E-07	5.0E-06		
Chloroethane	1.3E-18					3.3E-06	1.1E-04	4.1E-07	3.8E-05		
Chloroform	1.0E-18					9.0E-03	1.4E-05	8.6E-04	4.5E-06		
Chloromethane	3.5E-18					1.1E-05	3.3E-04	1.4E-06	1.1E-04		
cis-1,2-Dichloroethene	1.4E-18					1.4E-06	2.5E-05	1.8E-07	8.4E-06		
cis-1,3-Dichloropropene						8.7E-09	1.6E-07	1.1E-09	5.2E-08		
Dibromomethane	1.5E-19					7.3E-08	1.3E-06	9.1E-09	4.3E-07		
Dichlorodifluoromethane	1.7E-21					8.9E-08	1.6E-06	1.1E-08	5.3E-07		
Ethylbenzene	5.3E-16					3.4E-02	2.6E-03	8.7E-06	8.8E-04		
Isopropylbenzene	7.0E-19					5.6E-06	1.9E-04	7.0E-07	6.4E-05		
m&p-Xylene	8.4E-17					1.3E-05	4.4E-04	1.6E-06	1.5E-04		
Methyl Isobutyl Ketone (4-methyl-2-per	8.6E-19					1.3E-07	2.3E-06	1.6E-08	7.6E-07		
Methylene chloride	9.3E-18					6.4E-06	2.4E-04	8.1E-07	7.9E-05		
n-Butylbenzene						2.8E-06	8.3E-05	3.5E-07	2.8E-05		
n-Propylbenzene						3.3E-06	1.1E-04	4.2E-07	3.7E-05		
o-Xylene	9.9E-17					8.2E-06	2.7E-04	1.0E-06	9.1E-05		

Table H-251 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
p-Chlorotoluene						2.0E-07	6.0E-06	2.5E-08	2.0E-06		
p-Isopropyltoluene						1.4E-06	3.3E-05	1.7E-07	1.1E-05		
sec-Butylbenzene						5.1E-07	1.5E-05	6.4E-08	5.1E-06		
Styrene	3.3E-15					1.8E-04	6.7E-03	2.3E-05	2.2E-03		
tert-Butylbenzene						1.6E-05	2.9E-04	2.0E-06	9.7E-05		
Tetrachloroethene	2.4E-19					4.3E-08	1.5E-06	5.4E-09	5.0E-07		
Toluene	5.6E-16					1.1E-04	4.4E-03	1.4E-05	1.5E-03		
trans-1,2-Dichloroethene	2.1E-17					3.0E-05	5.4E-04	3.8E-06	1.8E-04		
trans-1,3-Dichloropropene						1.5E-08	2.7E-07	1.9E-09	9.0E-08		
Trichloroethene	2.4E-21					1.6E-03	4.6E-08	3.2E-10	1.5E-08		
Trichlorofluoromethane	3.7E-21					3.1E-08	5.6E-07	3.9E-09	1.9E-07		
Vinyl chloride	1.7E-19					1.8E-06	4.3E-05	2.2E-07	1.4E-05		

Table H-252 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	3.0E-05	1.0E-07	9.9E-06		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	5.2E-05	1.8E-07	1.7E-05		
Formaldehyde	4.5E-13					5.7E-03	2.0E-05	7.7E-08	6.8E-06		
Propionaldehyde				2.2E-15	7.2E-14	1.6E-07	5.8E-06	2.0E-08	1.9E-06	1.7E-14	1.2E-12
CO											
Carbon monoxide						4.5E-05	1.7E-03	5.6E-06	5.6E-04		
CO2											
Carbon dioxide						1.4E-06	5.0E-05	1.8E-07	1.7E-05		
Criteria											
Sulfur Dioxide						3.8E-07	1.2E-05	4.7E-08	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	4.0E-14	8.5E-15	3.2E-13	8.5E-13	3.4E-11	1.1E-13	1.1E-11	4.2E-19	3.4E-17
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	4.1E-14	8.6E-15	3.2E-13	8.6E-13	3.4E-11	1.1E-13	1.1E-11	4.2E-19	3.5E-17
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	4.9E-15	9.9E-16	3.9E-14	1.1E-13	4.4E-12	1.4E-14	1.5E-12	4.8E-20	4.2E-18
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	4.7E-15	9.7E-16	3.7E-14	1.0E-13	4.1E-12	1.3E-14	1.4E-12	4.7E-20	4.0E-18
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	3.8E-14	7.7E-15	3.0E-13	8.3E-13	3.3E-11	1.0E-13	1.1E-11	3.8E-19	3.2E-17
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	9.7E-15	2.0E-15	7.7E-14	2.1E-13	8.7E-12	2.7E-14	2.9E-12	9.7E-20	8.3E-18
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	1.2E-14	2.5E-15	9.8E-14	2.7E-13	1.1E-11	3.4E-14	3.6E-12	1.2E-19	1.1E-17
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.5E-14	3.1E-15	1.2E-13	3.2E-13	1.3E-11	4.1E-14	4.4E-12	1.5E-19	1.3E-17
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	8.9E-16	1.8E-16	7.1E-15	2.1E-14	8.4E-13	2.6E-15	2.8E-13	8.8E-21	7.6E-19
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	5.4E-15	1.1E-15	4.3E-14	1.3E-13	5.3E-12	1.6E-14	1.8E-12	5.4E-20	4.6E-18
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	6.4E-15	1.3E-15	5.1E-14	1.8E-13	7.5E-12	2.3E-14	2.5E-12	6.3E-20	5.5E-18

Table H-252 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.9E-14	3.9E-15	1.5E-13	4.2E-13	1.7E-11	5.2E-14	5.6E-12	1.9E-19	1.6E-17
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.5E-14	3.1E-15	1.2E-13	4.1E-13	1.7E-11	5.2E-14	5.6E-12	1.5E-19	1.3E-17
2,3,7,8-TCDD	2.7E-18	5.5E-17	8.0E-16	2.2E-16	6.3E-15	5.2E-14	1.7E-12	6.5E-15	5.8E-13	7.4E-18	4.7E-16
2,3,7,8-TCDF	8.2E-18	1.0E-16	2.0E-15	4.0E-16	1.6E-14	1.9E-13	7.8E-12	2.4E-14	2.6E-12	2.0E-20	1.7E-18
OCDD	2.5E-20	1.5E-15	2.7E-14	5.8E-15	2.1E-13	5.6E-13	2.2E-11	7.0E-14	7.4E-12	2.8E-19	2.3E-17
OCDF	9.3E-21	5.7E-16	1.0E-14	2.2E-15	8.0E-14	2.1E-13	8.2E-12	2.6E-14	2.7E-12	1.1E-19	8.6E-18
DNT											
2,4-Dinitrotoluene		4.0E-07		4.7E-07						2.3E-11	
2,6-Dinitrotoluene		6.4E-07		7.6E-07						3.7E-11	
HCN											
Hydrogen cyanide						1.6E-07	6.2E-06	2.0E-08	2.1E-06		
Metals											
Aluminum				7.9E-03						3.9E-07	
Antimony	1.6E-17			3.0E-07		1.0E-08	2.6E-07	1.3E-09	8.6E-08	1.5E-11	
Arsenic	8.1E-16	6.0E-07	4.8E-17	1.4E-06	2.3E-16	5.9E-10	2.1E-08	7.4E-11	7.0E-09	1.2E-10	4.1E-20
Barium	2.7E-12			4.4E-09	1.5E-07	1.3E-07	3.4E-06	1.6E-08	1.1E-06	2.1E-13	1.6E-11
Beryllium	3.3E-17			1.0E-15	3.9E-14	4.3E-11	1.5E-09	5.4E-12	4.8E-10	5.1E-20	4.3E-18
Cadmium	8.3E-15			8.2E-16	3.1E-14	7.6E-10	2.6E-08	9.5E-11	8.8E-09	4.0E-20	3.4E-18
Chromium	2.8E-15			9.6E-11	3.7E-09	6.5E-09	2.3E-07	8.1E-10	7.7E-08	4.7E-15	4.0E-13
Cobalt				1.9E-05	1.4E-08	9.8E-09	1.8E-07	1.2E-09	6.0E-08	9.5E-10	1.5E-12
Copper				4.5E-10	1.7E-08	1.8E-08	6.1E-07	2.2E-09	2.0E-07	2.2E-14	1.8E-12
Iron				1.7E-02						8.3E-07	
Lead	6.9E-18			1.0E-04	3.8E-12	6.0E-09	2.0E-07	7.5E-10	6.5E-08	5.0E-09	4.1E-16
Manganese				8.0E-13	3.1E-11	5.5E-09	1.9E-07	6.8E-10	6.3E-08	3.9E-17	3.3E-15

Table H-252 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				6.4E-14	2.0E-12	2.4E-11	8.3E-10	2.9E-12	2.8E-10	3.1E-18	2.1E-16
Mercury, elemental				1.5E-08		9.8E-14	3.5E-12	1.2E-14	1.2E-12	2.9E-08	
Methyl Mercury	1.3E-14			3.8E-15	1.5E-13					1.9E-19	1.6E-17
Nickel	3.3E-15			4.0E-04	1.6E-13	3.5E-09	1.2E-07	4.3E-10	4.0E-08	2.0E-08	1.7E-17
Phosphorus				7.5E-15	2.8E-13	2.6E-08	8.6E-07	3.3E-09	2.9E-07	7.2E-14	5.9E-12
Selenium	2.8E-16			4.0E-17	1.6E-15	1.7E-10	6.1E-09	2.2E-11	2.0E-09	2.0E-21	1.7E-19
Silver	2.1E-16			8.5E-13	3.2E-11	1.1E-10	3.7E-09	1.4E-11	1.2E-09	4.2E-17	3.4E-15
Thallium (Soluble Salts)				1.1E-07						5.2E-12	
Titanium				8.0E-15	3.2E-13	6.1E-11	2.3E-09	7.6E-12	7.6E-10	3.9E-19	3.5E-17
Zinc	4.1E-12			1.8E-13	6.5E-12	1.4E-07	3.9E-06	1.7E-08	1.3E-06	9.0E-18	7.0E-16
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	5.2E-05	2.0E-07	1.7E-05		
PAHs											
1-Methylnaphthalene		2.4E-16	4.9E-15	2.2E-16	8.9E-15	3.3E-08	1.4E-06	4.1E-09	4.6E-07	2.5E-16	2.2E-14
1-Methylphenanthrene				1.5E-13	6.0E-12	3.9E-09	1.7E-07	4.9E-10	5.5E-08	7.1E-18	6.5E-16
2,3,5-Trimethylnaphthalene				6.8E-14	3.0E-12	1.9E-09	8.4E-08	2.4E-10	2.8E-08	3.3E-18	3.2E-16
2,6-Dimethylnaphthalene				1.9E-13	7.9E-12	5.1E-09	2.2E-07	6.4E-10	7.3E-08	9.1E-18	8.5E-16
2-Methylnaphthalene		2.3E-16	4.7E-15	2.1E-16	8.6E-15	3.2E-08	1.3E-06	4.0E-09	4.4E-07	2.4E-16	2.2E-14
Acenaphthylene				6.0E-13	2.5E-11	1.9E-08	8.0E-07	2.4E-09	2.7E-07	2.9E-17	2.7E-15
Acenaphthene	3.4E-15					3.5E-09	1.4E-07	4.3E-10	4.8E-08		
Anthracene	4.3E-14					6.1E-09	2.6E-07	7.6E-10	8.6E-08		
Benzo(a)anthracene	6.2E-12	1.6E-07	4.4E-11	1.4E-07	8.0E-11	3.0E-09	1.3E-07	3.7E-10	4.3E-08	2.1E-09	2.7E-12
Benzo(a)pyrene	3.1E-12	2.6E-07	1.8E-11	2.4E-07	3.3E-11	1.2E-09	4.9E-08	1.5E-10	1.6E-08	1.2E-11	3.6E-15
Benzo(b)fluoranthene	8.3E-13	5.7E-07	1.0E-12	5.1E-07	1.8E-12	1.3E-09	5.3E-08	1.6E-10	1.8E-08	2.5E-11	2.0E-16

Table H-252 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				3.4E-14	1.3E-12	1.0E-09	4.1E-08	1.3E-10	1.4E-08	1.7E-18	1.4E-16
Benzo(g,h,i)perylene				2.5E-14	1.0E-12	7.7E-10	3.2E-08	9.6E-11	1.1E-08	1.2E-18	1.1E-16
Benzo(k)fluoranthene	7.9E-15	3.6E-08	7.3E-13	3.3E-08	1.3E-12	1.2E-11	2.1E-10	1.5E-12	6.9E-11	1.6E-12	1.4E-16
Biphenyl				3.3E-15	1.4E-13	1.1E-07	4.7E-06	1.4E-08	1.6E-06	2.0E-15	1.8E-13
Chrysene	1.1E-12	2.3E-07	5.6E-11	2.1E-07	1.0E-10	5.1E-09	2.1E-07	6.4E-10	7.1E-08	1.0E-11	1.1E-14
Dibenze(a,h)anthracene	1.6E-13	9.9E-09	6.8E-12	9.0E-09	1.2E-11	1.9E-10	7.6E-09	2.3E-11	2.5E-09	4.4E-13	1.3E-15
Fluoranthene	2.8E-13	6.8E-14	1.4E-12	6.1E-14	2.5E-12	7.5E-09	3.1E-07	9.4E-10	1.0E-07	3.0E-18	2.7E-16
Fluorene	6.1E-14					1.9E-08	7.9E-07	2.3E-09	2.6E-07		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.4E-07	1.8E-11	1.3E-07	3.3E-11	6.2E-10	2.5E-08	7.7E-11	8.5E-09	6.3E-12	3.6E-15
Napthalene	2.8E-14					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Perylene				1.3E-14	6.2E-13	4.6E-10	2.0E-08	5.8E-11	6.8E-09	6.5E-19	6.6E-17
Phenanthrene	2.9E-13					3.5E-08	1.5E-06	4.4E-09	4.8E-07		
Pyrene	2.0E-13	2.8E-13	5.7E-12	2.5E-13	1.0E-11	7.3E-09	3.0E-07	9.1E-10	1.0E-07	7.1E-15	6.4E-13
Particulate											
Particulate Total Suspended Particulate				3.0E-09	1.2E-07	2.3E-05	9.0E-04	2.9E-06	3.0E-04	1.5E-13	1.3E-11
PM<10				3.8E-09	1.6E-07	3.1E-05	1.2E-03	3.9E-06	4.0E-04	1.9E-13	1.7E-11
PM<2.5				3.2E-09	1.3E-07	2.6E-05	1.0E-03	3.3E-06	3.5E-04	1.6E-13	1.4E-11
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	2.0E-14	8.3E-16	3.3E-14	9.3E-11	3.8E-09	1.2E-11	1.3E-09	7.8E-17	6.8E-15
Heptachlorobiphenyl	2.3E-16	1.2E-16	2.2E-15	9.8E-17	3.8E-15	1.3E-12	5.1E-11	1.6E-13	1.7E-11	5.0E-18	4.2E-16
Hexachlorobiphenyl	9.4E-16	5.2E-16	9.4E-15	4.4E-16	1.6E-14	5.3E-12	2.1E-10	6.7E-13	6.9E-11	2.3E-17	1.8E-15
Monochlorobiphenyl	4.3E-14	6.9E-15	1.4E-13	5.8E-15	2.3E-13	6.5E-10	2.7E-08	8.1E-11	8.9E-09	5.4E-16	4.7E-14
Nonachlorobiphenyl	2.9E-17	2.0E-17	3.2E-16	1.7E-17	5.4E-16	1.8E-13	6.4E-12	2.2E-14	2.1E-12	8.8E-19	6.0E-17
Octachlorobiphenyl	6.9E-17	3.8E-17	6.9E-16	3.2E-17	1.2E-15	3.9E-13	1.5E-11	4.9E-14	5.1E-12	1.6E-18	1.3E-16

Table H-252 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	3.1E-15	1.9E-15	3.2E-14	1.6E-15	5.5E-14	1.8E-11	6.9E-10	2.3E-12	2.3E-10	8.1E-17	6.1E-15
Tetrachlorobiphenyl	1.8E-15	3.8E-16	6.4E-15	3.2E-16	1.1E-14	3.0E-11	1.1E-09	3.8E-12	3.8E-10	3.0E-17	2.2E-15
Trichlorobiphenyl	2.4E-15	4.5E-16	8.1E-15	3.8E-16	1.4E-14	3.8E-11	1.5E-09	4.8E-12	4.9E-10	3.6E-17	2.8E-15
Pesticides											
DDE				5.1E-08						1.6E-09	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	8.7E-09	3.4E-11	2.9E-09		
1,2-dichlorobenzene	2.8E-18					1.1E-10	1.9E-09	1.4E-11	6.5E-10		
1,3-Butadiene						3.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	5.5E-09	2.0E-11	1.8E-09		
1,4-dichlorobenzene	9.2E-17					1.5E-09	6.8E-08	1.9E-10	2.3E-08		
1,4-Dioxane						7.3E-05					
2,4-Dimethylphenol	2.5E-15					2.4E-08	9.5E-07	3.0E-09	3.2E-07		
2-Chlorophenol	1.3E-16					4.7E-09	2.1E-07	5.9E-10	6.9E-08		
2-Methylphenol	5.3E-14					5.6E-08	2.3E-06	7.0E-09	7.8E-07		
2-Nitrophenol	3.2E-16					7.6E-09	3.1E-07	9.4E-10	1.0E-07		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.5E-10	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.8E-16	1.7E-14
4-Nitrophenol	6.5E-16					1.3E-08	4.8E-07	1.6E-09	1.6E-07		
Acetophenone	3.9E-15					1.2E-07	4.9E-06	1.5E-08	1.6E-06		
Benzoic acid	1.6E-14					5.4E-07	2.2E-05	6.7E-08	7.5E-06		
Benzyl alcohol	9.8E-18					4.5E-09	1.4E-07	5.6E-10	4.5E-08		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	1.2E-10	8.0E-12	2.9E-10	1.9E-07	7.4E-06	2.4E-08	2.5E-06	3.9E-16	3.1E-14
Butyl benzyl phthalate	1.8E-13	3.3E-15	6.6E-14	3.8E-15	1.6E-13	6.0E-09	2.5E-07	7.5E-10	8.3E-08	1.9E-19	1.7E-17
Carbazole				1.4E-14	2.6E-13	1.7E-10	3.0E-09	2.1E-11	1.0E-09	6.9E-19	2.8E-17

Table H-252 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Dibenzofuran		1.4E-16	2.9E-15	5.7E-16	2.3E-14	9.5E-09	3.9E-07	1.2E-09	1.3E-07	2.4E-16	2.1E-14
Dimethyl phthalate	6.5E-17					3.3E-10	5.9E-09	4.2E-11	2.0E-09		
Di-n-butyl phthalate	1.7E-12	3.3E-15	6.7E-14	3.9E-15	1.6E-13	9.2E-09	3.8E-07	1.1E-09	1.3E-07	1.9E-19	1.7E-17
Di-n-octyl phthalate	1.3E-17	9.4E-15	8.7E-14	1.1E-14	2.1E-13	6.4E-10	1.1E-08	8.0E-11	3.8E-09	5.5E-19	2.2E-17
Hexachlorobutadiene	6.7E-15					4.4E-08	7.9E-07	5.5E-09	2.6E-07		
Isopropanol						8.2E-04					
Phenol	1.5E-13					3.0E-07	1.2E-05	3.8E-08	4.2E-06		
Pyridine	7.7E-15					2.9E-08	1.2E-06	3.6E-09	4.0E-07		
TRS											
Total Reduced Sulfur						2.9E-07	1.3E-05	3.6E-08	4.2E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	4.6E-09	1.7E-11	1.5E-09		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	5.0E-09	1.7E-11	1.7E-09		
1,1-Dichloroethene	6.0E-21					2.6E-11	4.6E-10	3.2E-12	1.5E-10		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	2.0E-08	6.7E-11	6.6E-09		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	1.9E-09	1.4E-11	6.4E-10		
1,2,4-Trimethylbenzene						6.2E-09	2.0E-07	7.8E-10	6.6E-08		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.2E-09	8.6E-12	4.1E-10		
1,2-Dichloroethane	1.2E-17					3.4E-05	1.0E-07	1.0E-06	3.5E-08		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.7E-07	7.3E-10	5.8E-08		
1,3-Dichloropropane						6.7E-11	1.2E-09	8.4E-12	4.0E-10		
2-Butanone	2.4E-15					3.3E-08	1.3E-06	4.1E-09	4.4E-07		
2-Chlorotoluene						1.5E-09	6.1E-08	1.8E-10	2.0E-08		
2-Hexanone						6.8E-09	2.5E-07	8.4E-10	8.2E-08		

Table H-252 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Benzene	2.0E-15					8.4E-05	3.4E-05	9.7E-06	1.1E-05		
Bromobenzene						3.7E-08	6.6E-07	4.7E-09	2.2E-07		
Bromochloromethane						8.8E-11	1.6E-09	1.1E-11	5.2E-10		
Bromodichloromethane	3.1E-19					9.5E-11	1.7E-09	1.2E-11	5.7E-10		
Bromomethane	1.3E-18					3.8E-09	1.1E-07	4.8E-10	3.8E-08		
Carbon disulfide	1.3E-18					3.3E-09	9.8E-08	4.2E-10	3.3E-08		
Carbon tetrachloride	1.3E-19					1.5E-04	3.9E-09	1.5E-05	1.3E-09		
Chlorobenzene	4.7E-17					4.8E-09	1.7E-07	6.0E-10	5.7E-08		
Chlorodibromomethane	1.8E-17					2.4E-09	4.2E-08	3.0E-10	1.4E-08		
Chloroethane	3.7E-18					9.1E-09	3.2E-07	1.1E-09	1.1E-07		
Chloroform	2.8E-18					2.5E-05	3.8E-08	2.4E-06	1.3E-08		
Chloromethane	9.8E-18					3.1E-08	9.4E-07	3.9E-09	3.1E-07		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	7.1E-08	5.0E-10	2.4E-08		
cis-1,3-Dichloropropene						2.4E-11	4.3E-10	3.0E-12	1.4E-10		
Dibromomethane	4.2E-19					2.0E-10	3.6E-09	2.5E-11	1.2E-09		
Dichlorodifluoromethane	4.7E-21					2.5E-10	4.4E-09	3.1E-11	1.5E-09		
Ethylbenzene	1.5E-15					9.6E-05	7.4E-06	2.4E-08	2.5E-06		
Isopropylbenzene	2.0E-18					1.6E-08	5.4E-07	2.0E-09	1.8E-07		
m&p-Xylene	2.4E-16					3.6E-08	1.2E-06	4.6E-09	4.1E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	6.4E-09	4.5E-11	2.1E-09		
Methylene chloride	2.6E-17					1.8E-08	6.6E-07	2.3E-09	2.2E-07		
n-Butylbenzene						7.8E-09	2.3E-07	9.7E-10	7.7E-08		
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07		
o-Xylene	2.8E-16					2.3E-08	7.6E-07	2.9E-09	2.5E-07		

Table H-252 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
p-Chlorotoluene						5.5E-10	1.7E-08	6.9E-11	5.6E-09		
p-Isopropyltoluene						3.8E-09	9.2E-08	4.8E-10	3.1E-08		
sec-Butylbenzene						1.4E-09	4.3E-08	1.8E-10	1.4E-08		
Styrene	9.4E-15					5.1E-07	1.9E-05	6.4E-08	6.2E-06		
tert-Butylbenzene						4.6E-08	8.1E-07	5.7E-09	2.7E-07		
Tetrachloroethene	6.6E-19					1.2E-10	4.2E-09	1.5E-11	1.4E-09		
Toluene	1.6E-15					3.2E-07	1.2E-05	3.9E-08	4.1E-06		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	1.5E-06	1.1E-08	5.0E-07		
trans-1,3-Dichloropropene						4.2E-11	7.5E-10	5.3E-12	2.5E-10		
Trichloroethene	6.8E-21					4.6E-06	1.3E-10	9.1E-13	4.3E-11		
Trichlorofluoromethane	1.0E-20					8.7E-11	1.6E-09	1.1E-11	5.2E-10		
Vinyl chloride	4.8E-19					5.0E-09	1.2E-07	6.2E-10	4.0E-08		

Table H-253 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			3.0E-04	3.7E-05	
Aldehydes					
Acetaldehyde			5.2E-04	6.5E-05	
Formaldehyde			2.2E-04	2.7E-05	
Propionaldehyde		8.0E-16	5.7E-05	7.1E-06	6.0E-12
CO					
Carbon monoxide			1.6E-02	2.0E-03	
CO2					
Carbon dioxide			5.0E-04	6.3E-05	
Criteria					
Sulfur Dioxide			1.4E-04	1.7E-05	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	4.4E-16	1.7E-15	3.0E-10	3.8E-11	8.6E-17
1,2,3,4,6,7,8-HpCDF	4.5E-16	1.8E-15	3.1E-10	3.8E-11	8.7E-17
1,2,3,4,7,8,9-HpCDF	5.2E-17	2.0E-16	3.9E-11	4.8E-12	9.9E-18
1,2,3,4,7,8-HxCDD	5.0E-17	2.0E-16	3.6E-11	4.5E-12	9.7E-18
1,2,3,4,7,8-HxCDF	4.0E-16	1.6E-15	3.0E-10	3.7E-11	7.7E-17
1,2,3,6,7,8-HxCDD	1.0E-16	4.0E-16	7.6E-11	9.6E-12	2.0E-17
1,2,3,6,7,8-HxCDF	1.3E-16	5.2E-16	9.6E-11	1.2E-11	2.5E-17
1,2,3,7,8,9-HxCDD	1.6E-16	6.4E-16	1.2E-10	1.4E-11	3.1E-17
1,2,3,7,8,9-HxCDF	9.4E-18	3.7E-17	7.4E-12	9.2E-13	1.8E-18

Table H-253 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	5.7E-17	2.2E-16	4.6E-11	5.8E-12	1.1E-17
1,2,3,7,8-PeCDF	6.7E-17	2.6E-16	6.6E-11	8.2E-12	1.3E-17
2,3,4,6,7,8-HxCDF	2.0E-16	8.1E-16	1.5E-10	1.9E-11	4.0E-17
2,3,4,7,8-PeCDF	1.6E-16	6.3E-16	1.5E-10	1.8E-11	3.1E-17
2,3,7,8-TCDD	1.2E-17	4.5E-17	1.9E-11	2.3E-12	1.5E-15
2,3,7,8-TCDF	2.1E-17	8.3E-17	6.8E-11	8.5E-12	4.1E-18
OCDD	3.0E-16	1.2E-15	2.0E-10	2.5E-11	5.8E-17
OCDF	1.2E-16	4.6E-16	7.5E-11	9.4E-12	2.2E-17
HCN					
Hydrogen cyanide			5.7E-05	7.1E-06	
Metals					
Aluminum		3.4E-03			1.6E-04
Antimony		1.5E-07	3.7E-06	4.7E-07	7.5E-09
Arsenic	7.0E-08	1.7E-07	2.1E-07	2.7E-08	1.3E-08
Barium		9.7E-10	4.5E-05	5.6E-06	4.8E-11
Beryllium		3.7E-16	1.5E-08	1.9E-09	1.8E-17
Cadmium		2.9E-16	2.7E-07	3.4E-08	1.4E-17
Chromium		2.5E-11	2.3E-06	2.9E-07	1.2E-12
Cobalt		6.4E-06	3.5E-06	4.4E-07	3.1E-07
Copper		1.0E-10	6.3E-06	7.9E-07	5.1E-12
Iron		6.1E-03			3.0E-04
Lead		3.1E-05	2.1E-06	2.7E-07	1.5E-06

Table H-253 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		2.8E-13	1.9E-06	2.4E-07	1.4E-14
Mercury (+2)		1.1E-14	8.4E-09	1.1E-09	5.6E-16
Mercury, elemental		8.1E-09	3.5E-11	4.4E-12	1.6E-05
Methyl Mercury		6.8E-16			3.3E-17
Nickel		1.4E-04	1.2E-06	1.5E-07	7.0E-06
Phosphorus		2.7E-15	9.4E-06	1.2E-06	2.6E-11
Selenium		1.4E-17	6.2E-08	7.8E-09	7.1E-19
Silver		2.6E-13	4.1E-08	5.1E-09	1.3E-14
Titanium		2.9E-15	2.2E-08	2.7E-09	1.4E-16
Zinc		6.6E-14	4.9E-05	6.1E-06	3.2E-15
NOx					
NOx (Oxides of Nitrogen)			5.6E-04	7.0E-05	
PAHs					
1-Methylnaphthalene	8.5E-17	7.7E-17	1.2E-05	1.5E-06	8.8E-14
1-Methylphenanthrene		5.2E-14	1.4E-06	1.8E-07	2.5E-15
2,3,5-Trimethylnaphthalene		2.4E-14	7.0E-07	8.7E-08	1.2E-15
2,6-Dimethylnaphthalene		6.6E-14	1.8E-06	2.3E-07	3.3E-15
2-Methylnaphthalene	8.2E-17	7.5E-17	1.1E-05	1.4E-06	8.6E-14
Acenaphthylene		2.1E-13	6.7E-06	8.4E-07	1.0E-14
Acenaphthene			1.2E-06	1.5E-07	
Anthracene			2.2E-06	2.7E-07	
Benzo(a)anthracene	3.2E-06	2.9E-06	1.1E-06	1.3E-07	4.4E-05

Table H-253 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)pyrene	2.7E-06	2.4E-06	4.2E-07	5.3E-08	1.2E-07
Benzo(b)fluoranthene	4.4E-06	4.0E-06	4.7E-07	5.9E-08	1.9E-07
Benzo(e)pyrene		1.2E-14	3.6E-07	4.5E-08	6.0E-16
Benzo(g,h,i)perylene		9.0E-15	2.7E-07	3.4E-08	4.4E-16
Benzo(k)fluoranthene	2.4E-06	2.1E-06	4.2E-09	5.2E-10	1.0E-07
Biphenyl		1.2E-15	4.0E-05	5.0E-06	7.0E-13
Chrysene	3.4E-06	3.1E-06	1.8E-06	2.3E-07	1.5E-07
Dibenze(a,h)anthracene	5.2E-07	4.7E-07	6.6E-08	8.3E-09	2.3E-08
Fluoranthene	2.3E-14	2.1E-14	2.7E-06	3.3E-07	1.0E-15
Fluorene			6.7E-06	8.4E-07	
Indeno(1,2,3-cd)pyrene	6.9E-07	6.3E-07	2.2E-07	2.7E-08	3.1E-08
Napthalene	6.7E-08	6.1E-08	5.3E-05	6.6E-06	8.8E-05
Perylene		4.7E-15	1.6E-07	2.1E-08	2.3E-16
Phenanthrene			1.3E-05	1.6E-06	
Pyrene	7.7E-14	7.0E-14	2.6E-06	3.3E-07	1.9E-12
Particulate					
Particulate Total Suspended Particulate		1.1E-09	8.4E-03	1.0E-03	5.2E-11
PM<10		1.4E-09	1.1E-02	1.4E-03	6.7E-11
PM<2.5		1.1E-09	9.4E-03	1.2E-03	5.6E-11
PCBs					
Dichlorobiphenyl	2.1E-16	1.7E-16	3.3E-08	4.1E-09	1.6E-14
Heptachlorobiphenyl	2.4E-17	2.0E-17	4.5E-10	5.7E-11	1.0E-15

Table H-253 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Hexachlorobiphenyl	1.1E-16	9.1E-17	1.9E-09	2.4E-10	4.6E-15
Monochlorobiphenyl	1.4E-15	1.2E-15	2.3E-07	2.9E-08	1.1E-13
Nonachlorobiphenyl	4.2E-18	3.6E-18	6.4E-11	8.0E-12	1.8E-16
Octachlorobiphenyl	7.7E-18	6.5E-18	1.4E-10	1.7E-11	3.3E-16
Pentachlorobiphenyl	3.9E-16	3.3E-16	6.5E-09	8.1E-10	1.7E-14
Tetrachlorobiphenyl	7.9E-17	6.6E-17	1.1E-08	1.3E-09	6.2E-15
Trichlorobiphenyl	9.5E-17	8.0E-17	1.4E-08	1.7E-09	7.4E-15
Pesticides					
DDE		2.3E-07			7.3E-06
Dieldrin	2.2E-08	2.6E-08			1.3E-09
SVOCs					
1,2,4-trichlorobenzene			9.6E-08	1.2E-08	
1,2-dichlorobenzene			3.9E-08	4.9E-09	
1,3-Butadiene			9.8E-03		
1,3-dichlorobenzene			5.8E-08	7.2E-09	
1,4-dichlorobenzene			5.4E-07	6.8E-08	
2,4-Dimethylphenol			8.5E-06	1.1E-06	
2-Chlorophenol			1.7E-06	2.1E-07	
2-Methylphenol			2.0E-05	2.5E-06	
2-Nitrophenol			2.7E-06	3.4E-07	
3-Methylphenol & 4-Methylphenol		1.3E-12	3.6E-05	4.5E-06	6.5E-14
4-Nitrophenol			4.5E-06	5.6E-07	

Table H-253 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			4.2E-05	5.3E-06	
Benzoic acid			1.9E-04	2.4E-05	
Benzyl alcohol			1.6E-06	2.0E-07	
bis(2-Ethylhexyl) phthalate	2.4E-12	2.8E-12	6.8E-05	8.5E-06	1.4E-13
Butyl benzyl phthalate	1.2E-15	1.4E-15	2.1E-06	2.7E-07	6.7E-17
Carbazole		5.0E-15	6.0E-08	7.5E-09	2.5E-16
Dibenzofuran	5.1E-17	2.0E-16	3.4E-06	4.3E-07	8.6E-14
Dimethyl phthalate			1.2E-07	1.5E-08	
Di-n-butyl phthalate	1.2E-15	1.4E-15	3.3E-06	4.1E-07	6.7E-17
Di-n-octyl phthalate	3.4E-15	4.0E-15	2.3E-07	2.9E-08	1.9E-16
Hexachlorobutadiene			1.6E-05	2.0E-06	
Isopropanol			1.1E+00		
Phenol			1.1E-04	1.3E-05	
Pyridine			1.0E-05	1.3E-06	
TRS					
Total Reduced Sulfur			1.0E-04	1.3E-05	
VOCs					
1,1,1,2-Tetrachloroethane			4.8E-08	6.0E-09	
1,1,1-Trichloroethane			4.7E-08	5.9E-09	
1,1-Dichloroethene			9.3E-09	1.2E-09	
1,2,3-Trichlorobenzene			1.9E-07	2.4E-08	
1,2,3-Trichloropropane			3.9E-08	4.8E-09	

Table H-253 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			2.2E-06	2.8E-07	
1,2-Dibromoethane			2.5E-08	3.1E-09	
1,2-Dichloroethane			9.9E-07	3.6E-04	
1,3,5-Trimethylbenzene			2.1E-06	2.6E-07	
1,3-Dichloropropane			2.4E-08	3.0E-09	
2-Butanone			1.2E-05	1.5E-06	
2-Chlorotoluene			5.3E-07	6.6E-08	
2-Hexanone			2.4E-06	3.0E-07	
Benzene			3.9E-02	3.5E-03	
Bromobenzene			1.3E-05	1.7E-06	
Bromochloromethane			3.1E-08	3.9E-09	
Bromodichloromethane			3.4E-08	4.3E-09	
Bromomethane			1.4E-06	1.7E-07	
Carbon disulfide			1.2E-06	1.5E-07	
Carbon tetrachloride			5.0E-02	5.5E-03	
Chlorobenzene			1.7E-06	2.1E-07	
Chlorodibromomethane			8.5E-07	1.1E-07	
Chloroethane			3.3E-06	4.1E-07	
Chloroform			1.1E-02	8.6E-04	
Chloromethane			1.1E-05	1.4E-06	
cis-1,2-Dichloroethene			1.4E-06	1.8E-07	
cis-1,3-Dichloropropene			8.7E-09	1.1E-09	

Table H-253 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			7.3E-08	9.1E-09	
Dichlorodifluoromethane			8.9E-08	1.1E-08	
Ethylbenzene			1.9E-02	8.7E-06	
Isopropylbenzene			5.6E-06	7.0E-07	
m&p-Xylene			1.3E-05	1.6E-06	
Methyl Isobutyl Ketone (4-methyl-2-penta			1.3E-07	1.6E-08	
Methylene chloride			6.4E-06	8.1E-07	
n-Butylbenzene			2.8E-06	3.5E-07	
n-Propylbenzene			3.3E-06	4.2E-07	
o-Xylene			8.2E-06	1.0E-06	
p-Chlorotoluene			2.0E-07	2.5E-08	
p-Isopropyltoluene			1.4E-06	1.7E-07	
sec-Butylbenzene			5.1E-07	6.4E-08	
Styrene			1.8E-04	2.3E-05	
tert-Butylbenzene			1.6E-05	2.0E-06	
Tetrachloroethene			4.3E-08	5.4E-09	
Toluene			1.1E-04	1.4E-05	
trans-1,2-Dichloroethene			3.0E-05	3.8E-06	
trans-1,3-Dichloropropene			1.5E-08	1.9E-09	
Trichloroethene			1.3E-02	3.2E-10	
Trichlorofluoromethane			3.1E-08	3.9E-09	
Vinyl chloride			1.1E-03	2.2E-07	

Table H-254 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			8.4E-07	1.0E-07	
Aldehydes					
Acetaldehyde			1.4E-06	1.8E-07	
Formaldehyde			6.2E-07	7.7E-08	
Propionaldehyde		2.2E-15	1.6E-07	2.0E-08	1.7E-14
CO					
Carbon monoxide			4.5E-05	5.6E-06	
CO2					
Carbon dioxide			1.4E-06	1.8E-07	
Criteria					
Sulfur Dioxide			3.8E-07	4.7E-08	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	2.2E-15	8.5E-15	8.5E-13	1.1E-13	4.2E-19
1,2,3,4,6,7,8-HpCDF	2.2E-15	8.6E-15	8.6E-13	1.1E-13	4.2E-19
1,2,3,4,7,8,9-HpCDF	2.5E-16	9.9E-16	1.1E-13	1.4E-14	4.8E-20
1,2,3,4,7,8-HxCDD	2.5E-16	9.7E-16	1.0E-13	1.3E-14	4.7E-20
1,2,3,4,7,8-HxCDF	2.0E-15	7.7E-15	8.3E-13	1.0E-13	3.8E-19
1,2,3,6,7,8-HxCDD	5.0E-16	2.0E-15	2.1E-13	2.7E-14	9.7E-20
1,2,3,6,7,8-HxCDF	6.4E-16	2.5E-15	2.7E-13	3.4E-14	1.2E-19
1,2,3,7,8,9-HxCDD	7.9E-16	3.1E-15	3.2E-13	4.1E-14	1.5E-19
1,2,3,7,8,9-HxCDF	4.6E-17	1.8E-16	2.1E-14	2.6E-15	8.8E-21

Table H-254 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	2.8E-16	1.1E-15	1.3E-13	1.6E-14	5.4E-20
1,2,3,7,8-PeCDF	3.3E-16	1.3E-15	1.8E-13	2.3E-14	6.3E-20
2,3,4,6,7,8-HxCDF	1.0E-15	3.9E-15	4.2E-13	5.2E-14	1.9E-19
2,3,4,7,8-PeCDF	7.8E-16	3.1E-15	4.1E-13	5.2E-14	1.5E-19
2,3,7,8-TCDD	5.5E-17	2.2E-16	5.2E-14	6.5E-15	7.4E-18
2,3,7,8-TCDF	1.0E-16	4.0E-16	1.9E-13	2.4E-14	2.0E-20
OCDD	1.5E-15	5.8E-15	5.6E-13	7.0E-14	2.8E-19
OCDF	5.7E-16	2.2E-15	2.1E-13	2.6E-14	1.1E-19
HCN					
Hydrogen cyanide			1.6E-07	2.0E-08	
Metals					
Aluminum		9.4E-03			4.6E-07
Antimony		4.3E-07	1.0E-08	1.3E-09	2.1E-11
Arsenic	2.0E-07	4.6E-07	5.9E-10	7.4E-11	3.8E-11
Barium		4.4E-09	1.3E-07	1.6E-08	2.1E-13
Beryllium		1.0E-15	4.3E-11	5.4E-12	5.1E-20
Cadmium		8.2E-16	7.6E-10	9.5E-11	4.0E-20
Chromium		9.6E-11	6.5E-09	8.1E-10	4.7E-15
Cobalt		1.8E-05	9.8E-09	1.2E-09	8.8E-10
Copper		4.5E-10	1.8E-08	2.2E-09	2.2E-14
Iron		1.7E-02			8.4E-07
Lead		8.6E-05	6.0E-09	7.5E-10	4.2E-09

Table H-254 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		8.0E-13	5.5E-09	6.8E-10	3.9E-17
Mercury (+2)		6.4E-14	2.4E-11	2.9E-12	3.1E-18
Mercury, elemental		2.3E-08	9.8E-14	1.2E-14	4.3E-08
Methyl Mercury		3.8E-15			1.9E-19
Nickel		4.0E-04	3.5E-09	4.3E-10	2.0E-08
Phosphorus		7.5E-15	2.6E-08	3.3E-09	7.2E-14
Selenium		4.0E-17	1.7E-10	2.2E-11	2.0E-21
Silver		8.5E-13	1.1E-10	1.4E-11	4.2E-17
Titanium		8.0E-15	6.1E-11	7.6E-12	3.9E-19
Zinc		1.8E-13	1.4E-07	1.7E-08	9.0E-18
NOx					
NOx (Oxides of Nitrogen)			1.6E-06	2.0E-07	
PAHs					
1-Methylnaphthalene	2.4E-16	2.2E-16	3.3E-08	4.1E-09	2.5E-16
1-Methylphenanthrene		1.5E-13	3.9E-09	4.9E-10	7.1E-18
2,3,5-Trimethylnaphthalene		6.8E-14	1.9E-09	2.4E-10	3.3E-18
2,6-Dimethylnaphthalene		1.9E-13	5.1E-09	6.4E-10	9.1E-18
2-Methylnaphthalene	2.3E-16	2.1E-16	3.2E-08	4.0E-09	2.4E-16
Acenaphthylene		6.0E-13	1.9E-08	2.4E-09	2.9E-17
Acenaphthene			3.5E-09	4.3E-10	
Anthracene			6.1E-09	7.6E-10	
Benzo(a)anthracene	9.0E-06	8.1E-06	3.0E-09	3.7E-10	1.2E-07

Table H-254 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)pyrene	7.5E-06	6.8E-06	1.2E-09	1.5E-10	3.4E-10
Benzo(b)fluoranthene	1.2E-05	1.1E-05	1.3E-09	1.6E-10	5.5E-10
Benzo(e)pyrene		3.4E-14	1.0E-09	1.3E-10	1.7E-18
Benzo(g,h,i)perylene		2.5E-14	7.7E-10	9.6E-11	1.2E-18
Benzo(k)fluoranthene	6.6E-06	6.0E-06	1.2E-11	1.5E-12	2.9E-10
Biphenyl		3.3E-15	1.1E-07	1.4E-08	2.0E-15
Chrysene	9.4E-06	8.6E-06	5.1E-09	6.4E-10	4.2E-10
Dibenze(a,h)anthracene	1.5E-06	1.3E-06	1.9E-10	2.3E-11	6.5E-11
Fluoranthene	6.8E-14	6.1E-14	7.5E-09	9.4E-10	3.0E-18
Fluorene			1.9E-08	2.3E-09	
Indeno(1,2,3-cd)pyrene	1.9E-06	1.8E-06	6.2E-10	7.7E-11	8.6E-11
Napthalene	1.9E-07	1.7E-07	1.5E-07	1.9E-08	2.5E-07
Perylene		1.3E-14	4.6E-10	5.8E-11	6.5E-19
Phenanthrene			3.5E-08	4.4E-09	
Pyrene	2.8E-13	2.5E-13	7.3E-09	9.1E-10	7.1E-15
Particulate					
Particulate Total Suspended Particulate		3.0E-09	2.3E-05	2.9E-06	1.5E-13
PM<10		3.8E-09	3.1E-05	3.9E-06	1.9E-13
PM<2.5		3.2E-09	2.6E-05	3.3E-06	1.6E-13
PCBs					
Dichlorobiphenyl	9.9E-16	8.3E-16	9.3E-11	1.2E-11	7.8E-17
Heptachlorobiphenyl	1.2E-16	9.8E-17	1.3E-12	1.6E-13	5.0E-18

Table H-254 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Hexachlorobiphenyl	5.2E-16	4.4E-16	5.3E-12	6.7E-13	2.3E-17
Monochlorobiphenyl	6.9E-15	5.8E-15	6.5E-10	8.1E-11	5.4E-16
Nonachlorobiphenyl	2.0E-17	1.7E-17	1.8E-13	2.2E-14	8.8E-19
Octachlorobiphenyl	3.8E-17	3.2E-17	3.9E-13	4.9E-14	1.6E-18
Pentachlorobiphenyl	1.9E-15	1.6E-15	1.8E-11	2.3E-12	8.1E-17
Tetrachlorobiphenyl	3.8E-16	3.2E-16	3.0E-11	3.8E-12	3.0E-17
Trichlorobiphenyl	4.5E-16	3.8E-16	3.8E-11	4.8E-12	3.6E-17
Pesticides					
DDE		6.4E-07			2.0E-08
Dieldrin	6.2E-08	7.3E-08			3.6E-12
SVOCs					
1,2,4-trichlorobenzene			2.7E-10	3.4E-11	
1,2-dichlorobenzene			1.1E-10	1.4E-11	
1,3-Butadiene			2.7E-05		
1,3-dichlorobenzene			1.6E-10	2.0E-11	
1,4-dichlorobenzene			1.5E-09	1.9E-10	
2,4-Dimethylphenol			2.4E-08	3.0E-09	
2-Chlorophenol			4.7E-09	5.9E-10	
2-Methylphenol			5.6E-08	7.0E-09	
2-Nitrophenol			7.6E-09	9.4E-10	
3-Methylphenol & 4-Methylphenol		3.7E-12	1.0E-07	1.3E-08	1.8E-16
4-Nitrophenol			1.3E-08	1.6E-09	

Table H-254 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			1.2E-07	1.5E-08	
Benzoic acid			5.4E-07	6.7E-08	
Benzyl alcohol			4.5E-09	5.6E-10	
bis(2-Ethylhexyl) phthalate	6.7E-12	8.0E-12	1.9E-07	2.4E-08	3.9E-16
Butyl benzyl phthalate	3.3E-15	3.8E-15	6.0E-09	7.5E-10	1.9E-19
Carbazole		1.4E-14	1.7E-10	2.1E-11	6.9E-19
Dibenzofuran	1.4E-16	5.7E-16	9.5E-09	1.2E-09	2.4E-16
Dimethyl phthalate			3.3E-10	4.2E-11	
Di-n-butyl phthalate	3.3E-15	3.9E-15	9.2E-09	1.1E-09	1.9E-19
Di-n-octyl phthalate	9.4E-15	1.1E-14	6.4E-10	8.0E-11	5.5E-19
Hexachlorobutadiene			4.4E-08	5.5E-09	
Isopropanol			3.2E-03		
Phenol			3.0E-07	3.8E-08	
Pyridine			2.9E-08	3.6E-09	
TRS					
Total Reduced Sulfur			2.9E-07	3.6E-08	
VOCs					
1,1,1,2-Tetrachloroethane			1.3E-10	1.7E-11	
1,1,1-Trichloroethane			1.3E-10	1.7E-11	
1,1-Dichloroethene			2.6E-11	3.2E-12	
1,2,3-Trichlorobenzene			5.3E-10	6.7E-11	
1,2,3-Trichloropropane			1.1E-10	1.4E-11	

Table H-254 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			6.2E-09	7.8E-10	
1,2-Dibromoethane			6.9E-11	8.6E-12	
1,2-Dichloroethane			2.8E-09	1.0E-06	
1,3,5-Trimethylbenzene			5.9E-09	7.3E-10	
1,3-Dichloropropane			6.7E-11	8.4E-12	
2-Butanone			3.3E-08	4.1E-09	
2-Chlorotoluene			1.5E-09	1.8E-10	
2-Hexanone			6.8E-09	8.4E-10	
Benzene			1.1E-04	9.7E-06	
Bromobenzene			3.7E-08	4.7E-09	
Bromochloromethane			8.8E-11	1.1E-11	
Bromodichloromethane			9.5E-11	1.2E-11	
Bromomethane			3.8E-09	4.8E-10	
Carbon disulfide			3.3E-09	4.2E-10	
Carbon tetrachloride			1.4E-04	1.5E-05	
Chlorobenzene			4.8E-09	6.0E-10	
Chlorodibromomethane			2.4E-09	3.0E-10	
Chloroethane			9.1E-09	1.1E-09	
Chloroform			3.2E-05	2.4E-06	
Chloromethane			3.1E-08	3.9E-09	
cis-1,2-Dichloroethene			4.0E-09	5.0E-10	
cis-1,3-Dichloropropene			2.4E-11	3.0E-12	

Table H-254 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			2.0E-10	2.5E-11	
Dichlorodifluoromethane			2.5E-10	3.1E-11	
Ethylbenzene			5.3E-05	2.4E-08	
Isopropylbenzene			1.6E-08	2.0E-09	
m&p-Xylene			3.6E-08	4.6E-09	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.6E-10	4.5E-11	
Methylene chloride			1.8E-08	2.3E-09	
n-Butylbenzene			7.8E-09	9.7E-10	
n-Propylbenzene			9.4E-09	1.2E-09	
o-Xylene			2.3E-08	2.9E-09	
p-Chlorotoluene			5.5E-10	6.9E-11	
p-Isopropyltoluene			3.8E-09	4.8E-10	
sec-Butylbenzene			1.4E-09	1.8E-10	
Styrene			5.1E-07	6.4E-08	
tert-Butylbenzene			4.6E-08	5.7E-09	
Tetrachloroethene			1.2E-10	1.5E-11	
Toluene			3.2E-07	3.9E-08	
trans-1,2-Dichloroethene			8.4E-08	1.1E-08	
trans-1,3-Dichloropropene			4.2E-11	5.3E-12	
Trichloroethene			3.7E-05	9.1E-13	
Trichlorofluoromethane			8.7E-11	1.1E-11	
Vinyl chloride			3.0E-06	6.2E-10	

Table H-255 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.0E-04	1.1E-02	3.7E-05	3.5E-03		
Aldehydes											
Acetaldehyde	3.3E-14					5.2E-04	1.9E-02	6.5E-05	6.2E-03		
Formaldehyde	1.6E-13					2.2E-04	7.3E-03	2.7E-05	2.4E-03		
Propionaldehyde				8.0E-16	2.6E-14	5.7E-05	2.1E-03	7.1E-06	6.9E-04	6.0E-12	4.2E-10
CO											
Carbon monoxide						1.6E-02	6.0E-01	2.0E-03	2.0E-01		
CO2											
Carbon dioxide						5.0E-04	1.8E-02	6.3E-05	6.0E-03		
Criteria											
Sulfur Dioxide						1.4E-04	4.4E-03	1.7E-05	1.5E-03		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	4.4E-19	4.4E-16	8.3E-15	1.7E-15	6.6E-14	3.0E-10	1.2E-08	3.8E-11	4.0E-09	8.6E-17	7.1E-15
1,2,3,4,6,7,8-HpCDF	4.3E-19	4.5E-16	8.3E-15	1.8E-15	6.6E-14	3.1E-10	1.2E-08	3.8E-11	4.0E-09	8.7E-17	7.1E-15
1,2,3,4,7,8,9-HpCDF	6.5E-20	5.2E-17	1.0E-15	2.0E-16	7.9E-15	3.9E-11	1.6E-09	4.8E-12	5.3E-10	9.9E-18	8.5E-16
1,2,3,4,7,8-HxCDD	5.0E-19	5.0E-17	9.7E-16	2.0E-16	7.7E-15	3.6E-11	1.5E-09	4.5E-12	4.9E-10	9.7E-18	8.3E-16
1,2,3,4,7,8-HxCDF	3.4E-18	4.0E-16	7.7E-15	1.6E-15	6.1E-14	3.0E-10	1.2E-08	3.7E-11	4.0E-09	7.7E-17	6.6E-15
1,2,3,6,7,8-HxCDD	9.5E-19	1.0E-16	2.0E-15	4.0E-16	1.6E-14	7.6E-11	3.1E-09	9.6E-12	1.0E-09	2.0E-17	1.7E-15
1,2,3,6,7,8-HxCDF	1.3E-18	1.3E-16	2.5E-15	5.2E-16	2.0E-14	9.6E-11	3.9E-09	1.2E-11	1.3E-09	2.5E-17	2.2E-15
1,2,3,7,8,9-HxCDD	1.4E-18	1.6E-16	3.1E-15	6.4E-16	2.5E-14	1.2E-10	4.7E-09	1.4E-11	1.6E-09	3.1E-17	2.7E-15
1,2,3,7,8,9-HxCDF	1.0E-19	9.4E-18	1.8E-16	3.7E-17	1.4E-15	7.4E-12	3.0E-10	9.2E-13	1.0E-10	1.8E-18	1.6E-16
1,2,3,7,8-PeCDD	2.6E-18	5.7E-17	1.1E-15	2.2E-16	8.8E-15	4.6E-11	1.9E-09	5.8E-12	6.3E-10	1.1E-17	9.5E-16
1,2,3,7,8-PeCDF	3.7E-18	6.7E-17	1.3E-15	2.6E-16	1.0E-14	6.6E-11	2.7E-09	8.2E-12	9.0E-10	1.3E-17	1.1E-15

Table H-255 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	1.8E-18	2.0E-16	3.9E-15	8.1E-16	3.0E-14	1.5E-10	5.9E-09	1.9E-11	2.0E-09	4.0E-17	3.3E-15
2,3,4,7,8-PeCDF	5.8E-18	1.6E-16	3.1E-15	6.3E-16	2.5E-14	1.5E-10	6.0E-09	1.8E-11	2.0E-09	3.1E-17	2.7E-15
2,3,7,8-TCDD	8.9E-19	1.2E-17	1.7E-16	4.5E-17	1.3E-15	1.9E-11	6.2E-10	2.3E-12	2.1E-10	1.5E-15	9.8E-14
2,3,7,8-TCDF	2.9E-18	2.1E-17	4.2E-16	8.3E-17	3.3E-15	6.8E-11	2.8E-09	8.5E-12	9.3E-10	4.1E-18	3.6E-16
OCDD	5.9E-21	3.0E-16	5.5E-15	1.2E-15	4.4E-14	2.0E-10	7.9E-09	2.5E-11	2.6E-09	5.8E-17	4.7E-15
OCDF	2.2E-21	1.2E-16	2.1E-15	4.6E-16	1.6E-14	7.5E-11	2.9E-09	9.4E-12	9.8E-10	2.2E-17	1.8E-15
HCN											
Hydrogen cyanide						5.7E-05	2.2E-03	7.1E-06	7.3E-04		
Metals											
Aluminum				3.4E-03						1.6E-04	
Antimony	5.6E-18			1.5E-07		3.7E-06	9.2E-05	4.7E-07	3.1E-05	7.5E-09	
Arsenic	2.9E-16	7.0E-08	1.7E-17	1.7E-07	8.1E-17	2.1E-07	7.5E-06	2.7E-08	2.5E-06	1.3E-08	1.5E-17
Barium	7.7E-13			9.7E-10	3.4E-08	4.5E-05	1.2E-03	5.6E-06	4.0E-04	4.8E-11	3.6E-09
Beryllium	1.2E-17			3.7E-16	1.4E-14	1.5E-08	5.2E-07	1.9E-09	1.7E-07	1.8E-17	1.5E-15
Cadmium	3.0E-15			2.9E-16	1.1E-14	2.7E-07	9.4E-06	3.4E-08	3.1E-06	1.4E-17	1.2E-15
Chromium	8.7E-16			2.5E-11	9.9E-10	2.3E-06	8.3E-05	2.9E-07	2.8E-05	1.2E-12	1.1E-10
Cobalt				6.4E-06	3.1E-09	3.5E-06	6.4E-05	4.4E-07	2.1E-05	3.1E-07	3.4E-10
Copper				1.0E-10	3.9E-09	6.3E-06	2.2E-04	7.9E-07	7.2E-05	5.1E-12	4.3E-10
Iron				6.1E-03						3.0E-04	
Lead	2.5E-18			3.1E-05	1.4E-12	2.1E-06	7.0E-05	2.7E-07	2.3E-05	1.5E-06	1.5E-13
Manganese				2.8E-13	1.1E-11	1.9E-06	6.7E-05	2.4E-07	2.2E-05	1.4E-14	1.2E-12
Mercury (+2)				1.1E-14	3.5E-13	8.4E-09	3.0E-07	1.1E-09	9.9E-08	5.6E-16	3.8E-14
Mercury, elemental				8.1E-09		3.5E-11	1.2E-09	4.4E-12	4.1E-10	1.6E-05	
Methyl Mercury	3.0E-15			6.8E-16	2.6E-14					3.3E-17	2.8E-15

Table H-255 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	1.2E-15			1.4E-04	5.5E-14	1.2E-06	4.3E-05	1.5E-07	1.4E-05	7.0E-06	6.0E-15
Phosphorus				2.7E-15	9.9E-14	9.4E-06	3.1E-04	1.2E-06	1.0E-04	2.6E-11	2.1E-09
Selenium	9.9E-17			1.4E-17	5.5E-16	6.2E-08	2.2E-06	7.8E-09	7.3E-07	7.1E-19	6.0E-17
Silver	7.1E-17			2.6E-13	9.9E-12	4.1E-08	1.3E-06	5.1E-09	4.5E-07	1.3E-14	1.1E-12
Titanium				2.9E-15	1.2E-13	2.2E-08	8.1E-07	2.7E-09	2.7E-07	1.4E-16	1.2E-14
Zinc	1.5E-12			6.6E-14	2.3E-12	4.9E-05	1.4E-03	6.1E-06	4.7E-04	3.2E-15	2.5E-13
NOx											
NOx (Oxides of Nitrogen)						5.6E-04	1.9E-02	7.0E-05	6.2E-03		
PAHs											
1-Methylnaphthalene		8.5E-17	1.7E-15	7.7E-17	3.2E-15	1.2E-05	4.9E-04	1.5E-06	1.6E-04	8.8E-14	7.9E-12
1-Methylphenanthrene				5.2E-14	2.1E-12	1.4E-06	5.9E-05	1.8E-07	2.0E-05	2.5E-15	2.3E-13
2,3,5-Trimethylnaphthalene				2.4E-14	1.1E-12	7.0E-07	3.0E-05	8.7E-08	1.0E-05	1.2E-15	1.1E-13
2,6-Dimethylnaphthalene				6.6E-14	2.8E-12	1.8E-06	7.8E-05	2.3E-07	2.6E-05	3.3E-15	3.0E-13
2-Methylnaphthalene		8.2E-17	1.7E-15	7.5E-17	3.1E-15	1.1E-05	4.8E-04	1.4E-06	1.6E-04	8.6E-14	7.8E-12
Acenaphthylene				2.1E-13	9.0E-12	6.7E-06	2.9E-04	8.4E-07	9.5E-05	1.0E-14	9.7E-13
Acenaphthene	1.2E-15					1.2E-06	5.2E-05	1.5E-07	1.7E-05		
Anthracene	1.5E-14					2.2E-06	9.2E-05	2.7E-07	3.1E-05		
Benzo(a)anthracene	2.2E-12	3.2E-06	1.4E-11	2.9E-06	2.6E-11	1.1E-06	4.6E-05	1.3E-07	1.5E-05	4.4E-05	8.7E-10
Benzo(a)pyrene	1.1E-12	2.7E-06	6.1E-12	2.4E-06	1.1E-11	4.2E-07	1.8E-05	5.3E-08	5.9E-06	1.2E-07	1.2E-12
Benzo(b)fluoranthene	3.0E-13	4.4E-06	3.3E-13	4.0E-06	6.0E-13	4.7E-07	1.9E-05	5.9E-08	6.3E-06	1.9E-07	6.5E-14
Benzo(e)pyrene				1.2E-14	4.8E-13	3.6E-07	1.5E-05	4.5E-08	4.9E-06	6.0E-16	5.2E-14
Benzo(g,h,i)perylene				9.0E-15	3.6E-13	2.7E-07	1.1E-05	3.4E-08	3.8E-06	4.4E-16	3.9E-14
Benzo(k)fluoranthene	2.4E-15	2.4E-06	2.0E-13	2.1E-06	3.6E-13	4.2E-09	7.4E-08	5.2E-10	2.5E-08	1.0E-07	3.8E-14
Biphenyl				1.2E-15	5.0E-14	4.0E-05	1.7E-03	5.0E-06	5.6E-04	7.0E-13	6.4E-11

Table H-255 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	3.8E-13	3.4E-06	1.7E-11	3.1E-06	3.1E-11	1.8E-06	7.6E-05	2.3E-07	2.5E-05	1.5E-07	3.4E-12
Dibenze(a,h)anthracene	5.5E-14	5.2E-07	2.1E-12	4.7E-07	3.9E-12	6.6E-08	2.7E-06	8.3E-09	9.1E-07	2.3E-08	4.2E-13
Fluoranthene	9.9E-14	2.3E-14	4.6E-13	2.1E-14	8.4E-13	2.7E-06	1.1E-04	3.3E-07	3.7E-05	1.0E-15	9.1E-14
Fluorene	2.2E-14					6.7E-06	2.8E-04	8.4E-07	9.4E-05		
Indeno(1,2,3-cd)pyrene	1.4E-13	6.9E-07	5.9E-12	6.3E-07	1.1E-11	2.2E-07	9.1E-06	2.7E-08	3.0E-06	3.1E-08	1.2E-12
Napthalene	1.0E-14	6.7E-08		6.1E-08		5.3E-05	2.2E-03	6.6E-06	7.4E-04	8.8E-05	
Perylene				4.7E-15	2.2E-13	1.6E-07	7.3E-06	2.1E-08	2.4E-06	2.3E-16	2.4E-14
Phenanthrene	1.0E-13					1.3E-05	5.2E-04	1.6E-06	1.7E-04		
Pyrene	7.2E-14	7.7E-14	1.6E-12	7.0E-14	2.9E-12	2.6E-06	1.1E-04	3.3E-07	3.6E-05	1.9E-12	1.8E-10
Particulate											
Particulate Total Suspended Particulate				1.1E-09	4.4E-08	8.4E-03	3.2E-01	1.0E-03	1.1E-01	5.2E-11	4.7E-09
PM<10				1.4E-09	5.7E-08	1.1E-02	4.3E-01	1.4E-03	1.4E-01	6.7E-11	6.1E-09
PM<2.5				1.1E-09	4.8E-08	9.4E-03	3.7E-01	1.2E-03	1.2E-01	5.6E-11	5.1E-09
PCBs											
Dichlorobiphenyl	2.2E-15	2.1E-16	4.1E-15	1.7E-16	6.9E-15	3.3E-08	1.4E-06	4.1E-09	4.5E-07	1.6E-14	1.4E-12
Heptachlorobiphenyl	8.2E-17	2.4E-17	4.6E-16	2.0E-17	7.8E-16	4.5E-10	1.8E-08	5.7E-11	6.1E-09	1.0E-15	8.7E-14
Hexachlorobiphenyl	3.3E-16	1.1E-16	1.9E-15	9.1E-17	3.3E-15	1.9E-09	7.4E-08	2.4E-10	2.5E-08	4.6E-15	3.7E-13
Monochlorobiphenyl	1.5E-14	1.4E-15	2.9E-14	1.2E-15	4.8E-14	2.3E-07	9.5E-06	2.9E-08	3.2E-06	1.1E-13	9.9E-12
Nonachlorobiphenyl	1.0E-17	4.2E-18	6.5E-17	3.6E-18	1.1E-16	6.4E-11	2.3E-09	8.0E-12	7.6E-10	1.8E-16	1.2E-14
Octachlorobiphenyl	2.4E-17	7.7E-18	1.4E-16	6.5E-18	2.4E-16	1.4E-10	5.4E-09	1.7E-11	1.8E-09	3.3E-16	2.7E-14
Pentachlorobiphenyl	1.1E-15	3.9E-16	6.6E-15	3.3E-16	1.1E-14	6.5E-09	2.5E-07	8.1E-10	8.2E-08	1.7E-14	1.3E-12
Tetrachlorobiphenyl	6.5E-16	7.9E-17	1.3E-15	6.6E-17	2.2E-15	1.1E-08	4.0E-07	1.3E-09	1.3E-07	6.2E-15	4.6E-13
Trichlorobiphenyl	8.5E-16	9.5E-17	1.7E-15	8.0E-17	2.8E-15	1.4E-08	5.3E-07	1.7E-09	1.8E-07	7.4E-15	5.9E-13
Pesticides											

Table H-255 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
DDE				2.3E-07						7.3E-06	
Dieldrin		2.2E-08		2.6E-08						1.3E-09	
SVOCs											
1,2,4-trichlorobenzene						9.6E-08	3.1E-06	1.2E-08	1.0E-06		
1,2-dichlorobenzene	9.8E-19					3.9E-08	6.9E-07	4.9E-09	2.3E-07		
1,3-Butadiene						9.8E-03					
1,3-dichlorobenzene	2.5E-18					5.8E-08	2.0E-06	7.2E-09	6.6E-07		
1,4-dichlorobenzene	3.3E-17					5.4E-07	2.4E-05	6.8E-08	8.1E-06		
2,4-Dimethylphenol	9.0E-16					8.5E-06	3.4E-04	1.1E-06	1.1E-04		
2-Chlorophenol	4.6E-17					1.7E-06	7.4E-05	2.1E-07	2.5E-05		
2-Methylphenol	1.9E-14					2.0E-05	8.4E-04	2.5E-06	2.8E-04		
2-Nitrophenol	1.1E-16					2.7E-06	1.1E-04	3.4E-07	3.7E-05		
3-Methylphenol & 4-Methylphenol				1.3E-12	5.5E-11	3.6E-05	1.5E-03	4.5E-06	5.0E-04	6.5E-14	5.9E-12
4-Nitrophenol	2.3E-16					4.5E-06	1.7E-04	5.6E-07	5.8E-05		
Acetophenone	1.4E-15					4.2E-05	1.7E-03	5.3E-06	5.8E-04		
Benzoic acid	5.7E-15					1.9E-04	8.0E-03	2.4E-05	2.7E-03		
Benzyl alcohol	3.5E-18					1.6E-06	4.9E-05	2.0E-07	1.6E-05		
bis(2-Ethylhexyl) phthalate	1.8E-13	2.4E-12	4.3E-11	2.8E-12	1.0E-10	6.8E-05	2.6E-03	8.5E-06	8.8E-04	1.4E-13	1.1E-11
Butyl benzyl phthalate	6.3E-14	1.2E-15	2.4E-14	1.4E-15	5.6E-14	2.1E-06	8.9E-05	2.7E-07	3.0E-05	6.7E-17	6.1E-15
Carbazole				5.0E-15	9.3E-14	6.0E-08	1.1E-06	7.5E-09	3.6E-07	2.5E-16	1.0E-14
Dibenzofuran		5.1E-17	1.0E-15	2.0E-16	8.1E-15	3.4E-06	1.4E-04	4.3E-07	4.7E-05	8.6E-14	7.6E-12
Dimethyl phthalate	2.3E-17					1.2E-07	2.1E-06	1.5E-08	7.1E-07		
Di-n-butyl phthalate	6.0E-13	1.2E-15	2.4E-14	1.4E-15	5.6E-14	3.3E-06	1.4E-04	4.1E-07	4.5E-05	6.7E-17	6.1E-15
Di-n-octyl phthalate	4.5E-18	3.4E-15	3.1E-14	4.0E-15	7.3E-14	2.3E-07	4.1E-06	2.9E-08	1.4E-06	1.9E-16	7.9E-15

Table H-255 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	2.4E-15					1.6E-05	2.8E-04	2.0E-06	9.4E-05		
Isopropanol						1.1E+00					
Phenol	5.3E-14					1.1E-04	4.5E-03	1.3E-05	1.5E-03		
Pyridine	2.7E-15					1.0E-05	4.2E-04	1.3E-06	1.4E-04		
TRS											
Total Reduced Sulfur						1.0E-04	4.5E-03	1.3E-05	1.5E-03		
VOCs											
1,1,1,2-Tetrachloroethane	9.6E-19					4.8E-08	1.6E-06	6.0E-09	5.4E-07		
1,1,1-Trichloroethane	6.3E-20					4.7E-08	1.8E-06	5.9E-09	5.9E-07		
1,1-Dichloroethene	2.1E-21					9.3E-09	1.7E-07	1.2E-09	5.5E-08		
1,2,3-Trichlorobenzene	6.7E-17					1.9E-07	7.1E-06	2.4E-08	2.4E-06		
1,2,3-Trichloropropane	3.9E-19					3.9E-08	6.9E-07	4.8E-09	2.3E-07		
1,2,4-Trimethylbenzene						2.2E-06	7.1E-05	2.8E-07	2.4E-05		
1,2-Dibromoethane	1.3E-19					2.5E-08	4.4E-07	3.1E-09	1.5E-07		
1,2-Dichloroethane	4.2E-18					9.9E-07	3.7E-05	3.6E-04	1.2E-05		
1,3,5-Trimethylbenzene	2.2E-17					2.1E-06	6.2E-05	2.6E-07	2.1E-05		
1,3-Dichloropropane						2.4E-08	4.3E-07	3.0E-09	1.4E-07		
2-Butanone	8.7E-16					1.2E-05	4.7E-04	1.5E-06	1.6E-04		
2-Chlorotoluene						5.3E-07	2.2E-05	6.6E-08	7.2E-06		
2-Hexanone						2.4E-06	8.8E-05	3.0E-07	2.9E-05		
Benzene	7.0E-16					3.9E-02	1.2E-02	3.5E-03	4.1E-03		
Bromobenzene						1.3E-05	2.4E-04	1.7E-06	7.9E-05		
Bromochloromethane						3.1E-08	5.6E-07	3.9E-09	1.9E-07		
Bromodichloromethane	1.1E-19					3.4E-08	6.1E-07	4.3E-09	2.0E-07		

Table H-255 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromomethane	4.8E-19					1.4E-06	4.1E-05	1.7E-07	1.4E-05		
Carbon disulfide	4.5E-19					1.2E-06	3.5E-05	1.5E-07	1.2E-05		
Carbon tetrachloride	4.8E-20					5.0E-02	1.4E-06	5.5E-03	4.6E-07		
Chlorobenzene	1.7E-17					1.7E-06	6.1E-05	2.1E-07	2.0E-05		
Chlorodibromomethane	6.5E-18					8.5E-07	1.5E-05	1.1E-07	5.0E-06		
Chloroethane	1.3E-18					3.3E-06	1.1E-04	4.1E-07	3.8E-05		
Chloroform	1.0E-18					1.1E-02	1.4E-05	8.6E-04	4.5E-06		
Chloromethane	3.5E-18					1.1E-05	3.3E-04	1.4E-06	1.1E-04		
cis-1,2-Dichloroethene	1.4E-18					1.4E-06	2.5E-05	1.8E-07	8.4E-06		
cis-1,3-Dichloropropene						8.7E-09	1.6E-07	1.1E-09	5.2E-08		
Dibromomethane	1.5E-19					7.3E-08	1.3E-06	9.1E-09	4.3E-07		
Dichlorodifluoromethane	1.7E-21					8.9E-08	1.6E-06	1.1E-08	5.3E-07		
Ethylbenzene	5.3E-16					1.9E-02	2.6E-03	8.7E-06	8.8E-04		
Isopropylbenzene	7.0E-19					5.6E-06	1.9E-04	7.0E-07	6.4E-05		
m&p-Xylene	8.4E-17					1.3E-05	4.4E-04	1.6E-06	1.5E-04		
Methyl Isobutyl Ketone (4-methyl-2-per	8.6E-19					1.3E-07	2.3E-06	1.6E-08	7.6E-07		
Methylene chloride	9.3E-18					6.4E-06	2.4E-04	8.1E-07	7.9E-05		
n-Butylbenzene						2.8E-06	8.3E-05	3.5E-07	2.8E-05		
n-Propylbenzene						3.3E-06	1.1E-04	4.2E-07	3.7E-05		
o-Xylene	9.9E-17					8.2E-06	2.7E-04	1.0E-06	9.1E-05		
p-Chlorotoluene						2.0E-07	6.0E-06	2.5E-08	2.0E-06		
p-Isopropyltoluene						1.4E-06	3.3E-05	1.7E-07	1.1E-05		
sec-Butylbenzene						5.1E-07	1.5E-05	6.4E-08	5.1E-06		
Styrene	3.3E-15					1.8E-04	6.7E-03	2.3E-05	2.2E-03		

Table H-255 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
tert-Butylbenzene						1.6E-05	2.9E-04	2.0E-06	9.7E-05		
Tetrachloroethene	2.4E-19					4.3E-08	1.5E-06	5.4E-09	5.0E-07		
Toluene	5.6E-16					1.1E-04	4.4E-03	1.4E-05	1.5E-03		
trans-1,2-Dichloroethene	2.1E-17					3.0E-05	5.4E-04	3.8E-06	1.8E-04		
trans-1,3-Dichloropropene						1.5E-08	2.7E-07	1.9E-09	9.0E-08		
Trichloroethene	2.4E-21					1.3E-02	4.6E-08	3.2E-10	1.5E-08		
Trichlorofluoromethane	3.7E-21					3.1E-08	5.6E-07	3.9E-09	1.9E-07		
Vinyl chloride	1.7E-19					1.1E-03	4.3E-05	2.2E-07	1.4E-05		

Table H-256 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	3.0E-05	1.0E-07	9.9E-06		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	5.2E-05	1.8E-07	1.7E-05		
Formaldehyde	4.5E-13					6.2E-07	2.0E-05	7.7E-08	6.8E-06		
Propionaldehyde				2.2E-15	7.2E-14	1.6E-07	5.8E-06	2.0E-08	1.9E-06	1.7E-14	1.2E-12
CO											
Carbon monoxide						4.5E-05	1.7E-03	5.6E-06	5.6E-04		
CO2											
Carbon dioxide						1.4E-06	5.0E-05	1.8E-07	1.7E-05		
Criteria											
Sulfur Dioxide						3.8E-07	1.2E-05	4.7E-08	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	4.0E-14	8.5E-15	3.2E-13	8.5E-13	3.4E-11	1.1E-13	1.1E-11	4.2E-19	3.4E-17
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	4.1E-14	8.6E-15	3.2E-13	8.6E-13	3.4E-11	1.1E-13	1.1E-11	4.2E-19	3.5E-17
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	4.9E-15	9.9E-16	3.9E-14	1.1E-13	4.4E-12	1.4E-14	1.5E-12	4.8E-20	4.2E-18
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	4.7E-15	9.7E-16	3.7E-14	1.0E-13	4.1E-12	1.3E-14	1.4E-12	4.7E-20	4.0E-18
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	3.8E-14	7.7E-15	3.0E-13	8.3E-13	3.3E-11	1.0E-13	1.1E-11	3.8E-19	3.2E-17
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	9.7E-15	2.0E-15	7.7E-14	2.1E-13	8.7E-12	2.7E-14	2.9E-12	9.7E-20	8.3E-18
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	1.2E-14	2.5E-15	9.8E-14	2.7E-13	1.1E-11	3.4E-14	3.6E-12	1.2E-19	1.1E-17
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.5E-14	3.1E-15	1.2E-13	3.2E-13	1.3E-11	4.1E-14	4.4E-12	1.5E-19	1.3E-17
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	8.9E-16	1.8E-16	7.1E-15	2.1E-14	8.4E-13	2.6E-15	2.8E-13	8.8E-21	7.6E-19
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	5.4E-15	1.1E-15	4.3E-14	1.3E-13	5.3E-12	1.6E-14	1.8E-12	5.4E-20	4.6E-18
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	6.4E-15	1.3E-15	5.1E-14	1.8E-13	7.5E-12	2.3E-14	2.5E-12	6.3E-20	5.5E-18

Table H-256 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.9E-14	3.9E-15	1.5E-13	4.2E-13	1.7E-11	5.2E-14	5.6E-12	1.9E-19	1.6E-17
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.5E-14	3.1E-15	1.2E-13	4.1E-13	1.7E-11	5.2E-14	5.6E-12	1.5E-19	1.3E-17
2,3,7,8-TCDD	2.7E-18	5.5E-17	8.0E-16	2.2E-16	6.3E-15	5.2E-14	1.7E-12	6.5E-15	5.8E-13	7.4E-18	4.7E-16
2,3,7,8-TCDF	8.2E-18	1.0E-16	2.0E-15	4.0E-16	1.6E-14	1.9E-13	7.8E-12	2.4E-14	2.6E-12	2.0E-20	1.7E-18
OCDD	2.5E-20	1.5E-15	2.7E-14	5.8E-15	2.1E-13	5.6E-13	2.2E-11	7.0E-14	7.4E-12	2.8E-19	2.3E-17
OCDF	9.3E-21	5.7E-16	1.0E-14	2.2E-15	8.0E-14	2.1E-13	8.2E-12	2.6E-14	2.7E-12	1.1E-19	8.6E-18
HCN											
Hydrogen cyanide						1.6E-07	6.2E-06	2.0E-08	2.1E-06		
Metals											
Aluminum				9.4E-03						4.6E-07	
Antimony	1.6E-17			4.3E-07		1.0E-08	2.6E-07	1.3E-09	8.6E-08	2.1E-11	
Arsenic	8.1E-16	2.0E-07	4.8E-17	4.6E-07	2.3E-16	5.9E-10	2.1E-08	7.4E-11	7.0E-09	3.8E-11	4.1E-20
Barium	2.7E-12			4.4E-09	1.5E-07	1.3E-07	3.4E-06	1.6E-08	1.1E-06	2.1E-13	1.6E-11
Beryllium	3.3E-17			1.0E-15	3.9E-14	4.3E-11	1.5E-09	5.4E-12	4.8E-10	5.1E-20	4.3E-18
Cadmium	8.3E-15			8.2E-16	3.1E-14	7.6E-10	2.6E-08	9.5E-11	8.8E-09	4.0E-20	3.4E-18
Chromium	2.8E-15			9.6E-11	3.7E-09	6.5E-09	2.3E-07	8.1E-10	7.7E-08	4.7E-15	4.0E-13
Cobalt				1.8E-05	1.4E-08	9.8E-09	1.8E-07	1.2E-09	6.0E-08	8.8E-10	1.5E-12
Copper				4.5E-10	1.7E-08	1.8E-08	6.1E-07	2.2E-09	2.0E-07	2.2E-14	1.8E-12
Iron				1.7E-02						8.4E-07	
Lead	6.9E-18			8.6E-05	3.8E-12	6.0E-09	2.0E-07	7.5E-10	6.5E-08	4.2E-09	4.1E-16
Manganese				8.0E-13	3.1E-11	5.5E-09	1.9E-07	6.8E-10	6.3E-08	3.9E-17	3.3E-15
Mercury (+2)				6.4E-14	2.0E-12	2.4E-11	8.3E-10	2.9E-12	2.8E-10	3.1E-18	2.1E-16
Mercury, elemental				2.3E-08		9.8E-14	3.5E-12	1.2E-14	1.2E-12	4.3E-08	
Methyl Mercury	1.3E-14			3.8E-15	1.5E-13					1.9E-19	1.6E-17

Table H-256 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			4.0E-04	1.6E-13	3.5E-09	1.2E-07	4.3E-10	4.0E-08	2.0E-08	1.7E-17
Phosphorus				7.5E-15	2.8E-13	2.6E-08	8.6E-07	3.3E-09	2.9E-07	7.2E-14	5.9E-12
Selenium	2.8E-16			4.0E-17	1.6E-15	1.7E-10	6.1E-09	2.2E-11	2.0E-09	2.0E-21	1.7E-19
Silver	2.1E-16			8.5E-13	3.2E-11	1.1E-10	3.7E-09	1.4E-11	1.2E-09	4.2E-17	3.4E-15
Titanium				8.0E-15	3.2E-13	6.1E-11	2.3E-09	7.6E-12	7.6E-10	3.9E-19	3.5E-17
Zinc	4.1E-12			1.8E-13	6.5E-12	1.4E-07	3.9E-06	1.7E-08	1.3E-06	9.0E-18	7.0E-16
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	5.2E-05	2.0E-07	1.7E-05		
PAHs											
1-Methylnaphthalene		2.4E-16	4.9E-15	2.2E-16	8.9E-15	3.3E-08	1.4E-06	4.1E-09	4.6E-07	2.5E-16	2.2E-14
1-Methylphenanthrene				1.5E-13	6.0E-12	3.9E-09	1.7E-07	4.9E-10	5.5E-08	7.1E-18	6.5E-16
2,3,5-Trimethylnaphthalene				6.8E-14	3.0E-12	1.9E-09	8.4E-08	2.4E-10	2.8E-08	3.3E-18	3.2E-16
2,6-Dimethylnaphthalene				1.9E-13	7.9E-12	5.1E-09	2.2E-07	6.4E-10	7.3E-08	9.1E-18	8.5E-16
2-Methylnaphthalene		2.3E-16	4.7E-15	2.1E-16	8.6E-15	3.2E-08	1.3E-06	4.0E-09	4.4E-07	2.4E-16	2.2E-14
Acenaphthylene				6.0E-13	2.5E-11	1.9E-08	8.0E-07	2.4E-09	2.7E-07	2.9E-17	2.7E-15
Acenaphthene	3.4E-15					3.5E-09	1.4E-07	4.3E-10	4.8E-08		
Anthracene	4.3E-14					6.1E-09	2.6E-07	7.6E-10	8.6E-08		
Benzo(a)anthracene	6.2E-12	9.0E-06	4.4E-11	8.1E-06	8.0E-11	3.0E-09	1.3E-07	3.7E-10	4.3E-08	1.2E-07	2.7E-12
Benzo(a)pyrene	3.1E-12	7.5E-06	1.8E-11	6.8E-06	3.3E-11	1.2E-09	4.9E-08	1.5E-10	1.6E-08	3.4E-10	3.6E-15
Benzo(b)fluoranthene	8.3E-13	1.2E-05	1.0E-12	1.1E-05	1.8E-12	1.3E-09	5.3E-08	1.6E-10	1.8E-08	5.5E-10	2.0E-16
Benzo(e)pyrene				3.4E-14	1.3E-12	1.0E-09	4.1E-08	1.3E-10	1.4E-08	1.7E-18	1.4E-16
Benzo(g,h,i)perylene				2.5E-14	1.0E-12	7.7E-10	3.2E-08	9.6E-11	1.1E-08	1.2E-18	1.1E-16
Benzo(k)fluoranthene	7.9E-15	6.6E-06	7.3E-13	6.0E-06	1.3E-12	1.2E-11	2.1E-10	1.5E-12	6.9E-11	2.9E-10	1.4E-16
Biphenyl				3.3E-15	1.4E-13	1.1E-07	4.7E-06	1.4E-08	1.6E-06	2.0E-15	1.8E-13

Table H-256 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	1.1E-12	9.4E-06	5.6E-11	8.6E-06	1.0E-10	5.1E-09	2.1E-07	6.4E-10	7.1E-08	4.2E-10	1.1E-14
Dibenze(a,h)anthracene	1.6E-13	1.5E-06	6.8E-12	1.3E-06	1.2E-11	1.9E-10	7.6E-09	2.3E-11	2.5E-09	6.5E-11	1.3E-15
Fluoranthene	2.8E-13	6.8E-14	1.4E-12	6.1E-14	2.5E-12	7.5E-09	3.1E-07	9.4E-10	1.0E-07	3.0E-18	2.7E-16
Fluorene	6.1E-14					1.9E-08	7.9E-07	2.3E-09	2.6E-07		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.9E-06	1.8E-11	1.8E-06	3.3E-11	6.2E-10	2.5E-08	7.7E-11	8.5E-09	8.6E-11	3.6E-15
Napthalene	2.8E-14	1.9E-07		1.7E-07		1.5E-07	6.2E-06	1.9E-08	2.1E-06	2.5E-07	
Perylene				1.3E-14	6.2E-13	4.6E-10	2.0E-08	5.8E-11	6.8E-09	6.5E-19	6.6E-17
Phenanthrene	2.9E-13					3.5E-08	1.5E-06	4.4E-09	4.8E-07		
Pyrene	2.0E-13	2.8E-13	5.7E-12	2.5E-13	1.0E-11	7.3E-09	3.0E-07	9.1E-10	1.0E-07	7.1E-15	6.4E-13
Particulate											
Particulate Total Suspended Particulate				3.0E-09	1.2E-07	2.3E-05	9.0E-04	2.9E-06	3.0E-04	1.5E-13	1.3E-11
PM<10				3.8E-09	1.6E-07	3.1E-05	1.2E-03	3.9E-06	4.0E-04	1.9E-13	1.7E-11
PM<2.5				3.2E-09	1.3E-07	2.6E-05	1.0E-03	3.3E-06	3.5E-04	1.6E-13	1.4E-11
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	2.0E-14	8.3E-16	3.3E-14	9.3E-11	3.8E-09	1.2E-11	1.3E-09	7.8E-17	6.8E-15
Heptachlorobiphenyl	2.3E-16	1.2E-16	2.2E-15	9.8E-17	3.8E-15	1.3E-12	5.1E-11	1.6E-13	1.7E-11	5.0E-18	4.2E-16
Hexachlorobiphenyl	9.4E-16	5.2E-16	9.4E-15	4.4E-16	1.6E-14	5.3E-12	2.1E-10	6.7E-13	6.9E-11	2.3E-17	1.8E-15
Monochlorobiphenyl	4.3E-14	6.9E-15	1.4E-13	5.8E-15	2.3E-13	6.5E-10	2.7E-08	8.1E-11	8.9E-09	5.4E-16	4.7E-14
Nonachlorobiphenyl	2.9E-17	2.0E-17	3.2E-16	1.7E-17	5.4E-16	1.8E-13	6.4E-12	2.2E-14	2.1E-12	8.8E-19	6.0E-17
Octachlorobiphenyl	6.9E-17	3.8E-17	6.9E-16	3.2E-17	1.2E-15	3.9E-13	1.5E-11	4.9E-14	5.1E-12	1.6E-18	1.3E-16
Pentachlorobiphenyl	3.1E-15	1.9E-15	3.2E-14	1.6E-15	5.5E-14	1.8E-11	6.9E-10	2.3E-12	2.3E-10	8.1E-17	6.1E-15
Tetrachlorobiphenyl	1.8E-15	3.8E-16	6.4E-15	3.2E-16	1.1E-14	3.0E-11	1.1E-09	3.8E-12	3.8E-10	3.0E-17	2.2E-15
Trichlorobiphenyl	2.4E-15	4.5E-16	8.1E-15	3.8E-16	1.4E-14	3.8E-11	1.5E-09	4.8E-12	4.9E-10	3.6E-17	2.8E-15
Pesticides											

Table H-256 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
DDE				6.4E-07						2.0E-08	
Dieldrin		6.2E-08		7.3E-08						3.6E-12	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	8.7E-09	3.4E-11	2.9E-09		
1,2-dichlorobenzene	2.8E-18					1.1E-10	1.9E-09	1.4E-11	6.5E-10		
1,3-Butadiene						2.7E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	5.5E-09	2.0E-11	1.8E-09		
1,4-dichlorobenzene	9.2E-17					1.5E-09	6.8E-08	1.9E-10	2.3E-08		
2,4-Dimethylphenol	2.5E-15					2.4E-08	9.5E-07	3.0E-09	3.2E-07		
2-Chlorophenol	1.3E-16					4.7E-09	2.1E-07	5.9E-10	6.9E-08		
2-Methylphenol	5.3E-14					5.6E-08	2.3E-06	7.0E-09	7.8E-07		
2-Nitrophenol	3.2E-16					7.6E-09	3.1E-07	9.4E-10	1.0E-07		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.5E-10	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.8E-16	1.7E-14
4-Nitrophenol	6.5E-16					1.3E-08	4.8E-07	1.6E-09	1.6E-07		
Acetophenone	3.9E-15					1.2E-07	4.9E-06	1.5E-08	1.6E-06		
Benzoic acid	1.6E-14					5.4E-07	2.2E-05	6.7E-08	7.5E-06		
Benzyl alcohol	9.8E-18					4.5E-09	1.4E-07	5.6E-10	4.5E-08		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	1.2E-10	8.0E-12	2.9E-10	1.9E-07	7.4E-06	2.4E-08	2.5E-06	3.9E-16	3.1E-14
Butyl benzyl phthalate	1.8E-13	3.3E-15	6.6E-14	3.8E-15	1.6E-13	6.0E-09	2.5E-07	7.5E-10	8.3E-08	1.9E-19	1.7E-17
Carbazole				1.4E-14	2.6E-13	1.7E-10	3.0E-09	2.1E-11	1.0E-09	6.9E-19	2.8E-17
Dibenzofuran		1.4E-16	2.9E-15	5.7E-16	2.3E-14	9.5E-09	3.9E-07	1.2E-09	1.3E-07	2.4E-16	2.1E-14
Dimethyl phthalate	6.5E-17					3.3E-10	5.9E-09	4.2E-11	2.0E-09		
Di-n-butyl phthalate	1.7E-12	3.3E-15	6.7E-14	3.9E-15	1.6E-13	9.2E-09	3.8E-07	1.1E-09	1.3E-07	1.9E-19	1.7E-17
Di-n-octyl phthalate	1.3E-17	9.4E-15	8.7E-14	1.1E-14	2.1E-13	6.4E-10	1.1E-08	8.0E-11	3.8E-09	5.5E-19	2.2E-17

Table H-256 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	7.9E-07	5.5E-09	2.6E-07		
Isopropanol						3.2E-03					
Phenol	1.5E-13					3.0E-07	1.2E-05	3.8E-08	4.2E-06		
Pyridine	7.7E-15					2.9E-08	1.2E-06	3.6E-09	4.0E-07		
TRS											
Total Reduced Sulfur						2.9E-07	1.3E-05	3.6E-08	4.2E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	4.6E-09	1.7E-11	1.5E-09		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	5.0E-09	1.7E-11	1.7E-09		
1,1-Dichloroethene	6.0E-21					2.6E-11	4.6E-10	3.2E-12	1.5E-10		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	2.0E-08	6.7E-11	6.6E-09		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	1.9E-09	1.4E-11	6.4E-10		
1,2,4-Trimethylbenzene						6.2E-09	2.0E-07	7.8E-10	6.6E-08		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.2E-09	8.6E-12	4.1E-10		
1,2-Dichloroethane	1.2E-17					2.8E-09	1.0E-07	1.0E-06	3.5E-08		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.7E-07	7.3E-10	5.8E-08		
1,3-Dichloropropane						6.7E-11	1.2E-09	8.4E-12	4.0E-10		
2-Butanone	2.4E-15					3.3E-08	1.3E-06	4.1E-09	4.4E-07		
2-Chlorotoluene						1.5E-09	6.1E-08	1.8E-10	2.0E-08		
2-Hexanone						6.8E-09	2.5E-07	8.4E-10	8.2E-08		
Benzene	2.0E-15					1.1E-04	3.4E-05	9.7E-06	1.1E-05		
Bromobenzene						3.7E-08	6.6E-07	4.7E-09	2.2E-07		
Bromochloromethane						8.8E-11	1.6E-09	1.1E-11	5.2E-10		
Bromodichloromethane	3.1E-19					9.5E-11	1.7E-09	1.2E-11	5.7E-10		

Table H-256 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	1.1E-07	4.8E-10	3.8E-08		
Carbon disulfide	1.3E-18					3.3E-09	9.8E-08	4.2E-10	3.3E-08		
Carbon tetrachloride	1.3E-19					1.4E-04	3.9E-09	1.5E-05	1.3E-09		
Chlorobenzene	4.7E-17					4.8E-09	1.7E-07	6.0E-10	5.7E-08		
Chlorodibromomethane	1.8E-17					2.4E-09	4.2E-08	3.0E-10	1.4E-08		
Chloroethane	3.7E-18					9.1E-09	3.2E-07	1.1E-09	1.1E-07		
Chloroform	2.8E-18					3.2E-05	3.8E-08	2.4E-06	1.3E-08		
Chloromethane	9.8E-18					3.1E-08	9.4E-07	3.9E-09	3.1E-07		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	7.1E-08	5.0E-10	2.4E-08		
cis-1,3-Dichloropropene						2.4E-11	4.3E-10	3.0E-12	1.4E-10		
Dibromomethane	4.2E-19					2.0E-10	3.6E-09	2.5E-11	1.2E-09		
Dichlorodifluoromethane	4.7E-21					2.5E-10	4.4E-09	3.1E-11	1.5E-09		
Ethylbenzene	1.5E-15					5.3E-05	7.4E-06	2.4E-08	2.5E-06		
Isopropylbenzene	2.0E-18					1.6E-08	5.4E-07	2.0E-09	1.8E-07		
m&p-Xylene	2.4E-16					3.6E-08	1.2E-06	4.6E-09	4.1E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	6.4E-09	4.5E-11	2.1E-09		
Methylene chloride	2.6E-17					1.8E-08	6.6E-07	2.3E-09	2.2E-07		
n-Butylbenzene						7.8E-09	2.3E-07	9.7E-10	7.7E-08		
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07		
o-Xylene	2.8E-16					2.3E-08	7.6E-07	2.9E-09	2.5E-07		
p-Chlorotoluene						5.5E-10	1.7E-08	6.9E-11	5.6E-09		
p-Isopropyltoluene						3.8E-09	9.2E-08	4.8E-10	3.1E-08		
sec-Butylbenzene						1.4E-09	4.3E-08	1.8E-10	1.4E-08		
Styrene	9.4E-15					5.1E-07	1.9E-05	6.4E-08	6.2E-06		

Table H-256 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						4.6E-08	8.1E-07	5.7E-09	2.7E-07		
Tetrachloroethene	6.6E-19					1.2E-10	4.2E-09	1.5E-11	1.4E-09		
Toluene	1.6E-15					3.2E-07	1.2E-05	3.9E-08	4.1E-06		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	1.5E-06	1.1E-08	5.0E-07		
trans-1,3-Dichloropropene						4.2E-11	7.5E-10	5.3E-12	2.5E-10		
Trichloroethene	6.8E-21					3.7E-05	1.3E-10	9.1E-13	4.3E-11		
Trichlorofluoromethane	1.0E-20					8.7E-11	1.6E-09	1.1E-11	5.2E-10		
Vinyl chloride	4.8E-19					3.0E-06	1.2E-07	6.2E-10	4.0E-08		

Table H-257 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			3.0E-04	3.7E-05	
Aldehydes					
Acetaldehyde			5.2E-04	6.5E-05	
Formaldehyde			2.2E-04	2.7E-05	
Propionaldehyde		8.0E-16	5.7E-05	7.1E-06	6.0E-12
CO					
Carbon monoxide			1.6E-02	2.0E-03	
CO2					
Carbon dioxide			5.0E-04	6.3E-05	
Criteria					
Sulfur Dioxide			1.4E-04	1.7E-05	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	4.4E-16	1.7E-15	3.0E-10	3.8E-11	8.6E-17
1,2,3,4,6,7,8-HpCDF	4.5E-16	1.8E-15	3.1E-10	3.8E-11	8.7E-17
1,2,3,4,7,8,9-HpCDF	5.2E-17	2.0E-16	3.9E-11	4.8E-12	9.9E-18
1,2,3,4,7,8-HxCDD	5.0E-17	2.0E-16	3.6E-11	4.5E-12	9.7E-18
1,2,3,4,7,8-HxCDF	4.0E-16	1.6E-15	3.0E-10	3.7E-11	7.7E-17
1,2,3,6,7,8-HxCDD	1.0E-16	4.0E-16	7.6E-11	9.6E-12	2.0E-17
1,2,3,6,7,8-HxCDF	1.3E-16	5.2E-16	9.6E-11	1.2E-11	2.5E-17
1,2,3,7,8,9-HxCDD	1.6E-16	6.4E-16	1.2E-10	1.4E-11	3.1E-17
1,2,3,7,8,9-HxCDF	9.4E-18	3.7E-17	7.4E-12	9.2E-13	1.8E-18

Table H-257 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	5.7E-17	2.2E-16	4.6E-11	5.8E-12	1.1E-17
1,2,3,7,8-PeCDF	6.7E-17	2.6E-16	6.6E-11	8.2E-12	1.3E-17
2,3,4,6,7,8-HxCDF	2.0E-16	8.1E-16	1.5E-10	1.9E-11	4.0E-17
2,3,4,7,8-PeCDF	1.6E-16	6.3E-16	1.5E-10	1.8E-11	3.1E-17
2,3,7,8-TCDD	1.2E-17	4.5E-17	1.9E-11	2.3E-12	1.5E-15
2,3,7,8-TCDF	2.1E-17	8.3E-17	6.8E-11	8.5E-12	4.1E-18
OCDD	3.0E-16	1.2E-15	2.0E-10	2.5E-11	5.8E-17
OCDF	1.2E-16	4.6E-16	7.5E-11	9.4E-12	2.2E-17
HCN					
Hydrogen cyanide			5.7E-05	7.1E-06	
Metals					
Aluminum		3.9E-03			1.9E-04
Antimony		9.1E-08	3.7E-06	4.7E-07	4.5E-09
Arsenic	2.1E-07	5.0E-07	2.1E-07	2.7E-08	4.1E-08
Barium		9.7E-10	4.5E-05	5.6E-06	4.8E-11
Beryllium		3.7E-16	1.5E-08	1.9E-09	1.8E-17
Cadmium		2.9E-16	2.7E-07	3.4E-08	1.4E-17
Chromium		2.5E-11	2.3E-06	2.9E-07	1.2E-12
Cobalt		1.1E-05	3.5E-06	4.4E-07	5.5E-07
Copper		1.0E-10	6.3E-06	7.9E-07	5.1E-12
Iron		9.1E-03			4.4E-04
Lead		3.2E-05	2.1E-06	2.7E-07	1.6E-06

Table H-257 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		2.8E-13	1.9E-06	2.4E-07	1.4E-14
Mercury (+2)		1.1E-14	8.4E-09	1.1E-09	5.6E-16
Mercury, elemental		3.5E-07	3.5E-11	4.4E-12	6.8E-04
Methyl Mercury		6.8E-16			3.3E-17
Nickel		2.1E-04	1.2E-06	1.5E-07	1.0E-05
Phosphorus		2.7E-15	9.4E-06	1.2E-06	2.6E-11
Selenium		1.4E-17	6.2E-08	7.8E-09	7.1E-19
Silver		2.6E-13	4.1E-08	5.1E-09	1.3E-14
Thallium (Soluble Salts)		9.6E-08			4.7E-09
Titanium		2.9E-15	2.2E-08	2.7E-09	1.4E-16
Zinc		6.6E-14	4.9E-05	6.1E-06	3.2E-15
NOx					
NOx (Oxides of Nitrogen)			5.6E-04	7.0E-05	
PAHs					
1-Methylnaphthalene	8.5E-17	7.7E-17	1.2E-05	1.5E-06	8.8E-14
1-Methylphenanthrene		5.2E-14	1.4E-06	1.8E-07	2.5E-15
2,3,5-Trimethylnaphthalene		2.4E-14	7.0E-07	8.7E-08	1.2E-15
2,6-Dimethylnaphthalene		6.6E-14	1.8E-06	2.3E-07	3.3E-15
2-Methylnaphthalene	8.2E-17	7.5E-17	1.1E-05	1.4E-06	8.6E-14
Acenaphthylene		2.1E-13	6.7E-06	8.4E-07	1.0E-14
Acenaphthene			1.2E-06	1.5E-07	
Anthracene			2.2E-06	2.7E-07	

Table H-257 (Lifetime Average Daily Dose)

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Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)anthracene	3.2E-08	2.9E-08	1.1E-06	1.3E-07	4.4E-07
Benzo(a)pyrene	3.0E-08	2.7E-08	4.2E-07	5.3E-08	1.3E-09
Benzo(b)fluoranthene	4.7E-08	4.3E-08	4.7E-07	5.9E-08	2.1E-09
Benzo(e)pyrene		1.2E-14	3.6E-07	4.5E-08	6.0E-16
Benzo(g,h,i)perylene		9.0E-15	2.7E-07	3.4E-08	4.4E-16
Benzo(k)fluoranthene	2.5E-08	2.3E-08	4.2E-09	5.2E-10	1.1E-09
Biphenyl		1.2E-15	4.0E-05	5.0E-06	7.0E-13
Chrysene	4.0E-08	3.7E-08	1.8E-06	2.3E-07	1.8E-09
Dibenzo(a,h)anthracene	7.1E-09	6.4E-09	6.6E-08	8.3E-09	3.1E-10
Fluoranthene	2.3E-14	2.1E-14	2.7E-06	3.3E-07	1.0E-15
Fluorene			6.7E-06	8.4E-07	
Indeno(1,2,3-cd)pyrene	2.0E-08	1.8E-08	2.2E-07	2.7E-08	9.0E-10
Napthalene			5.3E-05	6.6E-06	
Perylene		4.7E-15	1.6E-07	2.1E-08	2.3E-16
Phenanthrene			1.3E-05	1.6E-06	
Pyrene	7.7E-14	7.0E-14	2.6E-06	3.3E-07	1.9E-12
Particulate					
Particulate Total Suspended Particulate		1.1E-09	8.4E-03	1.0E-03	5.2E-11
PM<10		1.4E-09	1.1E-02	1.4E-03	6.7E-11
PM<2.5		1.1E-09	9.4E-03	1.2E-03	5.6E-11
PCBs					
Dichlorobiphenyl	2.1E-16	1.7E-16	3.3E-08	4.1E-09	1.6E-14

Table H-257 (Lifetime Average Daily Dose)

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Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Heptachlorobiphenyl	2.4E-17	2.0E-17	4.5E-10	5.7E-11	1.0E-15
Hexachlorobiphenyl	1.1E-16	9.1E-17	1.9E-09	2.4E-10	4.6E-15
Monochlorobiphenyl	1.4E-15	1.2E-15	2.3E-07	2.9E-08	1.1E-13
Nonachlorobiphenyl	4.2E-18	3.6E-18	6.4E-11	8.0E-12	1.8E-16
Octachlorobiphenyl	7.7E-18	6.5E-18	1.4E-10	1.7E-11	3.3E-16
Pentachlorobiphenyl	3.9E-16	3.3E-16	6.5E-09	8.1E-10	1.7E-14
Tetrachlorobiphenyl	7.9E-17	6.6E-17	1.1E-08	1.3E-09	6.2E-15
Trichlorobiphenyl	9.5E-17	8.0E-17	1.4E-08	1.7E-09	7.4E-15
Pesticides					
DDE		3.2E-08			1.0E-06
Dieldrin	1.7E-10	2.0E-10			9.7E-12
SVOCs					
1,2,4-trichlorobenzene			9.6E-08	1.2E-08	
1,2-dichlorobenzene			3.9E-08	4.9E-09	
1,3-dichlorobenzene			5.8E-08	7.2E-09	
1,4-dichlorobenzene			5.4E-07	6.8E-08	
1,4-Dioxane			4.6E-02		
2,4-Dimethylphenol			8.5E-06	1.1E-06	
2-Chlorophenol			1.7E-06	2.1E-07	
2-Methylphenol			2.0E-05	2.5E-06	
2-Nitrophenol			2.7E-06	3.4E-07	
3-Methylphenol & 4-Methylphenol		1.3E-12	3.6E-05	4.5E-06	6.5E-14

Table H-257 (Lifetime Average Daily Dose)

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Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
4-Nitrophenol			4.5E-06	5.6E-07	
Acetophenone			4.2E-05	5.3E-06	
Benzoic acid			1.9E-04	2.4E-05	
Benzyl alcohol			1.6E-06	2.0E-07	
bis(2-Ethylhexyl) phthalate	2.4E-12	2.8E-12	6.8E-05	8.5E-06	1.4E-13
Butyl benzyl phthalate	1.2E-15	1.4E-15	2.1E-06	2.7E-07	6.7E-17
Carbazole		5.0E-15	6.0E-08	7.5E-09	2.5E-16
Dibenzofuran	5.1E-17	2.0E-16	3.4E-06	4.3E-07	8.6E-14
Dimethyl phthalate			1.2E-07	1.5E-08	
Di-n-butyl phthalate	1.2E-15	1.4E-15	3.3E-06	4.1E-07	6.7E-17
Di-n-octyl phthalate	3.4E-15	4.0E-15	2.3E-07	2.9E-08	1.9E-16
Hexachlorobutadiene			1.6E-05	2.0E-06	
Isopropanol			7.3E-01		
Phenol			1.1E-04	1.3E-05	
Pyridine			1.0E-05	1.3E-06	
TRS					
Total Reduced Sulfur			1.0E-04	1.3E-05	
VOCs					
1,1,1,2-Tetrachloroethane			4.8E-08	6.0E-09	
1,1,1-Trichloroethane			4.7E-08	5.9E-09	
1,1-Dichloroethene			9.3E-09	1.2E-09	
1,2,3-Trichlorobenzene			1.9E-07	2.4E-08	

Table H-257 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3-Trichloropropane			3.9E-08	4.8E-09	
1,2,4-Trimethylbenzene			2.2E-06	2.8E-07	
1,2-Dibromoethane			2.5E-08	3.1E-09	
1,2-Dichloroethane			9.9E-07	3.6E-04	
1,3,5-Trimethylbenzene			2.1E-06	2.6E-07	
1,3-Dichloropropane			2.4E-08	3.0E-09	
2-Butanone			1.2E-05	1.5E-06	
2-Chlorotoluene			5.3E-07	6.6E-08	
2-Hexanone			2.4E-06	3.0E-07	
Benzene			2.3E-02	3.5E-03	
Bromobenzene			1.3E-05	1.7E-06	
Bromochloromethane			3.1E-08	3.9E-09	
Bromodichloromethane			3.4E-08	4.3E-09	
Bromomethane			1.4E-06	1.7E-07	
Carbon disulfide			1.2E-06	1.5E-07	
Carbon tetrachloride			4.6E-02	5.5E-03	
Chlorobenzene			1.7E-06	2.1E-07	
Chlorodibromomethane			8.5E-07	1.1E-07	
Chloroethane			3.3E-06	4.1E-07	
Chloroform			1.5E-02	8.6E-04	
Chloromethane			1.1E-05	1.4E-06	
cis-1,2-Dichloroethene			1.4E-06	1.8E-07	

Table H-257 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
cis-1,3-Dichloropropene			8.7E-09	1.1E-09	
Dibromomethane			7.3E-08	9.1E-09	
Dichlorodifluoromethane			8.9E-08	1.1E-08	
Ethylbenzene			1.3E-02	8.7E-06	
Isopropylbenzene			5.6E-06	7.0E-07	
m&p-Xylene			1.3E-05	1.6E-06	
Methyl Isobutyl Ketone (4-methyl-2-penta			1.3E-07	1.6E-08	
Methylene chloride			6.4E-06	8.1E-07	
n-Butylbenzene			2.8E-06	3.5E-07	
n-Propylbenzene			3.3E-06	4.2E-07	
o-Xylene			8.2E-06	1.0E-06	
p-Chlorotoluene			2.0E-07	2.5E-08	
p-Isopropyltoluene			1.4E-06	1.7E-07	
sec-Butylbenzene			5.1E-07	6.4E-08	
Styrene			1.8E-04	2.3E-05	
tert-Butylbenzene			1.6E-05	2.0E-06	
Tetrachloroethene			4.3E-08	5.4E-09	
Toluene			1.1E-04	1.4E-05	
trans-1,2-Dichloroethene			3.0E-05	3.8E-06	
trans-1,3-Dichloropropene			1.5E-08	1.9E-09	
Trichloroethene			3.6E-03	3.2E-10	
Trichlorofluoromethane			3.1E-08	3.9E-09	

Table H-257 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Vinyl chloride			5.0E-03	2.2E-07	

Table H-258 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			8.4E-07	1.0E-07	
Aldehydes					
Acetaldehyde			1.4E-06	1.8E-07	
Formaldehyde			6.2E-07	7.7E-08	
Propionaldehyde		2.2E-15	1.6E-07	2.0E-08	1.7E-14
CO					
Carbon monoxide			4.5E-05	5.6E-06	
CO2					
Carbon dioxide			1.4E-06	1.8E-07	
Criteria					
Sulfur Dioxide			3.8E-07	4.7E-08	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	2.2E-15	8.5E-15	8.5E-13	1.1E-13	4.2E-19
1,2,3,4,6,7,8-HpCDF	2.2E-15	8.6E-15	8.6E-13	1.1E-13	4.2E-19
1,2,3,4,7,8,9-HpCDF	2.5E-16	9.9E-16	1.1E-13	1.4E-14	4.8E-20
1,2,3,4,7,8-HxCDD	2.5E-16	9.7E-16	1.0E-13	1.3E-14	4.7E-20
1,2,3,4,7,8-HxCDF	2.0E-15	7.7E-15	8.3E-13	1.0E-13	3.8E-19
1,2,3,6,7,8-HxCDD	5.0E-16	2.0E-15	2.1E-13	2.7E-14	9.7E-20
1,2,3,6,7,8-HxCDF	6.4E-16	2.5E-15	2.7E-13	3.4E-14	1.2E-19
1,2,3,7,8,9-HxCDD	7.9E-16	3.1E-15	3.2E-13	4.1E-14	1.5E-19
1,2,3,7,8,9-HxCDF	4.6E-17	1.8E-16	2.1E-14	2.6E-15	8.8E-21

Table H-258 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	2.8E-16	1.1E-15	1.3E-13	1.6E-14	5.4E-20
1,2,3,7,8-PeCDF	3.3E-16	1.3E-15	1.8E-13	2.3E-14	6.3E-20
2,3,4,6,7,8-HxCDF	1.0E-15	3.9E-15	4.2E-13	5.2E-14	1.9E-19
2,3,4,7,8-PeCDF	7.8E-16	3.1E-15	4.1E-13	5.2E-14	1.5E-19
2,3,7,8-TCDD	5.5E-17	2.2E-16	5.2E-14	6.5E-15	7.4E-18
2,3,7,8-TCDF	1.0E-16	4.0E-16	1.9E-13	2.4E-14	2.0E-20
OCDD	1.5E-15	5.8E-15	5.6E-13	7.0E-14	2.8E-19
OCDF	5.7E-16	2.2E-15	2.1E-13	2.6E-14	1.1E-19
HCN					
Hydrogen cyanide			1.6E-07	2.0E-08	
Metals					
Aluminum		1.1E-02			5.3E-07
Antimony		2.6E-07	1.0E-08	1.3E-09	1.3E-11
Arsenic	6.0E-07	1.4E-06	5.9E-10	7.4E-11	1.2E-10
Barium		4.4E-09	1.3E-07	1.6E-08	2.1E-13
Beryllium		1.0E-15	4.3E-11	5.4E-12	5.1E-20
Cadmium		8.2E-16	7.6E-10	9.5E-11	4.0E-20
Chromium		9.6E-11	6.5E-09	8.1E-10	4.7E-15
Cobalt		3.1E-05	9.8E-09	1.2E-09	1.5E-09
Copper		4.5E-10	1.8E-08	2.2E-09	2.2E-14
Iron		2.5E-02			1.2E-06
Lead		9.0E-05	6.0E-09	7.5E-10	4.4E-09

Table H-258 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		8.0E-13	5.5E-09	6.8E-10	3.9E-17
Mercury (+2)		6.4E-14	2.4E-11	2.9E-12	3.1E-18
Mercury, elemental		9.8E-07	9.8E-14	1.2E-14	1.9E-06
Methyl Mercury		3.8E-15			1.9E-19
Nickel		5.8E-04	3.5E-09	4.3E-10	2.9E-08
Phosphorus		7.5E-15	2.6E-08	3.3E-09	7.2E-14
Selenium		4.0E-17	1.7E-10	2.2E-11	2.0E-21
Silver		8.5E-13	1.1E-10	1.4E-11	4.2E-17
Thallium (Soluble Salts)		2.7E-07			1.3E-11
Titanium		8.0E-15	6.1E-11	7.6E-12	3.9E-19
Zinc		1.8E-13	1.4E-07	1.7E-08	9.0E-18
NOx					
NOx (Oxides of Nitrogen)			1.6E-06	2.0E-07	
PAHs					
1-Methylnaphthalene	2.4E-16	2.2E-16	3.3E-08	4.1E-09	2.5E-16
1-Methylphenanthrene		1.5E-13	3.9E-09	4.9E-10	7.1E-18
2,3,5-Trimethylnaphthalene		6.8E-14	1.9E-09	2.4E-10	3.3E-18
2,6-Dimethylnaphthalene		1.9E-13	5.1E-09	6.4E-10	9.1E-18
2-Methylnaphthalene	2.3E-16	2.1E-16	3.2E-08	4.0E-09	2.4E-16
Acenaphthylene		6.0E-13	1.9E-08	2.4E-09	2.9E-17
Acenaphthene			3.5E-09	4.3E-10	
Anthracene			6.1E-09	7.6E-10	

Table H-258 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)anthracene	9.0E-08	8.1E-08	3.0E-09	3.7E-10	1.2E-09
Benzo(a)pyrene	8.5E-08	7.7E-08	1.2E-09	1.5E-10	3.8E-12
Benzo(b)fluoranthene	1.3E-07	1.2E-07	1.3E-09	1.6E-10	5.9E-12
Benzo(e)pyrene		3.4E-14	1.0E-09	1.3E-10	1.7E-18
Benzo(g,h,i)perylene		2.5E-14	7.7E-10	9.6E-11	1.2E-18
Benzo(k)fluoranthene	7.1E-08	6.4E-08	1.2E-11	1.5E-12	3.1E-12
Biphenyl		3.3E-15	1.1E-07	1.4E-08	2.0E-15
Chrysene	1.1E-07	1.0E-07	5.1E-09	6.4E-10	5.0E-12
Dibenzo(a,h)anthracene	2.0E-08	1.8E-08	1.9E-10	2.3E-11	8.8E-13
Fluoranthene	6.8E-14	6.1E-14	7.5E-09	9.4E-10	3.0E-18
Fluorene			1.9E-08	2.3E-09	
Indeno(1,2,3-cd)pyrene	5.7E-08	5.1E-08	6.2E-10	7.7E-11	2.5E-12
Napthalene			1.5E-07	1.9E-08	
Perylene		1.3E-14	4.6E-10	5.8E-11	6.5E-19
Phenanthrene			3.5E-08	4.4E-09	
Pyrene	2.8E-13	2.5E-13	7.3E-09	9.1E-10	7.1E-15
Particulate					
Particulate Total Suspended Particulate		3.0E-09	2.3E-05	2.9E-06	1.5E-13
PM<10		3.8E-09	3.1E-05	3.9E-06	1.9E-13
PM<2.5		3.2E-09	2.6E-05	3.3E-06	1.6E-13
PCBs					
Dichlorobiphenyl	9.9E-16	8.3E-16	9.3E-11	1.2E-11	7.8E-17

Table H-258 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Heptachlorobiphenyl	1.2E-16	9.8E-17	1.3E-12	1.6E-13	5.0E-18
Hexachlorobiphenyl	5.2E-16	4.4E-16	5.3E-12	6.7E-13	2.3E-17
Monochlorobiphenyl	6.9E-15	5.8E-15	6.5E-10	8.1E-11	5.4E-16
Nonachlorobiphenyl	2.0E-17	1.7E-17	1.8E-13	2.2E-14	8.8E-19
Octachlorobiphenyl	3.8E-17	3.2E-17	3.9E-13	4.9E-14	1.6E-18
Pentachlorobiphenyl	1.9E-15	1.6E-15	1.8E-11	2.3E-12	8.1E-17
Tetrachlorobiphenyl	3.8E-16	3.2E-16	3.0E-11	3.8E-12	3.0E-17
Trichlorobiphenyl	4.5E-16	3.8E-16	3.8E-11	4.8E-12	3.6E-17
Pesticides					
DDE		9.0E-08			2.9E-09
Dieldrin	4.7E-10	5.6E-10			2.7E-14
SVOCs					
1,2,4-trichlorobenzene			2.7E-10	3.4E-11	
1,2-dichlorobenzene			1.1E-10	1.4E-11	
1,3-dichlorobenzene			1.6E-10	2.0E-11	
1,4-dichlorobenzene			1.5E-09	1.9E-10	
1,4-Dioxane			1.3E-04		
2,4-Dimethylphenol			2.4E-08	3.0E-09	
2-Chlorophenol			4.7E-09	5.9E-10	
2-Methylphenol			5.6E-08	7.0E-09	
2-Nitrophenol			7.6E-09	9.4E-10	
3-Methylphenol & 4-Methylphenol		3.7E-12	1.0E-07	1.3E-08	1.8E-16

Table H-258 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
4-Nitrophenol			1.3E-08	1.6E-09	
Acetophenone			1.2E-07	1.5E-08	
Benzoic acid			5.4E-07	6.7E-08	
Benzyl alcohol			4.5E-09	5.6E-10	
bis(2-Ethylhexyl) phthalate	6.7E-12	8.0E-12	1.9E-07	2.4E-08	3.9E-16
Butyl benzyl phthalate	3.3E-15	3.8E-15	6.0E-09	7.5E-10	1.9E-19
Carbazole		1.4E-14	1.7E-10	2.1E-11	6.9E-19
Dibenzofuran	1.4E-16	5.7E-16	9.5E-09	1.2E-09	2.4E-16
Dimethyl phthalate			3.3E-10	4.2E-11	
Di-n-butyl phthalate	3.3E-15	3.9E-15	9.2E-09	1.1E-09	1.9E-19
Di-n-octyl phthalate	9.4E-15	1.1E-14	6.4E-10	8.0E-11	5.5E-19
Hexachlorobutadiene			4.4E-08	5.5E-09	
Isopropanol			2.0E-03		
Phenol			3.0E-07	3.8E-08	
Pyridine			2.9E-08	3.6E-09	
TRS					
Total Reduced Sulfur			2.9E-07	3.6E-08	
VOCs					
1,1,1,2-Tetrachloroethane			1.3E-10	1.7E-11	
1,1,1-Trichloroethane			1.3E-10	1.7E-11	
1,1-Dichloroethene			2.6E-11	3.2E-12	
1,2,3-Trichlorobenzene			5.3E-10	6.7E-11	

Table H-258 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3-Trichloropropane			1.1E-10	1.4E-11	
1,2,4-Trimethylbenzene			6.2E-09	7.8E-10	
1,2-Dibromoethane			6.9E-11	8.6E-12	
1,2-Dichloroethane			2.8E-09	1.0E-06	
1,3,5-Trimethylbenzene			5.9E-09	7.3E-10	
1,3-Dichloropropane			6.7E-11	8.4E-12	
2-Butanone			3.3E-08	4.1E-09	
2-Chlorotoluene			1.5E-09	1.8E-10	
2-Hexanone			6.8E-09	8.4E-10	
Benzene			6.4E-05	9.7E-06	
Bromobenzene			3.7E-08	4.7E-09	
Bromochloromethane			8.8E-11	1.1E-11	
Bromodichloromethane			9.5E-11	1.2E-11	
Bromomethane			3.8E-09	4.8E-10	
Carbon disulfide			3.3E-09	4.2E-10	
Carbon tetrachloride			1.3E-04	1.5E-05	
Chlorobenzene			4.8E-09	6.0E-10	
Chlorodibromomethane			2.4E-09	3.0E-10	
Chloroethane			9.1E-09	1.1E-09	
Chloroform			4.3E-05	2.4E-06	
Chloromethane			3.1E-08	3.9E-09	
cis-1,2-Dichloroethene			4.0E-09	5.0E-10	

Table H-258 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
cis-1,3-Dichloropropene			2.4E-11	3.0E-12	
Dibromomethane			2.0E-10	2.5E-11	
Dichlorodifluoromethane			2.5E-10	3.1E-11	
Ethylbenzene			3.7E-05	2.4E-08	
Isopropylbenzene			1.6E-08	2.0E-09	
m&p-Xylene			3.6E-08	4.6E-09	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.6E-10	4.5E-11	
Methylene chloride			1.8E-08	2.3E-09	
n-Butylbenzene			7.8E-09	9.7E-10	
n-Propylbenzene			9.4E-09	1.2E-09	
o-Xylene			2.3E-08	2.9E-09	
p-Chlorotoluene			5.5E-10	6.9E-11	
p-Isopropyltoluene			3.8E-09	4.8E-10	
sec-Butylbenzene			1.4E-09	1.8E-10	
Styrene			5.1E-07	6.4E-08	
tert-Butylbenzene			4.6E-08	5.7E-09	
Tetrachloroethene			1.2E-10	1.5E-11	
Toluene			3.2E-07	3.9E-08	
trans-1,2-Dichloroethene			8.4E-08	1.1E-08	
trans-1,3-Dichloropropene			4.2E-11	5.3E-12	
Trichloroethene			1.0E-05	9.1E-13	
Trichlorofluoromethane			8.7E-11	1.1E-11	

Table H-258 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Vinyl chloride			1.4E-05	6.2E-10	

Table H-259 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.0E-04	1.1E-02	3.7E-05	3.5E-03		
Aldehydes											
Acetaldehyde	3.3E-14					5.2E-04	1.9E-02	6.5E-05	6.2E-03		
Formaldehyde	1.6E-13					2.2E-04	7.3E-03	2.7E-05	2.4E-03		
Propionaldehyde				8.0E-16	2.6E-14	5.7E-05	2.1E-03	7.1E-06	6.9E-04	6.0E-12	4.2E-10
CO											
Carbon monoxide						1.6E-02	6.0E-01	2.0E-03	2.0E-01		
CO2											
Carbon dioxide						5.0E-04	1.8E-02	6.3E-05	6.0E-03		
Criteria											
Sulfur Dioxide						1.4E-04	4.4E-03	1.7E-05	1.5E-03		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	4.4E-19	4.4E-16	8.3E-15	1.7E-15	6.6E-14	3.0E-10	1.2E-08	3.8E-11	4.0E-09	8.6E-17	7.1E-15
1,2,3,4,6,7,8-HpCDF	4.3E-19	4.5E-16	8.3E-15	1.8E-15	6.6E-14	3.1E-10	1.2E-08	3.8E-11	4.0E-09	8.7E-17	7.1E-15
1,2,3,4,7,8,9-HpCDF	6.5E-20	5.2E-17	1.0E-15	2.0E-16	7.9E-15	3.9E-11	1.6E-09	4.8E-12	5.3E-10	9.9E-18	8.5E-16
1,2,3,4,7,8-HxCDD	5.0E-19	5.0E-17	9.7E-16	2.0E-16	7.7E-15	3.6E-11	1.5E-09	4.5E-12	4.9E-10	9.7E-18	8.3E-16
1,2,3,4,7,8-HxCDF	3.4E-18	4.0E-16	7.7E-15	1.6E-15	6.1E-14	3.0E-10	1.2E-08	3.7E-11	4.0E-09	7.7E-17	6.6E-15
1,2,3,6,7,8-HxCDD	9.5E-19	1.0E-16	2.0E-15	4.0E-16	1.6E-14	7.6E-11	3.1E-09	9.6E-12	1.0E-09	2.0E-17	1.7E-15
1,2,3,6,7,8-HxCDF	1.3E-18	1.3E-16	2.5E-15	5.2E-16	2.0E-14	9.6E-11	3.9E-09	1.2E-11	1.3E-09	2.5E-17	2.2E-15
1,2,3,7,8,9-HxCDD	1.4E-18	1.6E-16	3.1E-15	6.4E-16	2.5E-14	1.2E-10	4.7E-09	1.4E-11	1.6E-09	3.1E-17	2.7E-15
1,2,3,7,8,9-HxCDF	1.0E-19	9.4E-18	1.8E-16	3.7E-17	1.4E-15	7.4E-12	3.0E-10	9.2E-13	1.0E-10	1.8E-18	1.6E-16
1,2,3,7,8-PeCDD	2.6E-18	5.7E-17	1.1E-15	2.2E-16	8.8E-15	4.6E-11	1.9E-09	5.8E-12	6.3E-10	1.1E-17	9.5E-16
1,2,3,7,8-PeCDF	3.7E-18	6.7E-17	1.3E-15	2.6E-16	1.0E-14	6.6E-11	2.7E-09	8.2E-12	9.0E-10	1.3E-17	1.1E-15

Table H-259 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	1.8E-18	2.0E-16	3.9E-15	8.1E-16	3.0E-14	1.5E-10	5.9E-09	1.9E-11	2.0E-09	4.0E-17	3.3E-15
2,3,4,7,8-PeCDF	5.8E-18	1.6E-16	3.1E-15	6.3E-16	2.5E-14	1.5E-10	6.0E-09	1.8E-11	2.0E-09	3.1E-17	2.7E-15
2,3,7,8-TCDD	8.9E-19	1.2E-17	1.7E-16	4.5E-17	1.3E-15	1.9E-11	6.2E-10	2.3E-12	2.1E-10	1.5E-15	9.8E-14
2,3,7,8-TCDF	2.9E-18	2.1E-17	4.2E-16	8.3E-17	3.3E-15	6.8E-11	2.8E-09	8.5E-12	9.3E-10	4.1E-18	3.6E-16
OCDD	5.9E-21	3.0E-16	5.5E-15	1.2E-15	4.4E-14	2.0E-10	7.9E-09	2.5E-11	2.6E-09	5.8E-17	4.7E-15
OCDF	2.2E-21	1.2E-16	2.1E-15	4.6E-16	1.6E-14	7.5E-11	2.9E-09	9.4E-12	9.8E-10	2.2E-17	1.8E-15
HCN											
Hydrogen cyanide						5.7E-05	2.2E-03	7.1E-06	7.3E-04		
Metals											
Aluminum				3.9E-03						1.9E-04	
Antimony	5.6E-18			9.1E-08		3.7E-06	9.2E-05	4.7E-07	3.1E-05	4.5E-09	
Arsenic	2.9E-16	2.1E-07	1.7E-17	5.0E-07	8.1E-17	2.1E-07	7.5E-06	2.7E-08	2.5E-06	4.1E-08	1.5E-17
Barium	7.7E-13			9.7E-10	3.4E-08	4.5E-05	1.2E-03	5.6E-06	4.0E-04	4.8E-11	3.6E-09
Beryllium	1.2E-17			3.7E-16	1.4E-14	1.5E-08	5.2E-07	1.9E-09	1.7E-07	1.8E-17	1.5E-15
Cadmium	3.0E-15			2.9E-16	1.1E-14	2.7E-07	9.4E-06	3.4E-08	3.1E-06	1.4E-17	1.2E-15
Chromium	8.7E-16			2.5E-11	9.9E-10	2.3E-06	8.3E-05	2.9E-07	2.8E-05	1.2E-12	1.1E-10
Cobalt				1.1E-05	3.1E-09	3.5E-06	6.4E-05	4.4E-07	2.1E-05	5.5E-07	3.4E-10
Copper				1.0E-10	3.9E-09	6.3E-06	2.2E-04	7.9E-07	7.2E-05	5.1E-12	4.3E-10
Iron				9.1E-03						4.4E-04	
Lead	2.5E-18			3.2E-05	1.4E-12	2.1E-06	7.0E-05	2.7E-07	2.3E-05	1.6E-06	1.5E-13
Manganese				2.8E-13	1.1E-11	1.9E-06	6.7E-05	2.4E-07	2.2E-05	1.4E-14	1.2E-12
Mercury (+2)				1.1E-14	3.5E-13	8.4E-09	3.0E-07	1.1E-09	9.9E-08	5.6E-16	3.8E-14
Mercury, elemental				3.5E-07		3.5E-11	1.2E-09	4.4E-12	4.1E-10	6.8E-04	
Methyl Mercury	3.0E-15			6.8E-16	2.6E-14					3.3E-17	2.8E-15

Table H-259 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	1.2E-15			2.1E-04	5.5E-14	1.2E-06	4.3E-05	1.5E-07	1.4E-05	1.0E-05	6.0E-15
Phosphorus				2.7E-15	9.9E-14	9.4E-06	3.1E-04	1.2E-06	1.0E-04	2.6E-11	2.1E-09
Selenium	9.9E-17			1.4E-17	5.5E-16	6.2E-08	2.2E-06	7.8E-09	7.3E-07	7.1E-19	6.0E-17
Silver	7.1E-17			2.6E-13	9.9E-12	4.1E-08	1.3E-06	5.1E-09	4.5E-07	1.3E-14	1.1E-12
Thallium (Soluble Salts)				9.6E-08						4.7E-09	
Titanium				2.9E-15	1.2E-13	2.2E-08	8.1E-07	2.7E-09	2.7E-07	1.4E-16	1.2E-14
Zinc	1.5E-12			6.6E-14	2.3E-12	4.9E-05	1.4E-03	6.1E-06	4.7E-04	3.2E-15	2.5E-13
NOx											
NOx (Oxides of Nitrogen)						5.6E-04	1.9E-02	7.0E-05	6.2E-03		
PAHs											
1-Methylnaphthalene		8.5E-17	1.7E-15	7.7E-17	3.2E-15	1.2E-05	4.9E-04	1.5E-06	1.6E-04	8.8E-14	7.9E-12
1-Methylphenanthrene				5.2E-14	2.1E-12	1.4E-06	5.9E-05	1.8E-07	2.0E-05	2.5E-15	2.3E-13
2,3,5-Trimethylnaphthalene				2.4E-14	1.1E-12	7.0E-07	3.0E-05	8.7E-08	1.0E-05	1.2E-15	1.1E-13
2,6-Dimethylnaphthalene				6.6E-14	2.8E-12	1.8E-06	7.8E-05	2.3E-07	2.6E-05	3.3E-15	3.0E-13
2-Methylnaphthalene		8.2E-17	1.7E-15	7.5E-17	3.1E-15	1.1E-05	4.8E-04	1.4E-06	1.6E-04	8.6E-14	7.8E-12
Acenaphthylene				2.1E-13	9.0E-12	6.7E-06	2.9E-04	8.4E-07	9.5E-05	1.0E-14	9.7E-13
Acenaphthene	1.2E-15					1.2E-06	5.2E-05	1.5E-07	1.7E-05		
Anthracene	1.5E-14					2.2E-06	9.2E-05	2.7E-07	3.1E-05		
Benzo(a)anthracene	2.2E-12	3.2E-08	1.4E-11	2.9E-08	2.6E-11	1.1E-06	4.6E-05	1.3E-07	1.5E-05	4.4E-07	8.7E-10
Benzo(a)pyrene	1.1E-12	3.0E-08	6.1E-12	2.7E-08	1.1E-11	4.2E-07	1.8E-05	5.3E-08	5.9E-06	1.3E-09	1.2E-12
Benzo(b)fluoranthene	3.0E-13	4.7E-08	3.3E-13	4.3E-08	6.0E-13	4.7E-07	1.9E-05	5.9E-08	6.3E-06	2.1E-09	6.5E-14
Benzo(e)pyrene				1.2E-14	4.8E-13	3.6E-07	1.5E-05	4.5E-08	4.9E-06	6.0E-16	5.2E-14
Benzo(g,h,i)perylene				9.0E-15	3.6E-13	2.7E-07	1.1E-05	3.4E-08	3.8E-06	4.4E-16	3.9E-14
Benzo(k)fluoranthene	2.4E-15	2.5E-08	2.0E-13	2.3E-08	3.6E-13	4.2E-09	7.4E-08	5.2E-10	2.5E-08	1.1E-09	3.8E-14

Table H-259 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				1.2E-15	5.0E-14	4.0E-05	1.7E-03	5.0E-06	5.6E-04	7.0E-13	6.4E-11
Chrysene	3.8E-13	4.0E-08	1.7E-11	3.7E-08	3.1E-11	1.8E-06	7.6E-05	2.3E-07	2.5E-05	1.8E-09	3.4E-12
Dibenze(a,h)anthracene	5.5E-14	7.1E-09	2.1E-12	6.4E-09	3.9E-12	6.6E-08	2.7E-06	8.3E-09	9.1E-07	3.1E-10	4.2E-13
Fluoranthene	9.9E-14	2.3E-14	4.6E-13	2.1E-14	8.4E-13	2.7E-06	1.1E-04	3.3E-07	3.7E-05	1.0E-15	9.1E-14
Fluorene	2.2E-14					6.7E-06	2.8E-04	8.4E-07	9.4E-05		
Indeno(1,2,3-cd)pyrene	1.4E-13	2.0E-08	5.9E-12	1.8E-08	1.1E-11	2.2E-07	9.1E-06	2.7E-08	3.0E-06	9.0E-10	1.2E-12
Napthalene	1.0E-14					5.3E-05	2.2E-03	6.6E-06	7.4E-04		
Perylene				4.7E-15	2.2E-13	1.6E-07	7.3E-06	2.1E-08	2.4E-06	2.3E-16	2.4E-14
Phenanthrene	1.0E-13					1.3E-05	5.2E-04	1.6E-06	1.7E-04		
Pyrene	7.2E-14	7.7E-14	1.6E-12	7.0E-14	2.9E-12	2.6E-06	1.1E-04	3.3E-07	3.6E-05	1.9E-12	1.8E-10
Particulate											
Particulate Total Suspended Particulate				1.1E-09	4.4E-08	8.4E-03	3.2E-01	1.0E-03	1.1E-01	5.2E-11	4.7E-09
PM<10				1.4E-09	5.7E-08	1.1E-02	4.3E-01	1.4E-03	1.4E-01	6.7E-11	6.1E-09
PM<2.5				1.1E-09	4.8E-08	9.4E-03	3.7E-01	1.2E-03	1.2E-01	5.6E-11	5.1E-09
PCBs											
Dichlorobiphenyl	2.2E-15	2.1E-16	4.1E-15	1.7E-16	6.9E-15	3.3E-08	1.4E-06	4.1E-09	4.5E-07	1.6E-14	1.4E-12
Heptachlorobiphenyl	8.2E-17	2.4E-17	4.6E-16	2.0E-17	7.8E-16	4.5E-10	1.8E-08	5.7E-11	6.1E-09	1.0E-15	8.7E-14
Hexachlorobiphenyl	3.3E-16	1.1E-16	1.9E-15	9.1E-17	3.3E-15	1.9E-09	7.4E-08	2.4E-10	2.5E-08	4.6E-15	3.7E-13
Monochlorobiphenyl	1.5E-14	1.4E-15	2.9E-14	1.2E-15	4.8E-14	2.3E-07	9.5E-06	2.9E-08	3.2E-06	1.1E-13	9.9E-12
Nonachlorobiphenyl	1.0E-17	4.2E-18	6.5E-17	3.6E-18	1.1E-16	6.4E-11	2.3E-09	8.0E-12	7.6E-10	1.8E-16	1.2E-14
Octachlorobiphenyl	2.4E-17	7.7E-18	1.4E-16	6.5E-18	2.4E-16	1.4E-10	5.4E-09	1.7E-11	1.8E-09	3.3E-16	2.7E-14
Pentachlorobiphenyl	1.1E-15	3.9E-16	6.6E-15	3.3E-16	1.1E-14	6.5E-09	2.5E-07	8.1E-10	8.2E-08	1.7E-14	1.3E-12
Tetrachlorobiphenyl	6.5E-16	7.9E-17	1.3E-15	6.6E-17	2.2E-15	1.1E-08	4.0E-07	1.3E-09	1.3E-07	6.2E-15	4.6E-13
Trichlorobiphenyl	8.5E-16	9.5E-17	1.7E-15	8.0E-17	2.8E-15	1.4E-08	5.3E-07	1.7E-09	1.8E-07	7.4E-15	5.9E-13

Table H-259 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				3.2E-08						1.0E-06	
Dieldrin		1.7E-10		2.0E-10						9.7E-12	
SVOCs											
1,2,4-trichlorobenzene						9.6E-08	3.1E-06	1.2E-08	1.0E-06		
1,2-dichlorobenzene	9.8E-19					3.9E-08	6.9E-07	4.9E-09	2.3E-07		
1,3-dichlorobenzene	2.5E-18					5.8E-08	2.0E-06	7.2E-09	6.6E-07		
1,4-dichlorobenzene	3.3E-17					5.4E-07	2.4E-05	6.8E-08	8.1E-06		
1,4-Dioxane						4.6E-02					
2,4-Dimethylphenol	9.0E-16					8.5E-06	3.4E-04	1.1E-06	1.1E-04		
2-Chlorophenol	4.6E-17					1.7E-06	7.4E-05	2.1E-07	2.5E-05		
2-Methylphenol	1.9E-14					2.0E-05	8.4E-04	2.5E-06	2.8E-04		
2-Nitrophenol	1.1E-16					2.7E-06	1.1E-04	3.4E-07	3.7E-05		
3-Methylphenol & 4-Methylphenol				1.3E-12	5.5E-11	3.6E-05	1.5E-03	4.5E-06	5.0E-04	6.5E-14	5.9E-12
4-Nitrophenol	2.3E-16					4.5E-06	1.7E-04	5.6E-07	5.8E-05		
Acetophenone	1.4E-15					4.2E-05	1.7E-03	5.3E-06	5.8E-04		
Benzoic acid	5.7E-15					1.9E-04	8.0E-03	2.4E-05	2.7E-03		
Benzyl alcohol	3.5E-18					1.6E-06	4.9E-05	2.0E-07	1.6E-05		
bis(2-Ethylhexyl) phthalate	1.8E-13	2.4E-12	4.3E-11	2.8E-12	1.0E-10	6.8E-05	2.6E-03	8.5E-06	8.8E-04	1.4E-13	1.1E-11
Butyl benzyl phthalate	6.3E-14	1.2E-15	2.4E-14	1.4E-15	5.6E-14	2.1E-06	8.9E-05	2.7E-07	3.0E-05	6.7E-17	6.1E-15
Carbazole				5.0E-15	9.3E-14	6.0E-08	1.1E-06	7.5E-09	3.6E-07	2.5E-16	1.0E-14
Dibenzofuran		5.1E-17	1.0E-15	2.0E-16	8.1E-15	3.4E-06	1.4E-04	4.3E-07	4.7E-05	8.6E-14	7.6E-12
Dimethyl phthalate	2.3E-17					1.2E-07	2.1E-06	1.5E-08	7.1E-07		
Di-n-butyl phthalate	6.0E-13	1.2E-15	2.4E-14	1.4E-15	5.6E-14	3.3E-06	1.4E-04	4.1E-07	4.5E-05	6.7E-17	6.1E-15

Table H-259 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	4.5E-18	3.4E-15	3.1E-14	4.0E-15	7.3E-14	2.3E-07	4.1E-06	2.9E-08	1.4E-06	1.9E-16	7.9E-15
Hexachlorobutadiene	2.4E-15					1.6E-05	2.8E-04	2.0E-06	9.4E-05		
Isopropanol						7.3E-01					
Phenol	5.3E-14					1.1E-04	4.5E-03	1.3E-05	1.5E-03		
Pyridine	2.7E-15					1.0E-05	4.2E-04	1.3E-06	1.4E-04		
TRS											
Total Reduced Sulfur						1.0E-04	4.5E-03	1.3E-05	1.5E-03		
VOCs											
1,1,1,2-Tetrachloroethane	9.6E-19					4.8E-08	1.6E-06	6.0E-09	5.4E-07		
1,1,1-Trichloroethane	6.3E-20					4.7E-08	1.8E-06	5.9E-09	5.9E-07		
1,1-Dichloroethene	2.1E-21					9.3E-09	1.7E-07	1.2E-09	5.5E-08		
1,2,3-Trichlorobenzene	6.7E-17					1.9E-07	7.1E-06	2.4E-08	2.4E-06		
1,2,3-Trichloropropane	3.9E-19					3.9E-08	6.9E-07	4.8E-09	2.3E-07		
1,2,4-Trimethylbenzene						2.2E-06	7.1E-05	2.8E-07	2.4E-05		
1,2-Dibromoethane	1.3E-19					2.5E-08	4.4E-07	3.1E-09	1.5E-07		
1,2-Dichloroethane	4.2E-18					9.9E-07	3.7E-05	3.6E-04	1.2E-05		
1,3,5-Trimethylbenzene	2.2E-17					2.1E-06	6.2E-05	2.6E-07	2.1E-05		
1,3-Dichloropropane						2.4E-08	4.3E-07	3.0E-09	1.4E-07		
2-Butanone	8.7E-16					1.2E-05	4.7E-04	1.5E-06	1.6E-04		
2-Chlorotoluene						5.3E-07	2.2E-05	6.6E-08	7.2E-06		
2-Hexanone						2.4E-06	8.8E-05	3.0E-07	2.9E-05		
Benzene	7.0E-16					2.3E-02	1.2E-02	3.5E-03	4.1E-03		
Bromobenzene						1.3E-05	2.4E-04	1.7E-06	7.9E-05		
Bromochloromethane						3.1E-08	5.6E-07	3.9E-09	1.9E-07		

Table H-259 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	1.1E-19					3.4E-08	6.1E-07	4.3E-09	2.0E-07		
Bromomethane	4.8E-19					1.4E-06	4.1E-05	1.7E-07	1.4E-05		
Carbon disulfide	4.5E-19					1.2E-06	3.5E-05	1.5E-07	1.2E-05		
Carbon tetrachloride	4.8E-20					4.6E-02	1.4E-06	5.5E-03	4.6E-07		
Chlorobenzene	1.7E-17					1.7E-06	6.1E-05	2.1E-07	2.0E-05		
Chlorodibromomethane	6.5E-18					8.5E-07	1.5E-05	1.1E-07	5.0E-06		
Chloroethane	1.3E-18					3.3E-06	1.1E-04	4.1E-07	3.8E-05		
Chloroform	1.0E-18					1.5E-02	1.4E-05	8.6E-04	4.5E-06		
Chloromethane	3.5E-18					1.1E-05	3.3E-04	1.4E-06	1.1E-04		
cis-1,2-Dichloroethene	1.4E-18					1.4E-06	2.5E-05	1.8E-07	8.4E-06		
cis-1,3-Dichloropropene						8.7E-09	1.6E-07	1.1E-09	5.2E-08		
Dibromomethane	1.5E-19					7.3E-08	1.3E-06	9.1E-09	4.3E-07		
Dichlorodifluoromethane	1.7E-21					8.9E-08	1.6E-06	1.1E-08	5.3E-07		
Ethylbenzene	5.3E-16					1.3E-02	2.6E-03	8.7E-06	8.8E-04		
Isopropylbenzene	7.0E-19					5.6E-06	1.9E-04	7.0E-07	6.4E-05		
m&p-Xylene	8.4E-17					1.3E-05	4.4E-04	1.6E-06	1.5E-04		
Methyl Isobutyl Ketone (4-methyl-2-per	8.6E-19					1.3E-07	2.3E-06	1.6E-08	7.6E-07		
Methylene chloride	9.3E-18					6.4E-06	2.4E-04	8.1E-07	7.9E-05		
n-Butylbenzene						2.8E-06	8.3E-05	3.5E-07	2.8E-05		
n-Propylbenzene						3.3E-06	1.1E-04	4.2E-07	3.7E-05		
o-Xylene	9.9E-17					8.2E-06	2.7E-04	1.0E-06	9.1E-05		
p-Chlorotoluene						2.0E-07	6.0E-06	2.5E-08	2.0E-06		
p-Isopropyltoluene						1.4E-06	3.3E-05	1.7E-07	1.1E-05		
sec-Butylbenzene						5.1E-07	1.5E-05	6.4E-08	5.1E-06		

Table H-259 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Styrene	3.3E-15					1.8E-04	6.7E-03	2.3E-05	2.2E-03		
tert-Butylbenzene						1.6E-05	2.9E-04	2.0E-06	9.7E-05		
Tetrachloroethene	2.4E-19					4.3E-08	1.5E-06	5.4E-09	5.0E-07		
Toluene	5.6E-16					1.1E-04	4.4E-03	1.4E-05	1.5E-03		
trans-1,2-Dichloroethene	2.1E-17					3.0E-05	5.4E-04	3.8E-06	1.8E-04		
trans-1,3-Dichloropropene						1.5E-08	2.7E-07	1.9E-09	9.0E-08		
Trichloroethene	2.4E-21					3.6E-03	4.6E-08	3.2E-10	1.5E-08		
Trichlorofluoromethane	3.7E-21					3.1E-08	5.6E-07	3.9E-09	1.9E-07		
Vinyl chloride	1.7E-19					5.0E-03	4.3E-05	2.2E-07	1.4E-05		

Table H-260 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	3.0E-05	1.0E-07	9.9E-06		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	5.2E-05	1.8E-07	1.7E-05		
Formaldehyde	4.5E-13					6.2E-07	2.0E-05	7.7E-08	6.8E-06		
Propionaldehyde				2.2E-15	7.2E-14	1.6E-07	5.8E-06	2.0E-08	1.9E-06	1.7E-14	1.2E-12
CO											
Carbon monoxide						4.5E-05	1.7E-03	5.6E-06	5.6E-04		
CO2											
Carbon dioxide						1.4E-06	5.0E-05	1.8E-07	1.7E-05		
Criteria											
Sulfur Dioxide						3.8E-07	1.2E-05	4.7E-08	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	4.0E-14	8.5E-15	3.2E-13	8.5E-13	3.4E-11	1.1E-13	1.1E-11	4.2E-19	3.4E-17
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	4.1E-14	8.6E-15	3.2E-13	8.6E-13	3.4E-11	1.1E-13	1.1E-11	4.2E-19	3.5E-17
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	4.9E-15	9.9E-16	3.9E-14	1.1E-13	4.4E-12	1.4E-14	1.5E-12	4.8E-20	4.2E-18
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	4.7E-15	9.7E-16	3.7E-14	1.0E-13	4.1E-12	1.3E-14	1.4E-12	4.7E-20	4.0E-18
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	3.8E-14	7.7E-15	3.0E-13	8.3E-13	3.3E-11	1.0E-13	1.1E-11	3.8E-19	3.2E-17
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	9.7E-15	2.0E-15	7.7E-14	2.1E-13	8.7E-12	2.7E-14	2.9E-12	9.7E-20	8.3E-18
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	1.2E-14	2.5E-15	9.8E-14	2.7E-13	1.1E-11	3.4E-14	3.6E-12	1.2E-19	1.1E-17
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.5E-14	3.1E-15	1.2E-13	3.2E-13	1.3E-11	4.1E-14	4.4E-12	1.5E-19	1.3E-17
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	8.9E-16	1.8E-16	7.1E-15	2.1E-14	8.4E-13	2.6E-15	2.8E-13	8.8E-21	7.6E-19
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	5.4E-15	1.1E-15	4.3E-14	1.3E-13	5.3E-12	1.6E-14	1.8E-12	5.4E-20	4.6E-18
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	6.4E-15	1.3E-15	5.1E-14	1.8E-13	7.5E-12	2.3E-14	2.5E-12	6.3E-20	5.5E-18

Table H-260 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.9E-14	3.9E-15	1.5E-13	4.2E-13	1.7E-11	5.2E-14	5.6E-12	1.9E-19	1.6E-17
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.5E-14	3.1E-15	1.2E-13	4.1E-13	1.7E-11	5.2E-14	5.6E-12	1.5E-19	1.3E-17
2,3,7,8-TCDD	2.7E-18	5.5E-17	8.0E-16	2.2E-16	6.3E-15	5.2E-14	1.7E-12	6.5E-15	5.8E-13	7.4E-18	4.7E-16
2,3,7,8-TCDF	8.2E-18	1.0E-16	2.0E-15	4.0E-16	1.6E-14	1.9E-13	7.8E-12	2.4E-14	2.6E-12	2.0E-20	1.7E-18
OCDD	2.5E-20	1.5E-15	2.7E-14	5.8E-15	2.1E-13	5.6E-13	2.2E-11	7.0E-14	7.4E-12	2.8E-19	2.3E-17
OCDF	9.3E-21	5.7E-16	1.0E-14	2.2E-15	8.0E-14	2.1E-13	8.2E-12	2.6E-14	2.7E-12	1.1E-19	8.6E-18
HCN											
Hydrogen cyanide						1.6E-07	6.2E-06	2.0E-08	2.1E-06		
Metals											
Aluminum				1.1E-02						5.3E-07	
Antimony	1.6E-17			2.6E-07		1.0E-08	2.6E-07	1.3E-09	8.6E-08	1.3E-11	
Arsenic	8.1E-16	6.0E-07	4.8E-17	1.4E-06	2.3E-16	5.9E-10	2.1E-08	7.4E-11	7.0E-09	1.2E-10	4.1E-20
Barium	2.7E-12			4.4E-09	1.5E-07	1.3E-07	3.4E-06	1.6E-08	1.1E-06	2.1E-13	1.6E-11
Beryllium	3.3E-17			1.0E-15	3.9E-14	4.3E-11	1.5E-09	5.4E-12	4.8E-10	5.1E-20	4.3E-18
Cadmium	8.3E-15			8.2E-16	3.1E-14	7.6E-10	2.6E-08	9.5E-11	8.8E-09	4.0E-20	3.4E-18
Chromium	2.8E-15			9.6E-11	3.7E-09	6.5E-09	2.3E-07	8.1E-10	7.7E-08	4.7E-15	4.0E-13
Cobalt				3.1E-05	1.4E-08	9.8E-09	1.8E-07	1.2E-09	6.0E-08	1.5E-09	1.5E-12
Copper				4.5E-10	1.7E-08	1.8E-08	6.1E-07	2.2E-09	2.0E-07	2.2E-14	1.8E-12
Iron				2.5E-02						1.2E-06	
Lead	6.9E-18			9.0E-05	3.8E-12	6.0E-09	2.0E-07	7.5E-10	6.5E-08	4.4E-09	4.1E-16
Manganese				8.0E-13	3.1E-11	5.5E-09	1.9E-07	6.8E-10	6.3E-08	3.9E-17	3.3E-15
Mercury (+2)				6.4E-14	2.0E-12	2.4E-11	8.3E-10	2.9E-12	2.8E-10	3.1E-18	2.1E-16
Mercury, elemental				9.8E-07		9.8E-14	3.5E-12	1.2E-14	1.2E-12	1.9E-06	
Methyl Mercury	1.3E-14			3.8E-15	1.5E-13					1.9E-19	1.6E-17

Table H-260 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.8E-04	1.6E-13	3.5E-09	1.2E-07	4.3E-10	4.0E-08	2.9E-08	1.7E-17
Phosphorus				7.5E-15	2.8E-13	2.6E-08	8.6E-07	3.3E-09	2.9E-07	7.2E-14	5.9E-12
Selenium	2.8E-16			4.0E-17	1.6E-15	1.7E-10	6.1E-09	2.2E-11	2.0E-09	2.0E-21	1.7E-19
Silver	2.1E-16			8.5E-13	3.2E-11	1.1E-10	3.7E-09	1.4E-11	1.2E-09	4.2E-17	3.4E-15
Thallium (Soluble Salts)				2.7E-07						1.3E-11	
Titanium				8.0E-15	3.2E-13	6.1E-11	2.3E-09	7.6E-12	7.6E-10	3.9E-19	3.5E-17
Zinc	4.1E-12			1.8E-13	6.5E-12	1.4E-07	3.9E-06	1.7E-08	1.3E-06	9.0E-18	7.0E-16
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	5.2E-05	2.0E-07	1.7E-05		
PAHs											
1-Methylnaphthalene		2.4E-16	4.9E-15	2.2E-16	8.9E-15	3.3E-08	1.4E-06	4.1E-09	4.6E-07	2.5E-16	2.2E-14
1-Methylphenanthrene				1.5E-13	6.0E-12	3.9E-09	1.7E-07	4.9E-10	5.5E-08	7.1E-18	6.5E-16
2,3,5-Trimethylnaphthalene				6.8E-14	3.0E-12	1.9E-09	8.4E-08	2.4E-10	2.8E-08	3.3E-18	3.2E-16
2,6-Dimethylnaphthalene				1.9E-13	7.9E-12	5.1E-09	2.2E-07	6.4E-10	7.3E-08	9.1E-18	8.5E-16
2-Methylnaphthalene		2.3E-16	4.7E-15	2.1E-16	8.6E-15	3.2E-08	1.3E-06	4.0E-09	4.4E-07	2.4E-16	2.2E-14
Acenaphthylene				6.0E-13	2.5E-11	1.9E-08	8.0E-07	2.4E-09	2.7E-07	2.9E-17	2.7E-15
Acenaphthene	3.4E-15					3.5E-09	1.4E-07	4.3E-10	4.8E-08		
Anthracene	4.3E-14					6.1E-09	2.6E-07	7.6E-10	8.6E-08		
Benzo(a)anthracene	6.2E-12	9.0E-08	4.4E-11	8.1E-08	8.0E-11	3.0E-09	1.3E-07	3.7E-10	4.3E-08	1.2E-09	2.7E-12
Benzo(a)pyrene	3.1E-12	8.5E-08	1.8E-11	7.7E-08	3.3E-11	1.2E-09	4.9E-08	1.5E-10	1.6E-08	3.8E-12	3.6E-15
Benzo(b)fluoranthene	8.3E-13	1.3E-07	1.0E-12	1.2E-07	1.8E-12	1.3E-09	5.3E-08	1.6E-10	1.8E-08	5.9E-12	2.0E-16
Benzo(e)pyrene				3.4E-14	1.3E-12	1.0E-09	4.1E-08	1.3E-10	1.4E-08	1.7E-18	1.4E-16
Benzo(g,h,i)perylene				2.5E-14	1.0E-12	7.7E-10	3.2E-08	9.6E-11	1.1E-08	1.2E-18	1.1E-16
Benzo(k)fluoranthene	7.9E-15	7.1E-08	7.3E-13	6.4E-08	1.3E-12	1.2E-11	2.1E-10	1.5E-12	6.9E-11	3.1E-12	1.4E-16

Table H-260 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	1.4E-13	1.1E-07	4.7E-06	1.4E-08	1.6E-06	2.0E-15	1.8E-13
Chrysene	1.1E-12	1.1E-07	5.6E-11	1.0E-07	1.0E-10	5.1E-09	2.1E-07	6.4E-10	7.1E-08	5.0E-12	1.1E-14
Dibenze(a,h)anthracene	1.6E-13	2.0E-08	6.8E-12	1.8E-08	1.2E-11	1.9E-10	7.6E-09	2.3E-11	2.5E-09	8.8E-13	1.3E-15
Fluoranthene	2.8E-13	6.8E-14	1.4E-12	6.1E-14	2.5E-12	7.5E-09	3.1E-07	9.4E-10	1.0E-07	3.0E-18	2.7E-16
Fluorene	6.1E-14					1.9E-08	7.9E-07	2.3E-09	2.6E-07		
Indeno(1,2,3-cd)pyrene	4.0E-13	5.7E-08	1.8E-11	5.1E-08	3.3E-11	6.2E-10	2.5E-08	7.7E-11	8.5E-09	2.5E-12	3.6E-15
Napthalene	2.8E-14					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Perylene				1.3E-14	6.2E-13	4.6E-10	2.0E-08	5.8E-11	6.8E-09	6.5E-19	6.6E-17
Phenanthrene	2.9E-13					3.5E-08	1.5E-06	4.4E-09	4.8E-07		
Pyrene	2.0E-13	2.8E-13	5.7E-12	2.5E-13	1.0E-11	7.3E-09	3.0E-07	9.1E-10	1.0E-07	7.1E-15	6.4E-13
Particulate											
Particulate Total Suspended Particulate				3.0E-09	1.2E-07	2.3E-05	9.0E-04	2.9E-06	3.0E-04	1.5E-13	1.3E-11
PM<10				3.8E-09	1.6E-07	3.1E-05	1.2E-03	3.9E-06	4.0E-04	1.9E-13	1.7E-11
PM<2.5				3.2E-09	1.3E-07	2.6E-05	1.0E-03	3.3E-06	3.5E-04	1.6E-13	1.4E-11
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	2.0E-14	8.3E-16	3.3E-14	9.3E-11	3.8E-09	1.2E-11	1.3E-09	7.8E-17	6.8E-15
Heptachlorobiphenyl	2.3E-16	1.2E-16	2.2E-15	9.8E-17	3.8E-15	1.3E-12	5.1E-11	1.6E-13	1.7E-11	5.0E-18	4.2E-16
Hexachlorobiphenyl	9.4E-16	5.2E-16	9.4E-15	4.4E-16	1.6E-14	5.3E-12	2.1E-10	6.7E-13	6.9E-11	2.3E-17	1.8E-15
Monochlorobiphenyl	4.3E-14	6.9E-15	1.4E-13	5.8E-15	2.3E-13	6.5E-10	2.7E-08	8.1E-11	8.9E-09	5.4E-16	4.7E-14
Nonachlorobiphenyl	2.9E-17	2.0E-17	3.2E-16	1.7E-17	5.4E-16	1.8E-13	6.4E-12	2.2E-14	2.1E-12	8.8E-19	6.0E-17
Octachlorobiphenyl	6.9E-17	3.8E-17	6.9E-16	3.2E-17	1.2E-15	3.9E-13	1.5E-11	4.9E-14	5.1E-12	1.6E-18	1.3E-16
Pentachlorobiphenyl	3.1E-15	1.9E-15	3.2E-14	1.6E-15	5.5E-14	1.8E-11	6.9E-10	2.3E-12	2.3E-10	8.1E-17	6.1E-15
Tetrachlorobiphenyl	1.8E-15	3.8E-16	6.4E-15	3.2E-16	1.1E-14	3.0E-11	1.1E-09	3.8E-12	3.8E-10	3.0E-17	2.2E-15
Trichlorobiphenyl	2.4E-15	4.5E-16	8.1E-15	3.8E-16	1.4E-14	3.8E-11	1.5E-09	4.8E-12	4.9E-10	3.6E-17	2.8E-15

Table H-260 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				9.0E-08						2.9E-09	
Dieldrin		4.7E-10		5.6E-10						2.7E-14	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	8.7E-09	3.4E-11	2.9E-09		
1,2-dichlorobenzene	2.8E-18					1.1E-10	1.9E-09	1.4E-11	6.5E-10		
1,3-dichlorobenzene	6.9E-18					1.6E-10	5.5E-09	2.0E-11	1.8E-09		
1,4-dichlorobenzene	9.2E-17					1.5E-09	6.8E-08	1.9E-10	2.3E-08		
1,4-Dioxane						1.3E-04					
2,4-Dimethylphenol	2.5E-15					2.4E-08	9.5E-07	3.0E-09	3.2E-07		
2-Chlorophenol	1.3E-16					4.7E-09	2.1E-07	5.9E-10	6.9E-08		
2-Methylphenol	5.3E-14					5.6E-08	2.3E-06	7.0E-09	7.8E-07		
2-Nitrophenol	3.2E-16					7.6E-09	3.1E-07	9.4E-10	1.0E-07		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.5E-10	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.8E-16	1.7E-14
4-Nitrophenol	6.5E-16					1.3E-08	4.8E-07	1.6E-09	1.6E-07		
Acetophenone	3.9E-15					1.2E-07	4.9E-06	1.5E-08	1.6E-06		
Benzoic acid	1.6E-14					5.4E-07	2.2E-05	6.7E-08	7.5E-06		
Benzyl alcohol	9.8E-18					4.5E-09	1.4E-07	5.6E-10	4.5E-08		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	1.2E-10	8.0E-12	2.9E-10	1.9E-07	7.4E-06	2.4E-08	2.5E-06	3.9E-16	3.1E-14
Butyl benzyl phthalate	1.8E-13	3.3E-15	6.6E-14	3.8E-15	1.6E-13	6.0E-09	2.5E-07	7.5E-10	8.3E-08	1.9E-19	1.7E-17
Carbazole				1.4E-14	2.6E-13	1.7E-10	3.0E-09	2.1E-11	1.0E-09	6.9E-19	2.8E-17
Dibenzofuran		1.4E-16	2.9E-15	5.7E-16	2.3E-14	9.5E-09	3.9E-07	1.2E-09	1.3E-07	2.4E-16	2.1E-14
Dimethyl phthalate	6.5E-17					3.3E-10	5.9E-09	4.2E-11	2.0E-09		
Di-n-butyl phthalate	1.7E-12	3.3E-15	6.7E-14	3.9E-15	1.6E-13	9.2E-09	3.8E-07	1.1E-09	1.3E-07	1.9E-19	1.7E-17

Table H-260 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	8.7E-14	1.1E-14	2.1E-13	6.4E-10	1.1E-08	8.0E-11	3.8E-09	5.5E-19	2.2E-17
Hexachlorobutadiene	6.7E-15					4.4E-08	7.9E-07	5.5E-09	2.6E-07		
Isopropanol						2.0E-03					
Phenol	1.5E-13					3.0E-07	1.2E-05	3.8E-08	4.2E-06		
Pyridine	7.7E-15					2.9E-08	1.2E-06	3.6E-09	4.0E-07		
TRS											
Total Reduced Sulfur						2.9E-07	1.3E-05	3.6E-08	4.2E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	4.6E-09	1.7E-11	1.5E-09		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	5.0E-09	1.7E-11	1.7E-09		
1,1-Dichloroethene	6.0E-21					2.6E-11	4.6E-10	3.2E-12	1.5E-10		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	2.0E-08	6.7E-11	6.6E-09		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	1.9E-09	1.4E-11	6.4E-10		
1,2,4-Trimethylbenzene						6.2E-09	2.0E-07	7.8E-10	6.6E-08		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.2E-09	8.6E-12	4.1E-10		
1,2-Dichloroethane	1.2E-17					2.8E-09	1.0E-07	1.0E-06	3.5E-08		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.7E-07	7.3E-10	5.8E-08		
1,3-Dichloropropane						6.7E-11	1.2E-09	8.4E-12	4.0E-10		
2-Butanone	2.4E-15					3.3E-08	1.3E-06	4.1E-09	4.4E-07		
2-Chlorotoluene						1.5E-09	6.1E-08	1.8E-10	2.0E-08		
2-Hexanone						6.8E-09	2.5E-07	8.4E-10	8.2E-08		
Benzene	2.0E-15					6.4E-05	3.4E-05	9.7E-06	1.1E-05		
Bromobenzene						3.7E-08	6.6E-07	4.7E-09	2.2E-07		
Bromochloromethane						8.8E-11	1.6E-09	1.1E-11	5.2E-10		

Table H-260 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	3.1E-19					9.5E-11	1.7E-09	1.2E-11	5.7E-10		
Bromomethane	1.3E-18					3.8E-09	1.1E-07	4.8E-10	3.8E-08		
Carbon disulfide	1.3E-18					3.3E-09	9.8E-08	4.2E-10	3.3E-08		
Carbon tetrachloride	1.3E-19					1.3E-04	3.9E-09	1.5E-05	1.3E-09		
Chlorobenzene	4.7E-17					4.8E-09	1.7E-07	6.0E-10	5.7E-08		
Chlorodibromomethane	1.8E-17					2.4E-09	4.2E-08	3.0E-10	1.4E-08		
Chloroethane	3.7E-18					9.1E-09	3.2E-07	1.1E-09	1.1E-07		
Chloroform	2.8E-18					4.3E-05	3.8E-08	2.4E-06	1.3E-08		
Chloromethane	9.8E-18					3.1E-08	9.4E-07	3.9E-09	3.1E-07		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	7.1E-08	5.0E-10	2.4E-08		
cis-1,3-Dichloropropene						2.4E-11	4.3E-10	3.0E-12	1.4E-10		
Dibromomethane	4.2E-19					2.0E-10	3.6E-09	2.5E-11	1.2E-09		
Dichlorodifluoromethane	4.7E-21					2.5E-10	4.4E-09	3.1E-11	1.5E-09		
Ethylbenzene	1.5E-15					3.7E-05	7.4E-06	2.4E-08	2.5E-06		
Isopropylbenzene	2.0E-18					1.6E-08	5.4E-07	2.0E-09	1.8E-07		
m&p-Xylene	2.4E-16					3.6E-08	1.2E-06	4.6E-09	4.1E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	6.4E-09	4.5E-11	2.1E-09		
Methylene chloride	2.6E-17					1.8E-08	6.6E-07	2.3E-09	2.2E-07		
n-Butylbenzene						7.8E-09	2.3E-07	9.7E-10	7.7E-08		
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07		
o-Xylene	2.8E-16					2.3E-08	7.6E-07	2.9E-09	2.5E-07		
p-Chlorotoluene						5.5E-10	1.7E-08	6.9E-11	5.6E-09		
p-Isopropyltoluene						3.8E-09	9.2E-08	4.8E-10	3.1E-08		
sec-Butylbenzene						1.4E-09	4.3E-08	1.8E-10	1.4E-08		

Table H-260 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Styrene	9.4E-15					5.1E-07	1.9E-05	6.4E-08	6.2E-06		
tert-Butylbenzene						4.6E-08	8.1E-07	5.7E-09	2.7E-07		
Tetrachloroethene	6.6E-19					1.2E-10	4.2E-09	1.5E-11	1.4E-09		
Toluene	1.6E-15					3.2E-07	1.2E-05	3.9E-08	4.1E-06		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	1.5E-06	1.1E-08	5.0E-07		
trans-1,3-Dichloropropene						4.2E-11	7.5E-10	5.3E-12	2.5E-10		
Trichloroethene	6.8E-21					1.0E-05	1.3E-10	9.1E-13	4.3E-11		
Trichlorofluoromethane	1.0E-20					8.7E-11	1.6E-09	1.1E-11	5.2E-10		
Vinyl chloride	4.8E-19					1.4E-05	1.2E-07	6.2E-10	4.0E-08		

Table H-261 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			3.0E-04	3.7E-05	
Aldehydes					
Acetaldehyde			5.2E-04	6.5E-05	
Formaldehyde			1.7E+00	2.7E-05	
Propionaldehyde		8.0E-16	5.7E-05	7.1E-06	6.0E-12
CO					
Carbon monoxide			1.6E-02	2.0E-03	
CO2					
Carbon dioxide			5.0E-04	6.3E-05	
Criteria					
Sulfur Dioxide			1.4E-04	1.7E-05	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	4.4E-16	1.7E-15	3.0E-10	3.8E-11	8.6E-17
1,2,3,4,6,7,8-HpCDF	4.5E-16	1.8E-15	3.1E-10	3.8E-11	8.7E-17
1,2,3,4,7,8,9-HpCDF	5.2E-17	2.0E-16	3.9E-11	4.8E-12	9.9E-18
1,2,3,4,7,8-HxCDD	5.0E-17	2.0E-16	3.6E-11	4.5E-12	9.7E-18
1,2,3,4,7,8-HxCDF	4.0E-16	1.6E-15	3.0E-10	3.7E-11	7.7E-17
1,2,3,6,7,8-HxCDD	1.0E-16	4.0E-16	7.6E-11	9.6E-12	2.0E-17
1,2,3,6,7,8-HxCDF	1.3E-16	5.2E-16	9.6E-11	1.2E-11	2.5E-17
1,2,3,7,8,9-HxCDD	1.6E-16	6.4E-16	1.2E-10	1.4E-11	3.1E-17
1,2,3,7,8,9-HxCDF	9.4E-18	3.7E-17	7.4E-12	9.2E-13	1.8E-18

Table H-261 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	5.7E-17	2.2E-16	4.6E-11	5.8E-12	1.1E-17
1,2,3,7,8-PeCDF	6.7E-17	2.6E-16	6.6E-11	8.2E-12	1.3E-17
2,3,4,6,7,8-HxCDF	2.0E-16	8.1E-16	1.5E-10	1.9E-11	4.0E-17
2,3,4,7,8-PeCDF	1.6E-16	6.3E-16	1.5E-10	1.8E-11	3.1E-17
2,3,7,8-TCDD	1.2E-17	4.5E-17	1.9E-11	2.3E-12	1.5E-15
2,3,7,8-TCDF	2.1E-17	8.3E-17	6.8E-11	8.5E-12	4.1E-18
OCDD	3.0E-16	1.2E-15	2.0E-10	2.5E-11	5.8E-17
OCDF	1.2E-16	4.6E-16	7.5E-11	9.4E-12	2.2E-17
HCN					
Hydrogen cyanide			5.7E-05	7.1E-06	
Metals					
Aluminum		4.1E-03			2.0E-04
Antimony		2.8E-07	3.7E-06	4.7E-07	1.3E-08
Arsenic	9.7E-07	2.3E-06	2.1E-07	2.7E-08	1.9E-07
Barium		9.7E-10	4.5E-05	5.6E-06	4.8E-11
Beryllium		3.7E-16	1.5E-08	1.9E-09	1.8E-17
Cadmium		2.9E-16	2.7E-07	3.4E-08	1.4E-17
Chromium		2.5E-11	2.3E-06	2.9E-07	1.2E-12
Cobalt		1.2E-05	3.5E-06	4.4E-07	5.7E-07
Copper		1.0E-10	6.3E-06	7.9E-07	5.1E-12
Iron		9.8E-03			4.8E-04
Lead		4.0E-05	2.1E-06	2.7E-07	1.9E-06

Table H-261 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		2.8E-13	1.9E-06	2.4E-07	1.4E-14
Mercury (+2)		1.1E-14	8.4E-09	1.1E-09	5.6E-16
Mercury, elemental		9.6E-09	3.5E-11	4.4E-12	1.9E-05
Methyl Mercury		6.8E-16			3.3E-17
Nickel		2.0E-04	1.2E-06	1.5E-07	9.7E-06
Phosphorus		2.7E-15	9.4E-06	1.2E-06	2.6E-11
Selenium		1.4E-17	6.2E-08	7.8E-09	7.1E-19
Silver		2.6E-13	4.1E-08	5.1E-09	1.3E-14
Thallium (Soluble Salts)		2.9E-08			1.4E-09
Titanium		2.9E-15	2.2E-08	2.7E-09	1.4E-16
Zinc		6.6E-14	4.9E-05	6.1E-06	3.2E-15
NOx					
NOx (Oxides of Nitrogen)			5.6E-04	7.0E-05	
PAHs					
1-Methylnaphthalene	8.5E-17	7.7E-17	1.2E-05	1.5E-06	8.8E-14
1-Methylphenanthrene		5.2E-14	1.4E-06	1.8E-07	2.5E-15
2,3,5-Trimethylnaphthalene		2.4E-14	7.0E-07	8.7E-08	1.2E-15
2,6-Dimethylnaphthalene		6.6E-14	1.8E-06	2.3E-07	3.3E-15
2-Methylnaphthalene	8.2E-17	7.5E-17	1.1E-05	1.4E-06	8.6E-14
Acenaphthylene		2.1E-13	6.7E-06	8.4E-07	1.0E-14
Acenaphthene			1.2E-06	1.5E-07	
Anthracene			2.2E-06	2.7E-07	

Table H-261 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)anthracene	5.9E-08	5.4E-08	1.1E-06	1.3E-07	8.1E-07
Benzo(a)pyrene	6.1E-08	5.5E-08	4.2E-07	5.3E-08	2.7E-09
Benzo(b)fluoranthene	1.1E-07	9.8E-08	4.7E-07	5.9E-08	4.8E-09
Benzo(e)pyrene		1.2E-14	3.6E-07	4.5E-08	6.0E-16
Benzo(g,h,i)perylene		9.0E-15	2.7E-07	3.4E-08	4.4E-16
Benzo(k)fluoranthene	4.4E-08	4.0E-08	4.2E-09	5.2E-10	1.9E-09
Biphenyl		1.2E-15	4.0E-05	5.0E-06	7.0E-13
Chrysene	8.4E-08	7.6E-08	1.8E-06	2.3E-07	3.7E-09
Dibenzo(a,h)anthracene	1.1E-13	9.7E-14	6.6E-08	8.3E-09	4.8E-15
Fluoranthene	2.3E-14	2.1E-14	2.7E-06	3.3E-07	1.0E-15
Fluorene			6.7E-06	8.4E-07	
Indeno(1,2,3-cd)pyrene	3.4E-08	3.1E-08	2.2E-07	2.7E-08	1.5E-09
Napthalene			5.3E-05	6.6E-06	
Perylene		4.7E-15	1.6E-07	2.1E-08	2.3E-16
Phenanthrene			1.3E-05	1.6E-06	
Pyrene	7.7E-14	7.0E-14	2.6E-06	3.3E-07	1.9E-12
Particulate					
Particulate Total Suspended Particulate		1.1E-09	8.4E-03	1.0E-03	5.2E-11
PM<10		1.4E-09	1.1E-02	1.4E-03	6.7E-11
PM<2.5		1.1E-09	9.4E-03	1.2E-03	5.6E-11
PCBs					
Dichlorobiphenyl	2.1E-16	1.7E-16	3.3E-08	4.1E-09	1.6E-14

Table H-261 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Heptachlorobiphenyl	2.4E-17	2.0E-17	4.5E-10	5.7E-11	1.0E-15
Hexachlorobiphenyl	1.1E-16	9.1E-17	1.9E-09	2.4E-10	4.6E-15
Monochlorobiphenyl	1.4E-15	1.2E-15	2.3E-07	2.9E-08	1.1E-13
Nonachlorobiphenyl	4.2E-18	3.6E-18	6.4E-11	8.0E-12	1.8E-16
Octachlorobiphenyl	7.7E-18	6.5E-18	1.4E-10	1.7E-11	3.3E-16
Pentachlorobiphenyl	3.9E-16	3.3E-16	6.5E-09	8.1E-10	1.7E-14
Tetrachlorobiphenyl	7.9E-17	6.6E-17	1.1E-08	1.3E-09	6.2E-15
Trichlorobiphenyl	9.5E-17	8.0E-17	1.4E-08	1.7E-09	7.4E-15
Pesticides					
DDE		2.4E-06			7.8E-05
Dieldrin	9.6E-09	1.1E-08			5.5E-10
SVOCs					
1,2,4-trichlorobenzene			9.6E-08	1.2E-08	
1,2-dichlorobenzene			3.9E-08	4.9E-09	
1,3-dichlorobenzene			5.8E-08	7.2E-09	
1,4-dichlorobenzene			5.4E-07	6.8E-08	
2,4-Dimethylphenol			8.5E-06	1.1E-06	
2-Chlorophenol			1.7E-06	2.1E-07	
2-Methylphenol			2.0E-05	2.5E-06	
2-Nitrophenol			2.7E-06	3.4E-07	
3-Methylphenol & 4-Methylphenol		1.3E-12	3.6E-05	4.5E-06	6.5E-14
4-Nitrophenol			4.5E-06	5.6E-07	

Table H-261 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			4.2E-05	5.3E-06	
Benzoic acid			1.9E-04	2.4E-05	
Benzyl alcohol			1.6E-06	2.0E-07	
bis(2-Ethylhexyl) phthalate	2.4E-12	2.8E-12	6.8E-05	8.5E-06	1.4E-13
Butyl benzyl phthalate	1.2E-15	1.4E-15	2.1E-06	2.7E-07	6.7E-17
Carbazole		5.0E-15	6.0E-08	7.5E-09	2.5E-16
Dibenzofuran	5.1E-17	2.0E-16	3.4E-06	4.3E-07	8.6E-14
Dimethyl phthalate			1.2E-07	1.5E-08	
Di-n-butyl phthalate	1.2E-15	1.4E-15	3.3E-06	4.1E-07	6.7E-17
Di-n-octyl phthalate	3.4E-15	4.0E-15	2.3E-07	2.9E-08	1.9E-16
Hexachlorobutadiene			1.6E-05	2.0E-06	
Isopropanol			2.1E+00		
Phenol			1.1E-04	1.3E-05	
Pyridine			1.0E-05	1.3E-06	
TRS					
Total Reduced Sulfur			1.0E-04	1.3E-05	
VOCs					
1,1,1,2-Tetrachloroethane			4.8E-08	6.0E-09	
1,1,1-Trichloroethane			4.7E-08	5.9E-09	
1,1-Dichloroethene			9.3E-09	1.2E-09	
1,2,3-Trichlorobenzene			1.9E-07	2.4E-08	
1,2,3-Trichloropropane			3.9E-08	4.8E-09	

Table H-261 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			2.2E-06	2.8E-07	
1,2-Dibromoethane			2.5E-08	3.1E-09	
1,2-Dichloroethane			8.2E-03	3.6E-04	
1,3,5-Trimethylbenzene			2.1E-06	2.6E-07	
1,3-Dichloropropane			2.4E-08	3.0E-09	
2-Butanone			1.2E-05	1.5E-06	
2-Chlorotoluene			5.3E-07	6.6E-08	
2-Hexanone			2.4E-06	3.0E-07	
Benzene			2.9E-01	3.5E-03	
Bromobenzene			1.3E-05	1.7E-06	
Bromochloromethane			3.1E-08	3.9E-09	
Bromodichloromethane			3.4E-08	4.3E-09	
Bromomethane			1.4E-06	1.7E-07	
Carbon disulfide			1.2E-06	1.5E-07	
Carbon tetrachloride			5.5E-02	5.5E-03	
Chlorobenzene			1.7E-06	2.1E-07	
Chlorodibromomethane			8.5E-07	1.1E-07	
Chloroethane			3.3E-06	4.1E-07	
Chloroform			1.3E-02	8.6E-04	
Chloromethane			1.1E-05	1.4E-06	
cis-1,2-Dichloroethene			1.4E-06	1.8E-07	
cis-1,3-Dichloropropene			8.7E-09	1.1E-09	

Table H-261 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			7.3E-08	9.1E-09	
Dichlorodifluoromethane			8.9E-08	1.1E-08	
Ethylbenzene			7.7E-02	8.7E-06	
Isopropylbenzene			5.6E-06	7.0E-07	
m&p-Xylene			1.3E-05	1.6E-06	
Methyl Isobutyl Ketone (4-methyl-2-penta			1.3E-07	1.6E-08	
Methylene chloride			6.4E-06	8.1E-07	
n-Butylbenzene			2.8E-06	3.5E-07	
n-Propylbenzene			3.3E-06	4.2E-07	
o-Xylene			8.2E-06	1.0E-06	
p-Chlorotoluene			2.0E-07	2.5E-08	
p-Isopropyltoluene			1.4E-06	1.7E-07	
sec-Butylbenzene			5.1E-07	6.4E-08	
Styrene			1.8E-04	2.3E-05	
tert-Butylbenzene			1.6E-05	2.0E-06	
Tetrachloroethene			4.3E-08	5.4E-09	
Toluene			1.1E-04	1.4E-05	
trans-1,2-Dichloroethene			3.0E-05	3.8E-06	
trans-1,3-Dichloropropene			1.5E-08	1.9E-09	
Trichloroethene			1.8E-03	3.2E-10	
Trichlorofluoromethane			3.1E-08	3.9E-09	
Vinyl chloride			1.8E-06	2.2E-07	

Table H-262 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			8.4E-07	1.0E-07	
Aldehydes					
Acetaldehyde			1.4E-06	1.8E-07	
Formaldehyde			4.8E-03	7.7E-08	
Propionaldehyde		2.2E-15	1.6E-07	2.0E-08	1.7E-14
CO					
Carbon monoxide			4.5E-05	5.6E-06	
CO2					
Carbon dioxide			1.4E-06	1.8E-07	
Criteria					
Sulfur Dioxide			3.8E-07	4.7E-08	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	2.2E-15	8.5E-15	8.5E-13	1.1E-13	4.2E-19
1,2,3,4,6,7,8-HpCDF	2.2E-15	8.6E-15	8.6E-13	1.1E-13	4.2E-19
1,2,3,4,7,8,9-HpCDF	2.5E-16	9.9E-16	1.1E-13	1.4E-14	4.8E-20
1,2,3,4,7,8-HxCDD	2.5E-16	9.7E-16	1.0E-13	1.3E-14	4.7E-20
1,2,3,4,7,8-HxCDF	2.0E-15	7.7E-15	8.3E-13	1.0E-13	3.8E-19
1,2,3,6,7,8-HxCDD	5.0E-16	2.0E-15	2.1E-13	2.7E-14	9.7E-20
1,2,3,6,7,8-HxCDF	6.4E-16	2.5E-15	2.7E-13	3.4E-14	1.2E-19
1,2,3,7,8,9-HxCDD	7.9E-16	3.1E-15	3.2E-13	4.1E-14	1.5E-19
1,2,3,7,8,9-HxCDF	4.6E-17	1.8E-16	2.1E-14	2.6E-15	8.8E-21

Table H-262 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	2.8E-16	1.1E-15	1.3E-13	1.6E-14	5.4E-20
1,2,3,7,8-PeCDF	3.3E-16	1.3E-15	1.8E-13	2.3E-14	6.3E-20
2,3,4,6,7,8-HxCDF	1.0E-15	3.9E-15	4.2E-13	5.2E-14	1.9E-19
2,3,4,7,8-PeCDF	7.8E-16	3.1E-15	4.1E-13	5.2E-14	1.5E-19
2,3,7,8-TCDD	5.5E-17	2.2E-16	5.2E-14	6.5E-15	7.4E-18
2,3,7,8-TCDF	1.0E-16	4.0E-16	1.9E-13	2.4E-14	2.0E-20
OCDD	1.5E-15	5.8E-15	5.6E-13	7.0E-14	2.8E-19
OCDF	5.7E-16	2.2E-15	2.1E-13	2.6E-14	1.1E-19
HCN					
Hydrogen cyanide			1.6E-07	2.0E-08	
Metals					
Aluminum		1.2E-02			5.7E-07
Antimony		7.7E-07	1.0E-08	1.3E-09	3.8E-11
Arsenic	2.7E-06	6.4E-06	5.9E-10	7.4E-11	5.2E-10
Barium		4.4E-09	1.3E-07	1.6E-08	2.1E-13
Beryllium		1.0E-15	4.3E-11	5.4E-12	5.1E-20
Cadmium		8.2E-16	7.6E-10	9.5E-11	4.0E-20
Chromium		9.6E-11	6.5E-09	8.1E-10	4.7E-15
Cobalt		3.3E-05	9.8E-09	1.2E-09	1.6E-09
Copper		4.5E-10	1.8E-08	2.2E-09	2.2E-14
Iron		2.7E-02			1.3E-06
Lead		1.1E-04	6.0E-09	7.5E-10	5.5E-09

Table H-262 (Average Daily Dose)

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Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		8.0E-13	5.5E-09	6.8E-10	3.9E-17
Mercury (+2)		6.4E-14	2.4E-11	2.9E-12	3.1E-18
Mercury, elemental		2.7E-08	9.8E-14	1.2E-14	5.2E-08
Methyl Mercury		3.8E-15			1.9E-19
Nickel		5.6E-04	3.5E-09	4.3E-10	2.7E-08
Phosphorus		7.5E-15	2.6E-08	3.3E-09	7.2E-14
Selenium		4.0E-17	1.7E-10	2.2E-11	2.0E-21
Silver		8.5E-13	1.1E-10	1.4E-11	4.2E-17
Thallium (Soluble Salts)		8.1E-08			4.0E-12
Titanium		8.0E-15	6.1E-11	7.6E-12	3.9E-19
Zinc		1.8E-13	1.4E-07	1.7E-08	9.0E-18
NOx					
NOx (Oxides of Nitrogen)			1.6E-06	2.0E-07	
PAHs					
1-Methylnaphthalene	2.4E-16	2.2E-16	3.3E-08	4.1E-09	2.5E-16
1-Methylphenanthrene		1.5E-13	3.9E-09	4.9E-10	7.1E-18
2,3,5-Trimethylnaphthalene		6.8E-14	1.9E-09	2.4E-10	3.3E-18
2,6-Dimethylnaphthalene		1.9E-13	5.1E-09	6.4E-10	9.1E-18
2-Methylnaphthalene	2.3E-16	2.1E-16	3.2E-08	4.0E-09	2.4E-16
Acenaphthylene		6.0E-13	1.9E-08	2.4E-09	2.9E-17
Acenaphthene			3.5E-09	4.3E-10	
Anthracene			6.1E-09	7.6E-10	

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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)anthracene	1.6E-07	1.5E-07	3.0E-09	3.7E-10	2.3E-09
Benzo(a)pyrene	1.7E-07	1.5E-07	1.2E-09	1.5E-10	7.6E-12
Benzo(b)fluoranthene	3.0E-07	2.7E-07	1.3E-09	1.6E-10	1.3E-11
Benzo(e)pyrene		3.4E-14	1.0E-09	1.3E-10	1.7E-18
Benzo(g,h,i)perylene		2.5E-14	7.7E-10	9.6E-11	1.2E-18
Benzo(k)fluoranthene	1.2E-07	1.1E-07	1.2E-11	1.5E-12	5.5E-12
Biphenyl		3.3E-15	1.1E-07	1.4E-08	2.0E-15
Chrysene	2.4E-07	2.1E-07	5.1E-09	6.4E-10	1.0E-11
Dibenzo(a,h)anthracene	3.4E-13	3.1E-13	1.9E-10	2.3E-11	1.5E-17
Fluoranthene	6.8E-14	6.1E-14	7.5E-09	9.4E-10	3.0E-18
Fluorene			1.9E-08	2.3E-09	
Indeno(1,2,3-cd)pyrene	9.4E-08	8.6E-08	6.2E-10	7.7E-11	4.2E-12
Napthalene			1.5E-07	1.9E-08	
Perylene		1.3E-14	4.6E-10	5.8E-11	6.5E-19
Phenanthrene			3.5E-08	4.4E-09	
Pyrene	2.8E-13	2.5E-13	7.3E-09	9.1E-10	7.1E-15
Particulate					
Particulate Total Suspended Particulate		3.0E-09	2.3E-05	2.9E-06	1.5E-13
PM<10		3.8E-09	3.1E-05	3.9E-06	1.9E-13
PM<2.5		3.2E-09	2.6E-05	3.3E-06	1.6E-13
PCBs					
Dichlorobiphenyl	9.9E-16	8.3E-16	9.3E-11	1.2E-11	7.8E-17

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Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Heptachlorobiphenyl	1.2E-16	9.8E-17	1.3E-12	1.6E-13	5.0E-18
Hexachlorobiphenyl	5.2E-16	4.4E-16	5.3E-12	6.7E-13	2.3E-17
Monochlorobiphenyl	6.9E-15	5.8E-15	6.5E-10	8.1E-11	5.4E-16
Nonachlorobiphenyl	2.0E-17	1.7E-17	1.8E-13	2.2E-14	8.8E-19
Octachlorobiphenyl	3.8E-17	3.2E-17	3.9E-13	4.9E-14	1.6E-18
Pentachlorobiphenyl	1.9E-15	1.6E-15	1.8E-11	2.3E-12	8.1E-17
Tetrachlorobiphenyl	3.8E-16	3.2E-16	3.0E-11	3.8E-12	3.0E-17
Trichlorobiphenyl	4.5E-16	3.8E-16	3.8E-11	4.8E-12	3.6E-17
Pesticides					
DDE		6.8E-06			2.2E-07
Dieldrin	2.7E-08	3.2E-08			1.6E-12
SVOCs					
1,2,4-trichlorobenzene			2.7E-10	3.4E-11	
1,2-dichlorobenzene			1.1E-10	1.4E-11	
1,3-dichlorobenzene			1.6E-10	2.0E-11	
1,4-dichlorobenzene			1.5E-09	1.9E-10	
2,4-Dimethylphenol			2.4E-08	3.0E-09	
2-Chlorophenol			4.7E-09	5.9E-10	
2-Methylphenol			5.6E-08	7.0E-09	
2-Nitrophenol			7.6E-09	9.4E-10	
3-Methylphenol & 4-Methylphenol		3.7E-12	1.0E-07	1.3E-08	1.8E-16
4-Nitrophenol			1.3E-08	1.6E-09	

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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			1.2E-07	1.5E-08	
Benzoic acid			5.4E-07	6.7E-08	
Benzyl alcohol			4.5E-09	5.6E-10	
bis(2-Ethylhexyl) phthalate	6.7E-12	8.0E-12	1.9E-07	2.4E-08	3.9E-16
Butyl benzyl phthalate	3.3E-15	3.8E-15	6.0E-09	7.5E-10	1.9E-19
Carbazole		1.4E-14	1.7E-10	2.1E-11	6.9E-19
Dibenzofuran	1.4E-16	5.7E-16	9.5E-09	1.2E-09	2.4E-16
Dimethyl phthalate			3.3E-10	4.2E-11	
Di-n-butyl phthalate	3.3E-15	3.9E-15	9.2E-09	1.1E-09	1.9E-19
Di-n-octyl phthalate	9.4E-15	1.1E-14	6.4E-10	8.0E-11	5.5E-19
Hexachlorobutadiene			4.4E-08	5.5E-09	
Isopropanol			5.9E-03		
Phenol			3.0E-07	3.8E-08	
Pyridine			2.9E-08	3.6E-09	
TRS					
Total Reduced Sulfur			2.9E-07	3.6E-08	
VOCs					
1,1,1,2-Tetrachloroethane			1.3E-10	1.7E-11	
1,1,1-Trichloroethane			1.3E-10	1.7E-11	
1,1-Dichloroethene			2.6E-11	3.2E-12	
1,2,3-Trichlorobenzene			5.3E-10	6.7E-11	
1,2,3-Trichloropropane			1.1E-10	1.4E-11	

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Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			6.2E-09	7.8E-10	
1,2-Dibromoethane			6.9E-11	8.6E-12	
1,2-Dichloroethane			2.3E-05	1.0E-06	
1,3,5-Trimethylbenzene			5.9E-09	7.3E-10	
1,3-Dichloropropane			6.7E-11	8.4E-12	
2-Butanone			3.3E-08	4.1E-09	
2-Chlorotoluene			1.5E-09	1.8E-10	
2-Hexanone			6.8E-09	8.4E-10	
Benzene			8.2E-04	9.7E-06	
Bromobenzene			3.7E-08	4.7E-09	
Bromochloromethane			8.8E-11	1.1E-11	
Bromodichloromethane			9.5E-11	1.2E-11	
Bromomethane			3.8E-09	4.8E-10	
Carbon disulfide			3.3E-09	4.2E-10	
Carbon tetrachloride			1.6E-04	1.5E-05	
Chlorobenzene			4.8E-09	6.0E-10	
Chlorodibromomethane			2.4E-09	3.0E-10	
Chloroethane			9.1E-09	1.1E-09	
Chloroform			3.7E-05	2.4E-06	
Chloromethane			3.1E-08	3.9E-09	
cis-1,2-Dichloroethene			4.0E-09	5.0E-10	
cis-1,3-Dichloropropene			2.4E-11	3.0E-12	

Table H-262 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			2.0E-10	2.5E-11	
Dichlorodifluoromethane			2.5E-10	3.1E-11	
Ethylbenzene			2.1E-04	2.4E-08	
Isopropylbenzene			1.6E-08	2.0E-09	
m&p-Xylene			3.6E-08	4.6E-09	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.6E-10	4.5E-11	
Methylene chloride			1.8E-08	2.3E-09	
n-Butylbenzene			7.8E-09	9.7E-10	
n-Propylbenzene			9.4E-09	1.2E-09	
o-Xylene			2.3E-08	2.9E-09	
p-Chlorotoluene			5.5E-10	6.9E-11	
p-Isopropyltoluene			3.8E-09	4.8E-10	
sec-Butylbenzene			1.4E-09	1.8E-10	
Styrene			5.1E-07	6.4E-08	
tert-Butylbenzene			4.6E-08	5.7E-09	
Tetrachloroethene			1.2E-10	1.5E-11	
Toluene			3.2E-07	3.9E-08	
trans-1,2-Dichloroethene			8.4E-08	1.1E-08	
trans-1,3-Dichloropropene			4.2E-11	5.3E-12	
Trichloroethene			5.0E-06	9.1E-13	
Trichlorofluoromethane			8.7E-11	1.1E-11	
Vinyl chloride			5.0E-09	6.2E-10	

Table H-263 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.0E-04	1.1E-02	3.7E-05	3.5E-03		
Aldehydes											
Acetaldehyde	3.3E-14					5.2E-04	1.9E-02	6.5E-05	6.2E-03		
Formaldehyde	1.6E-13					1.7E+00	7.3E-03	2.7E-05	2.4E-03		
Propionaldehyde				8.0E-16	2.6E-14	5.7E-05	2.1E-03	7.1E-06	6.9E-04	6.0E-12	4.2E-10
CO											
Carbon monoxide						1.6E-02	6.0E-01	2.0E-03	2.0E-01		
CO2											
Carbon dioxide						5.0E-04	1.8E-02	6.3E-05	6.0E-03		
Criteria											
Sulfur Dioxide						1.4E-04	4.4E-03	1.7E-05	1.5E-03		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	4.4E-19	4.4E-16	8.3E-15	1.7E-15	6.6E-14	3.0E-10	1.2E-08	3.8E-11	4.0E-09	8.6E-17	7.1E-15
1,2,3,4,6,7,8-HpCDF	4.3E-19	4.5E-16	8.3E-15	1.8E-15	6.6E-14	3.1E-10	1.2E-08	3.8E-11	4.0E-09	8.7E-17	7.1E-15
1,2,3,4,7,8,9-HpCDF	6.5E-20	5.2E-17	1.0E-15	2.0E-16	7.9E-15	3.9E-11	1.6E-09	4.8E-12	5.3E-10	9.9E-18	8.5E-16
1,2,3,4,7,8-HxCDD	5.0E-19	5.0E-17	9.7E-16	2.0E-16	7.7E-15	3.6E-11	1.5E-09	4.5E-12	4.9E-10	9.7E-18	8.3E-16
1,2,3,4,7,8-HxCDF	3.4E-18	4.0E-16	7.7E-15	1.6E-15	6.1E-14	3.0E-10	1.2E-08	3.7E-11	4.0E-09	7.7E-17	6.6E-15
1,2,3,6,7,8-HxCDD	9.5E-19	1.0E-16	2.0E-15	4.0E-16	1.6E-14	7.6E-11	3.1E-09	9.6E-12	1.0E-09	2.0E-17	1.7E-15
1,2,3,6,7,8-HxCDF	1.3E-18	1.3E-16	2.5E-15	5.2E-16	2.0E-14	9.6E-11	3.9E-09	1.2E-11	1.3E-09	2.5E-17	2.2E-15
1,2,3,7,8,9-HxCDD	1.4E-18	1.6E-16	3.1E-15	6.4E-16	2.5E-14	1.2E-10	4.7E-09	1.4E-11	1.6E-09	3.1E-17	2.7E-15
1,2,3,7,8,9-HxCDF	1.0E-19	9.4E-18	1.8E-16	3.7E-17	1.4E-15	7.4E-12	3.0E-10	9.2E-13	1.0E-10	1.8E-18	1.6E-16
1,2,3,7,8-PeCDD	2.6E-18	5.7E-17	1.1E-15	2.2E-16	8.8E-15	4.6E-11	1.9E-09	5.8E-12	6.3E-10	1.1E-17	9.5E-16
1,2,3,7,8-PeCDF	3.7E-18	6.7E-17	1.3E-15	2.6E-16	1.0E-14	6.6E-11	2.7E-09	8.2E-12	9.0E-10	1.3E-17	1.1E-15

Table H-263 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	1.8E-18	2.0E-16	3.9E-15	8.1E-16	3.0E-14	1.5E-10	5.9E-09	1.9E-11	2.0E-09	4.0E-17	3.3E-15
2,3,4,7,8-PeCDF	5.8E-18	1.6E-16	3.1E-15	6.3E-16	2.5E-14	1.5E-10	6.0E-09	1.8E-11	2.0E-09	3.1E-17	2.7E-15
2,3,7,8-TCDD	8.9E-19	1.2E-17	1.7E-16	4.5E-17	1.3E-15	1.9E-11	6.2E-10	2.3E-12	2.1E-10	1.5E-15	9.8E-14
2,3,7,8-TCDF	2.9E-18	2.1E-17	4.2E-16	8.3E-17	3.3E-15	6.8E-11	2.8E-09	8.5E-12	9.3E-10	4.1E-18	3.6E-16
OCDD	5.9E-21	3.0E-16	5.5E-15	1.2E-15	4.4E-14	2.0E-10	7.9E-09	2.5E-11	2.6E-09	5.8E-17	4.7E-15
OCDF	2.2E-21	1.2E-16	2.1E-15	4.6E-16	1.6E-14	7.5E-11	2.9E-09	9.4E-12	9.8E-10	2.2E-17	1.8E-15
HCN											
Hydrogen cyanide						5.7E-05	2.2E-03	7.1E-06	7.3E-04		
Metals											
Aluminum				4.1E-03						2.0E-04	
Antimony	5.6E-18			2.8E-07		3.7E-06	9.2E-05	4.7E-07	3.1E-05	1.3E-08	
Arsenic	2.9E-16	9.7E-07	1.7E-17	2.3E-06	8.1E-17	2.1E-07	7.5E-06	2.7E-08	2.5E-06	1.9E-07	1.5E-17
Barium	7.7E-13			9.7E-10	3.4E-08	4.5E-05	1.2E-03	5.6E-06	4.0E-04	4.8E-11	3.6E-09
Beryllium	1.2E-17			3.7E-16	1.4E-14	1.5E-08	5.2E-07	1.9E-09	1.7E-07	1.8E-17	1.5E-15
Cadmium	3.0E-15			2.9E-16	1.1E-14	2.7E-07	9.4E-06	3.4E-08	3.1E-06	1.4E-17	1.2E-15
Chromium	8.7E-16			2.5E-11	9.9E-10	2.3E-06	8.3E-05	2.9E-07	2.8E-05	1.2E-12	1.1E-10
Cobalt				1.2E-05	3.1E-09	3.5E-06	6.4E-05	4.4E-07	2.1E-05	5.7E-07	3.4E-10
Copper				1.0E-10	3.9E-09	6.3E-06	2.2E-04	7.9E-07	7.2E-05	5.1E-12	4.3E-10
Iron				9.8E-03						4.8E-04	
Lead	2.5E-18			4.0E-05	1.4E-12	2.1E-06	7.0E-05	2.7E-07	2.3E-05	1.9E-06	1.5E-13
Manganese				2.8E-13	1.1E-11	1.9E-06	6.7E-05	2.4E-07	2.2E-05	1.4E-14	1.2E-12
Mercury (+2)				1.1E-14	3.5E-13	8.4E-09	3.0E-07	1.1E-09	9.9E-08	5.6E-16	3.8E-14
Mercury, elemental				9.6E-09		3.5E-11	1.2E-09	4.4E-12	4.1E-10	1.9E-05	
Methyl Mercury	3.0E-15			6.8E-16	2.6E-14					3.3E-17	2.8E-15

Table H-263 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	1.2E-15			2.0E-04	5.5E-14	1.2E-06	4.3E-05	1.5E-07	1.4E-05	9.7E-06	6.0E-15
Phosphorus				2.7E-15	9.9E-14	9.4E-06	3.1E-04	1.2E-06	1.0E-04	2.6E-11	2.1E-09
Selenium	9.9E-17			1.4E-17	5.5E-16	6.2E-08	2.2E-06	7.8E-09	7.3E-07	7.1E-19	6.0E-17
Silver	7.1E-17			2.6E-13	9.9E-12	4.1E-08	1.3E-06	5.1E-09	4.5E-07	1.3E-14	1.1E-12
Thallium (Soluble Salts)				2.9E-08						1.4E-09	
Titanium				2.9E-15	1.2E-13	2.2E-08	8.1E-07	2.7E-09	2.7E-07	1.4E-16	1.2E-14
Zinc	1.5E-12			6.6E-14	2.3E-12	4.9E-05	1.4E-03	6.1E-06	4.7E-04	3.2E-15	2.5E-13
NOx											
NOx (Oxides of Nitrogen)						5.6E-04	1.9E-02	7.0E-05	6.2E-03		
PAHs											
1-Methylnaphthalene		8.5E-17	1.7E-15	7.7E-17	3.2E-15	1.2E-05	4.9E-04	1.5E-06	1.6E-04	8.8E-14	7.9E-12
1-Methylphenanthrene				5.2E-14	2.1E-12	1.4E-06	5.9E-05	1.8E-07	2.0E-05	2.5E-15	2.3E-13
2,3,5-Trimethylnaphthalene				2.4E-14	1.1E-12	7.0E-07	3.0E-05	8.7E-08	1.0E-05	1.2E-15	1.1E-13
2,6-Dimethylnaphthalene				6.6E-14	2.8E-12	1.8E-06	7.8E-05	2.3E-07	2.6E-05	3.3E-15	3.0E-13
2-Methylnaphthalene		8.2E-17	1.7E-15	7.5E-17	3.1E-15	1.1E-05	4.8E-04	1.4E-06	1.6E-04	8.6E-14	7.8E-12
Acenaphthylene				2.1E-13	9.0E-12	6.7E-06	2.9E-04	8.4E-07	9.5E-05	1.0E-14	9.7E-13
Acenaphthene	1.2E-15					1.2E-06	5.2E-05	1.5E-07	1.7E-05		
Anthracene	1.5E-14					2.2E-06	9.2E-05	2.7E-07	3.1E-05		
Benzo(a)anthracene	2.2E-12	5.9E-08	1.4E-11	5.4E-08	2.6E-11	1.1E-06	4.6E-05	1.3E-07	1.5E-05	8.1E-07	8.7E-10
Benzo(a)pyrene	1.1E-12	6.1E-08	6.1E-12	5.5E-08	1.1E-11	4.2E-07	1.8E-05	5.3E-08	5.9E-06	2.7E-09	1.2E-12
Benzo(b)fluoranthene	3.0E-13	1.1E-07	3.3E-13	9.8E-08	6.0E-13	4.7E-07	1.9E-05	5.9E-08	6.3E-06	4.8E-09	6.5E-14
Benzo(e)pyrene				1.2E-14	4.8E-13	3.6E-07	1.5E-05	4.5E-08	4.9E-06	6.0E-16	5.2E-14
Benzo(g,h,i)perylene				9.0E-15	3.6E-13	2.7E-07	1.1E-05	3.4E-08	3.8E-06	4.4E-16	3.9E-14
Benzo(k)fluoranthene	2.4E-15	4.4E-08	2.0E-13	4.0E-08	3.6E-13	4.2E-09	7.4E-08	5.2E-10	2.5E-08	1.9E-09	3.8E-14

Table H-263 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				1.2E-15	5.0E-14	4.0E-05	1.7E-03	5.0E-06	5.6E-04	7.0E-13	6.4E-11
Chrysene	3.8E-13	8.4E-08	1.7E-11	7.6E-08	3.1E-11	1.8E-06	7.6E-05	2.3E-07	2.5E-05	3.7E-09	3.4E-12
Dibenze(a,h)anthracene	5.5E-14	1.1E-13	2.1E-12	9.7E-14	3.9E-12	6.6E-08	2.7E-06	8.3E-09	9.1E-07	4.8E-15	4.2E-13
Fluoranthene	9.9E-14	2.3E-14	4.6E-13	2.1E-14	8.4E-13	2.7E-06	1.1E-04	3.3E-07	3.7E-05	1.0E-15	9.1E-14
Fluorene	2.2E-14					6.7E-06	2.8E-04	8.4E-07	9.4E-05		
Indeno(1,2,3-cd)pyrene	1.4E-13	3.4E-08	5.9E-12	3.1E-08	1.1E-11	2.2E-07	9.1E-06	2.7E-08	3.0E-06	1.5E-09	1.2E-12
Napthalene	1.0E-14					5.3E-05	2.2E-03	6.6E-06	7.4E-04		
Perylene				4.7E-15	2.2E-13	1.6E-07	7.3E-06	2.1E-08	2.4E-06	2.3E-16	2.4E-14
Phenanthrene	1.0E-13					1.3E-05	5.2E-04	1.6E-06	1.7E-04		
Pyrene	7.2E-14	7.7E-14	1.6E-12	7.0E-14	2.9E-12	2.6E-06	1.1E-04	3.3E-07	3.6E-05	1.9E-12	1.8E-10
Particulate											
Particulate Total Suspended Particulate				1.1E-09	4.4E-08	8.4E-03	3.2E-01	1.0E-03	1.1E-01	5.2E-11	4.7E-09
PM<10				1.4E-09	5.7E-08	1.1E-02	4.3E-01	1.4E-03	1.4E-01	6.7E-11	6.1E-09
PM<2.5				1.1E-09	4.8E-08	9.4E-03	3.7E-01	1.2E-03	1.2E-01	5.6E-11	5.1E-09
PCBs											
Dichlorobiphenyl	2.2E-15	2.1E-16	4.1E-15	1.7E-16	6.9E-15	3.3E-08	1.4E-06	4.1E-09	4.5E-07	1.6E-14	1.4E-12
Heptachlorobiphenyl	8.2E-17	2.4E-17	4.6E-16	2.0E-17	7.8E-16	4.5E-10	1.8E-08	5.7E-11	6.1E-09	1.0E-15	8.7E-14
Hexachlorobiphenyl	3.3E-16	1.1E-16	1.9E-15	9.1E-17	3.3E-15	1.9E-09	7.4E-08	2.4E-10	2.5E-08	4.6E-15	3.7E-13
Monochlorobiphenyl	1.5E-14	1.4E-15	2.9E-14	1.2E-15	4.8E-14	2.3E-07	9.5E-06	2.9E-08	3.2E-06	1.1E-13	9.9E-12
Nonachlorobiphenyl	1.0E-17	4.2E-18	6.5E-17	3.6E-18	1.1E-16	6.4E-11	2.3E-09	8.0E-12	7.6E-10	1.8E-16	1.2E-14
Octachlorobiphenyl	2.4E-17	7.7E-18	1.4E-16	6.5E-18	2.4E-16	1.4E-10	5.4E-09	1.7E-11	1.8E-09	3.3E-16	2.7E-14
Pentachlorobiphenyl	1.1E-15	3.9E-16	6.6E-15	3.3E-16	1.1E-14	6.5E-09	2.5E-07	8.1E-10	8.2E-08	1.7E-14	1.3E-12
Tetrachlorobiphenyl	6.5E-16	7.9E-17	1.3E-15	6.6E-17	2.2E-15	1.1E-08	4.0E-07	1.3E-09	1.3E-07	6.2E-15	4.6E-13
Trichlorobiphenyl	8.5E-16	9.5E-17	1.7E-15	8.0E-17	2.8E-15	1.4E-08	5.3E-07	1.7E-09	1.8E-07	7.4E-15	5.9E-13

Table H-263 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				2.4E-06						7.8E-05	
Dieldrin		9.6E-09		1.1E-08						5.5E-10	
SVOCs											
1,2,4-trichlorobenzene						9.6E-08	3.1E-06	1.2E-08	1.0E-06		
1,2-dichlorobenzene	9.8E-19					3.9E-08	6.9E-07	4.9E-09	2.3E-07		
1,3-dichlorobenzene	2.5E-18					5.8E-08	2.0E-06	7.2E-09	6.6E-07		
1,4-dichlorobenzene	3.3E-17					5.4E-07	2.4E-05	6.8E-08	8.1E-06		
2,4-Dimethylphenol	9.0E-16					8.5E-06	3.4E-04	1.1E-06	1.1E-04		
2-Chlorophenol	4.6E-17					1.7E-06	7.4E-05	2.1E-07	2.5E-05		
2-Methylphenol	1.9E-14					2.0E-05	8.4E-04	2.5E-06	2.8E-04		
2-Nitrophenol	1.1E-16					2.7E-06	1.1E-04	3.4E-07	3.7E-05		
3-Methylphenol & 4-Methylphenol				1.3E-12	5.5E-11	3.6E-05	1.5E-03	4.5E-06	5.0E-04	6.5E-14	5.9E-12
4-Nitrophenol	2.3E-16					4.5E-06	1.7E-04	5.6E-07	5.8E-05		
Acetophenone	1.4E-15					4.2E-05	1.7E-03	5.3E-06	5.8E-04		
Benzoic acid	5.7E-15					1.9E-04	8.0E-03	2.4E-05	2.7E-03		
Benzyl alcohol	3.5E-18					1.6E-06	4.9E-05	2.0E-07	1.6E-05		
bis(2-Ethylhexyl) phthalate	1.8E-13	2.4E-12	4.3E-11	2.8E-12	1.0E-10	6.8E-05	2.6E-03	8.5E-06	8.8E-04	1.4E-13	1.1E-11
Butyl benzyl phthalate	6.3E-14	1.2E-15	2.4E-14	1.4E-15	5.6E-14	2.1E-06	8.9E-05	2.7E-07	3.0E-05	6.7E-17	6.1E-15
Carbazole				5.0E-15	9.3E-14	6.0E-08	1.1E-06	7.5E-09	3.6E-07	2.5E-16	1.0E-14
Dibenzofuran		5.1E-17	1.0E-15	2.0E-16	8.1E-15	3.4E-06	1.4E-04	4.3E-07	4.7E-05	8.6E-14	7.6E-12
Dimethyl phthalate	2.3E-17					1.2E-07	2.1E-06	1.5E-08	7.1E-07		
Di-n-butyl phthalate	6.0E-13	1.2E-15	2.4E-14	1.4E-15	5.6E-14	3.3E-06	1.4E-04	4.1E-07	4.5E-05	6.7E-17	6.1E-15
Di-n-octyl phthalate	4.5E-18	3.4E-15	3.1E-14	4.0E-15	7.3E-14	2.3E-07	4.1E-06	2.9E-08	1.4E-06	1.9E-16	7.9E-15

Table H-263 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	2.4E-15					1.6E-05	2.8E-04	2.0E-06	9.4E-05		
Isopropanol						2.1E+00					
Phenol	5.3E-14					1.1E-04	4.5E-03	1.3E-05	1.5E-03		
Pyridine	2.7E-15					1.0E-05	4.2E-04	1.3E-06	1.4E-04		
TRS											
Total Reduced Sulfur						1.0E-04	4.5E-03	1.3E-05	1.5E-03		
VOCs											
1,1,1,2-Tetrachloroethane	9.6E-19					4.8E-08	1.6E-06	6.0E-09	5.4E-07		
1,1,1-Trichloroethane	6.3E-20					4.7E-08	1.8E-06	5.9E-09	5.9E-07		
1,1-Dichloroethene	2.1E-21					9.3E-09	1.7E-07	1.2E-09	5.5E-08		
1,2,3-Trichlorobenzene	6.7E-17					1.9E-07	7.1E-06	2.4E-08	2.4E-06		
1,2,3-Trichloropropane	3.9E-19					3.9E-08	6.9E-07	4.8E-09	2.3E-07		
1,2,4-Trimethylbenzene						2.2E-06	7.1E-05	2.8E-07	2.4E-05		
1,2-Dibromoethane	1.3E-19					2.5E-08	4.4E-07	3.1E-09	1.5E-07		
1,2-Dichloroethane	4.2E-18					8.2E-03	3.7E-05	3.6E-04	1.2E-05		
1,3,5-Trimethylbenzene	2.2E-17					2.1E-06	6.2E-05	2.6E-07	2.1E-05		
1,3-Dichloropropane						2.4E-08	4.3E-07	3.0E-09	1.4E-07		
2-Butanone	8.7E-16					1.2E-05	4.7E-04	1.5E-06	1.6E-04		
2-Chlorotoluene						5.3E-07	2.2E-05	6.6E-08	7.2E-06		
2-Hexanone						2.4E-06	8.8E-05	3.0E-07	2.9E-05		
Benzene	7.0E-16					2.9E-01	1.2E-02	3.5E-03	4.1E-03		
Bromobenzene						1.3E-05	2.4E-04	1.7E-06	7.9E-05		
Bromochloromethane						3.1E-08	5.6E-07	3.9E-09	1.9E-07		
Bromodichloromethane	1.1E-19					3.4E-08	6.1E-07	4.3E-09	2.0E-07		

Table H-263 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromomethane	4.8E-19					1.4E-06	4.1E-05	1.7E-07	1.4E-05		
Carbon disulfide	4.5E-19					1.2E-06	3.5E-05	1.5E-07	1.2E-05		
Carbon tetrachloride	4.8E-20					5.5E-02	1.4E-06	5.5E-03	4.6E-07		
Chlorobenzene	1.7E-17					1.7E-06	6.1E-05	2.1E-07	2.0E-05		
Chlorodibromomethane	6.5E-18					8.5E-07	1.5E-05	1.1E-07	5.0E-06		
Chloroethane	1.3E-18					3.3E-06	1.1E-04	4.1E-07	3.8E-05		
Chloroform	1.0E-18					1.3E-02	1.4E-05	8.6E-04	4.5E-06		
Chloromethane	3.5E-18					1.1E-05	3.3E-04	1.4E-06	1.1E-04		
cis-1,2-Dichloroethene	1.4E-18					1.4E-06	2.5E-05	1.8E-07	8.4E-06		
cis-1,3-Dichloropropene						8.7E-09	1.6E-07	1.1E-09	5.2E-08		
Dibromomethane	1.5E-19					7.3E-08	1.3E-06	9.1E-09	4.3E-07		
Dichlorodifluoromethane	1.7E-21					8.9E-08	1.6E-06	1.1E-08	5.3E-07		
Ethylbenzene	5.3E-16					7.7E-02	2.6E-03	8.7E-06	8.8E-04		
Isopropylbenzene	7.0E-19					5.6E-06	1.9E-04	7.0E-07	6.4E-05		
m&p-Xylene	8.4E-17					1.3E-05	4.4E-04	1.6E-06	1.5E-04		
Methyl Isobutyl Ketone (4-methyl-2-per	8.6E-19					1.3E-07	2.3E-06	1.6E-08	7.6E-07		
Methylene chloride	9.3E-18					6.4E-06	2.4E-04	8.1E-07	7.9E-05		
n-Butylbenzene						2.8E-06	8.3E-05	3.5E-07	2.8E-05		
n-Propylbenzene						3.3E-06	1.1E-04	4.2E-07	3.7E-05		
o-Xylene	9.9E-17					8.2E-06	2.7E-04	1.0E-06	9.1E-05		
p-Chlorotoluene						2.0E-07	6.0E-06	2.5E-08	2.0E-06		
p-Isopropyltoluene						1.4E-06	3.3E-05	1.7E-07	1.1E-05		
sec-Butylbenzene						5.1E-07	1.5E-05	6.4E-08	5.1E-06		
Styrene	3.3E-15					1.8E-04	6.7E-03	2.3E-05	2.2E-03		

Table H-263 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)
tert-Butylbenzene						1.6E-05	2.9E-04	2.0E-06	9.7E-05			
Tetrachloroethene	2.4E-19					4.3E-08	1.5E-06	5.4E-09	5.0E-07			
Toluene	5.6E-16					1.1E-04	4.4E-03	1.4E-05	1.5E-03			
trans-1,2-Dichloroethene	2.1E-17					3.0E-05	5.4E-04	3.8E-06	1.8E-04			
trans-1,3-Dichloropropene						1.5E-08	2.7E-07	1.9E-09	9.0E-08			
Trichloroethene	2.4E-21					1.8E-03	4.6E-08	3.2E-10	1.5E-08			
Trichlorofluoromethane	3.7E-21					3.1E-08	5.6E-07	3.9E-09	1.9E-07			
Vinyl chloride	1.7E-19					1.8E-06	4.3E-05	2.2E-07	1.4E-05			

Table H-264 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	3.0E-05	1.0E-07	9.9E-06		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	5.2E-05	1.8E-07	1.7E-05		
Formaldehyde	4.5E-13					4.8E-03	2.0E-05	7.7E-08	6.8E-06		
Propionaldehyde				2.2E-15	7.2E-14	1.6E-07	5.8E-06	2.0E-08	1.9E-06	1.7E-14	1.2E-12
CO											
Carbon monoxide						4.5E-05	1.7E-03	5.6E-06	5.6E-04		
CO2											
Carbon dioxide						1.4E-06	5.0E-05	1.8E-07	1.7E-05		
Criteria											
Sulfur Dioxide						3.8E-07	1.2E-05	4.7E-08	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	4.0E-14	8.5E-15	3.2E-13	8.5E-13	3.4E-11	1.1E-13	1.1E-11	4.2E-19	3.4E-17
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	4.1E-14	8.6E-15	3.2E-13	8.6E-13	3.4E-11	1.1E-13	1.1E-11	4.2E-19	3.5E-17
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	4.9E-15	9.9E-16	3.9E-14	1.1E-13	4.4E-12	1.4E-14	1.5E-12	4.8E-20	4.2E-18
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	4.7E-15	9.7E-16	3.7E-14	1.0E-13	4.1E-12	1.3E-14	1.4E-12	4.7E-20	4.0E-18
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	3.8E-14	7.7E-15	3.0E-13	8.3E-13	3.3E-11	1.0E-13	1.1E-11	3.8E-19	3.2E-17
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	9.7E-15	2.0E-15	7.7E-14	2.1E-13	8.7E-12	2.7E-14	2.9E-12	9.7E-20	8.3E-18
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	1.2E-14	2.5E-15	9.8E-14	2.7E-13	1.1E-11	3.4E-14	3.6E-12	1.2E-19	1.1E-17
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.5E-14	3.1E-15	1.2E-13	3.2E-13	1.3E-11	4.1E-14	4.4E-12	1.5E-19	1.3E-17
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	8.9E-16	1.8E-16	7.1E-15	2.1E-14	8.4E-13	2.6E-15	2.8E-13	8.8E-21	7.6E-19
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	5.4E-15	1.1E-15	4.3E-14	1.3E-13	5.3E-12	1.6E-14	1.8E-12	5.4E-20	4.6E-18
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	6.4E-15	1.3E-15	5.1E-14	1.8E-13	7.5E-12	2.3E-14	2.5E-12	6.3E-20	5.5E-18

Table H-264 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.9E-14	3.9E-15	1.5E-13	4.2E-13	1.7E-11	5.2E-14	5.6E-12	1.9E-19	1.6E-17
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.5E-14	3.1E-15	1.2E-13	4.1E-13	1.7E-11	5.2E-14	5.6E-12	1.5E-19	1.3E-17
2,3,7,8-TCDD	2.7E-18	5.5E-17	8.0E-16	2.2E-16	6.3E-15	5.2E-14	1.7E-12	6.5E-15	5.8E-13	7.4E-18	4.7E-16
2,3,7,8-TCDF	8.2E-18	1.0E-16	2.0E-15	4.0E-16	1.6E-14	1.9E-13	7.8E-12	2.4E-14	2.6E-12	2.0E-20	1.7E-18
OCDD	2.5E-20	1.5E-15	2.7E-14	5.8E-15	2.1E-13	5.6E-13	2.2E-11	7.0E-14	7.4E-12	2.8E-19	2.3E-17
OCDF	9.3E-21	5.7E-16	1.0E-14	2.2E-15	8.0E-14	2.1E-13	8.2E-12	2.6E-14	2.7E-12	1.1E-19	8.6E-18
HCN											
Hydrogen cyanide						1.6E-07	6.2E-06	2.0E-08	2.1E-06		
Metals											
Aluminum				1.2E-02						5.7E-07	
Antimony	1.6E-17			7.7E-07		1.0E-08	2.6E-07	1.3E-09	8.6E-08	3.8E-11	
Arsenic	8.1E-16	2.7E-06	4.8E-17	6.4E-06	2.3E-16	5.9E-10	2.1E-08	7.4E-11	7.0E-09	5.2E-10	4.1E-20
Barium	2.7E-12			4.4E-09	1.5E-07	1.3E-07	3.4E-06	1.6E-08	1.1E-06	2.1E-13	1.6E-11
Beryllium	3.3E-17			1.0E-15	3.9E-14	4.3E-11	1.5E-09	5.4E-12	4.8E-10	5.1E-20	4.3E-18
Cadmium	8.3E-15			8.2E-16	3.1E-14	7.6E-10	2.6E-08	9.5E-11	8.8E-09	4.0E-20	3.4E-18
Chromium	2.8E-15			9.6E-11	3.7E-09	6.5E-09	2.3E-07	8.1E-10	7.7E-08	4.7E-15	4.0E-13
Cobalt				3.3E-05	1.4E-08	9.8E-09	1.8E-07	1.2E-09	6.0E-08	1.6E-09	1.5E-12
Copper				4.5E-10	1.7E-08	1.8E-08	6.1E-07	2.2E-09	2.0E-07	2.2E-14	1.8E-12
Iron				2.7E-02						1.3E-06	
Lead	6.9E-18			1.1E-04	3.8E-12	6.0E-09	2.0E-07	7.5E-10	6.5E-08	5.5E-09	4.1E-16
Manganese				8.0E-13	3.1E-11	5.5E-09	1.9E-07	6.8E-10	6.3E-08	3.9E-17	3.3E-15
Mercury (+2)				6.4E-14	2.0E-12	2.4E-11	8.3E-10	2.9E-12	2.8E-10	3.1E-18	2.1E-16
Mercury, elemental				2.7E-08		9.8E-14	3.5E-12	1.2E-14	1.2E-12	5.2E-08	
Methyl Mercury	1.3E-14			3.8E-15	1.5E-13					1.9E-19	1.6E-17

Table H-264 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	1.6E-13	3.5E-09	1.2E-07	4.3E-10	4.0E-08	2.7E-08	1.7E-17
Phosphorus				7.5E-15	2.8E-13	2.6E-08	8.6E-07	3.3E-09	2.9E-07	7.2E-14	5.9E-12
Selenium	2.8E-16			4.0E-17	1.6E-15	1.7E-10	6.1E-09	2.2E-11	2.0E-09	2.0E-21	1.7E-19
Silver	2.1E-16			8.5E-13	3.2E-11	1.1E-10	3.7E-09	1.4E-11	1.2E-09	4.2E-17	3.4E-15
Thallium (Soluble Salts)				8.1E-08						4.0E-12	
Titanium				8.0E-15	3.2E-13	6.1E-11	2.3E-09	7.6E-12	7.6E-10	3.9E-19	3.5E-17
Zinc	4.1E-12			1.8E-13	6.5E-12	1.4E-07	3.9E-06	1.7E-08	1.3E-06	9.0E-18	7.0E-16
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	5.2E-05	2.0E-07	1.7E-05		
PAHs											
1-Methylnaphthalene		2.4E-16	4.9E-15	2.2E-16	8.9E-15	3.3E-08	1.4E-06	4.1E-09	4.6E-07	2.5E-16	2.2E-14
1-Methylphenanthrene				1.5E-13	6.0E-12	3.9E-09	1.7E-07	4.9E-10	5.5E-08	7.1E-18	6.5E-16
2,3,5-Trimethylnaphthalene				6.8E-14	3.0E-12	1.9E-09	8.4E-08	2.4E-10	2.8E-08	3.3E-18	3.2E-16
2,6-Dimethylnaphthalene				1.9E-13	7.9E-12	5.1E-09	2.2E-07	6.4E-10	7.3E-08	9.1E-18	8.5E-16
2-Methylnaphthalene		2.3E-16	4.7E-15	2.1E-16	8.6E-15	3.2E-08	1.3E-06	4.0E-09	4.4E-07	2.4E-16	2.2E-14
Acenaphthylene				6.0E-13	2.5E-11	1.9E-08	8.0E-07	2.4E-09	2.7E-07	2.9E-17	2.7E-15
Acenaphthene	3.4E-15					3.5E-09	1.4E-07	4.3E-10	4.8E-08		
Anthracene	4.3E-14					6.1E-09	2.6E-07	7.6E-10	8.6E-08		
Benzo(a)anthracene	6.2E-12	1.6E-07	4.4E-11	1.5E-07	8.0E-11	3.0E-09	1.3E-07	3.7E-10	4.3E-08	2.3E-09	2.7E-12
Benzo(a)pyrene	3.1E-12	1.7E-07	1.8E-11	1.5E-07	3.3E-11	1.2E-09	4.9E-08	1.5E-10	1.6E-08	7.6E-12	3.6E-15
Benzo(b)fluoranthene	8.3E-13	3.0E-07	1.0E-12	2.7E-07	1.8E-12	1.3E-09	5.3E-08	1.6E-10	1.8E-08	1.3E-11	2.0E-16
Benzo(e)pyrene				3.4E-14	1.3E-12	1.0E-09	4.1E-08	1.3E-10	1.4E-08	1.7E-18	1.4E-16
Benzo(g,h,i)perylene				2.5E-14	1.0E-12	7.7E-10	3.2E-08	9.6E-11	1.1E-08	1.2E-18	1.1E-16
Benzo(k)fluoranthene	7.9E-15	1.2E-07	7.3E-13	1.1E-07	1.3E-12	1.2E-11	2.1E-10	1.5E-12	6.9E-11	5.5E-12	1.4E-16

Table H-264 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	1.4E-13	1.1E-07	4.7E-06	1.4E-08	1.6E-06	2.0E-15	1.8E-13
Chrysene	1.1E-12	2.4E-07	5.6E-11	2.1E-07	1.0E-10	5.1E-09	2.1E-07	6.4E-10	7.1E-08	1.0E-11	1.1E-14
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	6.8E-12	3.1E-13	1.2E-11	1.9E-10	7.6E-09	2.3E-11	2.5E-09	1.5E-17	1.3E-15
Fluoranthene	2.8E-13	6.8E-14	1.4E-12	6.1E-14	2.5E-12	7.5E-09	3.1E-07	9.4E-10	1.0E-07	3.0E-18	2.7E-16
Fluorene	6.1E-14					1.9E-08	7.9E-07	2.3E-09	2.6E-07		
Indeno(1,2,3-cd)pyrene	4.0E-13	9.4E-08	1.8E-11	8.6E-08	3.3E-11	6.2E-10	2.5E-08	7.7E-11	8.5E-09	4.2E-12	3.6E-15
Napthalene	2.8E-14					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Perylene				1.3E-14	6.2E-13	4.6E-10	2.0E-08	5.8E-11	6.8E-09	6.5E-19	6.6E-17
Phenanthrene	2.9E-13					3.5E-08	1.5E-06	4.4E-09	4.8E-07		
Pyrene	2.0E-13	2.8E-13	5.7E-12	2.5E-13	1.0E-11	7.3E-09	3.0E-07	9.1E-10	1.0E-07	7.1E-15	6.4E-13
Particulate											
Particulate Total Suspended Particulate				3.0E-09	1.2E-07	2.3E-05	9.0E-04	2.9E-06	3.0E-04	1.5E-13	1.3E-11
PM<10				3.8E-09	1.6E-07	3.1E-05	1.2E-03	3.9E-06	4.0E-04	1.9E-13	1.7E-11
PM<2.5				3.2E-09	1.3E-07	2.6E-05	1.0E-03	3.3E-06	3.5E-04	1.6E-13	1.4E-11
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	2.0E-14	8.3E-16	3.3E-14	9.3E-11	3.8E-09	1.2E-11	1.3E-09	7.8E-17	6.8E-15
Heptachlorobiphenyl	2.3E-16	1.2E-16	2.2E-15	9.8E-17	3.8E-15	1.3E-12	5.1E-11	1.6E-13	1.7E-11	5.0E-18	4.2E-16
Hexachlorobiphenyl	9.4E-16	5.2E-16	9.4E-15	4.4E-16	1.6E-14	5.3E-12	2.1E-10	6.7E-13	6.9E-11	2.3E-17	1.8E-15
Monochlorobiphenyl	4.3E-14	6.9E-15	1.4E-13	5.8E-15	2.3E-13	6.5E-10	2.7E-08	8.1E-11	8.9E-09	5.4E-16	4.7E-14
Nonachlorobiphenyl	2.9E-17	2.0E-17	3.2E-16	1.7E-17	5.4E-16	1.8E-13	6.4E-12	2.2E-14	2.1E-12	8.8E-19	6.0E-17
Octachlorobiphenyl	6.9E-17	3.8E-17	6.9E-16	3.2E-17	1.2E-15	3.9E-13	1.5E-11	4.9E-14	5.1E-12	1.6E-18	1.3E-16
Pentachlorobiphenyl	3.1E-15	1.9E-15	3.2E-14	1.6E-15	5.5E-14	1.8E-11	6.9E-10	2.3E-12	2.3E-10	8.1E-17	6.1E-15
Tetrachlorobiphenyl	1.8E-15	3.8E-16	6.4E-15	3.2E-16	1.1E-14	3.0E-11	1.1E-09	3.8E-12	3.8E-10	3.0E-17	2.2E-15
Trichlorobiphenyl	2.4E-15	4.5E-16	8.1E-15	3.8E-16	1.4E-14	3.8E-11	1.5E-09	4.8E-12	4.9E-10	3.6E-17	2.8E-15

Table H-264 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				6.8E-06						2.2E-07	
Dieldrin		2.7E-08		3.2E-08						1.6E-12	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	8.7E-09	3.4E-11	2.9E-09		
1,2-dichlorobenzene	2.8E-18					1.1E-10	1.9E-09	1.4E-11	6.5E-10		
1,3-dichlorobenzene	6.9E-18					1.6E-10	5.5E-09	2.0E-11	1.8E-09		
1,4-dichlorobenzene	9.2E-17					1.5E-09	6.8E-08	1.9E-10	2.3E-08		
2,4-Dimethylphenol	2.5E-15					2.4E-08	9.5E-07	3.0E-09	3.2E-07		
2-Chlorophenol	1.3E-16					4.7E-09	2.1E-07	5.9E-10	6.9E-08		
2-Methylphenol	5.3E-14					5.6E-08	2.3E-06	7.0E-09	7.8E-07		
2-Nitrophenol	3.2E-16					7.6E-09	3.1E-07	9.4E-10	1.0E-07		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.5E-10	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.8E-16	1.7E-14
4-Nitrophenol	6.5E-16					1.3E-08	4.8E-07	1.6E-09	1.6E-07		
Acetophenone	3.9E-15					1.2E-07	4.9E-06	1.5E-08	1.6E-06		
Benzoic acid	1.6E-14					5.4E-07	2.2E-05	6.7E-08	7.5E-06		
Benzyl alcohol	9.8E-18					4.5E-09	1.4E-07	5.6E-10	4.5E-08		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	1.2E-10	8.0E-12	2.9E-10	1.9E-07	7.4E-06	2.4E-08	2.5E-06	3.9E-16	3.1E-14
Butyl benzyl phthalate	1.8E-13	3.3E-15	6.6E-14	3.8E-15	1.6E-13	6.0E-09	2.5E-07	7.5E-10	8.3E-08	1.9E-19	1.7E-17
Carbazole				1.4E-14	2.6E-13	1.7E-10	3.0E-09	2.1E-11	1.0E-09	6.9E-19	2.8E-17
Dibenzofuran		1.4E-16	2.9E-15	5.7E-16	2.3E-14	9.5E-09	3.9E-07	1.2E-09	1.3E-07	2.4E-16	2.1E-14
Dimethyl phthalate	6.5E-17					3.3E-10	5.9E-09	4.2E-11	2.0E-09		
Di-n-butyl phthalate	1.7E-12	3.3E-15	6.7E-14	3.9E-15	1.6E-13	9.2E-09	3.8E-07	1.1E-09	1.3E-07	1.9E-19	1.7E-17
Di-n-octyl phthalate	1.3E-17	9.4E-15	8.7E-14	1.1E-14	2.1E-13	6.4E-10	1.1E-08	8.0E-11	3.8E-09	5.5E-19	2.2E-17

Table H-264 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	7.9E-07	5.5E-09	2.6E-07		
Isopropanol						5.9E-03					
Phenol	1.5E-13					3.0E-07	1.2E-05	3.8E-08	4.2E-06		
Pyridine	7.7E-15					2.9E-08	1.2E-06	3.6E-09	4.0E-07		
TRS											
Total Reduced Sulfur						2.9E-07	1.3E-05	3.6E-08	4.2E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	4.6E-09	1.7E-11	1.5E-09		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	5.0E-09	1.7E-11	1.7E-09		
1,1-Dichloroethene	6.0E-21					2.6E-11	4.6E-10	3.2E-12	1.5E-10		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	2.0E-08	6.7E-11	6.6E-09		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	1.9E-09	1.4E-11	6.4E-10		
1,2,4-Trimethylbenzene						6.2E-09	2.0E-07	7.8E-10	6.6E-08		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.2E-09	8.6E-12	4.1E-10		
1,2-Dichloroethane	1.2E-17					2.3E-05	1.0E-07	1.0E-06	3.5E-08		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.7E-07	7.3E-10	5.8E-08		
1,3-Dichloropropane						6.7E-11	1.2E-09	8.4E-12	4.0E-10		
2-Butanone	2.4E-15					3.3E-08	1.3E-06	4.1E-09	4.4E-07		
2-Chlorotoluene						1.5E-09	6.1E-08	1.8E-10	2.0E-08		
2-Hexanone						6.8E-09	2.5E-07	8.4E-10	8.2E-08		
Benzene	2.0E-15					8.2E-04	3.4E-05	9.7E-06	1.1E-05		
Bromobenzene						3.7E-08	6.6E-07	4.7E-09	2.2E-07		
Bromochloromethane						8.8E-11	1.6E-09	1.1E-11	5.2E-10		
Bromodichloromethane	3.1E-19					9.5E-11	1.7E-09	1.2E-11	5.7E-10		

Table H-264 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	1.1E-07	4.8E-10	3.8E-08		
Carbon disulfide	1.3E-18					3.3E-09	9.8E-08	4.2E-10	3.3E-08		
Carbon tetrachloride	1.3E-19					1.6E-04	3.9E-09	1.5E-05	1.3E-09		
Chlorobenzene	4.7E-17					4.8E-09	1.7E-07	6.0E-10	5.7E-08		
Chlorodibromomethane	1.8E-17					2.4E-09	4.2E-08	3.0E-10	1.4E-08		
Chloroethane	3.7E-18					9.1E-09	3.2E-07	1.1E-09	1.1E-07		
Chloroform	2.8E-18					3.7E-05	3.8E-08	2.4E-06	1.3E-08		
Chloromethane	9.8E-18					3.1E-08	9.4E-07	3.9E-09	3.1E-07		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	7.1E-08	5.0E-10	2.4E-08		
cis-1,3-Dichloropropene						2.4E-11	4.3E-10	3.0E-12	1.4E-10		
Dibromomethane	4.2E-19					2.0E-10	3.6E-09	2.5E-11	1.2E-09		
Dichlorodifluoromethane	4.7E-21					2.5E-10	4.4E-09	3.1E-11	1.5E-09		
Ethylbenzene	1.5E-15					2.1E-04	7.4E-06	2.4E-08	2.5E-06		
Isopropylbenzene	2.0E-18					1.6E-08	5.4E-07	2.0E-09	1.8E-07		
m&p-Xylene	2.4E-16					3.6E-08	1.2E-06	4.6E-09	4.1E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	6.4E-09	4.5E-11	2.1E-09		
Methylene chloride	2.6E-17					1.8E-08	6.6E-07	2.3E-09	2.2E-07		
n-Butylbenzene						7.8E-09	2.3E-07	9.7E-10	7.7E-08		
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07		
o-Xylene	2.8E-16					2.3E-08	7.6E-07	2.9E-09	2.5E-07		
p-Chlorotoluene						5.5E-10	1.7E-08	6.9E-11	5.6E-09		
p-Isopropyltoluene						3.8E-09	9.2E-08	4.8E-10	3.1E-08		
sec-Butylbenzene						1.4E-09	4.3E-08	1.8E-10	1.4E-08		
Styrene	9.4E-15					5.1E-07	1.9E-05	6.4E-08	6.2E-06		

Table H-264 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Derma Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)
tert-Butylbenzene						4.6E-08	8.1E-07	5.7E-09	2.7E-07			
Tetrachloroethene	6.6E-19					1.2E-10	4.2E-09	1.5E-11	1.4E-09			
Toluene	1.6E-15					3.2E-07	1.2E-05	3.9E-08	4.1E-06			
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	1.5E-06	1.1E-08	5.0E-07			
trans-1,3-Dichloropropene						4.2E-11	7.5E-10	5.3E-12	2.5E-10			
Trichloroethene	6.8E-21					5.0E-06	1.3E-10	9.1E-13	4.3E-11			
Trichlorofluoromethane	1.0E-20					8.7E-11	1.6E-09	1.1E-11	5.2E-10			
Vinyl chloride	4.8E-19					5.0E-09	1.2E-07	6.2E-10	4.0E-08			

Table H-265 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			3.0E-04	3.7E-05	
Aldehydes					
Acetaldehyde			5.2E-04	6.5E-05	
Formaldehyde			1.1E+00	2.7E-05	
Propionaldehyde		8.0E-16	5.7E-05	7.1E-06	6.0E-12
CO					
Carbon monoxide			1.6E-02	2.0E-03	
CO2					
Carbon dioxide			5.0E-04	6.3E-05	
Criteria					
Sulfur Dioxide			1.4E-04	1.7E-05	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	4.4E-16	1.7E-15	3.0E-10	3.8E-11	8.6E-17
1,2,3,4,6,7,8-HpCDF	4.5E-16	1.8E-15	3.1E-10	3.8E-11	8.7E-17
1,2,3,4,7,8,9-HpCDF	5.2E-17	2.0E-16	3.9E-11	4.8E-12	9.9E-18
1,2,3,4,7,8-HxCDD	5.0E-17	2.0E-16	3.6E-11	4.5E-12	9.7E-18
1,2,3,4,7,8-HxCDF	4.0E-16	1.6E-15	3.0E-10	3.7E-11	7.7E-17
1,2,3,6,7,8-HxCDD	1.0E-16	4.0E-16	7.6E-11	9.6E-12	2.0E-17
1,2,3,6,7,8-HxCDF	1.3E-16	5.2E-16	9.6E-11	1.2E-11	2.5E-17
1,2,3,7,8,9-HxCDD	1.6E-16	6.4E-16	1.2E-10	1.4E-11	3.1E-17
1,2,3,7,8,9-HxCDF	9.4E-18	3.7E-17	7.4E-12	9.2E-13	1.8E-18

Table H-265 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	5.7E-17	2.2E-16	4.6E-11	5.8E-12	1.1E-17
1,2,3,7,8-PeCDF	6.7E-17	2.6E-16	6.6E-11	8.2E-12	1.3E-17
2,3,4,6,7,8-HxCDF	2.0E-16	8.1E-16	1.5E-10	1.9E-11	4.0E-17
2,3,4,7,8-PeCDF	1.6E-16	6.3E-16	1.5E-10	1.8E-11	3.1E-17
2,3,7,8-TCDD	1.2E-17	4.5E-17	1.9E-11	2.3E-12	1.5E-15
2,3,7,8-TCDF	2.1E-17	8.3E-17	6.8E-11	8.5E-12	4.1E-18
OCDD	3.0E-16	1.2E-15	2.0E-10	2.5E-11	5.8E-17
OCDF	1.2E-16	4.6E-16	7.5E-11	9.4E-12	2.2E-17
HCN					
Hydrogen cyanide			5.7E-05	7.1E-06	
Metals					
Aluminum		3.6E-03			1.8E-04
Antimony		1.3E-07	3.7E-06	4.7E-07	6.6E-09
Arsenic	1.3E-07	3.0E-07	2.1E-07	2.7E-08	2.5E-08
Barium		9.7E-10	4.5E-05	5.6E-06	4.8E-11
Beryllium		3.7E-16	1.5E-08	1.9E-09	1.8E-17
Cadmium		2.9E-16	2.7E-07	3.4E-08	1.4E-17
Chromium		2.5E-11	2.3E-06	2.9E-07	1.2E-12
Cobalt		9.4E-06	3.5E-06	4.4E-07	4.6E-07
Copper		1.0E-10	6.3E-06	7.9E-07	5.1E-12
Iron		8.1E-03			4.0E-04
Lead		3.8E-05	2.1E-06	2.7E-07	1.9E-06

Table H-265 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		2.8E-13	1.9E-06	2.4E-07	1.4E-14
Mercury (+2)		1.1E-14	8.4E-09	1.1E-09	5.6E-16
Mercury, elemental		6.1E-07	3.5E-11	4.4E-12	1.2E-03
Methyl Mercury		6.8E-16			3.3E-17
Nickel		2.0E-04	1.2E-06	1.5E-07	9.7E-06
Phosphorus		2.7E-15	9.4E-06	1.2E-06	2.6E-11
Selenium		1.4E-17	6.2E-08	7.8E-09	7.1E-19
Silver		2.6E-13	4.1E-08	5.1E-09	1.3E-14
Titanium		2.9E-15	2.2E-08	2.7E-09	1.4E-16
Zinc		6.6E-14	4.9E-05	6.1E-06	3.2E-15
NOx					
NOx (Oxides of Nitrogen)			5.6E-04	7.0E-05	
PAHs					
1-Methylnaphthalene	8.5E-17	7.7E-17	1.2E-05	1.5E-06	8.8E-14
1-Methylphenanthrene		5.2E-14	1.4E-06	1.8E-07	2.5E-15
2,3,5-Trimethylnaphthalene		2.4E-14	7.0E-07	8.7E-08	1.2E-15
2,6-Dimethylnaphthalene		6.6E-14	1.8E-06	2.3E-07	3.3E-15
2-Methylnaphthalene	8.2E-17	7.5E-17	1.1E-05	1.4E-06	8.6E-14
Acenaphthylene		2.1E-13	6.7E-06	8.4E-07	1.0E-14
Acenaphthene			1.2E-06	1.5E-07	
Anthracene			2.2E-06	2.7E-07	
Benzo(a)anthracene	7.9E-09	7.2E-09	1.1E-06	1.3E-07	1.1E-07

Table H-265 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)pyrene	9.3E-09	8.4E-09	4.2E-07	5.3E-08	4.1E-10
Benzo(b)fluoranthene	1.7E-08	1.5E-08	4.7E-07	5.9E-08	7.4E-10
Benzo(e)pyrene		1.2E-14	3.6E-07	4.5E-08	6.0E-16
Benzo(g,h,i)perylene		9.0E-15	2.7E-07	3.4E-08	4.4E-16
Benzo(k)fluoranthene	1.3E-08	1.1E-08	4.2E-09	5.2E-10	5.6E-10
Biphenyl		1.2E-15	4.0E-05	5.0E-06	7.0E-13
Chrysene	9.8E-09	8.9E-09	1.8E-06	2.3E-07	4.3E-10
Dibenze(a,h)anthracene	1.1E-13	9.7E-14	6.6E-08	8.3E-09	4.8E-15
Fluoranthene	2.3E-14	2.1E-14	2.7E-06	3.3E-07	1.0E-15
Fluorene			6.7E-06	8.4E-07	
Indeno(1,2,3-cd)pyrene	4.0E-09	3.7E-09	2.2E-07	2.7E-08	1.8E-10
Napthalene			5.3E-05	6.6E-06	
Perylene		4.7E-15	1.6E-07	2.1E-08	2.3E-16
Phenanthrene			1.3E-05	1.6E-06	
Pyrene	7.7E-14	7.0E-14	2.6E-06	3.3E-07	1.9E-12
Particulate					
Particulate Total Suspended Particulate		1.1E-09	8.4E-03	1.0E-03	5.2E-11
PM<10		1.4E-09	1.1E-02	1.4E-03	6.7E-11
PM<2.5		1.1E-09	9.4E-03	1.2E-03	5.6E-11
PCBs					
Dichlorobiphenyl	2.1E-16	1.7E-16	3.3E-08	4.1E-09	1.6E-14
Heptachlorobiphenyl	2.4E-17	2.0E-17	4.5E-10	5.7E-11	1.0E-15

Table H-265 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Hexachlorobiphenyl	1.1E-16	9.1E-17	1.9E-09	2.4E-10	4.6E-15
Monochlorobiphenyl	1.4E-15	1.2E-15	2.3E-07	2.9E-08	1.1E-13
Nonachlorobiphenyl	4.2E-18	3.6E-18	6.4E-11	8.0E-12	1.8E-16
Octachlorobiphenyl	7.7E-18	6.5E-18	1.4E-10	1.7E-11	3.3E-16
Pentachlorobiphenyl	3.9E-16	3.3E-16	6.5E-09	8.1E-10	1.7E-14
Tetrachlorobiphenyl	7.9E-17	6.6E-17	1.1E-08	1.3E-09	6.2E-15
Trichlorobiphenyl	9.5E-17	8.0E-17	1.4E-08	1.7E-09	7.4E-15
Pesticides					
Chlordecone (Kepone)	4.5E-07	5.4E-07			2.6E-08
DDE		7.3E-08			2.3E-06
SVOCs					
1,2,4-trichlorobenzene			9.6E-08	1.2E-08	
1,2-dichlorobenzene			3.9E-08	4.9E-09	
1,3-Butadiene			7.7E-03		
1,3-dichlorobenzene			5.8E-08	7.2E-09	
1,4-dichlorobenzene			5.4E-07	6.8E-08	
2,4-Dimethylphenol			8.5E-06	1.1E-06	
2-Chlorophenol			1.7E-06	2.1E-07	
2-Methylphenol			2.0E-05	2.5E-06	
2-Nitrophenol			2.7E-06	3.4E-07	
3-Methylphenol & 4-Methylphenol		1.3E-12	3.6E-05	4.5E-06	6.5E-14
4-Nitrophenol			4.5E-06	5.6E-07	

Table H-265 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			4.2E-05	5.3E-06	
Benzoic acid			1.9E-04	2.4E-05	
Benzyl alcohol			1.6E-06	2.0E-07	
bis(2-Ethylhexyl) phthalate	2.4E-12	2.8E-12	6.8E-05	8.5E-06	1.4E-13
Butyl benzyl phthalate	1.2E-15	1.4E-15	2.1E-06	2.7E-07	6.7E-17
Carbazole		5.0E-15	6.0E-08	7.5E-09	2.5E-16
Dibenzofuran	5.1E-17	2.0E-16	3.4E-06	4.3E-07	8.6E-14
Dimethyl phthalate			1.2E-07	1.5E-08	
Di-n-butyl phthalate	1.2E-15	1.4E-15	3.3E-06	4.1E-07	6.7E-17
Di-n-octyl phthalate	3.4E-15	4.0E-15	2.3E-07	2.9E-08	1.9E-16
Hexachlorobutadiene			1.6E-05	2.0E-06	
Isopropanol			1.2E-01		
Phenol			1.1E-04	1.3E-05	
Pyridine			1.0E-05	1.3E-06	
TRS					
Total Reduced Sulfur			1.0E-04	1.3E-05	
VOCs					
1,1,1,2-Tetrachloroethane			4.8E-08	6.0E-09	
1,1,1-Trichloroethane			4.7E-08	5.9E-09	
1,1-Dichloroethene			9.3E-09	1.2E-09	
1,2,3-Trichlorobenzene			1.9E-07	2.4E-08	
1,2,3-Trichloropropane			3.9E-08	4.8E-09	

Table H-265 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			2.2E-06	2.8E-07	
1,2-Dibromoethane			2.5E-08	3.1E-09	
1,2-Dichloroethane			9.9E-07	3.6E-04	
1,3,5-Trimethylbenzene			2.1E-06	2.6E-07	
1,3-Dichloropropane			2.4E-08	3.0E-09	
2-Butanone			1.2E-05	1.5E-06	
2-Chlorotoluene			5.3E-07	6.6E-08	
2-Hexanone			2.4E-06	3.0E-07	
Benzene			3.0E-02	3.5E-03	
Bromobenzene			1.3E-05	1.7E-06	
Bromochloromethane			3.1E-08	3.9E-09	
Bromodichloromethane			3.4E-08	4.3E-09	
Bromomethane			1.4E-06	1.7E-07	
Carbon disulfide			1.2E-06	1.5E-07	
Carbon tetrachloride			5.3E-02	5.5E-03	
Chlorobenzene			1.7E-06	2.1E-07	
Chlorodibromomethane			8.5E-07	1.1E-07	
Chloroethane			3.3E-06	4.1E-07	
Chloroform			7.7E-03	8.6E-04	
Chloromethane			1.1E-05	1.4E-06	
cis-1,2-Dichloroethene			1.4E-06	1.8E-07	
cis-1,3-Dichloropropene			8.7E-09	1.1E-09	

Table H-265 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			7.3E-08	9.1E-09	
Dichlorodifluoromethane			8.9E-08	1.1E-08	
Ethylbenzene			9.8E-03	8.7E-06	
Isopropylbenzene			5.6E-06	7.0E-07	
m&p-Xylene			1.3E-05	1.6E-06	
Methyl Isobutyl Ketone (4-methyl-2-penta			1.3E-07	1.6E-08	
Methylene chloride			6.4E-06	8.1E-07	
n-Butylbenzene			2.8E-06	3.5E-07	
n-Propylbenzene			3.3E-06	4.2E-07	
o-Xylene			8.2E-06	1.0E-06	
p-Chlorotoluene			2.0E-07	2.5E-08	
p-Isopropyltoluene			1.4E-06	1.7E-07	
sec-Butylbenzene			5.1E-07	6.4E-08	
Styrene			1.8E-04	2.3E-05	
tert-Butylbenzene			1.6E-05	2.0E-06	
Tetrachloroethene			4.3E-08	5.4E-09	
Toluene			1.1E-04	1.4E-05	
trans-1,2-Dichloroethene			3.0E-05	3.8E-06	
trans-1,3-Dichloropropene			1.5E-08	1.9E-09	
Trichloroethene			2.6E-09	3.2E-10	
Trichlorofluoromethane			3.1E-08	3.9E-09	
Vinyl chloride			1.8E-06	2.2E-07	

Table H-266 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			8.4E-07	1.0E-07	
Aldehydes					
Acetaldehyde			1.4E-06	1.8E-07	
Formaldehyde			3.2E-03	7.7E-08	
Propionaldehyde		2.2E-15	1.6E-07	2.0E-08	1.7E-14
CO					
Carbon monoxide			4.5E-05	5.6E-06	
CO2					
Carbon dioxide			1.4E-06	1.8E-07	
Criteria					
Sulfur Dioxide			3.8E-07	4.7E-08	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	2.2E-15	8.5E-15	8.5E-13	1.1E-13	4.2E-19
1,2,3,4,6,7,8-HpCDF	2.2E-15	8.6E-15	8.6E-13	1.1E-13	4.2E-19
1,2,3,4,7,8,9-HpCDF	2.5E-16	9.9E-16	1.1E-13	1.4E-14	4.8E-20
1,2,3,4,7,8-HxCDD	2.5E-16	9.7E-16	1.0E-13	1.3E-14	4.7E-20
1,2,3,4,7,8-HxCDF	2.0E-15	7.7E-15	8.3E-13	1.0E-13	3.8E-19
1,2,3,6,7,8-HxCDD	5.0E-16	2.0E-15	2.1E-13	2.7E-14	9.7E-20
1,2,3,6,7,8-HxCDF	6.4E-16	2.5E-15	2.7E-13	3.4E-14	1.2E-19
1,2,3,7,8,9-HxCDD	7.9E-16	3.1E-15	3.2E-13	4.1E-14	1.5E-19
1,2,3,7,8,9-HxCDF	4.6E-17	1.8E-16	2.1E-14	2.6E-15	8.8E-21

Table H-266 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	2.8E-16	1.1E-15	1.3E-13	1.6E-14	5.4E-20
1,2,3,7,8-PeCDF	3.3E-16	1.3E-15	1.8E-13	2.3E-14	6.3E-20
2,3,4,6,7,8-HxCDF	1.0E-15	3.9E-15	4.2E-13	5.2E-14	1.9E-19
2,3,4,7,8-PeCDF	7.8E-16	3.1E-15	4.1E-13	5.2E-14	1.5E-19
2,3,7,8-TCDD	5.5E-17	2.2E-16	5.2E-14	6.5E-15	7.4E-18
2,3,7,8-TCDF	1.0E-16	4.0E-16	1.9E-13	2.4E-14	2.0E-20
OCDD	1.5E-15	5.8E-15	5.6E-13	7.0E-14	2.8E-19
OCDF	5.7E-16	2.2E-15	2.1E-13	2.6E-14	1.1E-19
HCN					
Hydrogen cyanide			1.6E-07	2.0E-08	
Metals					
Aluminum		1.0E-02			5.0E-07
Antimony		3.8E-07	1.0E-08	1.3E-09	1.8E-11
Arsenic	3.6E-07	8.5E-07	5.9E-10	7.4E-11	6.9E-11
Barium		4.4E-09	1.3E-07	1.6E-08	2.1E-13
Beryllium		1.0E-15	4.3E-11	5.4E-12	5.1E-20
Cadmium		8.2E-16	7.6E-10	9.5E-11	4.0E-20
Chromium		9.6E-11	6.5E-09	8.1E-10	4.7E-15
Cobalt		2.6E-05	9.8E-09	1.2E-09	1.3E-09
Copper		4.5E-10	1.8E-08	2.2E-09	2.2E-14
Iron		2.3E-02			1.1E-06
Lead		1.1E-04	6.0E-09	7.5E-10	5.2E-09

Table H-266 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		8.0E-13	5.5E-09	6.8E-10	3.9E-17
Mercury (+2)		6.4E-14	2.4E-11	2.9E-12	3.1E-18
Mercury, elemental		1.7E-06	9.8E-14	1.2E-14	3.3E-06
Methyl Mercury		3.8E-15			1.9E-19
Nickel		5.6E-04	3.5E-09	4.3E-10	2.7E-08
Phosphorus		7.5E-15	2.6E-08	3.3E-09	7.2E-14
Selenium		4.0E-17	1.7E-10	2.2E-11	2.0E-21
Silver		8.5E-13	1.1E-10	1.4E-11	4.2E-17
Titanium		8.0E-15	6.1E-11	7.6E-12	3.9E-19
Zinc		1.8E-13	1.4E-07	1.7E-08	9.0E-18
NOx					
NOx (Oxides of Nitrogen)			1.6E-06	2.0E-07	
PAHs					
1-Methylnaphthalene	2.4E-16	2.2E-16	3.3E-08	4.1E-09	2.5E-16
1-Methylphenanthrene		1.5E-13	3.9E-09	4.9E-10	7.1E-18
2,3,5-Trimethylnaphthalene		6.8E-14	1.9E-09	2.4E-10	3.3E-18
2,6-Dimethylnaphthalene		1.9E-13	5.1E-09	6.4E-10	9.1E-18
2-Methylnaphthalene	2.3E-16	2.1E-16	3.2E-08	4.0E-09	2.4E-16
Acenaphthylene		6.0E-13	1.9E-08	2.4E-09	2.9E-17
Acenaphthene			3.5E-09	4.3E-10	
Anthracene			6.1E-09	7.6E-10	
Benzo(a)anthracene	2.2E-08	2.0E-08	3.0E-09	3.7E-10	3.0E-10

Table H-266 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)pyrene	2.6E-08	2.4E-08	1.2E-09	1.5E-10	1.2E-12
Benzo(b)fluoranthene	4.7E-08	4.2E-08	1.3E-09	1.6E-10	2.1E-12
Benzo(e)pyrene		3.4E-14	1.0E-09	1.3E-10	1.7E-18
Benzo(g,h,i)perylene		2.5E-14	7.7E-10	9.6E-11	1.2E-18
Benzo(k)fluoranthene	3.5E-08	3.2E-08	1.2E-11	1.5E-12	1.6E-12
Biphenyl		3.3E-15	1.1E-07	1.4E-08	2.0E-15
Chrysene	2.7E-08	2.5E-08	5.1E-09	6.4E-10	1.2E-12
Dibenze(a,h)anthracene	3.4E-13	3.1E-13	1.9E-10	2.3E-11	1.5E-17
Fluoranthene	6.8E-14	6.1E-14	7.5E-09	9.4E-10	3.0E-18
Fluorene			1.9E-08	2.3E-09	
Indeno(1,2,3-cd)pyrene	1.1E-08	1.0E-08	6.2E-10	7.7E-11	5.0E-13
Napthalene			1.5E-07	1.9E-08	
Perylene		1.3E-14	4.6E-10	5.8E-11	6.5E-19
Phenanthrene			3.5E-08	4.4E-09	
Pyrene	2.8E-13	2.5E-13	7.3E-09	9.1E-10	7.1E-15
Particulate					
Particulate Total Suspended Particulate		3.0E-09	2.3E-05	2.9E-06	1.5E-13
PM<10		3.8E-09	3.1E-05	3.9E-06	1.9E-13
PM<2.5		3.2E-09	2.6E-05	3.3E-06	1.6E-13
PCBs					
Dichlorobiphenyl	9.9E-16	8.3E-16	9.3E-11	1.2E-11	7.8E-17
Heptachlorobiphenyl	1.2E-16	9.8E-17	1.3E-12	1.6E-13	5.0E-18

Table H-266 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Hexachlorobiphenyl	5.2E-16	4.4E-16	5.3E-12	6.7E-13	2.3E-17
Monochlorobiphenyl	6.9E-15	5.8E-15	6.5E-10	8.1E-11	5.4E-16
Nonachlorobiphenyl	2.0E-17	1.7E-17	1.8E-13	2.2E-14	8.8E-19
Octachlorobiphenyl	3.8E-17	3.2E-17	3.9E-13	4.9E-14	1.6E-18
Pentachlorobiphenyl	1.9E-15	1.6E-15	1.8E-11	2.3E-12	8.1E-17
Tetrachlorobiphenyl	3.8E-16	3.2E-16	3.0E-11	3.8E-12	3.0E-17
Trichlorobiphenyl	4.5E-16	3.8E-16	3.8E-11	4.8E-12	3.6E-17
Pesticides					
Chlordecone (Kepone)	1.3E-06	1.5E-06			7.3E-11
DDE		2.1E-07			6.5E-09
SVOCs					
1,2,4-trichlorobenzene			2.7E-10	3.4E-11	
1,2-dichlorobenzene			1.1E-10	1.4E-11	
1,3-Butadiene			2.2E-05		
1,3-dichlorobenzene			1.6E-10	2.0E-11	
1,4-dichlorobenzene			1.5E-09	1.9E-10	
2,4-Dimethylphenol			2.4E-08	3.0E-09	
2-Chlorophenol			4.7E-09	5.9E-10	
2-Methylphenol			5.6E-08	7.0E-09	
2-Nitrophenol			7.6E-09	9.4E-10	
3-Methylphenol & 4-Methylphenol		3.7E-12	1.0E-07	1.3E-08	1.8E-16
4-Nitrophenol			1.3E-08	1.6E-09	

Table H-266 (Average Daily Dose)

ACI Lifetime (yrs)	30
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Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			1.2E-07	1.5E-08	
Benzoic acid			5.4E-07	6.7E-08	
Benzyl alcohol			4.5E-09	5.6E-10	
bis(2-Ethylhexyl) phthalate	6.7E-12	8.0E-12	1.9E-07	2.4E-08	3.9E-16
Butyl benzyl phthalate	3.3E-15	3.8E-15	6.0E-09	7.5E-10	1.9E-19
Carbazole		1.4E-14	1.7E-10	2.1E-11	6.9E-19
Dibenzofuran	1.4E-16	5.7E-16	9.5E-09	1.2E-09	2.4E-16
Dimethyl phthalate			3.3E-10	4.2E-11	
Di-n-butyl phthalate	3.3E-15	3.9E-15	9.2E-09	1.1E-09	1.9E-19
Di-n-octyl phthalate	9.4E-15	1.1E-14	6.4E-10	8.0E-11	5.5E-19
Hexachlorobutadiene			4.4E-08	5.5E-09	
Isopropanol			3.4E-04		
Phenol			3.0E-07	3.8E-08	
Pyridine			2.9E-08	3.6E-09	
TRS					
Total Reduced Sulfur			2.9E-07	3.6E-08	
VOCs					
1,1,1,2-Tetrachloroethane			1.3E-10	1.7E-11	
1,1,1-Trichloroethane			1.3E-10	1.7E-11	
1,1-Dichloroethene			2.6E-11	3.2E-12	
1,2,3-Trichlorobenzene			5.3E-10	6.7E-11	
1,2,3-Trichloropropane			1.1E-10	1.4E-11	

Table H-266 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			6.2E-09	7.8E-10	
1,2-Dibromoethane			6.9E-11	8.6E-12	
1,2-Dichloroethane			2.8E-09	1.0E-06	
1,3,5-Trimethylbenzene			5.9E-09	7.3E-10	
1,3-Dichloropropane			6.7E-11	8.4E-12	
2-Butanone			3.3E-08	4.1E-09	
2-Chlorotoluene			1.5E-09	1.8E-10	
2-Hexanone			6.8E-09	8.4E-10	
Benzene			8.4E-05	9.7E-06	
Bromobenzene			3.7E-08	4.7E-09	
Bromochloromethane			8.8E-11	1.1E-11	
Bromodichloromethane			9.5E-11	1.2E-11	
Bromomethane			3.8E-09	4.8E-10	
Carbon disulfide			3.3E-09	4.2E-10	
Carbon tetrachloride			1.5E-04	1.5E-05	
Chlorobenzene			4.8E-09	6.0E-10	
Chlorodibromomethane			2.4E-09	3.0E-10	
Chloroethane			9.1E-09	1.1E-09	
Chloroform			2.2E-05	2.4E-06	
Chloromethane			3.1E-08	3.9E-09	
cis-1,2-Dichloroethene			4.0E-09	5.0E-10	
cis-1,3-Dichloropropene			2.4E-11	3.0E-12	

Table H-266 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			2.0E-10	2.5E-11	
Dichlorodifluoromethane			2.5E-10	3.1E-11	
Ethylbenzene			2.7E-05	2.4E-08	
Isopropylbenzene			1.6E-08	2.0E-09	
m&p-Xylene			3.6E-08	4.6E-09	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.6E-10	4.5E-11	
Methylene chloride			1.8E-08	2.3E-09	
n-Butylbenzene			7.8E-09	9.7E-10	
n-Propylbenzene			9.4E-09	1.2E-09	
o-Xylene			2.3E-08	2.9E-09	
p-Chlorotoluene			5.5E-10	6.9E-11	
p-Isopropyltoluene			3.8E-09	4.8E-10	
sec-Butylbenzene			1.4E-09	1.8E-10	
Styrene			5.1E-07	6.4E-08	
tert-Butylbenzene			4.6E-08	5.7E-09	
Tetrachloroethene			1.2E-10	1.5E-11	
Toluene			3.2E-07	3.9E-08	
trans-1,2-Dichloroethene			8.4E-08	1.1E-08	
trans-1,3-Dichloropropene			4.2E-11	5.3E-12	
Trichloroethene			7.3E-12	9.1E-13	
Trichlorofluoromethane			8.7E-11	1.1E-11	
Vinyl chloride			5.0E-09	6.2E-10	

Table H-267 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.0E-04	1.1E-02	3.7E-05	3.5E-03		
Aldehydes											
Acetaldehyde	3.3E-14					5.2E-04	1.9E-02	6.5E-05	6.2E-03		
Formaldehyde	1.6E-13					1.1E+00	7.3E-03	2.7E-05	2.4E-03		
Propionaldehyde				8.0E-16	2.6E-14	5.7E-05	2.1E-03	7.1E-06	6.9E-04	6.0E-12	4.2E-10
CO											
Carbon monoxide						1.6E-02	6.0E-01	2.0E-03	2.0E-01		
CO2											
Carbon dioxide						5.0E-04	1.8E-02	6.3E-05	6.0E-03		
Criteria											
Sulfur Dioxide						1.4E-04	4.4E-03	1.7E-05	1.5E-03		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	4.4E-19	4.4E-16	8.3E-15	1.7E-15	6.6E-14	3.0E-10	1.2E-08	3.8E-11	4.0E-09	8.6E-17	7.1E-15
1,2,3,4,6,7,8-HpCDF	4.3E-19	4.5E-16	8.3E-15	1.8E-15	6.6E-14	3.1E-10	1.2E-08	3.8E-11	4.0E-09	8.7E-17	7.1E-15
1,2,3,4,7,8,9-HpCDF	6.5E-20	5.2E-17	1.0E-15	2.0E-16	7.9E-15	3.9E-11	1.6E-09	4.8E-12	5.3E-10	9.9E-18	8.5E-16
1,2,3,4,7,8-HxCDD	5.0E-19	5.0E-17	9.7E-16	2.0E-16	7.7E-15	3.6E-11	1.5E-09	4.5E-12	4.9E-10	9.7E-18	8.3E-16
1,2,3,4,7,8-HxCDF	3.4E-18	4.0E-16	7.7E-15	1.6E-15	6.1E-14	3.0E-10	1.2E-08	3.7E-11	4.0E-09	7.7E-17	6.6E-15
1,2,3,6,7,8-HxCDD	9.5E-19	1.0E-16	2.0E-15	4.0E-16	1.6E-14	7.6E-11	3.1E-09	9.6E-12	1.0E-09	2.0E-17	1.7E-15
1,2,3,6,7,8-HxCDF	1.3E-18	1.3E-16	2.5E-15	5.2E-16	2.0E-14	9.6E-11	3.9E-09	1.2E-11	1.3E-09	2.5E-17	2.2E-15
1,2,3,7,8,9-HxCDD	1.4E-18	1.6E-16	3.1E-15	6.4E-16	2.5E-14	1.2E-10	4.7E-09	1.4E-11	1.6E-09	3.1E-17	2.7E-15
1,2,3,7,8,9-HxCDF	1.0E-19	9.4E-18	1.8E-16	3.7E-17	1.4E-15	7.4E-12	3.0E-10	9.2E-13	1.0E-10	1.8E-18	1.6E-16
1,2,3,7,8-PeCDD	2.6E-18	5.7E-17	1.1E-15	2.2E-16	8.8E-15	4.6E-11	1.9E-09	5.8E-12	6.3E-10	1.1E-17	9.5E-16
1,2,3,7,8-PeCDF	3.7E-18	6.7E-17	1.3E-15	2.6E-16	1.0E-14	6.6E-11	2.7E-09	8.2E-12	9.0E-10	1.3E-17	1.1E-15

Table H-267 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	1.8E-18	2.0E-16	3.9E-15	8.1E-16	3.0E-14	1.5E-10	5.9E-09	1.9E-11	2.0E-09	4.0E-17	3.3E-15
2,3,4,7,8-PeCDF	5.8E-18	1.6E-16	3.1E-15	6.3E-16	2.5E-14	1.5E-10	6.0E-09	1.8E-11	2.0E-09	3.1E-17	2.7E-15
2,3,7,8-TCDD	8.9E-19	1.2E-17	1.7E-16	4.5E-17	1.3E-15	1.9E-11	6.2E-10	2.3E-12	2.1E-10	1.5E-15	9.8E-14
2,3,7,8-TCDF	2.9E-18	2.1E-17	4.2E-16	8.3E-17	3.3E-15	6.8E-11	2.8E-09	8.5E-12	9.3E-10	4.1E-18	3.6E-16
OCDD	5.9E-21	3.0E-16	5.5E-15	1.2E-15	4.4E-14	2.0E-10	7.9E-09	2.5E-11	2.6E-09	5.8E-17	4.7E-15
OCDF	2.2E-21	1.2E-16	2.1E-15	4.6E-16	1.6E-14	7.5E-11	2.9E-09	9.4E-12	9.8E-10	2.2E-17	1.8E-15
HCN											
Hydrogen cyanide						5.7E-05	2.2E-03	7.1E-06	7.3E-04		
Metals											
Aluminum				3.6E-03						1.8E-04	
Antimony	5.6E-18			1.3E-07		3.7E-06	9.2E-05	4.7E-07	3.1E-05	6.6E-09	
Arsenic	2.9E-16	1.3E-07	1.7E-17	3.0E-07	8.1E-17	2.1E-07	7.5E-06	2.7E-08	2.5E-06	2.5E-08	1.5E-17
Barium	7.7E-13			9.7E-10	3.4E-08	4.5E-05	1.2E-03	5.6E-06	4.0E-04	4.8E-11	3.6E-09
Beryllium	1.2E-17			3.7E-16	1.4E-14	1.5E-08	5.2E-07	1.9E-09	1.7E-07	1.8E-17	1.5E-15
Cadmium	3.0E-15			2.9E-16	1.1E-14	2.7E-07	9.4E-06	3.4E-08	3.1E-06	1.4E-17	1.2E-15
Chromium	8.7E-16			2.5E-11	9.9E-10	2.3E-06	8.3E-05	2.9E-07	2.8E-05	1.2E-12	1.1E-10
Cobalt				9.4E-06	3.1E-09	3.5E-06	6.4E-05	4.4E-07	2.1E-05	4.6E-07	3.4E-10
Copper				1.0E-10	3.9E-09	6.3E-06	2.2E-04	7.9E-07	7.2E-05	5.1E-12	4.3E-10
Iron				8.1E-03						4.0E-04	
Lead	2.5E-18			3.8E-05	1.4E-12	2.1E-06	7.0E-05	2.7E-07	2.3E-05	1.9E-06	1.5E-13
Manganese				2.8E-13	1.1E-11	1.9E-06	6.7E-05	2.4E-07	2.2E-05	1.4E-14	1.2E-12
Mercury (+2)				1.1E-14	3.5E-13	8.4E-09	3.0E-07	1.1E-09	9.9E-08	5.6E-16	3.8E-14
Mercury, elemental				6.1E-07		3.5E-11	1.2E-09	4.4E-12	4.1E-10	1.2E-03	
Methyl Mercury	3.0E-15			6.8E-16	2.6E-14					3.3E-17	2.8E-15

Table H-267 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	1.2E-15			2.0E-04	5.5E-14	1.2E-06	4.3E-05	1.5E-07	1.4E-05	9.7E-06	6.0E-15
Phosphorus				2.7E-15	9.9E-14	9.4E-06	3.1E-04	1.2E-06	1.0E-04	2.6E-11	2.1E-09
Selenium	9.9E-17			1.4E-17	5.5E-16	6.2E-08	2.2E-06	7.8E-09	7.3E-07	7.1E-19	6.0E-17
Silver	7.1E-17			2.6E-13	9.9E-12	4.1E-08	1.3E-06	5.1E-09	4.5E-07	1.3E-14	1.1E-12
Titanium				2.9E-15	1.2E-13	2.2E-08	8.1E-07	2.7E-09	2.7E-07	1.4E-16	1.2E-14
Zinc	1.5E-12			6.6E-14	2.3E-12	4.9E-05	1.4E-03	6.1E-06	4.7E-04	3.2E-15	2.5E-13
NOx											
NOx (Oxides of Nitrogen)						5.6E-04	1.9E-02	7.0E-05	6.2E-03		
PAHs											
1-Methylnaphthalene		8.5E-17	1.7E-15	7.7E-17	3.2E-15	1.2E-05	4.9E-04	1.5E-06	1.6E-04	8.8E-14	7.9E-12
1-Methylphenanthrene				5.2E-14	2.1E-12	1.4E-06	5.9E-05	1.8E-07	2.0E-05	2.5E-15	2.3E-13
2,3,5-Trimethylnaphthalene				2.4E-14	1.1E-12	7.0E-07	3.0E-05	8.7E-08	1.0E-05	1.2E-15	1.1E-13
2,6-Dimethylnaphthalene				6.6E-14	2.8E-12	1.8E-06	7.8E-05	2.3E-07	2.6E-05	3.3E-15	3.0E-13
2-Methylnaphthalene		8.2E-17	1.7E-15	7.5E-17	3.1E-15	1.1E-05	4.8E-04	1.4E-06	1.6E-04	8.6E-14	7.8E-12
Acenaphthylene				2.1E-13	9.0E-12	6.7E-06	2.9E-04	8.4E-07	9.5E-05	1.0E-14	9.7E-13
Acenaphthene	1.2E-15					1.2E-06	5.2E-05	1.5E-07	1.7E-05		
Anthracene	1.5E-14					2.2E-06	9.2E-05	2.7E-07	3.1E-05		
Benzo(a)anthracene	2.2E-12	7.9E-09	1.4E-11	7.2E-09	2.6E-11	1.1E-06	4.6E-05	1.3E-07	1.5E-05	1.1E-07	8.7E-10
Benzo(a)pyrene	1.1E-12	9.3E-09	6.1E-12	8.4E-09	1.1E-11	4.2E-07	1.8E-05	5.3E-08	5.9E-06	4.1E-10	1.2E-12
Benzo(b)fluoranthene	3.0E-13	1.7E-08	3.3E-13	1.5E-08	6.0E-13	4.7E-07	1.9E-05	5.9E-08	6.3E-06	7.4E-10	6.5E-14
Benzo(e)pyrene				1.2E-14	4.8E-13	3.6E-07	1.5E-05	4.5E-08	4.9E-06	6.0E-16	5.2E-14
Benzo(g,h,i)perylene				9.0E-15	3.6E-13	2.7E-07	1.1E-05	3.4E-08	3.8E-06	4.4E-16	3.9E-14
Benzo(k)fluoranthene	2.4E-15	1.3E-08	2.0E-13	1.1E-08	3.6E-13	4.2E-09	7.4E-08	5.2E-10	2.5E-08	5.6E-10	3.8E-14
Biphenyl				1.2E-15	5.0E-14	4.0E-05	1.7E-03	5.0E-06	5.6E-04	7.0E-13	6.4E-11

Table H-267 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	3.8E-13	9.8E-09	1.7E-11	8.9E-09	3.1E-11	1.8E-06	7.6E-05	2.3E-07	2.5E-05	4.3E-10	3.4E-12
Dibenze(a,h)anthracene	5.5E-14	1.1E-13	2.1E-12	9.7E-14	3.9E-12	6.6E-08	2.7E-06	8.3E-09	9.1E-07	4.8E-15	4.2E-13
Fluoranthene	9.9E-14	2.3E-14	4.6E-13	2.1E-14	8.4E-13	2.7E-06	1.1E-04	3.3E-07	3.7E-05	1.0E-15	9.1E-14
Fluorene	2.2E-14					6.7E-06	2.8E-04	8.4E-07	9.4E-05		
Indeno(1,2,3-cd)pyrene	1.4E-13	4.0E-09	5.9E-12	3.7E-09	1.1E-11	2.2E-07	9.1E-06	2.7E-08	3.0E-06	1.8E-10	1.2E-12
Napthalene	1.0E-14					5.3E-05	2.2E-03	6.6E-06	7.4E-04		
Perylene				4.7E-15	2.2E-13	1.6E-07	7.3E-06	2.1E-08	2.4E-06	2.3E-16	2.4E-14
Phenanthrene	1.0E-13					1.3E-05	5.2E-04	1.6E-06	1.7E-04		
Pyrene	7.2E-14	7.7E-14	1.6E-12	7.0E-14	2.9E-12	2.6E-06	1.1E-04	3.3E-07	3.6E-05	1.9E-12	1.8E-10
Particulate											
Particulate Total Suspended Particulate				1.1E-09	4.4E-08	8.4E-03	3.2E-01	1.0E-03	1.1E-01	5.2E-11	4.7E-09
PM<10				1.4E-09	5.7E-08	1.1E-02	4.3E-01	1.4E-03	1.4E-01	6.7E-11	6.1E-09
PM<2.5				1.1E-09	4.8E-08	9.4E-03	3.7E-01	1.2E-03	1.2E-01	5.6E-11	5.1E-09
PCBs											
Dichlorobiphenyl	2.2E-15	2.1E-16	4.1E-15	1.7E-16	6.9E-15	3.3E-08	1.4E-06	4.1E-09	4.5E-07	1.6E-14	1.4E-12
Heptachlorobiphenyl	8.2E-17	2.4E-17	4.6E-16	2.0E-17	7.8E-16	4.5E-10	1.8E-08	5.7E-11	6.1E-09	1.0E-15	8.7E-14
Hexachlorobiphenyl	3.3E-16	1.1E-16	1.9E-15	9.1E-17	3.3E-15	1.9E-09	7.4E-08	2.4E-10	2.5E-08	4.6E-15	3.7E-13
Monochlorobiphenyl	1.5E-14	1.4E-15	2.9E-14	1.2E-15	4.8E-14	2.3E-07	9.5E-06	2.9E-08	3.2E-06	1.1E-13	9.9E-12
Nonachlorobiphenyl	1.0E-17	4.2E-18	6.5E-17	3.6E-18	1.1E-16	6.4E-11	2.3E-09	8.0E-12	7.6E-10	1.8E-16	1.2E-14
Octachlorobiphenyl	2.4E-17	7.7E-18	1.4E-16	6.5E-18	2.4E-16	1.4E-10	5.4E-09	1.7E-11	1.8E-09	3.3E-16	2.7E-14
Pentachlorobiphenyl	1.1E-15	3.9E-16	6.6E-15	3.3E-16	1.1E-14	6.5E-09	2.5E-07	8.1E-10	8.2E-08	1.7E-14	1.3E-12
Tetrachlorobiphenyl	6.5E-16	7.9E-17	1.3E-15	6.6E-17	2.2E-15	1.1E-08	4.0E-07	1.3E-09	1.3E-07	6.2E-15	4.6E-13
Trichlorobiphenyl	8.5E-16	9.5E-17	1.7E-15	8.0E-17	2.8E-15	1.4E-08	5.3E-07	1.7E-09	1.8E-07	7.4E-15	5.9E-13
Pesticides											

Table H-267 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chlordecone (Kepone)		4.5E-07		5.4E-07						2.6E-08	
DDE				7.3E-08						2.3E-06	
SVOCs											
1,2,4-trichlorobenzene						9.6E-08	3.1E-06	1.2E-08	1.0E-06		
1,2-dichlorobenzene	9.8E-19					3.9E-08	6.9E-07	4.9E-09	2.3E-07		
1,3-Butadiene						7.7E-03					
1,3-dichlorobenzene	2.5E-18					5.8E-08	2.0E-06	7.2E-09	6.6E-07		
1,4-dichlorobenzene	3.3E-17					5.4E-07	2.4E-05	6.8E-08	8.1E-06		
2,4-Dimethylphenol	9.0E-16					8.5E-06	3.4E-04	1.1E-06	1.1E-04		
2-Chlorophenol	4.6E-17					1.7E-06	7.4E-05	2.1E-07	2.5E-05		
2-Methylphenol	1.9E-14					2.0E-05	8.4E-04	2.5E-06	2.8E-04		
2-Nitrophenol	1.1E-16					2.7E-06	1.1E-04	3.4E-07	3.7E-05		
3-Methylphenol & 4-Methylphenol				1.3E-12	5.5E-11	3.6E-05	1.5E-03	4.5E-06	5.0E-04	6.5E-14	5.9E-12
4-Nitrophenol	2.3E-16					4.5E-06	1.7E-04	5.6E-07	5.8E-05		
Acetophenone	1.4E-15					4.2E-05	1.7E-03	5.3E-06	5.8E-04		
Benzoic acid	5.7E-15					1.9E-04	8.0E-03	2.4E-05	2.7E-03		
Benzyl alcohol	3.5E-18					1.6E-06	4.9E-05	2.0E-07	1.6E-05		
bis(2-Ethylhexyl) phthalate	1.8E-13	2.4E-12	4.3E-11	2.8E-12	1.0E-10	6.8E-05	2.6E-03	8.5E-06	8.8E-04	1.4E-13	1.1E-11
Butyl benzyl phthalate	6.3E-14	1.2E-15	2.4E-14	1.4E-15	5.6E-14	2.1E-06	8.9E-05	2.7E-07	3.0E-05	6.7E-17	6.1E-15
Carbazole				5.0E-15	9.3E-14	6.0E-08	1.1E-06	7.5E-09	3.6E-07	2.5E-16	1.0E-14
Dibenzofuran		5.1E-17	1.0E-15	2.0E-16	8.1E-15	3.4E-06	1.4E-04	4.3E-07	4.7E-05	8.6E-14	7.6E-12
Dimethyl phthalate	2.3E-17					1.2E-07	2.1E-06	1.5E-08	7.1E-07		
Di-n-butyl phthalate	6.0E-13	1.2E-15	2.4E-14	1.4E-15	5.6E-14	3.3E-06	1.4E-04	4.1E-07	4.5E-05	6.7E-17	6.1E-15
Di-n-octyl phthalate	4.5E-18	3.4E-15	3.1E-14	4.0E-15	7.3E-14	2.3E-07	4.1E-06	2.9E-08	1.4E-06	1.9E-16	7.9E-15

Table H-267 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	2.4E-15					1.6E-05	2.8E-04	2.0E-06	9.4E-05		
Isopropanol						1.2E-01					
Phenol	5.3E-14					1.1E-04	4.5E-03	1.3E-05	1.5E-03		
Pyridine	2.7E-15					1.0E-05	4.2E-04	1.3E-06	1.4E-04		
TRS											
Total Reduced Sulfur						1.0E-04	4.5E-03	1.3E-05	1.5E-03		
VOCs											
1,1,1,2-Tetrachloroethane	9.6E-19					4.8E-08	1.6E-06	6.0E-09	5.4E-07		
1,1,1-Trichloroethane	6.3E-20					4.7E-08	1.8E-06	5.9E-09	5.9E-07		
1,1-Dichloroethene	2.1E-21					9.3E-09	1.7E-07	1.2E-09	5.5E-08		
1,2,3-Trichlorobenzene	6.7E-17					1.9E-07	7.1E-06	2.4E-08	2.4E-06		
1,2,3-Trichloropropane	3.9E-19					3.9E-08	6.9E-07	4.8E-09	2.3E-07		
1,2,4-Trimethylbenzene						2.2E-06	7.1E-05	2.8E-07	2.4E-05		
1,2-Dibromoethane	1.3E-19					2.5E-08	4.4E-07	3.1E-09	1.5E-07		
1,2-Dichloroethane	4.2E-18					9.9E-07	3.7E-05	3.6E-04	1.2E-05		
1,3,5-Trimethylbenzene	2.2E-17					2.1E-06	6.2E-05	2.6E-07	2.1E-05		
1,3-Dichloropropane						2.4E-08	4.3E-07	3.0E-09	1.4E-07		
2-Butanone	8.7E-16					1.2E-05	4.7E-04	1.5E-06	1.6E-04		
2-Chlorotoluene						5.3E-07	2.2E-05	6.6E-08	7.2E-06		
2-Hexanone						2.4E-06	8.8E-05	3.0E-07	2.9E-05		
Benzene	7.0E-16					3.0E-02	1.2E-02	3.5E-03	4.1E-03		
Bromobenzene						1.3E-05	2.4E-04	1.7E-06	7.9E-05		
Bromochloromethane						3.1E-08	5.6E-07	3.9E-09	1.9E-07		
Bromodichloromethane	1.1E-19					3.4E-08	6.1E-07	4.3E-09	2.0E-07		

Table H-267 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromomethane	4.8E-19					1.4E-06	4.1E-05	1.7E-07	1.4E-05		
Carbon disulfide	4.5E-19					1.2E-06	3.5E-05	1.5E-07	1.2E-05		
Carbon tetrachloride	4.8E-20					5.3E-02	1.4E-06	5.5E-03	4.6E-07		
Chlorobenzene	1.7E-17					1.7E-06	6.1E-05	2.1E-07	2.0E-05		
Chlorodibromomethane	6.5E-18					8.5E-07	1.5E-05	1.1E-07	5.0E-06		
Chloroethane	1.3E-18					3.3E-06	1.1E-04	4.1E-07	3.8E-05		
Chloroform	1.0E-18					7.7E-03	1.4E-05	8.6E-04	4.5E-06		
Chloromethane	3.5E-18					1.1E-05	3.3E-04	1.4E-06	1.1E-04		
cis-1,2-Dichloroethene	1.4E-18					1.4E-06	2.5E-05	1.8E-07	8.4E-06		
cis-1,3-Dichloropropene						8.7E-09	1.6E-07	1.1E-09	5.2E-08		
Dibromomethane	1.5E-19					7.3E-08	1.3E-06	9.1E-09	4.3E-07		
Dichlorodifluoromethane	1.7E-21					8.9E-08	1.6E-06	1.1E-08	5.3E-07		
Ethylbenzene	5.3E-16					9.8E-03	2.6E-03	8.7E-06	8.8E-04		
Isopropylbenzene	7.0E-19					5.6E-06	1.9E-04	7.0E-07	6.4E-05		
m&p-Xylene	8.4E-17					1.3E-05	4.4E-04	1.6E-06	1.5E-04		
Methyl Isobutyl Ketone (4-methyl-2-per	8.6E-19					1.3E-07	2.3E-06	1.6E-08	7.6E-07		
Methylene chloride	9.3E-18					6.4E-06	2.4E-04	8.1E-07	7.9E-05		
n-Butylbenzene						2.8E-06	8.3E-05	3.5E-07	2.8E-05		
n-Propylbenzene						3.3E-06	1.1E-04	4.2E-07	3.7E-05		
o-Xylene	9.9E-17					8.2E-06	2.7E-04	1.0E-06	9.1E-05		
p-Chlorotoluene						2.0E-07	6.0E-06	2.5E-08	2.0E-06		
p-Isopropyltoluene						1.4E-06	3.3E-05	1.7E-07	1.1E-05		
sec-Butylbenzene						5.1E-07	1.5E-05	6.4E-08	5.1E-06		
Styrene	3.3E-15					1.8E-04	6.7E-03	2.3E-05	2.2E-03		

Table H-267 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						1.6E-05	2.9E-04	2.0E-06	9.7E-05		
Tetrachloroethene	2.4E-19					4.3E-08	1.5E-06	5.4E-09	5.0E-07		
Toluene	5.6E-16					1.1E-04	4.4E-03	1.4E-05	1.5E-03		
trans-1,2-Dichloroethene	2.1E-17					3.0E-05	5.4E-04	3.8E-06	1.8E-04		
trans-1,3-Dichloropropene						1.5E-08	2.7E-07	1.9E-09	9.0E-08		
Trichloroethene	2.4E-21					2.6E-09	4.6E-08	3.2E-10	1.5E-08		
Trichlorofluoromethane	3.7E-21					3.1E-08	5.6E-07	3.9E-09	1.9E-07		
Vinyl chloride	1.7E-19					1.8E-06	4.3E-05	2.2E-07	1.4E-05		

Table H-268 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	3.0E-05	1.0E-07	9.9E-06		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	5.2E-05	1.8E-07	1.7E-05		
Formaldehyde	4.5E-13					3.2E-03	2.0E-05	7.7E-08	6.8E-06		
Propionaldehyde				2.2E-15	7.2E-14	1.6E-07	5.8E-06	2.0E-08	1.9E-06	1.7E-14	1.2E-12
CO											
Carbon monoxide						4.5E-05	1.7E-03	5.6E-06	5.6E-04		
CO2											
Carbon dioxide						1.4E-06	5.0E-05	1.8E-07	1.7E-05		
Criteria											
Sulfur Dioxide						3.8E-07	1.2E-05	4.7E-08	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	4.0E-14	8.5E-15	3.2E-13	8.5E-13	3.4E-11	1.1E-13	1.1E-11	4.2E-19	3.4E-17
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	4.1E-14	8.6E-15	3.2E-13	8.6E-13	3.4E-11	1.1E-13	1.1E-11	4.2E-19	3.5E-17
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	4.9E-15	9.9E-16	3.9E-14	1.1E-13	4.4E-12	1.4E-14	1.5E-12	4.8E-20	4.2E-18
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	4.7E-15	9.7E-16	3.7E-14	1.0E-13	4.1E-12	1.3E-14	1.4E-12	4.7E-20	4.0E-18
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	3.8E-14	7.7E-15	3.0E-13	8.3E-13	3.3E-11	1.0E-13	1.1E-11	3.8E-19	3.2E-17
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	9.7E-15	2.0E-15	7.7E-14	2.1E-13	8.7E-12	2.7E-14	2.9E-12	9.7E-20	8.3E-18
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	1.2E-14	2.5E-15	9.8E-14	2.7E-13	1.1E-11	3.4E-14	3.6E-12	1.2E-19	1.1E-17
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.5E-14	3.1E-15	1.2E-13	3.2E-13	1.3E-11	4.1E-14	4.4E-12	1.5E-19	1.3E-17
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	8.9E-16	1.8E-16	7.1E-15	2.1E-14	8.4E-13	2.6E-15	2.8E-13	8.8E-21	7.6E-19
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	5.4E-15	1.1E-15	4.3E-14	1.3E-13	5.3E-12	1.6E-14	1.8E-12	5.4E-20	4.6E-18
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	6.4E-15	1.3E-15	5.1E-14	1.8E-13	7.5E-12	2.3E-14	2.5E-12	6.3E-20	5.5E-18

Table H-268 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.9E-14	3.9E-15	1.5E-13	4.2E-13	1.7E-11	5.2E-14	5.6E-12	1.9E-19	1.6E-17
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.5E-14	3.1E-15	1.2E-13	4.1E-13	1.7E-11	5.2E-14	5.6E-12	1.5E-19	1.3E-17
2,3,7,8-TCDD	2.7E-18	5.5E-17	8.0E-16	2.2E-16	6.3E-15	5.2E-14	1.7E-12	6.5E-15	5.8E-13	7.4E-18	4.7E-16
2,3,7,8-TCDF	8.2E-18	1.0E-16	2.0E-15	4.0E-16	1.6E-14	1.9E-13	7.8E-12	2.4E-14	2.6E-12	2.0E-20	1.7E-18
OCDD	2.5E-20	1.5E-15	2.7E-14	5.8E-15	2.1E-13	5.6E-13	2.2E-11	7.0E-14	7.4E-12	2.8E-19	2.3E-17
OCDF	9.3E-21	5.7E-16	1.0E-14	2.2E-15	8.0E-14	2.1E-13	8.2E-12	2.6E-14	2.7E-12	1.1E-19	8.6E-18
HCN											
Hydrogen cyanide						1.6E-07	6.2E-06	2.0E-08	2.1E-06		
Metals											
Aluminum				1.0E-02						5.0E-07	
Antimony	1.6E-17			3.8E-07		1.0E-08	2.6E-07	1.3E-09	8.6E-08	1.8E-11	
Arsenic	8.1E-16	3.6E-07	4.8E-17	8.5E-07	2.3E-16	5.9E-10	2.1E-08	7.4E-11	7.0E-09	6.9E-11	4.1E-20
Barium	2.7E-12			4.4E-09	1.5E-07	1.3E-07	3.4E-06	1.6E-08	1.1E-06	2.1E-13	1.6E-11
Beryllium	3.3E-17			1.0E-15	3.9E-14	4.3E-11	1.5E-09	5.4E-12	4.8E-10	5.1E-20	4.3E-18
Cadmium	8.3E-15			8.2E-16	3.1E-14	7.6E-10	2.6E-08	9.5E-11	8.8E-09	4.0E-20	3.4E-18
Chromium	2.8E-15			9.6E-11	3.7E-09	6.5E-09	2.3E-07	8.1E-10	7.7E-08	4.7E-15	4.0E-13
Cobalt				2.6E-05	1.4E-08	9.8E-09	1.8E-07	1.2E-09	6.0E-08	1.3E-09	1.5E-12
Copper				4.5E-10	1.7E-08	1.8E-08	6.1E-07	2.2E-09	2.0E-07	2.2E-14	1.8E-12
Iron				2.3E-02						1.1E-06	
Lead	6.9E-18			1.1E-04	3.8E-12	6.0E-09	2.0E-07	7.5E-10	6.5E-08	5.2E-09	4.1E-16
Manganese				8.0E-13	3.1E-11	5.5E-09	1.9E-07	6.8E-10	6.3E-08	3.9E-17	3.3E-15
Mercury (+2)				6.4E-14	2.0E-12	2.4E-11	8.3E-10	2.9E-12	2.8E-10	3.1E-18	2.1E-16
Mercury, elemental				1.7E-06		9.8E-14	3.5E-12	1.2E-14	1.2E-12	3.3E-06	
Methyl Mercury	1.3E-14			3.8E-15	1.5E-13					1.9E-19	1.6E-17

Table H-268 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	1.6E-13	3.5E-09	1.2E-07	4.3E-10	4.0E-08	2.7E-08	1.7E-17
Phosphorus				7.5E-15	2.8E-13	2.6E-08	8.6E-07	3.3E-09	2.9E-07	7.2E-14	5.9E-12
Selenium	2.8E-16			4.0E-17	1.6E-15	1.7E-10	6.1E-09	2.2E-11	2.0E-09	2.0E-21	1.7E-19
Silver	2.1E-16			8.5E-13	3.2E-11	1.1E-10	3.7E-09	1.4E-11	1.2E-09	4.2E-17	3.4E-15
Titanium				8.0E-15	3.2E-13	6.1E-11	2.3E-09	7.6E-12	7.6E-10	3.9E-19	3.5E-17
Zinc	4.1E-12			1.8E-13	6.5E-12	1.4E-07	3.9E-06	1.7E-08	1.3E-06	9.0E-18	7.0E-16
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	5.2E-05	2.0E-07	1.7E-05		
PAHs											
1-Methylnaphthalene		2.4E-16	4.9E-15	2.2E-16	8.9E-15	3.3E-08	1.4E-06	4.1E-09	4.6E-07	2.5E-16	2.2E-14
1-Methylphenanthrene				1.5E-13	6.0E-12	3.9E-09	1.7E-07	4.9E-10	5.5E-08	7.1E-18	6.5E-16
2,3,5-Trimethylnaphthalene				6.8E-14	3.0E-12	1.9E-09	8.4E-08	2.4E-10	2.8E-08	3.3E-18	3.2E-16
2,6-Dimethylnaphthalene				1.9E-13	7.9E-12	5.1E-09	2.2E-07	6.4E-10	7.3E-08	9.1E-18	8.5E-16
2-Methylnaphthalene		2.3E-16	4.7E-15	2.1E-16	8.6E-15	3.2E-08	1.3E-06	4.0E-09	4.4E-07	2.4E-16	2.2E-14
Acenaphthylene				6.0E-13	2.5E-11	1.9E-08	8.0E-07	2.4E-09	2.7E-07	2.9E-17	2.7E-15
Acenaphthene	3.4E-15					3.5E-09	1.4E-07	4.3E-10	4.8E-08		
Anthracene	4.3E-14					6.1E-09	2.6E-07	7.6E-10	8.6E-08		
Benzo(a)anthracene	6.2E-12	2.2E-08	4.4E-11	2.0E-08	8.0E-11	3.0E-09	1.3E-07	3.7E-10	4.3E-08	3.0E-10	2.7E-12
Benzo(a)pyrene	3.1E-12	2.6E-08	1.8E-11	2.4E-08	3.3E-11	1.2E-09	4.9E-08	1.5E-10	1.6E-08	1.2E-12	3.6E-15
Benzo(b)fluoranthene	8.3E-13	4.7E-08	1.0E-12	4.2E-08	1.8E-12	1.3E-09	5.3E-08	1.6E-10	1.8E-08	2.1E-12	2.0E-16
Benzo(e)pyrene				3.4E-14	1.3E-12	1.0E-09	4.1E-08	1.3E-10	1.4E-08	1.7E-18	1.4E-16
Benzo(g,h,i)perylene				2.5E-14	1.0E-12	7.7E-10	3.2E-08	9.6E-11	1.1E-08	1.2E-18	1.1E-16
Benzo(k)fluoranthene	7.9E-15	3.5E-08	7.3E-13	3.2E-08	1.3E-12	1.2E-11	2.1E-10	1.5E-12	6.9E-11	1.6E-12	1.4E-16
Biphenyl				3.3E-15	1.4E-13	1.1E-07	4.7E-06	1.4E-08	1.6E-06	2.0E-15	1.8E-13

Table H-268 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	1.1E-12	2.7E-08	5.6E-11	2.5E-08	1.0E-10	5.1E-09	2.1E-07	6.4E-10	7.1E-08	1.2E-12	1.1E-14
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	6.8E-12	3.1E-13	1.2E-11	1.9E-10	7.6E-09	2.3E-11	2.5E-09	1.5E-17	1.3E-15
Fluoranthene	2.8E-13	6.8E-14	1.4E-12	6.1E-14	2.5E-12	7.5E-09	3.1E-07	9.4E-10	1.0E-07	3.0E-18	2.7E-16
Fluorene	6.1E-14					1.9E-08	7.9E-07	2.3E-09	2.6E-07		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.1E-08	1.8E-11	1.0E-08	3.3E-11	6.2E-10	2.5E-08	7.7E-11	8.5E-09	5.0E-13	3.6E-15
Napthalene	2.8E-14					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Perylene				1.3E-14	6.2E-13	4.6E-10	2.0E-08	5.8E-11	6.8E-09	6.5E-19	6.6E-17
Phenanthrene	2.9E-13					3.5E-08	1.5E-06	4.4E-09	4.8E-07		
Pyrene	2.0E-13	2.8E-13	5.7E-12	2.5E-13	1.0E-11	7.3E-09	3.0E-07	9.1E-10	1.0E-07	7.1E-15	6.4E-13
Particulate											
Particulate Total Suspended Particulate				3.0E-09	1.2E-07	2.3E-05	9.0E-04	2.9E-06	3.0E-04	1.5E-13	1.3E-11
PM<10				3.8E-09	1.6E-07	3.1E-05	1.2E-03	3.9E-06	4.0E-04	1.9E-13	1.7E-11
PM<2.5				3.2E-09	1.3E-07	2.6E-05	1.0E-03	3.3E-06	3.5E-04	1.6E-13	1.4E-11
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	2.0E-14	8.3E-16	3.3E-14	9.3E-11	3.8E-09	1.2E-11	1.3E-09	7.8E-17	6.8E-15
Heptachlorobiphenyl	2.3E-16	1.2E-16	2.2E-15	9.8E-17	3.8E-15	1.3E-12	5.1E-11	1.6E-13	1.7E-11	5.0E-18	4.2E-16
Hexachlorobiphenyl	9.4E-16	5.2E-16	9.4E-15	4.4E-16	1.6E-14	5.3E-12	2.1E-10	6.7E-13	6.9E-11	2.3E-17	1.8E-15
Monochlorobiphenyl	4.3E-14	6.9E-15	1.4E-13	5.8E-15	2.3E-13	6.5E-10	2.7E-08	8.1E-11	8.9E-09	5.4E-16	4.7E-14
Nonachlorobiphenyl	2.9E-17	2.0E-17	3.2E-16	1.7E-17	5.4E-16	1.8E-13	6.4E-12	2.2E-14	2.1E-12	8.8E-19	6.0E-17
Octachlorobiphenyl	6.9E-17	3.8E-17	6.9E-16	3.2E-17	1.2E-15	3.9E-13	1.5E-11	4.9E-14	5.1E-12	1.6E-18	1.3E-16
Pentachlorobiphenyl	3.1E-15	1.9E-15	3.2E-14	1.6E-15	5.5E-14	1.8E-11	6.9E-10	2.3E-12	2.3E-10	8.1E-17	6.1E-15
Tetrachlorobiphenyl	1.8E-15	3.8E-16	6.4E-15	3.2E-16	1.1E-14	3.0E-11	1.1E-09	3.8E-12	3.8E-10	3.0E-17	2.2E-15
Trichlorobiphenyl	2.4E-15	4.5E-16	8.1E-15	3.8E-16	1.4E-14	3.8E-11	1.5E-09	4.8E-12	4.9E-10	3.6E-17	2.8E-15
Pesticides											

Table H-268 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chlordecone (Kepone)		1.3E-06		1.5E-06						7.3E-11	
DDE				2.1E-07						6.5E-09	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	8.7E-09	3.4E-11	2.9E-09		
1,2-dichlorobenzene	2.8E-18					1.1E-10	1.9E-09	1.4E-11	6.5E-10		
1,3-Butadiene						2.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	5.5E-09	2.0E-11	1.8E-09		
1,4-dichlorobenzene	9.2E-17					1.5E-09	6.8E-08	1.9E-10	2.3E-08		
2,4-Dimethylphenol	2.5E-15					2.4E-08	9.5E-07	3.0E-09	3.2E-07		
2-Chlorophenol	1.3E-16					4.7E-09	2.1E-07	5.9E-10	6.9E-08		
2-Methylphenol	5.3E-14					5.6E-08	2.3E-06	7.0E-09	7.8E-07		
2-Nitrophenol	3.2E-16					7.6E-09	3.1E-07	9.4E-10	1.0E-07		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.5E-10	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.8E-16	1.7E-14
4-Nitrophenol	6.5E-16					1.3E-08	4.8E-07	1.6E-09	1.6E-07		
Acetophenone	3.9E-15					1.2E-07	4.9E-06	1.5E-08	1.6E-06		
Benzoic acid	1.6E-14					5.4E-07	2.2E-05	6.7E-08	7.5E-06		
Benzyl alcohol	9.8E-18					4.5E-09	1.4E-07	5.6E-10	4.5E-08		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	1.2E-10	8.0E-12	2.9E-10	1.9E-07	7.4E-06	2.4E-08	2.5E-06	3.9E-16	3.1E-14
Butyl benzyl phthalate	1.8E-13	3.3E-15	6.6E-14	3.8E-15	1.6E-13	6.0E-09	2.5E-07	7.5E-10	8.3E-08	1.9E-19	1.7E-17
Carbazole				1.4E-14	2.6E-13	1.7E-10	3.0E-09	2.1E-11	1.0E-09	6.9E-19	2.8E-17
Dibenzofuran		1.4E-16	2.9E-15	5.7E-16	2.3E-14	9.5E-09	3.9E-07	1.2E-09	1.3E-07	2.4E-16	2.1E-14
Dimethyl phthalate	6.5E-17					3.3E-10	5.9E-09	4.2E-11	2.0E-09		
Di-n-butyl phthalate	1.7E-12	3.3E-15	6.7E-14	3.9E-15	1.6E-13	9.2E-09	3.8E-07	1.1E-09	1.3E-07	1.9E-19	1.7E-17
Di-n-octyl phthalate	1.3E-17	9.4E-15	8.7E-14	1.1E-14	2.1E-13	6.4E-10	1.1E-08	8.0E-11	3.8E-09	5.5E-19	2.2E-17

Table H-268 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	7.9E-07	5.5E-09	2.6E-07		
Isopropanol						3.4E-04					
Phenol	1.5E-13					3.0E-07	1.2E-05	3.8E-08	4.2E-06		
Pyridine	7.7E-15					2.9E-08	1.2E-06	3.6E-09	4.0E-07		
TRS											
Total Reduced Sulfur						2.9E-07	1.3E-05	3.6E-08	4.2E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	4.6E-09	1.7E-11	1.5E-09		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	5.0E-09	1.7E-11	1.7E-09		
1,1-Dichloroethene	6.0E-21					2.6E-11	4.6E-10	3.2E-12	1.5E-10		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	2.0E-08	6.7E-11	6.6E-09		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	1.9E-09	1.4E-11	6.4E-10		
1,2,4-Trimethylbenzene						6.2E-09	2.0E-07	7.8E-10	6.6E-08		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.2E-09	8.6E-12	4.1E-10		
1,2-Dichloroethane	1.2E-17					2.8E-09	1.0E-07	1.0E-06	3.5E-08		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.7E-07	7.3E-10	5.8E-08		
1,3-Dichloropropane						6.7E-11	1.2E-09	8.4E-12	4.0E-10		
2-Butanone	2.4E-15					3.3E-08	1.3E-06	4.1E-09	4.4E-07		
2-Chlorotoluene						1.5E-09	6.1E-08	1.8E-10	2.0E-08		
2-Hexanone						6.8E-09	2.5E-07	8.4E-10	8.2E-08		
Benzene	2.0E-15					8.4E-05	3.4E-05	9.7E-06	1.1E-05		
Bromobenzene						3.7E-08	6.6E-07	4.7E-09	2.2E-07		
Bromochloromethane						8.8E-11	1.6E-09	1.1E-11	5.2E-10		
Bromodichloromethane	3.1E-19					9.5E-11	1.7E-09	1.2E-11	5.7E-10		

Table H-268 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	1.1E-07	4.8E-10	3.8E-08		
Carbon disulfide	1.3E-18					3.3E-09	9.8E-08	4.2E-10	3.3E-08		
Carbon tetrachloride	1.3E-19					1.5E-04	3.9E-09	1.5E-05	1.3E-09		
Chlorobenzene	4.7E-17					4.8E-09	1.7E-07	6.0E-10	5.7E-08		
Chlorodibromomethane	1.8E-17					2.4E-09	4.2E-08	3.0E-10	1.4E-08		
Chloroethane	3.7E-18					9.1E-09	3.2E-07	1.1E-09	1.1E-07		
Chloroform	2.8E-18					2.2E-05	3.8E-08	2.4E-06	1.3E-08		
Chloromethane	9.8E-18					3.1E-08	9.4E-07	3.9E-09	3.1E-07		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	7.1E-08	5.0E-10	2.4E-08		
cis-1,3-Dichloropropene						2.4E-11	4.3E-10	3.0E-12	1.4E-10		
Dibromomethane	4.2E-19					2.0E-10	3.6E-09	2.5E-11	1.2E-09		
Dichlorodifluoromethane	4.7E-21					2.5E-10	4.4E-09	3.1E-11	1.5E-09		
Ethylbenzene	1.5E-15					2.7E-05	7.4E-06	2.4E-08	2.5E-06		
Isopropylbenzene	2.0E-18					1.6E-08	5.4E-07	2.0E-09	1.8E-07		
m&p-Xylene	2.4E-16					3.6E-08	1.2E-06	4.6E-09	4.1E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	6.4E-09	4.5E-11	2.1E-09		
Methylene chloride	2.6E-17					1.8E-08	6.6E-07	2.3E-09	2.2E-07		
n-Butylbenzene						7.8E-09	2.3E-07	9.7E-10	7.7E-08		
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07		
o-Xylene	2.8E-16					2.3E-08	7.6E-07	2.9E-09	2.5E-07		
p-Chlorotoluene						5.5E-10	1.7E-08	6.9E-11	5.6E-09		
p-Isopropyltoluene						3.8E-09	9.2E-08	4.8E-10	3.1E-08		
sec-Butylbenzene						1.4E-09	4.3E-08	1.8E-10	1.4E-08		
Styrene	9.4E-15					5.1E-07	1.9E-05	6.4E-08	6.2E-06		

Table H-268 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						4.6E-08	8.1E-07	5.7E-09	2.7E-07		
Tetrachloroethene	6.6E-19					1.2E-10	4.2E-09	1.5E-11	1.4E-09		
Toluene	1.6E-15					3.2E-07	1.2E-05	3.9E-08	4.1E-06		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	1.5E-06	1.1E-08	5.0E-07		
trans-1,3-Dichloropropene						4.2E-11	7.5E-10	5.3E-12	2.5E-10		
Trichloroethene	6.8E-21					7.3E-12	1.3E-10	9.1E-13	4.3E-11		
Trichlorofluoromethane	1.0E-20					8.7E-11	1.6E-09	1.1E-11	5.2E-10		
Vinyl chloride	4.8E-19					5.0E-09	1.2E-07	6.2E-10	4.0E-08		

Table H-269 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			9.7E-03	1.2E-03	
Aldehydes					
Acetaldehyde			1.7E-02	2.1E-03	
Formaldehyde			6.4E-03	8.0E-04	
Propionaldehyde		1.9E-14	1.9E-03	2.4E-04	1.4E-10
CO					
Carbon monoxide			5.5E-01	6.9E-02	
CO2					
Carbon dioxide			1.6E-02	2.0E-03	
Criteria					
Sulfur Dioxide			3.8E-03	4.7E-04	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	1.3E-14	5.2E-14	1.2E-08	1.4E-09	2.5E-15
1,2,3,4,6,7,8-HpCDF	1.3E-14	5.2E-14	1.2E-08	1.4E-09	2.5E-15
1,2,3,4,7,8,9-HpCDF	1.6E-15	6.4E-15	1.5E-09	1.9E-10	3.1E-16
1,2,3,4,7,8-HxCDD	1.6E-15	6.1E-15	1.4E-09	1.8E-10	3.0E-16
1,2,3,4,7,8-HxCDF	1.2E-14	4.9E-14	1.1E-08	1.4E-09	2.4E-15
1,2,3,6,7,8-HxCDD	3.2E-15	1.3E-14	3.0E-09	3.7E-10	6.2E-16
1,2,3,6,7,8-HxCDF	4.1E-15	1.6E-14	3.7E-09	4.7E-10	7.9E-16
1,2,3,7,8,9-HxCDD	5.0E-15	2.0E-14	4.5E-09	5.6E-10	9.7E-16
1,2,3,7,8,9-HxCDF	3.0E-16	1.2E-15	2.9E-10	3.6E-11	5.7E-17

Table H-269 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	1.8E-15	7.1E-15	1.8E-09	2.3E-10	3.5E-16
1,2,3,7,8-PeCDF	2.1E-15	8.4E-15	2.6E-09	3.2E-10	4.1E-16
2,3,4,6,7,8-HxCDF	6.1E-15	2.4E-14	5.7E-09	7.1E-10	1.2E-15
2,3,4,7,8-PeCDF	5.1E-15	2.0E-14	5.8E-09	7.3E-10	9.8E-16
2,3,7,8-TCDD	2.3E-16	9.0E-16	5.5E-10	6.9E-11	3.1E-14
2,3,7,8-TCDF	6.8E-16	2.7E-15	2.7E-09	3.4E-10	1.3E-16
OCDD	8.7E-15	3.4E-14	7.5E-09	9.4E-10	1.7E-15
OCDF	3.2E-15	1.3E-14	2.8E-09	3.5E-10	6.2E-16
HCN					
Hydrogen cyanide			2.1E-03	2.6E-04	
Metals					
Antimony			6.7E-05	8.4E-06	
Arsenic	2.1E-17	5.0E-17	6.8E-06	8.5E-07	4.1E-18
Barium		1.7E-08	9.5E-04	1.2E-04	8.2E-10
Beryllium		8.3E-15	4.6E-07	5.8E-08	4.1E-16
Cadmium		6.8E-15	8.5E-06	1.1E-06	3.3E-16
Chromium		6.1E-10	7.6E-05	9.5E-06	3.0E-11
Cobalt		1.3E-09	3.4E-05	4.2E-06	6.2E-11
Copper		2.3E-09	1.9E-04	2.4E-05	1.1E-10
Lead		7.8E-13	6.1E-05	7.7E-06	3.8E-14
Manganese		6.5E-12	6.1E-05	7.6E-06	3.2E-13
Mercury (+2)		2.5E-13	2.7E-07	3.4E-08	1.2E-14

Table H-269 (Lifetime Average Daily Dose)

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Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Mercury, elemental			1.1E-09	1.4E-10	
Methyl Mercury		1.6E-14			7.9E-16
Nickel		3.3E-14	3.8E-05	4.8E-06	1.6E-15
Phosphorus		5.6E-14	2.7E-04	3.4E-05	5.4E-10
Selenium		3.3E-16	2.0E-06	2.5E-07	1.6E-17
Silver		5.7E-12	1.2E-06	1.5E-07	2.8E-13
Titanium		7.4E-14	7.6E-07	9.5E-08	3.6E-15
Zinc		1.2E-12	1.1E-03	1.4E-04	5.9E-14
NOx					
NOx (Oxides of Nitrogen)			1.6E-02	2.1E-03	
PAHs					
1-Methylnaphthalene	2.8E-15	2.6E-15	4.7E-04	5.9E-05	2.9E-12
1-Methylphenanthrene		1.8E-12	5.7E-05	7.2E-06	8.7E-14
2,3,5-Trimethylnaphthalene		8.9E-13	2.9E-05	3.7E-06	4.4E-14
2,6-Dimethylnaphthalene		2.3E-12	7.6E-05	9.5E-06	1.1E-13
2-Methylnaphthalene	2.8E-15	2.5E-15	4.6E-04	5.8E-05	2.9E-12
Acenaphthylene		7.4E-12	2.8E-04	3.5E-05	3.6E-13
Acenaphthene			5.0E-05	6.3E-06	
Anthracene			9.0E-05	1.1E-05	
Benzo(a)anthracene	2.4E-11	2.2E-11	4.6E-05	5.7E-06	3.3E-10
Benzo(a)pyrene	1.0E-11	9.1E-12	1.7E-05	2.1E-06	4.4E-13
Benzo(b)fluoranthene	5.3E-13	4.8E-13	1.8E-05	2.3E-06	2.3E-14

Table H-269 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(e)pyrene		3.8E-13	1.4E-05	1.8E-06	1.9E-14
Benzo(g,h,i)perylene		3.0E-13	1.1E-05	1.4E-06	1.5E-14
Benzo(k)fluoranthene	1.7E-13	1.6E-13	3.6E-08	4.5E-09	7.7E-15
Biphenyl		4.1E-14	1.6E-03	2.0E-04	2.4E-11
Chrysene	2.8E-11	2.6E-11	7.3E-05	9.2E-06	1.3E-12
Dibenze(a,h)anthracene	3.5E-12	3.1E-12	2.6E-06	3.3E-07	1.5E-13
Fluoranthene	7.6E-13	6.9E-13	1.1E-04	1.3E-05	3.4E-14
Fluorene			2.7E-04	3.4E-05	
Indeno(1,2,3-cd)pyrene	9.7E-12	8.8E-12	8.8E-06	1.1E-06	4.3E-13
Napthalene			2.1E-03	2.7E-04	
Perylene		1.9E-13	7.2E-06	9.0E-07	9.2E-15
Phenanthrene			5.0E-04	6.3E-05	
Pyrene	2.6E-12	2.3E-12	1.1E-04	1.3E-05	6.6E-11
Particulate					
Particulate Total Suspended Particulate		2.9E-08	3.0E-01	3.8E-02	1.4E-09
PM<10		3.8E-08	4.1E-01	5.1E-02	1.9E-09
PM<2.5		3.3E-08	3.6E-01	4.5E-02	1.6E-09
PCBs					
Dichlorobiphenyl	6.6E-15	5.6E-15	1.3E-06	1.6E-07	5.2E-13
Heptachlorobiphenyl	7.4E-16	6.2E-16	1.8E-08	2.2E-09	3.2E-14
Hexachlorobiphenyl	3.0E-15	2.5E-15	7.0E-08	8.8E-09	1.3E-13
Monochlorobiphenyl	4.6E-14	3.9E-14	9.2E-06	1.1E-06	3.6E-12

Table H-269 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Nonachlorobiphenyl	9.4E-17	8.0E-17	2.1E-09	2.6E-10	4.0E-15
Octachlorobiphenyl	2.2E-16	1.9E-16	5.2E-09	6.5E-10	9.5E-15
Pentachlorobiphenyl	1.0E-14	8.5E-15	2.3E-07	2.9E-08	4.3E-13
Tetrachlorobiphenyl	2.0E-15	1.7E-15	3.8E-07	4.7E-08	1.6E-13
Trichlorobiphenyl	2.6E-15	2.2E-15	5.0E-07	6.2E-08	2.1E-13
SVOCs					
1,2,4-trichlorobenzene			2.7E-06	3.3E-07	
1,2-dichlorobenzene			3.5E-07	4.3E-08	
1,3-dichlorobenzene			1.8E-06	2.2E-07	
1,4-dichlorobenzene			2.4E-05	3.0E-06	
2,4-Dimethylphenol			3.2E-04	4.1E-05	
2-Chlorophenol			7.3E-05	9.1E-06	
2-Methylphenol			8.2E-04	1.0E-04	
2-Nitrophenol			1.1E-04	1.3E-05	
3-Methylphenol & 4-Methylphenol		4.5E-11	1.5E-03	1.8E-04	2.2E-12
4-Nitrophenol			1.6E-04	2.0E-05	
Acetophenone			1.7E-03	2.1E-04	
Benzoic acid			7.8E-03	9.8E-04	
Benzyl alcohol			4.1E-05	5.1E-06	
bis(2-Ethylhexyl) phthalate	6.7E-11	7.9E-11	2.5E-03	3.1E-04	3.9E-12
Butyl benzyl phthalate	3.9E-14	4.6E-14	8.6E-05	1.1E-05	2.3E-15
Carbazole		4.1E-14	5.1E-07	6.4E-08	2.0E-15

Table H-269 (Lifetime Average Daily Dose)

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Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibenzofuran	1.7E-15	6.5E-15	1.4E-04	1.7E-05	2.8E-12
Dimethyl phthalate			1.1E-06	1.3E-07	
Di-n-butyl phthalate	3.9E-14	4.6E-14	1.3E-04	1.7E-05	2.3E-15
Di-n-octyl phthalate	2.7E-14	3.2E-14	2.0E-06	2.5E-07	1.6E-15
Hexachlorobutadiene			1.4E-04	1.8E-05	
Phenol			4.3E-03	5.4E-04	
Pyridine			4.1E-04	5.1E-05	
TRS					
Total Reduced Sulfur			4.5E-03	5.6E-04	
VOCs					
1,1,1,2-Tetrachloroethane			1.5E-06	1.8E-07	
1,1,1-Trichloroethane			1.7E-06	2.1E-07	
1,1-Dichloroethene			8.2E-08	1.0E-08	
1,2,3-Trichlorobenzene			6.6E-06	8.2E-07	
1,2,3-Trichloropropane			3.4E-07	4.3E-08	
1,2,4-Trimethylbenzene			6.1E-05	7.6E-06	
1,2-Dibromoethane			2.2E-07	2.7E-08	
1,2-Dichloroethane			3.5E-05	4.4E-06	
1,3,5-Trimethylbenzene			5.2E-05	6.5E-06	
1,3-Dichloropropane			2.1E-07	2.7E-08	
2-Butanone			4.5E-04	5.6E-05	
2-Chlorotoluene			2.1E-05	2.6E-06	

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Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Hexanone			8.1E-05	1.0E-05	
Benzene			1.2E-02	1.4E-03	
Bromobenzene			1.2E-04	1.5E-05	
Bromochloromethane			2.8E-07	3.5E-08	
Bromodichloromethane			3.0E-07	3.8E-08	
Bromomethane			3.4E-05	4.3E-06	
Carbon disulfide			2.9E-05	3.6E-06	
Carbon tetrachloride			6.9E-07	8.6E-08	
Chlorobenzene			5.6E-05	7.0E-06	
Chlorodibromomethane			7.5E-06	9.4E-07	
Chloroethane			1.0E-04	1.3E-05	
Chloroform			7.7E-06	9.7E-07	
Chloromethane			2.8E-04	3.5E-05	
cis-1,2-Dichloroethene			1.3E-05	1.6E-06	
cis-1,3-Dichloropropene			7.7E-08	9.6E-09	
Dibromomethane			6.5E-07	8.1E-08	
Dichlorodifluoromethane			7.9E-07	9.9E-08	
Ethylbenzene			2.5E-03	3.1E-04	
Isopropylbenzene			1.7E-04	2.2E-05	
m&p-Xylene			3.9E-04	4.9E-05	
Methyl Isobutyl Ketone (4-methyl-2-penta			1.1E-06	1.4E-07	
Methylene chloride			2.2E-04	2.7E-05	

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Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
n-Butylbenzene			6.9E-05	8.6E-06	
n-Propylbenzene			9.6E-05	1.2E-05	
o-Xylene			2.4E-04	3.0E-05	
p-Chlorotoluene			5.0E-06	6.2E-07	
p-Isopropyltoluene			2.3E-05	2.9E-06	
sec-Butylbenzene			1.3E-05	1.6E-06	
Styrene			6.1E-03	7.7E-04	
tert-Butylbenzene			1.4E-04	1.8E-05	
Tetrachloroethene			1.4E-06	1.7E-07	
Toluene			4.2E-03	5.3E-04	
trans-1,2-Dichloroethene			2.7E-04	3.3E-05	
trans-1,3-Dichloropropene			1.3E-07	1.7E-08	
Trichloroethene			2.3E-08	2.9E-09	
Trichlorofluoromethane			2.8E-07	3.5E-08	
Vinyl chloride			3.1E-05	3.9E-06	

Table H-270 (Average Daily Dose)

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Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			2.7E-05	3.4E-06	
Aldehydes					
Acetaldehyde			4.7E-05	5.9E-06	
Formaldehyde			1.8E-05	2.2E-06	
Propionaldehyde		5.2E-14	5.3E-06	6.6E-07	3.9E-13
CO					
Carbon monoxide			1.6E-03	1.9E-04	
CO2					
Carbon dioxide			4.6E-05	5.7E-06	
Criteria					
Sulfur Dioxide			1.1E-05	1.3E-06	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	6.4E-14	2.5E-13	3.2E-11	4.0E-12	1.2E-17
1,2,3,4,6,7,8-HpCDF	6.4E-14	2.5E-13	3.2E-11	4.0E-12	1.2E-17
1,2,3,4,7,8,9-HpCDF	7.9E-15	3.1E-14	4.3E-12	5.3E-13	1.5E-18
1,2,3,4,7,8-HxCDD	7.6E-15	3.0E-14	3.9E-12	4.9E-13	1.5E-18
1,2,3,4,7,8-HxCDF	6.0E-14	2.4E-13	3.2E-11	4.0E-12	1.2E-17
1,2,3,6,7,8-HxCDD	1.6E-14	6.1E-14	8.3E-12	1.0E-12	3.0E-18
1,2,3,6,7,8-HxCDF	2.0E-14	7.9E-14	1.0E-11	1.3E-12	3.8E-18
1,2,3,7,8,9-HxCDD	2.4E-14	9.6E-14	1.3E-11	1.6E-12	4.7E-18
1,2,3,7,8,9-HxCDF	1.4E-15	5.7E-15	8.1E-13	1.0E-13	2.8E-19

Table H-270 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	8.7E-15	3.4E-14	5.1E-12	6.3E-13	1.7E-18
1,2,3,7,8-PeCDF	1.0E-14	4.1E-14	7.3E-12	9.1E-13	2.0E-18
2,3,4,6,7,8-HxCDF	3.0E-14	1.2E-13	1.6E-11	2.0E-12	5.8E-18
2,3,4,7,8-PeCDF	2.5E-14	9.7E-14	1.6E-11	2.0E-12	4.8E-18
2,3,7,8-TCDD	1.1E-15	4.3E-15	1.5E-12	1.9E-13	1.5E-16
2,3,7,8-TCDF	3.3E-15	1.3E-14	7.6E-12	9.5E-13	6.4E-19
OCDD	4.2E-14	1.7E-13	2.1E-11	2.6E-12	8.2E-18
OCDF	1.6E-14	6.2E-14	7.8E-12	9.7E-13	3.0E-18
HCN					
Hydrogen cyanide			5.8E-06	7.3E-07	
Metals					
Antimony			1.9E-07	2.4E-08	
Arsenic	5.9E-17	1.4E-16	1.9E-08	2.4E-09	1.1E-20
Barium		7.4E-08	2.7E-06	3.3E-07	3.6E-12
Beryllium		2.3E-14	1.3E-09	1.6E-10	1.1E-18
Cadmium		1.9E-14	2.4E-08	3.0E-09	9.3E-19
Chromium		2.3E-09	2.1E-07	2.7E-08	1.1E-13
Cobalt		5.7E-09	9.5E-08	1.2E-08	2.8E-13
Copper		1.0E-08	5.4E-07	6.8E-08	5.0E-13
Lead		2.2E-12	1.7E-07	2.1E-08	1.1E-16
Manganese		1.8E-11	1.7E-07	2.1E-08	9.0E-16
Mercury (+2)		1.4E-12	7.5E-10	9.4E-11	7.0E-17

Table H-270 (Average Daily Dose)

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Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Mercury, elemental			3.1E-12	3.9E-13	
Methyl Mercury		8.9E-14			4.4E-18
Nickel		9.3E-14	1.1E-07	1.3E-08	4.5E-18
Phosphorus		1.6E-13	7.5E-07	9.4E-08	1.5E-12
Selenium		9.4E-16	5.5E-09	6.9E-10	4.6E-20
Silver		1.8E-11	3.3E-09	4.1E-10	8.9E-16
Titanium		2.1E-13	2.1E-09	2.7E-10	1.0E-17
Zinc		3.3E-12	3.2E-06	4.0E-07	1.6E-16
NOx					
NOx (Oxides of Nitrogen)			4.6E-05	5.8E-06	
PAHs					
1-Methylnaphthalene	8.0E-15	7.2E-15	1.3E-06	1.7E-07	8.2E-15
1-Methylphenanthrene		5.0E-12	1.6E-07	2.0E-08	2.4E-16
2,3,5-Trimethylnaphthalene		2.5E-12	8.2E-08	1.0E-08	1.2E-16
2,6-Dimethylnaphthalene		6.5E-12	2.1E-07	2.7E-08	3.2E-16
2-Methylnaphthalene	7.7E-15	7.0E-15	1.3E-06	1.6E-07	8.1E-15
Acenaphthylene		2.1E-11	7.8E-07	9.7E-08	1.0E-15
Acenaphthene			1.4E-07	1.8E-08	
Anthracene			2.5E-07	3.1E-08	
Benzo(a)anthracene	7.4E-11	6.8E-11	1.3E-07	1.6E-08	1.0E-12
Benzo(a)pyrene	3.0E-11	2.7E-11	4.8E-08	6.0E-09	1.3E-15
Benzo(b)fluoranthene	1.6E-12	1.5E-12	5.1E-08	6.3E-09	7.1E-17

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Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(e)pyrene		1.1E-12	3.9E-08	4.9E-09	5.3E-17
Benzo(g,h,i)perylene		8.3E-13	3.1E-08	3.9E-09	4.1E-17
Benzo(k)fluoranthene	6.4E-13	5.8E-13	1.0E-10	1.3E-11	2.9E-17
Biphenyl		1.2E-13	4.6E-06	5.7E-07	6.8E-14
Chrysene	9.1E-11	8.2E-11	2.1E-07	2.6E-08	4.0E-15
Dibenze(a,h)anthracene	1.1E-11	1.0E-11	7.4E-09	9.2E-10	4.9E-16
Fluoranthene	2.2E-12	2.0E-12	3.0E-07	3.8E-08	1.0E-16
Fluorene			7.7E-07	9.6E-08	
Indeno(1,2,3-cd)pyrene	3.0E-11	2.7E-11	2.5E-08	3.1E-09	1.3E-15
Napthalene			6.0E-06	7.5E-07	
Perylene		5.3E-13	2.0E-08	2.5E-09	2.6E-17
Phenanthrene			1.4E-06	1.8E-07	
Pyrene	9.4E-12	8.6E-12	3.0E-07	3.7E-08	2.4E-13
Particulate					
Particulate Total Suspended Particulate		8.1E-08	8.5E-04	1.1E-04	4.0E-12
PM<10		1.1E-07	1.1E-03	1.4E-04	5.3E-12
PM<2.5		9.2E-08	1.0E-03	1.3E-04	4.5E-12
PCBs					
Dichlorobiphenyl	3.2E-14	2.7E-14	3.7E-09	4.6E-10	2.5E-15
Heptachlorobiphenyl	3.6E-15	3.0E-15	4.9E-11	6.2E-12	1.5E-16
Hexachlorobiphenyl	1.5E-14	1.2E-14	2.0E-10	2.5E-11	6.3E-16
Monochlorobiphenyl	2.2E-13	1.9E-13	2.6E-08	3.2E-09	1.7E-14

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Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Nonachlorobiphenyl	4.6E-16	3.9E-16	5.8E-12	7.2E-13	2.0E-17
Octachlorobiphenyl	1.1E-15	9.0E-16	1.4E-11	1.8E-12	4.6E-17
Pentachlorobiphenyl	4.9E-14	4.1E-14	6.5E-10	8.1E-11	2.1E-15
Tetrachlorobiphenyl	9.6E-15	8.1E-15	1.1E-09	1.3E-10	7.6E-16
Trichlorobiphenyl	1.3E-14	1.1E-14	1.4E-09	1.7E-10	9.8E-16
SVOCs					
1,2,4-trichlorobenzene			7.5E-09	9.4E-10	
1,2-dichlorobenzene			9.7E-10	1.2E-10	
1,3-dichlorobenzene			4.9E-09	6.2E-10	
1,4-dichlorobenzene			6.8E-08	8.5E-09	
2,4-Dimethylphenol			9.1E-07	1.1E-07	
2-Chlorophenol			2.0E-07	2.5E-08	
2-Methylphenol			2.3E-06	2.9E-07	
2-Nitrophenol			3.0E-07	3.8E-08	
3-Methylphenol & 4-Methylphenol		1.3E-10	4.1E-06	5.1E-07	6.2E-15
4-Nitrophenol			4.6E-07	5.7E-08	
Acetophenone			4.7E-06	5.9E-07	
Benzoic acid			2.2E-05	2.7E-06	
Benzyl alcohol			1.1E-07	1.4E-08	
bis(2-Ethylhexyl) phthalate	1.9E-10	2.2E-10	7.0E-06	8.8E-07	1.1E-14
Butyl benzyl phthalate	1.1E-13	1.3E-13	2.4E-07	3.0E-08	6.3E-18
Carbazole		1.1E-13	1.4E-09	1.8E-10	5.6E-18

Table H-270 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibenzofuran	4.6E-15	1.8E-14	3.8E-07	4.8E-08	7.8E-15
Dimethyl phthalate			3.0E-09	3.7E-10	
Di-n-butyl phthalate	1.1E-13	1.3E-13	3.7E-07	4.6E-08	6.4E-18
Di-n-octyl phthalate	7.7E-14	9.0E-14	5.7E-09	7.1E-10	4.4E-18
Hexachlorobutadiene			3.9E-07	4.9E-08	
Phenol			1.2E-05	1.5E-06	
Pyridine			1.2E-06	1.4E-07	
TRS					
Total Reduced Sulfur			1.3E-05	1.6E-06	
VOCs					
1,1,1,2-Tetrachloroethane			4.1E-09	5.1E-10	
1,1,1-Trichloroethane			4.7E-09	5.8E-10	
1,1-Dichloroethene			2.3E-10	2.9E-11	
1,2,3-Trichlorobenzene			1.8E-08	2.3E-09	
1,2,3-Trichloropropane			9.6E-10	1.2E-10	
1,2,4-Trimethylbenzene			1.7E-07	2.1E-08	
1,2-Dibromoethane			6.1E-10	7.7E-11	
1,2-Dichloroethane			9.8E-08	1.2E-08	
1,3,5-Trimethylbenzene			1.4E-07	1.8E-08	
1,3-Dichloropropane			6.0E-10	7.4E-11	
2-Butanone			1.2E-06	1.6E-07	
2-Chlorotoluene			5.9E-08	7.3E-09	

Table H-270 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Hexanone			2.3E-07	2.8E-08	
Benzene			3.2E-05	4.0E-06	
Bromobenzene			3.3E-07	4.1E-08	
Bromochloromethane			7.8E-10	9.8E-11	
Bromodichloromethane			8.5E-10	1.1E-10	
Bromomethane			9.6E-08	1.2E-08	
Carbon disulfide			8.0E-08	1.0E-08	
Carbon tetrachloride			1.9E-09	2.4E-10	
Chlorobenzene			1.6E-07	2.0E-08	
Chlorodibromomethane			2.1E-08	2.6E-09	
Chloroethane			2.9E-07	3.6E-08	
Chloroform			2.2E-08	2.7E-09	
Chloromethane			7.9E-07	9.8E-08	
cis-1,2-Dichloroethene			3.5E-08	4.4E-09	
cis-1,3-Dichloropropene			2.2E-10	2.7E-11	
Dibromomethane			1.8E-09	2.3E-10	
Dichlorodifluoromethane			2.2E-09	2.8E-10	
Ethylbenzene			6.9E-06	8.6E-07	
Isopropylbenzene			4.8E-07	6.0E-08	
m&p-Xylene			1.1E-06	1.4E-07	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.2E-09	4.0E-10	
Methylene chloride			6.1E-07	7.7E-08	

Table H-270 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
n-Butylbenzene			1.9E-07	2.4E-08	
n-Propylbenzene			2.7E-07	3.4E-08	
o-Xylene			6.7E-07	8.4E-08	
p-Chlorotoluene			1.4E-08	1.7E-09	
p-Isopropyltoluene			6.5E-08	8.2E-09	
sec-Butylbenzene			3.6E-08	4.5E-09	
Styrene			1.7E-05	2.1E-06	
tert-Butylbenzene			4.1E-07	5.1E-08	
Tetrachloroethene			3.8E-09	4.8E-10	
Toluene			1.2E-05	1.5E-06	
trans-1,2-Dichloroethene			7.5E-07	9.4E-08	
trans-1,3-Dichloropropene			3.8E-10	4.7E-11	
Trichloroethene			6.4E-11	8.1E-12	
Trichlorofluoromethane			7.8E-10	9.7E-11	
Vinyl chloride			8.6E-08	1.1E-08	

Table H-271 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas						
Hydrogen Chloride				1.5E-02	4.8E-03	
Aldehydes						
Acetaldehyde	3.3E-14			2.5E-02	8.4E-03	
Formaldehyde	1.6E-13			9.9E-03	3.3E-03	
Propionaldehyde			2.6E-14	2.8E-03	9.3E-04	5.7E-10
CO						
Carbon monoxide				8.1E-01	2.7E-01	
CO2						
Carbon dioxide				2.4E-02	8.1E-03	
Criteria						
Sulfur Dioxide				6.0E-03	2.0E-03	
DIOXINS						
1,2,3,4,6,7,8-HpCDD	4.4E-19	8.3E-15	6.6E-14	1.6E-08	5.5E-09	9.6E-15
1,2,3,4,6,7,8-HpCDF	4.3E-19	8.3E-15	6.6E-14	1.7E-08	5.5E-09	9.7E-15
1,2,3,4,7,8,9-HpCDF	6.5E-20	1.0E-15	7.9E-15	2.2E-09	7.2E-10	1.2E-15
1,2,3,4,7,8-HxCDD	5.0E-19	9.7E-16	7.7E-15	2.0E-09	6.7E-10	1.1E-15
1,2,3,4,7,8-HxCDF	3.4E-18	7.7E-15	6.1E-14	1.6E-08	5.4E-09	8.9E-15
1,2,3,6,7,8-HxCDD	9.5E-19	2.0E-15	1.6E-14	4.2E-09	1.4E-09	2.3E-15
1,2,3,6,7,8-HxCDF	1.3E-18	2.5E-15	2.0E-14	5.3E-09	1.8E-09	3.0E-15
1,2,3,7,8,9-HxCDD	1.4E-18	3.1E-15	2.5E-14	6.4E-09	2.1E-09	3.6E-15
1,2,3,7,8,9-HxCDF	1.0E-19	1.8E-16	1.4E-15	4.1E-10	1.4E-10	2.1E-16

Table H-271 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	2.6E-18	1.1E-15	8.8E-15	2.6E-09	8.6E-10	1.3E-15
1,2,3,7,8-PeCDF	3.7E-18	1.3E-15	1.0E-14	3.7E-09	1.2E-09	1.5E-15
2,3,4,6,7,8-HxCDF	1.8E-18	3.9E-15	3.0E-14	8.1E-09	2.7E-09	4.5E-15
2,3,4,7,8-PeCDF	5.8E-18	3.1E-15	2.5E-14	8.2E-09	2.7E-09	3.7E-15
2,3,7,8-TCDD	8.9E-19	1.7E-16	1.3E-15	8.5E-10	2.8E-10	1.3E-13
2,3,7,8-TCDF	2.9E-18	4.2E-16	3.3E-15	3.8E-09	1.3E-09	4.9E-16
OCDD	5.9E-21	5.5E-15	4.4E-14	1.1E-08	3.6E-09	6.4E-15
OCDF	2.2E-21	2.1E-15	1.6E-14	4.0E-09	1.3E-09	2.4E-15
HCN						
Hydrogen cyanide				3.0E-03	1.0E-03	
Metals						
Antimony	5.6E-18			1.3E-04	4.2E-05	
Arsenic	2.9E-16	1.7E-17	8.1E-17	1.0E-05	3.4E-06	2.0E-17
Barium	7.7E-13		3.4E-08	1.6E-03	5.5E-04	5.0E-09
Beryllium	1.2E-17		1.4E-14	7.1E-07	2.4E-07	2.1E-15
Cadmium	3.0E-15		1.1E-14	1.3E-05	4.3E-06	1.6E-15
Chromium	8.7E-16		9.9E-10	1.1E-04	3.8E-05	1.5E-10
Cobalt			3.1E-09	8.7E-05	2.9E-05	4.6E-10
Copper			3.9E-09	3.0E-04	9.9E-05	5.8E-10
Lead	2.5E-18		1.4E-12	9.5E-05	3.2E-05	2.0E-13
Manganese			1.1E-11	9.2E-05	3.1E-05	1.6E-12
Mercury (+2)			3.5E-13	4.0E-07	1.3E-07	5.2E-14

Table H-271 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Mercury, elemental				1.7E-09	5.6E-10	
Methyl Mercury	3.0E-15		2.6E-14			3.9E-15
Nickel	1.2E-15		5.5E-14	5.8E-05	1.9E-05	8.1E-15
Phosphorus			9.9E-14	4.2E-04	1.4E-04	2.9E-09
Selenium	9.9E-17		5.5E-16	3.0E-06	9.9E-07	8.1E-17
Silver	7.1E-17		9.9E-12	1.8E-06	6.1E-07	1.5E-12
Titanium			1.2E-13	1.1E-06	3.7E-07	1.7E-14
Zinc	1.5E-12		2.3E-12	1.9E-03	6.4E-04	3.4E-13
NOx						
NOx (Oxides of Nitrogen)				2.5E-02	8.5E-03	
PAHs						
1-Methylnaphthalene		1.7E-15	3.2E-15	6.7E-04	2.2E-04	1.1E-11
1-Methylphenanthrene			2.1E-12	8.1E-05	2.7E-05	3.2E-13
2,3,5-Trimethylnaphthalene			1.1E-12	4.1E-05	1.4E-05	1.6E-13
2,6-Dimethylnaphthalene			2.8E-12	1.1E-04	3.5E-05	4.1E-13
2-Methylnaphthalene		1.7E-15	3.1E-15	6.5E-04	2.2E-04	1.1E-11
Acenaphthylene			9.0E-12	3.9E-04	1.3E-04	1.3E-12
Acenaphthene	1.2E-15			7.0E-05	2.3E-05	
Anthracene	1.5E-14			1.3E-04	4.2E-05	
Benzo(a)anthracene	2.2E-12	1.4E-11	2.6E-11	6.3E-05	2.1E-05	1.2E-09
Benzo(a)pyrene	1.1E-12	6.1E-12	1.1E-11	2.4E-05	8.0E-06	1.6E-12
Benzo(b)fluoranthene	3.0E-13	3.3E-13	6.0E-13	2.6E-05	8.6E-06	8.8E-14

Table H-271 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(e)pyrene			4.8E-13	2.0E-05	6.6E-06	7.0E-14
Benzo(g,h,i)perylene			3.6E-13	1.5E-05	5.2E-06	5.4E-14
Benzo(k)fluoranthene	2.4E-15	2.0E-13	3.6E-13	1.0E-07	3.4E-08	5.2E-14
Biphenyl			5.0E-14	2.3E-03	7.6E-04	8.8E-11
Chrysene	3.8E-13	1.7E-11	3.1E-11	1.0E-04	3.4E-05	4.6E-12
Dibenze(a,h)anthracene	5.5E-14	2.1E-12	3.9E-12	3.7E-06	1.2E-06	5.7E-13
Fluoranthene	9.9E-14	4.6E-13	8.4E-13	1.5E-04	5.1E-05	1.2E-13
Fluorene	2.2E-14			3.8E-04	1.3E-04	
Indeno(1,2,3-cd)pyrene	1.4E-13	5.9E-12	1.1E-11	1.2E-05	4.1E-06	1.6E-12
Napthalene	1.0E-14			3.0E-03	1.0E-03	
Perylene			2.2E-13	9.9E-06	3.3E-06	3.2E-14
Phenanthrene	1.0E-13			7.1E-04	2.4E-04	
Pyrene	7.2E-14	1.6E-12	2.9E-12	1.5E-04	4.9E-05	2.4E-10
Particulate						
Particulate Total Suspended Particulate			4.4E-08	4.4E-01	1.5E-01	6.4E-09
PM<10			5.7E-08	5.9E-01	2.0E-01	8.3E-09
PM<2.5			4.8E-08	5.1E-01	1.7E-01	7.0E-09
PCBs						
Dichlorobiphenyl	2.2E-15	4.1E-15	6.9E-15	1.9E-06	6.2E-07	1.9E-12
Heptachlorobiphenyl	8.2E-17	4.6E-16	7.8E-16	2.5E-08	8.3E-09	1.2E-13
Hexachlorobiphenyl	3.3E-16	1.9E-15	3.3E-15	1.0E-07	3.4E-08	5.0E-13
Monochlorobiphenyl	1.5E-14	2.9E-14	4.8E-14	1.3E-05	4.3E-06	1.4E-11

Table H-271 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Nonachlorobiphenyl	1.0E-17	6.5E-17	1.1E-16	3.1E-09	1.0E-09	1.7E-14
Octachlorobiphenyl	2.4E-17	1.4E-16	2.4E-16	7.4E-09	2.5E-09	3.6E-14
Pentachlorobiphenyl	1.1E-15	6.6E-15	1.1E-14	3.4E-07	1.1E-07	1.7E-12
Tetrachlorobiphenyl	6.5E-16	1.3E-15	2.2E-15	5.5E-07	1.8E-07	6.3E-13
Trichlorobiphenyl	8.5E-16	1.7E-15	2.8E-15	7.2E-07	2.4E-07	8.0E-13
SVOCs						
1,2,4-trichlorobenzene				4.2E-06	1.4E-06	
1,2-dichlorobenzene	9.8E-19			9.5E-07	3.2E-07	
1,3-dichlorobenzene	2.5E-18			2.7E-06	9.0E-07	
1,4-dichlorobenzene	3.3E-17			3.3E-05	1.1E-05	
2,4-Dimethylphenol	9.0E-16			4.6E-04	1.5E-04	
2-Chlorophenol	4.6E-17			1.0E-04	3.4E-05	
2-Methylphenol	1.9E-14			1.1E-03	3.8E-04	
2-Nitrophenol	1.1E-16			1.5E-04	5.1E-05	
3-Methylphenol & 4-Methylphenol			5.5E-11	2.0E-03	6.8E-04	8.0E-12
4-Nitrophenol	2.3E-16			2.4E-04	7.9E-05	
Acetophenone	1.4E-15			2.4E-03	7.9E-04	
Benzoic acid	5.7E-15			1.1E-02	3.6E-03	
Benzyl alcohol	3.5E-18			6.6E-05	2.2E-05	
bis(2-Ethylhexyl) phthalate	1.8E-13	4.3E-11	1.0E-10	3.6E-03	1.2E-03	1.5E-11
Butyl benzyl phthalate	6.3E-14	2.4E-14	5.6E-14	1.2E-04	4.0E-05	8.3E-15
Carbazole			9.3E-14	1.5E-06	4.9E-07	1.4E-14

Table H-271 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibenzofuran		1.0E-15	8.1E-15	1.9E-04	6.4E-05	1.0E-11
Dimethyl phthalate	2.3E-17			2.9E-06	9.6E-07	
Di-n-butyl phthalate	6.0E-13	2.4E-14	5.6E-14	1.9E-04	6.2E-05	8.3E-15
Di-n-octyl phthalate	4.5E-18	3.1E-14	7.3E-14	5.6E-06	1.9E-06	1.1E-14
Hexachlorobutadiene	2.4E-15			3.9E-04	1.3E-04	
Phenol	5.3E-14			6.1E-03	2.0E-03	
Pyridine	2.7E-15			5.8E-04	1.9E-04	
TRS						
Total Reduced Sulfur				6.2E-03	2.1E-03	
VOCs						
1,1,1,2-Tetrachloroethane	9.6E-19			2.2E-06	7.4E-07	
1,1,1-Trichloroethane	6.3E-20			2.4E-06	8.1E-07	
1,1-Dichloroethene	2.1E-21			2.3E-07	7.5E-08	
1,2,3-Trichlorobenzene	6.7E-17			9.6E-06	3.2E-06	
1,2,3-Trichloropropane	3.9E-19			9.4E-07	3.1E-07	
1,2,4-Trimethylbenzene				9.6E-05	3.2E-05	
1,2-Dibromoethane	1.3E-19			6.0E-07	2.0E-07	
1,2-Dichloroethane	4.2E-18			5.1E-05	1.7E-05	
1,3,5-Trimethylbenzene	2.2E-17			8.5E-05	2.8E-05	
1,3-Dichloropropane				5.8E-07	1.9E-07	
2-Butanone	8.7E-16			6.4E-04	2.1E-04	
2-Chlorotoluene				3.0E-05	9.9E-06	

Table H-271 (Lifetime Average Daily Dose)

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Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Hexanone				1.2E-04	4.0E-05	
Benzene	7.0E-16			1.7E-02	5.5E-03	
Bromobenzene				3.2E-04	1.1E-04	
Bromochloromethane				7.7E-07	2.6E-07	
Bromodichloromethane	1.1E-19			8.3E-07	2.8E-07	
Bromomethane	4.8E-19			5.6E-05	1.9E-05	
Carbon disulfide	4.5E-19			4.8E-05	1.6E-05	
Carbon tetrachloride	4.8E-20			1.9E-06	6.3E-07	
Chlorobenzene	1.7E-17			8.4E-05	2.8E-05	
Chlorodibromomethane	6.5E-18			2.1E-05	6.9E-06	
Chloroethane	1.3E-18			1.5E-04	5.2E-05	
Chloroform	1.0E-18			1.9E-05	6.2E-06	
Chloromethane	3.5E-18			4.6E-04	1.5E-04	
cis-1,2-Dichloroethene	1.4E-18			3.4E-05	1.1E-05	
cis-1,3-Dichloropropene				2.1E-07	7.0E-08	
Dibromomethane	1.5E-19			1.8E-06	5.9E-07	
Dichlorodifluoromethane	1.7E-21			2.2E-06	7.2E-07	
Ethylbenzene	5.3E-16			3.6E-03	1.2E-03	
Isopropylbenzene	7.0E-19			2.6E-04	8.8E-05	
m&p-Xylene	8.4E-17			6.0E-04	2.0E-04	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	8.6E-19			3.1E-06	1.0E-06	
Methylene chloride	9.3E-18			3.2E-04	1.1E-04	

Table H-271 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
n-Butylbenzene				1.1E-04	3.8E-05	
n-Propylbenzene				1.5E-04	5.0E-05	
o-Xylene	9.9E-17			3.7E-04	1.2E-04	
p-Chlorotoluene				8.1E-06	2.7E-06	
p-Isopropyltoluene				4.5E-05	1.5E-05	
sec-Butylbenzene				2.1E-05	7.0E-06	
Styrene	3.3E-15			9.1E-03	3.0E-03	
tert-Butylbenzene				4.0E-04	1.3E-04	
Tetrachloroethene	2.4E-19			2.1E-06	6.9E-07	
Toluene	5.6E-16			6.0E-03	2.0E-03	
trans-1,2-Dichloroethene	2.1E-17			7.3E-04	2.4E-04	
trans-1,3-Dichloropropene				3.7E-07	1.2E-07	
Trichloroethene	2.4E-21			6.3E-08	2.1E-08	
Trichlorofluoromethane	3.7E-21			7.6E-07	2.5E-07	
Vinyl chloride	1.7E-19			5.9E-05	2.0E-05	

Table H-272 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas						
Hydrogen Chloride				4.1E-05	1.4E-05	
Aldehydes						
Acetaldehyde	9.2E-14			7.1E-05	2.4E-05	
Formaldehyde	4.5E-13			2.8E-05	9.2E-06	
Propionaldehyde			7.2E-14	7.8E-06	2.6E-06	1.6E-12
CO						
Carbon monoxide				2.3E-03	7.6E-04	
CO2						
Carbon dioxide				6.8E-05	2.3E-05	
Criteria						
Sulfur Dioxide				1.7E-05	5.6E-06	
DIOXINS						
1,2,3,4,6,7,8-HpCDD	1.8E-18	4.0E-14	3.2E-13	4.6E-11	1.5E-11	4.7E-17
1,2,3,4,6,7,8-HpCDF	1.8E-18	4.1E-14	3.2E-13	4.6E-11	1.5E-11	4.7E-17
1,2,3,4,7,8,9-HpCDF	2.5E-19	4.9E-15	3.9E-14	6.0E-12	2.0E-12	5.7E-18
1,2,3,4,7,8-HxCDD	2.0E-18	4.7E-15	3.7E-14	5.6E-12	1.9E-12	5.5E-18
1,2,3,4,7,8-HxCDF	1.3E-17	3.8E-14	3.0E-13	4.6E-11	1.5E-11	4.4E-17
1,2,3,6,7,8-HxCDD	3.7E-18	9.7E-15	7.7E-14	1.2E-11	3.9E-12	1.1E-17
1,2,3,6,7,8-HxCDF	4.9E-18	1.2E-14	9.8E-14	1.5E-11	5.0E-12	1.4E-17
1,2,3,7,8,9-HxCDD	5.6E-18	1.5E-14	1.2E-13	1.8E-11	6.0E-12	1.8E-17
1,2,3,7,8,9-HxCDF	3.8E-19	8.9E-16	7.1E-15	1.1E-12	3.8E-13	1.0E-18

Table H-272 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	8.4E-18	5.4E-15	4.3E-14	7.2E-12	2.4E-12	6.3E-18
1,2,3,7,8-PeCDF	1.2E-17	6.4E-15	5.1E-14	1.0E-11	3.4E-12	7.4E-18
2,3,4,6,7,8-HxCDF	7.0E-18	1.9E-14	1.5E-13	2.3E-11	7.6E-12	2.2E-17
2,3,4,7,8-PeCDF	1.9E-17	1.5E-14	1.2E-13	2.3E-11	7.7E-12	1.8E-17
2,3,7,8-TCDD	2.7E-18	8.0E-16	6.3E-15	2.4E-12	7.9E-13	6.4E-16
2,3,7,8-TCDF	8.2E-18	2.0E-15	1.6E-14	1.1E-11	3.6E-12	2.4E-18
OCDD	2.5E-20	2.7E-14	2.1E-13	3.0E-11	1.0E-11	3.1E-17
OCDF	9.3E-21	1.0E-14	8.0E-14	1.1E-11	3.7E-12	1.2E-17
HCN						
Hydrogen cyanide				8.4E-06	2.8E-06	
Metals						
Antimony	1.6E-17			3.5E-07	1.2E-07	
Arsenic	8.1E-16	4.8E-17	2.3E-16	2.9E-08	9.5E-09	5.6E-20
Barium	2.7E-12		1.5E-07	4.6E-06	1.5E-06	2.2E-11
Beryllium	3.3E-17		3.9E-14	2.0E-09	6.6E-10	5.8E-18
Cadmium	8.3E-15		3.1E-14	3.6E-08	1.2E-08	4.6E-18
Chromium	2.8E-15		3.7E-09	3.2E-07	1.1E-07	5.5E-13
Cobalt			1.4E-08	2.4E-07	8.1E-08	2.1E-12
Copper			1.7E-08	8.3E-07	2.8E-07	2.5E-12
Lead	6.9E-18		3.8E-12	2.7E-07	8.9E-08	5.6E-16
Manganese			3.1E-11	2.6E-07	8.6E-08	4.5E-15
Mercury (+2)			2.0E-12	1.1E-09	3.8E-10	2.9E-16

Table H-272 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Mercury, elemental				4.7E-12	1.6E-12	
Methyl Mercury	1.3E-14		1.5E-13			2.2E-17
Nickel	3.3E-15		1.6E-13	1.6E-07	5.4E-08	2.3E-17
Phosphorus			2.8E-13	1.2E-06	3.9E-07	8.0E-12
Selenium	2.8E-16		1.6E-15	8.3E-09	2.8E-09	2.3E-19
Silver	2.1E-16		3.2E-11	5.1E-09	1.7E-09	4.7E-15
Titanium			3.2E-13	3.1E-09	1.0E-09	4.8E-17
Zinc	4.1E-12		6.5E-12	5.4E-06	1.8E-06	9.6E-16
NOx						
NOx (Oxides of Nitrogen)				7.1E-05	2.4E-05	
PAHs						
1-Methylnaphthalene		4.9E-15	8.9E-15	1.9E-06	6.2E-07	3.0E-14
1-Methylphenanthrene			6.0E-12	2.3E-07	7.5E-08	8.9E-16
2,3,5-Trimethylnaphthalene			3.0E-12	1.1E-07	3.8E-08	4.4E-16
2,6-Dimethylnaphthalene			7.9E-12	3.0E-07	9.9E-08	1.2E-15
2-Methylnaphthalene		4.7E-15	8.6E-15	1.8E-06	6.1E-07	3.0E-14
Acenaphthylene			2.5E-11	1.1E-06	3.6E-07	3.7E-15
Acenaphthene	3.4E-15			2.0E-07	6.6E-08	
Anthracene	4.3E-14			3.5E-07	1.2E-07	
Benzo(a)anthracene	6.2E-12	4.4E-11	8.0E-11	1.8E-07	5.9E-08	3.6E-12
Benzo(a)pyrene	3.1E-12	1.8E-11	3.3E-11	6.7E-08	2.2E-08	4.9E-15
Benzo(b)fluoranthene	8.3E-13	1.0E-12	1.8E-12	7.2E-08	2.4E-08	2.7E-16

Table H-272 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(e)pyrene			1.3E-12	5.6E-08	1.9E-08	2.0E-16
Benzo(g,h,i)perylene			1.0E-12	4.3E-08	1.4E-08	1.5E-16
Benzo(k)fluoranthene	7.9E-15	7.3E-13	1.3E-12	2.8E-10	9.5E-11	2.0E-16
Biphenyl			1.4E-13	6.4E-06	2.1E-06	2.5E-13
Chrysene	1.1E-12	5.6E-11	1.0E-10	2.9E-07	9.6E-08	1.5E-14
Dibenze(a,h)anthracene	1.6E-13	6.8E-12	1.2E-11	1.0E-08	3.5E-09	1.8E-15
Fluoranthene	2.8E-13	1.4E-12	2.5E-12	4.2E-07	1.4E-07	3.7E-16
Fluorene	6.1E-14			1.1E-06	3.6E-07	
Indeno(1,2,3-cd)pyrene	4.0E-13	1.8E-11	3.3E-11	3.5E-08	1.2E-08	4.9E-15
Napthalene	2.8E-14			8.4E-06	2.8E-06	
Perylene			6.2E-13	2.8E-08	9.2E-09	9.1E-17
Phenanthrene	2.9E-13			2.0E-06	6.6E-07	
Pyrene	2.0E-13	5.7E-12	1.0E-11	4.1E-07	1.4E-07	8.8E-13
Particulate						
Particulate Total Suspended Particulate			1.2E-07	1.2E-03	4.1E-04	1.8E-11
PM<10			1.6E-07	1.6E-03	5.5E-04	2.3E-11
PM<2.5			1.3E-07	1.4E-03	4.8E-04	2.0E-11
PCBs						
Dichlorobiphenyl	6.1E-15	2.0E-14	3.3E-14	5.2E-09	1.7E-09	9.3E-15
Heptachlorobiphenyl	2.3E-16	2.2E-15	3.8E-15	7.0E-11	2.3E-11	5.8E-16
Hexachlorobiphenyl	9.4E-16	9.4E-15	1.6E-14	2.8E-10	9.4E-11	2.4E-15
Monochlorobiphenyl	4.3E-14	1.4E-13	2.3E-13	3.6E-08	1.2E-08	6.5E-14

Table H-272 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Nonachlorobiphenyl	2.9E-17	3.2E-16	5.4E-16	8.7E-12	2.9E-12	8.2E-17
Octachlorobiphenyl	6.9E-17	6.9E-16	1.2E-15	2.1E-11	6.9E-12	1.8E-16
Pentachlorobiphenyl	3.1E-15	3.2E-14	5.5E-14	9.4E-10	3.1E-10	8.3E-15
Tetrachlorobiphenyl	1.8E-15	6.4E-15	1.1E-14	1.5E-09	5.1E-10	3.0E-15
Trichlorobiphenyl	2.4E-15	8.1E-15	1.4E-14	2.0E-09	6.7E-10	3.8E-15
SVOCs						
1,2,4-trichlorobenzene				1.2E-08	3.9E-09	
1,2-dichlorobenzene	2.8E-18			2.6E-09	8.8E-10	
1,3-dichlorobenzene	6.9E-18			7.5E-09	2.5E-09	
1,4-dichlorobenzene	9.2E-17			9.3E-08	3.1E-08	
2,4-Dimethylphenol	2.5E-15			1.3E-06	4.3E-07	
2-Chlorophenol	1.3E-16			2.8E-07	9.4E-08	
2-Methylphenol	5.3E-14			3.2E-06	1.1E-06	
2-Nitrophenol	3.2E-16			4.3E-07	1.4E-07	
3-Methylphenol & 4-Methylphenol			1.5E-10	5.7E-06	1.9E-06	2.3E-14
4-Nitrophenol	6.5E-16			6.6E-07	2.2E-07	
Acetophenone	3.9E-15			6.6E-06	2.2E-06	
Benzoic acid	1.6E-14			3.1E-05	1.0E-05	
Benzyl alcohol	9.8E-18			1.9E-07	6.2E-08	
bis(2-Ethylhexyl) phthalate	4.9E-13	1.2E-10	2.9E-10	1.0E-05	3.4E-06	4.2E-14
Butyl benzyl phthalate	1.8E-13	6.6E-14	1.6E-13	3.4E-07	1.1E-07	2.3E-17
Carbazole			2.6E-13	4.1E-09	1.4E-09	3.8E-17

Table H-272 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibenzofuran		2.9E-15	2.3E-14	5.4E-07	1.8E-07	2.9E-14
Dimethyl phthalate	6.5E-17			8.1E-09	2.7E-09	
Di-n-butyl phthalate	1.7E-12	6.7E-14	1.6E-13	5.2E-07	1.7E-07	2.3E-17
Di-n-octyl phthalate	1.3E-17	8.7E-14	2.1E-13	1.6E-08	5.2E-09	3.0E-17
Hexachlorobutadiene	6.7E-15			1.1E-06	3.6E-07	
Phenol	1.5E-13			1.7E-05	5.7E-06	
Pyridine	7.7E-15			1.6E-06	5.4E-07	
TRS						
Total Reduced Sulfur				1.7E-05	5.8E-06	
VOCs						
1,1,1,2-Tetrachloroethane	2.7E-18			6.2E-09	2.1E-09	
1,1,1-Trichloroethane	1.8E-19			6.8E-09	2.3E-09	
1,1-Dichloroethene	6.0E-21			6.3E-10	2.1E-10	
1,2,3-Trichlorobenzene	1.9E-16			2.7E-08	9.0E-09	
1,2,3-Trichloropropane	1.1E-18			2.6E-09	8.8E-10	
1,2,4-Trimethylbenzene				2.7E-07	9.0E-08	
1,2-Dibromoethane	3.7E-19			1.7E-09	5.6E-10	
1,2-Dichloroethane	1.2E-17			1.4E-07	4.8E-08	
1,3,5-Trimethylbenzene	6.0E-17			2.4E-07	7.9E-08	
1,3-Dichloropropane				1.6E-09	5.4E-10	
2-Butanone	2.4E-15			1.8E-06	6.0E-07	
2-Chlorotoluene				8.3E-08	2.8E-08	

Table H-272 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Hexanone				3.3E-07	1.1E-07	
Benzene	2.0E-15			4.6E-05	1.5E-05	
Bromobenzene				9.1E-07	3.0E-07	
Bromochloromethane				2.1E-09	7.1E-10	
Bromodichloromethane	3.1E-19			2.3E-09	7.7E-10	
Bromomethane	1.3E-18			1.6E-07	5.2E-08	
Carbon disulfide	1.3E-18			1.3E-07	4.4E-08	
Carbon tetrachloride	1.3E-19			5.3E-09	1.8E-09	
Chlorobenzene	4.7E-17			2.3E-07	7.8E-08	
Chlorodibromomethane	1.8E-17			5.8E-08	1.9E-08	
Chloroethane	3.7E-18			4.3E-07	1.4E-07	
Chloroform	2.8E-18			5.2E-08	1.7E-08	
Chloromethane	9.8E-18			1.3E-06	4.3E-07	
cis-1,2-Dichloroethene	3.8E-18			9.7E-08	3.2E-08	
cis-1,3-Dichloropropene				5.9E-10	2.0E-10	
Dibromomethane	4.2E-19			5.0E-09	1.7E-09	
Dichlorodifluoromethane	4.7E-21			6.0E-09	2.0E-09	
Ethylbenzene	1.5E-15			1.0E-05	3.4E-06	
Isopropylbenzene	2.0E-18			7.4E-07	2.5E-07	
m&p-Xylene	2.4E-16			1.7E-06	5.6E-07	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	2.4E-18			8.7E-09	2.9E-09	
Methylene chloride	2.6E-17			9.0E-07	3.0E-07	

Table H-272 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Va pors Outdoors (ug/m3)
n-Butylbenzene				3.2E-07	1.1E-07	
n-Propylbenzene				4.2E-07	1.4E-07	
o-Xylene	2.8E-16			1.0E-06	3.5E-07	
p-Chlorotoluene				2.3E-08	7.6E-09	
p-Isopropyltoluene				1.3E-07	4.2E-08	
sec-Butylbenzene				5.9E-08	2.0E-08	
Styrene	9.4E-15			2.5E-05	8.5E-06	
tert-Butylbenzene				1.1E-06	3.7E-07	
Tetrachloroethene	6.6E-19			5.8E-09	1.9E-09	
Toluene	1.6E-15			1.7E-05	5.6E-06	
trans-1,2-Dichloroethene	5.9E-17			2.1E-06	6.9E-07	
trans-1,3-Dichloropropene				1.0E-09	3.4E-10	
Trichloroethene	6.8E-21			1.8E-10	5.9E-11	
Trichlorofluoromethane	1.0E-20			2.1E-09	7.1E-10	
Vinyl chloride	4.8E-19			1.6E-07	5.5E-08	

Table H-273 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			3.6E-05	4.5E-06	
Aldehydes					
Acetaldehyde			6.2E-05	7.8E-06	
Formaldehyde			2.4E-01	3.3E-06	
Propionaldehyde		9.6E-17	6.8E-06	8.5E-07	7.2E-13
CO					
Carbon monoxide			1.9E-03	2.4E-04	
CO2					
Carbon dioxide			6.0E-05	7.5E-06	
Criteria					
Sulfur Dioxide			1.6E-05	2.0E-06	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	5.3E-17	2.1E-16	3.6E-11	4.5E-12	1.0E-17
1,2,3,4,6,7,8-HpCDF	5.4E-17	2.1E-16	3.7E-11	4.6E-12	1.0E-17
1,2,3,4,7,8,9-HpCDF	6.2E-18	2.4E-17	4.7E-12	5.8E-13	1.2E-18
1,2,3,4,7,8-HxCDD	6.1E-18	2.4E-17	4.4E-12	5.4E-13	1.2E-18
1,2,3,4,7,8-HxCDF	4.8E-17	1.9E-16	3.5E-11	4.4E-12	9.3E-18
1,2,3,6,7,8-HxCDD	1.2E-17	4.9E-17	9.2E-12	1.1E-12	2.4E-18
1,2,3,6,7,8-HxCDF	1.6E-17	6.2E-17	1.1E-11	1.4E-12	3.0E-18
1,2,3,7,8,9-HxCDD	1.9E-17	7.7E-17	1.4E-11	1.7E-12	3.8E-18
1,2,3,7,8,9-HxCDF	1.1E-18	4.4E-18	8.8E-13	1.1E-13	2.2E-19

Table H-273 (Lifetime Average Daily Dose)

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Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	6.8E-18	2.7E-17	5.5E-12	6.9E-13	1.3E-18
1,2,3,7,8-PeCDF	8.0E-18	3.2E-17	7.9E-12	9.9E-13	1.6E-18
2,3,4,6,7,8-HxCDF	2.5E-17	9.7E-17	1.8E-11	2.2E-12	4.7E-18
2,3,4,7,8-PeCDF	1.9E-17	7.6E-17	1.8E-11	2.2E-12	3.7E-18
2,3,7,8-TCDD	1.4E-18	5.5E-18	2.2E-12	2.8E-13	1.9E-16
2,3,7,8-TCDF	2.5E-18	1.0E-17	8.2E-12	1.0E-12	4.9E-19
OCDD	3.6E-17	1.4E-16	2.4E-11	3.0E-12	7.0E-18
OCDF	1.4E-17	5.5E-17	9.1E-12	1.1E-12	2.7E-18
DNT					
2,4-Dinitrotoluene	1.7E-08	2.0E-08			1.0E-09
2,6-Dinitrotoluene	2.7E-08	3.3E-08			1.6E-09
HCN					
Hydrogen cyanide			6.8E-06	8.5E-07	
Metals					
Aluminum		3.4E-04			1.7E-05
Antimony		1.3E-08	4.5E-07	5.6E-08	6.4E-10
Arsenic	2.6E-08	6.1E-08	2.5E-08	3.2E-09	4.9E-09
Barium		1.2E-10	5.4E-06	6.7E-07	5.7E-12
Beryllium		4.5E-17	1.8E-09	2.3E-10	2.2E-18
Cadmium		3.5E-17	3.2E-08	4.1E-09	1.7E-18
Chromium		3.0E-12	2.8E-07	3.5E-08	1.5E-13
Cobalt		8.3E-07	4.2E-07	5.3E-08	4.1E-08

Table H-273 (Lifetime Average Daily Dose)

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Copper		1.2E-11	7.6E-07	9.5E-08	6.1E-13
Iron		7.3E-04			3.6E-05
Lead		4.4E-06	2.6E-07	3.2E-08	2.2E-07
Manganese		3.4E-14	2.3E-07	2.9E-08	1.7E-15
Mercury (+2)		1.4E-15	1.0E-09	1.3E-10	6.7E-17
Mercury, elemental		6.4E-10	4.2E-12	5.3E-13	1.2E-06
Methyl Mercury		8.2E-17			4.0E-18
Nickel		1.7E-05	1.5E-07	1.9E-08	8.5E-07
Phosphorus		3.2E-16	1.1E-06	1.4E-07	3.1E-12
Selenium		1.7E-18	7.5E-09	9.3E-10	8.5E-20
Silver		3.2E-14	4.9E-09	6.1E-10	1.6E-15
Thallium (Soluble Salts)		4.6E-09			2.2E-10
Titanium		3.4E-16	2.6E-09	3.3E-10	1.7E-17
Zinc		7.9E-15	5.9E-06	7.3E-07	3.9E-16
NOx					
NOx (Oxides of Nitrogen)			6.7E-05	8.4E-06	
PAHs					
1-Methylnaphthalene	1.0E-17	9.3E-18	1.4E-06	1.8E-07	1.1E-14
1-Methylphenanthrene		6.2E-15	1.7E-07	2.1E-08	3.0E-16
2,3,5-Trimethylnaphthalene		2.9E-15	8.4E-08	1.0E-08	1.4E-16
2,6-Dimethylnaphthalene		8.0E-15	2.2E-07	2.8E-08	3.9E-16
2-Methylnaphthalene	9.9E-18	9.0E-18	1.4E-06	1.7E-07	1.0E-14

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Exposure Scenario	Camp Justice
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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acenaphthylene		2.6E-14	8.1E-07	1.0E-07	1.3E-15
Acenaphthene			1.5E-07	1.9E-08	
Anthracene			2.6E-07	3.2E-08	
Benzo(a)anthracene	6.7E-09	6.1E-09	1.3E-07	1.6E-08	9.2E-08
Benzo(a)pyrene	1.1E-08	1.0E-08	5.0E-08	6.3E-09	5.0E-10
Benzo(b)fluoranthene	2.4E-08	2.2E-08	5.6E-08	7.0E-09	1.1E-09
Benzo(e)pyrene		1.5E-15	4.3E-08	5.4E-09	7.2E-17
Benzo(g,h,i)perylene		1.1E-15	3.3E-08	4.1E-09	5.3E-17
Benzo(k)fluoranthene	1.6E-09	1.4E-09	5.0E-10	6.2E-11	6.9E-11
Biphenyl		1.4E-16	4.8E-06	6.0E-07	8.4E-14
Chrysene	9.7E-09	8.8E-09	2.2E-07	2.7E-08	4.3E-10
Dibenze(a,h)anthracene	4.2E-10	3.9E-10	8.0E-09	9.9E-10	1.9E-11
Fluoranthene	2.7E-15	2.5E-15	3.2E-07	4.0E-08	1.2E-16
Fluorene			8.0E-07	1.0E-07	
Indeno(1,2,3-cd)pyrene	6.1E-09	5.5E-09	2.6E-08	3.3E-09	2.7E-10
Napthalene			6.4E-06	8.0E-07	
Perylene		5.6E-16	2.0E-08	2.5E-09	2.8E-17
Phenanthrene			1.5E-06	1.9E-07	
Pyrene	9.2E-15	8.3E-15	3.1E-07	3.9E-08	2.3E-13
Particulate					
Particulate Total Suspended Particulate		1.3E-10	1.0E-03	1.3E-04	6.3E-12
PM<10		1.6E-10	1.3E-03	1.7E-04	8.0E-12

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
PM<2.5		1.4E-10	1.1E-03	1.4E-04	6.7E-12
PCBs					
Dichlorobiphenyl	2.5E-17	2.1E-17	4.0E-09	5.0E-10	1.9E-15
Heptachlorobiphenyl	2.9E-18	2.4E-18	5.4E-11	6.8E-12	1.2E-16
Hexachlorobiphenyl	1.3E-17	1.1E-17	2.3E-10	2.9E-11	5.6E-16
Monochlorobiphenyl	1.7E-16	1.4E-16	2.8E-08	3.5E-09	1.4E-14
Nonachlorobiphenyl	5.1E-19	4.3E-19	7.7E-12	9.6E-13	2.2E-17
Octachlorobiphenyl	9.3E-19	7.8E-19	1.7E-11	2.1E-12	4.0E-17
Pentachlorobiphenyl	4.7E-17	3.9E-17	7.8E-10	9.8E-11	2.0E-15
Tetrachlorobiphenyl	9.4E-18	8.0E-18	1.3E-09	1.6E-10	7.4E-16
Trichlorobiphenyl	1.1E-17	9.6E-18	1.6E-09	2.0E-10	8.9E-16
Pesticides					
DDE		2.2E-09			7.0E-08
SVOCs					
1,2,4-trichlorobenzene			1.2E-08	1.4E-09	
1,2-dichlorobenzene			4.7E-09	5.8E-10	
1,3-Butadiene			1.4E-03		
1,3-dichlorobenzene			7.0E-09	8.7E-10	
1,4-dichlorobenzene			6.5E-08	8.1E-09	
1,4-Dioxane			3.1E-03		
2,4-Dimethylphenol			1.0E-06	1.3E-07	
2-Chlorophenol			2.0E-07	2.5E-08	

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Methylphenol			2.4E-06	3.0E-07	
2-Nitrophenol			3.2E-07	4.0E-08	
3-Methylphenol & 4-Methylphenol		1.6E-13	4.3E-06	5.4E-07	7.7E-15
4-Nitrophenol			5.4E-07	6.7E-08	
Acetophenone			5.1E-06	6.4E-07	
Benzoic acid			2.3E-05	2.9E-06	
Benzyl alcohol			1.9E-07	2.4E-08	
bis(2-Ethylhexyl) phthalate	2.9E-13	3.4E-13	8.1E-06	1.0E-06	1.7E-14
Butyl benzyl phthalate	1.4E-16	1.6E-16	2.6E-07	3.2E-08	8.1E-18
Carbazole		6.0E-16	7.2E-09	9.0E-10	2.9E-17
Dibenzofuran	6.2E-18	2.4E-17	4.1E-07	5.1E-08	1.0E-14
Dimethyl phthalate			1.4E-08	1.8E-09	
Di-n-butyl phthalate	1.4E-16	1.6E-16	3.9E-07	4.9E-08	8.1E-18
Di-n-octyl phthalate	4.0E-16	4.8E-16	2.8E-08	3.4E-09	2.3E-17
Hexachlorobutadiene			1.9E-06	2.4E-07	
Isopropanol			3.5E-02		
Phenol			1.3E-05	1.6E-06	
Pyridine			1.2E-06	1.5E-07	
TRS					
Total Reduced Sulfur			1.2E-05	1.6E-06	
VOCs					
1,1,1,2-Tetrachloroethane			5.8E-09	7.2E-10	

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,1,1-Trichloroethane			5.7E-09	7.1E-10	
1,1-Dichloroethene			1.1E-09	1.4E-10	
1,2,3-Trichlorobenzene			2.3E-08	2.9E-09	
1,2,3-Trichloropropane			4.6E-09	5.8E-10	
1,2,4-Trimethylbenzene			2.7E-07	3.3E-08	
1,2-Dibromoethane			3.0E-09	3.7E-10	
1,2-Dichloroethane			1.5E-03	4.3E-05	
1,3,5-Trimethylbenzene			2.5E-07	3.1E-08	
1,3-Dichloropropane			2.9E-09	3.6E-10	
2-Butanone			1.4E-06	1.8E-07	
2-Chlorotoluene			6.3E-08	7.9E-09	
2-Hexanone			2.9E-07	3.6E-08	
Benzene			3.6E-03	4.2E-04	
Bromobenzene			1.6E-06	2.0E-07	
Bromochloromethane			3.8E-09	4.7E-10	
Bromodichloromethane			4.1E-09	5.1E-10	
Bromomethane			1.6E-07	2.0E-08	
Carbon disulfide			1.4E-07	1.8E-08	
Carbon tetrachloride			6.4E-03	6.6E-04	
Chlorobenzene			2.1E-07	2.6E-08	
Chlorodibromomethane			1.0E-07	1.3E-08	
Chloroethane			3.9E-07	4.9E-08	

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Chloroform			1.1E-03	1.0E-04	
Chloromethane			1.3E-06	1.7E-07	
cis-1,2-Dichloroethene			1.7E-07	2.1E-08	
cis-1,3-Dichloropropene			1.0E-09	1.3E-10	
Dibromomethane			8.7E-09	1.1E-09	
Dichlorodifluoromethane			1.1E-08	1.3E-09	
Ethylbenzene			4.1E-03	1.0E-06	
Isopropylbenzene			6.8E-07	8.4E-08	
m&p-Xylene			1.6E-06	2.0E-07	
Methyl Isobutyl Ketone (4-methyl-2-penta			1.5E-08	1.9E-09	
Methylene chloride			7.7E-07	9.7E-08	
n-Butylbenzene			3.3E-07	4.2E-08	
n-Propylbenzene			4.0E-07	5.0E-08	
o-Xylene			9.8E-07	1.2E-07	
p-Chlorotoluene			2.4E-08	3.0E-09	
p-Isopropyltoluene			1.6E-07	2.1E-08	
sec-Butylbenzene			6.1E-08	7.6E-09	
Styrene			2.2E-05	2.7E-06	
tert-Butylbenzene			2.0E-06	2.4E-07	
Tetrachloroethene			5.2E-09	6.5E-10	
Toluene			1.4E-05	1.7E-06	
trans-1,2-Dichloroethene			3.6E-06	4.5E-07	

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
trans-1,3-Dichloropropene			1.8E-09	2.3E-10	
Trichloroethene			2.0E-04	3.9E-11	
Trichlorofluoromethane			3.7E-09	4.7E-10	
Vinyl chloride			2.1E-07	2.7E-08	

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Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			8.4E-07	1.0E-07	
Aldehydes					
Acetaldehyde			1.4E-06	1.8E-07	
Formaldehyde			5.7E-03	7.7E-08	
Propionaldehyde		2.2E-15	1.6E-07	2.0E-08	1.7E-14
CO					
Carbon monoxide			4.5E-05	5.6E-06	
CO2					
Carbon dioxide			1.4E-06	1.8E-07	
Criteria					
Sulfur Dioxide			3.8E-07	4.7E-08	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	2.2E-15	8.5E-15	8.5E-13	1.1E-13	4.2E-19
1,2,3,4,6,7,8-HpCDF	2.2E-15	8.6E-15	8.6E-13	1.1E-13	4.2E-19
1,2,3,4,7,8,9-HpCDF	2.5E-16	9.9E-16	1.1E-13	1.4E-14	4.8E-20
1,2,3,4,7,8-HxCDD	2.5E-16	9.7E-16	1.0E-13	1.3E-14	4.7E-20
1,2,3,4,7,8-HxCDF	2.0E-15	7.7E-15	8.3E-13	1.0E-13	3.8E-19
1,2,3,6,7,8-HxCDD	5.0E-16	2.0E-15	2.1E-13	2.7E-14	9.7E-20
1,2,3,6,7,8-HxCDF	6.4E-16	2.5E-15	2.7E-13	3.4E-14	1.2E-19
1,2,3,7,8,9-HxCDD	7.9E-16	3.1E-15	3.2E-13	4.1E-14	1.5E-19
1,2,3,7,8,9-HxCDF	4.6E-17	1.8E-16	2.1E-14	2.6E-15	8.8E-21

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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	2.8E-16	1.1E-15	1.3E-13	1.6E-14	5.4E-20
1,2,3,7,8-PeCDF	3.3E-16	1.3E-15	1.8E-13	2.3E-14	6.3E-20
2,3,4,6,7,8-HxCDF	1.0E-15	3.9E-15	4.2E-13	5.2E-14	1.9E-19
2,3,4,7,8-PeCDF	7.8E-16	3.1E-15	4.1E-13	5.2E-14	1.5E-19
2,3,7,8-TCDD	5.5E-17	2.2E-16	5.2E-14	6.5E-15	7.4E-18
2,3,7,8-TCDF	1.0E-16	4.0E-16	1.9E-13	2.4E-14	2.0E-20
OCDD	1.5E-15	5.8E-15	5.6E-13	7.0E-14	2.8E-19
OCDF	5.7E-16	2.2E-15	2.1E-13	2.6E-14	1.1E-19
DNT					
2,4-Dinitrotoluene	4.0E-07	4.7E-07			2.3E-11
2,6-Dinitrotoluene	6.4E-07	7.6E-07			3.7E-11
HCN					
Hydrogen cyanide			1.6E-07	2.0E-08	
Metals					
Aluminum		7.9E-03			3.9E-07
Antimony		3.0E-07	1.0E-08	1.3E-09	1.5E-11
Arsenic	6.0E-07	1.4E-06	5.9E-10	7.4E-11	1.2E-10
Barium		4.4E-09	1.3E-07	1.6E-08	2.1E-13
Beryllium		1.0E-15	4.3E-11	5.4E-12	5.1E-20
Cadmium		8.2E-16	7.6E-10	9.5E-11	4.0E-20
Chromium		9.6E-11	6.5E-09	8.1E-10	4.7E-15
Cobalt		1.9E-05	9.8E-09	1.2E-09	9.5E-10

Table H-274 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Copper		4.5E-10	1.8E-08	2.2E-09	2.2E-14
Iron		1.7E-02			8.3E-07
Lead		1.0E-04	6.0E-09	7.5E-10	5.0E-09
Manganese		8.0E-13	5.5E-09	6.8E-10	3.9E-17
Mercury (+2)		6.4E-14	2.4E-11	2.9E-12	3.1E-18
Mercury, elemental		1.5E-08	9.8E-14	1.2E-14	2.9E-08
Methyl Mercury		3.8E-15			1.9E-19
Nickel		4.0E-04	3.5E-09	4.3E-10	2.0E-08
Phosphorus		7.5E-15	2.6E-08	3.3E-09	7.2E-14
Selenium		4.0E-17	1.7E-10	2.2E-11	2.0E-21
Silver		8.5E-13	1.1E-10	1.4E-11	4.2E-17
Thallium (Soluble Salts)		1.1E-07			5.2E-12
Titanium		8.0E-15	6.1E-11	7.6E-12	3.9E-19
Zinc		1.8E-13	1.4E-07	1.7E-08	9.0E-18
NOx					
NOx (Oxides of Nitrogen)			1.6E-06	2.0E-07	
PAHs					
1-Methylnaphthalene	2.4E-16	2.2E-16	3.3E-08	4.1E-09	2.5E-16
1-Methylphenanthrene		1.5E-13	3.9E-09	4.9E-10	7.1E-18
2,3,5-Trimethylnaphthalene		6.8E-14	1.9E-09	2.4E-10	3.3E-18
2,6-Dimethylnaphthalene		1.9E-13	5.1E-09	6.4E-10	9.1E-18
2-Methylnaphthalene	2.3E-16	2.1E-16	3.2E-08	4.0E-09	2.4E-16

Table H-274 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acenaphthylene		6.0E-13	1.9E-08	2.4E-09	2.9E-17
Acenaphthene			3.5E-09	4.3E-10	
Anthracene			6.1E-09	7.6E-10	
Benzo(a)anthracene	1.6E-07	1.4E-07	3.0E-09	3.7E-10	2.1E-09
Benzo(a)pyrene	2.6E-07	2.4E-07	1.2E-09	1.5E-10	1.2E-11
Benzo(b)fluoranthene	5.7E-07	5.1E-07	1.3E-09	1.6E-10	2.5E-11
Benzo(e)pyrene		3.4E-14	1.0E-09	1.3E-10	1.7E-18
Benzo(g,h,i)perylene		2.5E-14	7.7E-10	9.6E-11	1.2E-18
Benzo(k)fluoranthene	3.6E-08	3.3E-08	1.2E-11	1.5E-12	1.6E-12
Biphenyl		3.3E-15	1.1E-07	1.4E-08	2.0E-15
Chrysene	2.3E-07	2.1E-07	5.1E-09	6.4E-10	1.0E-11
Dibenze(a,h)anthracene	9.9E-09	9.0E-09	1.9E-10	2.3E-11	4.4E-13
Fluoranthene	6.8E-14	6.1E-14	7.5E-09	9.4E-10	3.0E-18
Fluorene			1.9E-08	2.3E-09	
Indeno(1,2,3-cd)pyrene	1.4E-07	1.3E-07	6.2E-10	7.7E-11	6.3E-12
Napthalene			1.5E-07	1.9E-08	
Perylene		1.3E-14	4.6E-10	5.8E-11	6.5E-19
Phenanthrene			3.5E-08	4.4E-09	
Pyrene	2.8E-13	2.5E-13	7.3E-09	9.1E-10	7.1E-15
Particulate					
Particulate Total Suspended Particulate		3.0E-09	2.3E-05	2.9E-06	1.5E-13
PM<10		3.8E-09	3.1E-05	3.9E-06	1.9E-13

Table H-274 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
PM<2.5		3.2E-09	2.6E-05	3.3E-06	1.6E-13
PCBs					
Dichlorobiphenyl	9.9E-16	8.3E-16	9.3E-11	1.2E-11	7.8E-17
Heptachlorobiphenyl	1.2E-16	9.8E-17	1.3E-12	1.6E-13	5.0E-18
Hexachlorobiphenyl	5.2E-16	4.4E-16	5.3E-12	6.7E-13	2.3E-17
Monochlorobiphenyl	6.9E-15	5.8E-15	6.5E-10	8.1E-11	5.4E-16
Nonachlorobiphenyl	2.0E-17	1.7E-17	1.8E-13	2.2E-14	8.8E-19
Octachlorobiphenyl	3.8E-17	3.2E-17	3.9E-13	4.9E-14	1.6E-18
Pentachlorobiphenyl	1.9E-15	1.6E-15	1.8E-11	2.3E-12	8.1E-17
Tetrachlorobiphenyl	3.8E-16	3.2E-16	3.0E-11	3.8E-12	3.0E-17
Trichlorobiphenyl	4.5E-16	3.8E-16	3.8E-11	4.8E-12	3.6E-17
Pesticides					
DDE		5.1E-08			1.6E-09
SVOCs					
1,2,4-trichlorobenzene			2.7E-10	3.4E-11	
1,2-dichlorobenzene			1.1E-10	1.4E-11	
1,3-Butadiene			3.2E-05		
1,3-dichlorobenzene			1.6E-10	2.0E-11	
1,4-dichlorobenzene			1.5E-09	1.9E-10	
1,4-Dioxane			7.3E-05		
2,4-Dimethylphenol			2.4E-08	3.0E-09	
2-Chlorophenol			4.7E-09	5.9E-10	

Table H-274 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Methylphenol			5.6E-08	7.0E-09	
2-Nitrophenol			7.6E-09	9.4E-10	
3-Methylphenol & 4-Methylphenol		3.7E-12	1.0E-07	1.3E-08	1.8E-16
4-Nitrophenol			1.3E-08	1.6E-09	
Acetophenone			1.2E-07	1.5E-08	
Benzoic acid			5.4E-07	6.7E-08	
Benzyl alcohol			4.5E-09	5.6E-10	
bis(2-Ethylhexyl) phthalate	6.7E-12	8.0E-12	1.9E-07	2.4E-08	3.9E-16
Butyl benzyl phthalate	3.3E-15	3.8E-15	6.0E-09	7.5E-10	1.9E-19
Carbazole		1.4E-14	1.7E-10	2.1E-11	6.9E-19
Dibenzofuran	1.4E-16	5.7E-16	9.5E-09	1.2E-09	2.4E-16
Dimethyl phthalate			3.3E-10	4.2E-11	
Di-n-butyl phthalate	3.3E-15	3.9E-15	9.2E-09	1.1E-09	1.9E-19
Di-n-octyl phthalate	9.4E-15	1.1E-14	6.4E-10	8.0E-11	5.5E-19
Hexachlorobutadiene			4.4E-08	5.5E-09	
Isopropanol			8.2E-04		
Phenol			3.0E-07	3.8E-08	
Pyridine			2.9E-08	3.6E-09	
TRS					
Total Reduced Sulfur			2.9E-07	3.6E-08	
VOCs					
1,1,1,2-Tetrachloroethane			1.3E-10	1.7E-11	

Table H-274 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,1,1-Trichloroethane			1.3E-10	1.7E-11	
1,1-Dichloroethene			2.6E-11	3.2E-12	
1,2,3-Trichlorobenzene			5.3E-10	6.7E-11	
1,2,3-Trichloropropane			1.1E-10	1.4E-11	
1,2,4-Trimethylbenzene			6.2E-09	7.8E-10	
1,2-Dibromoethane			6.9E-11	8.6E-12	
1,2-Dichloroethane			3.4E-05	1.0E-06	
1,3,5-Trimethylbenzene			5.9E-09	7.3E-10	
1,3-Dichloropropane			6.7E-11	8.4E-12	
2-Butanone			3.3E-08	4.1E-09	
2-Chlorotoluene			1.5E-09	1.8E-10	
2-Hexanone			6.8E-09	8.4E-10	
Benzene			8.4E-05	9.7E-06	
Bromobenzene			3.7E-08	4.7E-09	
Bromochloromethane			8.8E-11	1.1E-11	
Bromodichloromethane			9.5E-11	1.2E-11	
Bromomethane			3.8E-09	4.8E-10	
Carbon disulfide			3.3E-09	4.2E-10	
Carbon tetrachloride			1.5E-04	1.5E-05	
Chlorobenzene			4.8E-09	6.0E-10	
Chlorodibromomethane			2.4E-09	3.0E-10	
Chloroethane			9.1E-09	1.1E-09	

Table H-274 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Chloroform			2.5E-05	2.4E-06	
Chloromethane			3.1E-08	3.9E-09	
cis-1,2-Dichloroethene			4.0E-09	5.0E-10	
cis-1,3-Dichloropropene			2.4E-11	3.0E-12	
Dibromomethane			2.0E-10	2.5E-11	
Dichlorodifluoromethane			2.5E-10	3.1E-11	
Ethylbenzene			9.6E-05	2.4E-08	
Isopropylbenzene			1.6E-08	2.0E-09	
m&p-Xylene			3.6E-08	4.6E-09	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.6E-10	4.5E-11	
Methylene chloride			1.8E-08	2.3E-09	
n-Butylbenzene			7.8E-09	9.7E-10	
n-Propylbenzene			9.4E-09	1.2E-09	
o-Xylene			2.3E-08	2.9E-09	
p-Chlorotoluene			5.5E-10	6.9E-11	
p-Isopropyltoluene			3.8E-09	4.8E-10	
sec-Butylbenzene			1.4E-09	1.8E-10	
Styrene			5.1E-07	6.4E-08	
tert-Butylbenzene			4.6E-08	5.7E-09	
Tetrachloroethene			1.2E-10	1.5E-11	
Toluene			3.2E-07	3.9E-08	
trans-1,2-Dichloroethene			8.4E-08	1.1E-08	

Table H-274 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
trans-1,3-Dichloropropene			4.2E-11	5.3E-12	
Trichloroethene			4.6E-06	9.1E-13	
Trichlorofluoromethane			8.7E-11	1.1E-11	
Vinyl chloride			5.0E-09	6.2E-10	

Table H-275 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.6E-05	8.3E-05	4.5E-06	4.5E-06		
Aldehydes											
Acetaldehyde	3.9E-15					6.2E-05	1.4E-04	7.8E-06	7.8E-06		
Formaldehyde	1.9E-14					2.4E-01	6.1E-05	3.3E-06	3.3E-06		
Propionaldehyde				9.6E-17	2.7E-16	6.8E-06	1.6E-05	8.5E-07	8.5E-07	7.2E-13	4.4E-12
CO											
Carbon monoxide						1.9E-03	4.4E-03	2.4E-04	2.4E-04		
CO2											
Carbon dioxide						6.0E-05	1.4E-04	7.5E-06	7.5E-06		
Criteria											
Sulfur Dioxide						1.6E-05	3.7E-05	2.0E-06	2.0E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	5.3E-20	5.3E-17	7.4E-17	2.1E-16	5.9E-16	3.6E-11	8.4E-11	4.5E-12	4.5E-12	1.0E-17	6.3E-17
1,2,3,4,6,7,8-HpCDF	5.1E-20	5.4E-17	7.5E-17	2.1E-16	5.9E-16	3.7E-11	8.5E-11	4.6E-12	4.6E-12	1.0E-17	6.4E-17
1,2,3,4,7,8,9-HpCDF	7.8E-21	6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.7E-12	1.1E-11	5.8E-13	5.8E-13	1.2E-18	7.4E-18
1,2,3,4,7,8-HxCDD	6.0E-20	6.1E-18	8.5E-18	2.4E-17	6.7E-17	4.4E-12	1.0E-11	5.4E-13	5.4E-13	1.2E-18	7.2E-18
1,2,3,4,7,8-HxCDF	4.1E-19	4.8E-17	6.7E-17	1.9E-16	5.3E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	9.3E-18	5.7E-17
1,2,3,6,7,8-HxCDD	1.1E-19	1.2E-17	1.7E-17	4.9E-17	1.4E-16	9.2E-12	2.1E-11	1.1E-12	1.1E-12	2.4E-18	1.5E-17
1,2,3,6,7,8-HxCDF	1.5E-19	1.6E-17	2.2E-17	6.2E-17	1.7E-16	1.1E-11	2.7E-11	1.4E-12	1.4E-12	3.0E-18	1.9E-17
1,2,3,7,8,9-HxCDD	1.7E-19	1.9E-17	2.7E-17	7.7E-17	2.1E-16	1.4E-11	3.2E-11	1.7E-12	1.7E-12	3.8E-18	2.3E-17
1,2,3,7,8,9-HxCDF	1.2E-20	1.1E-18	1.6E-18	4.4E-18	1.2E-17	8.8E-13	2.0E-12	1.1E-13	1.1E-13	2.2E-19	1.3E-18
1,2,3,7,8-PeCDD	3.2E-19	6.8E-18	9.6E-18	2.7E-17	7.6E-17	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.3E-18	8.1E-18
1,2,3,7,8-PeCDF	4.4E-19	8.0E-18	1.1E-17	3.2E-17	8.9E-17	7.9E-12	1.8E-11	9.9E-13	9.9E-13	1.6E-18	9.6E-18

Table H-275 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	2.2E-19	2.5E-17	3.4E-17	9.7E-17	2.7E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	4.7E-18	2.9E-17
2,3,4,7,8-PeCDF	7.0E-19	1.9E-17	2.7E-17	7.6E-17	2.1E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	3.7E-18	2.3E-17
2,3,7,8-TCDD	1.1E-19	1.4E-18	1.9E-18	5.5E-18	1.5E-17	2.2E-12	5.1E-12	2.8E-13	2.8E-13	1.9E-16	1.1E-15
2,3,7,8-TCDF	3.4E-19	2.5E-18	3.5E-18	1.0E-17	2.8E-17	8.2E-12	1.9E-11	1.0E-12	1.0E-12	4.9E-19	3.0E-18
OCDD	7.1E-22	3.6E-17	5.0E-17	1.4E-16	4.0E-16	2.4E-11	5.6E-11	3.0E-12	3.0E-12	7.0E-18	4.3E-17
OCDF	2.6E-22	1.4E-17	1.9E-17	5.5E-17	1.5E-16	9.1E-12	2.1E-11	1.1E-12	1.1E-12	2.7E-18	1.7E-17
DNT											
2,4-Dinitrotoluene		1.7E-08		2.0E-08						1.0E-09	
2,6-Dinitrotoluene		2.7E-08		3.3E-08						1.6E-09	
HCN											
Hydrogen cyanide						6.8E-06	1.6E-05	8.5E-07	8.5E-07		
Metals											
Aluminum				3.4E-04	8.4E-04					1.7E-05	9.1E-05
Antimony	6.7E-19			1.3E-08	6.2E-08	4.5E-07	1.0E-06	5.6E-08	5.6E-08	6.4E-10	6.6E-09
Arsenic	3.5E-17	2.6E-08	9.8E-09	6.1E-08	4.7E-08	2.5E-08	5.9E-08	3.2E-09	3.2E-09	4.9E-09	8.4E-09
Barium	9.3E-14			1.2E-10	3.3E-10	5.4E-06	1.2E-05	6.7E-07	6.7E-07	5.7E-12	3.5E-11
Beryllium	1.4E-18			4.5E-17	1.3E-16	1.8E-09	4.3E-09	2.3E-10	2.3E-10	2.2E-18	1.4E-17
Cadmium	3.6E-16			3.5E-17	9.8E-17	3.2E-08	7.5E-08	4.1E-09	4.1E-09	1.7E-18	1.1E-17
Chromium	1.0E-16			3.0E-12	8.5E-12	2.8E-07	6.4E-07	3.5E-08	3.5E-08	1.5E-13	9.2E-13
Cobalt				8.3E-07	1.6E-06	4.2E-07	9.7E-07	5.3E-08	5.3E-08	4.1E-08	1.7E-07
Copper				1.2E-11	3.5E-11	7.6E-07	1.8E-06	9.5E-08	9.5E-08	6.1E-13	3.8E-12
Iron				7.3E-04	1.6E-03					3.6E-05	1.7E-04
Lead	3.0E-19			4.4E-06	9.8E-06	2.6E-07	5.9E-07	3.2E-08	3.2E-08	2.2E-07	1.1E-06
Manganese				3.4E-14	9.6E-14	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.7E-15	1.0E-14

Table H-275 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				1.4E-15	3.9E-15	1.0E-09	2.3E-09	1.3E-10	1.3E-10	6.7E-17	4.2E-16
Mercury, elemental				6.4E-10	1.9E-09	4.2E-12	9.7E-12	5.3E-13	5.3E-13	1.2E-06	7.6E-06
Methyl Mercury	3.6E-16			8.2E-17	2.3E-16					4.0E-18	2.5E-17
Nickel	1.4E-16			1.7E-05	3.0E-05	1.5E-07	3.4E-07	1.9E-08	1.9E-08	8.5E-07	3.3E-06
Phosphorus				3.2E-16	9.0E-16	1.1E-06	2.6E-06	1.4E-07	1.4E-07	3.1E-12	1.9E-11
Selenium	1.2E-17			1.7E-18	4.8E-18	7.5E-09	1.7E-08	9.3E-10	9.3E-10	8.5E-20	5.2E-19
Silver	8.6E-18			3.2E-14	8.9E-14	4.9E-09	1.1E-08	6.1E-10	6.1E-10	1.6E-15	9.6E-15
Thallium (Soluble Salts)				4.6E-09	7.2E-09					2.2E-10	7.8E-10
Titanium				3.4E-16	9.6E-16	2.6E-09	6.0E-09	3.3E-10	3.3E-10	1.7E-17	1.0E-16
Zinc	1.8E-13			7.9E-15	2.2E-14	5.9E-06	1.4E-05	7.3E-07	7.3E-07	3.9E-16	2.4E-15
NOx											
NOx (Oxides of Nitrogen)						6.7E-05	1.6E-04	8.4E-06	8.4E-06		
PAHs											
1-Methylnaphthalene		1.0E-17	1.4E-17	9.3E-18	2.6E-17	1.4E-06	3.3E-06	1.8E-07	1.8E-07	1.1E-14	6.5E-14
1-Methylphenanthrene				6.2E-15	1.7E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	3.0E-16	1.9E-15
2,3,5-Trimethylnaphthalene				2.9E-15	8.2E-15	8.4E-08	1.9E-07	1.0E-08	1.0E-08	1.4E-16	8.8E-16
2,6-Dimethylnaphthalene				8.0E-15	2.2E-14	2.2E-07	5.1E-07	2.8E-08	2.8E-08	3.9E-16	2.4E-15
2-Methylnaphthalene		9.9E-18	1.4E-17	9.0E-18	2.5E-17	1.4E-06	3.2E-06	1.7E-07	1.7E-07	1.0E-14	6.4E-14
Acenaphthylene				2.6E-14	7.2E-14	8.1E-07	1.9E-06	1.0E-07	1.0E-07	1.3E-15	7.7E-15
Acenaphthene	1.5E-16					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Anthracene	1.8E-15					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
Benzo(a)anthracene	2.6E-13	6.7E-09	2.2E-08	6.1E-09	4.0E-08	1.3E-07	3.0E-07	1.6E-08	1.6E-08	9.2E-08	5.6E-07
Benzo(a)pyrene	1.3E-13	1.1E-08	2.4E-08	1.0E-08	4.4E-08	5.0E-08	1.2E-07	6.3E-09	6.3E-09	5.0E-10	4.7E-09
Benzo(b)fluoranthene	3.6E-14	2.4E-08	3.4E-08	2.2E-08	6.1E-08	5.6E-08	1.3E-07	7.0E-09	7.0E-09	1.1E-09	6.6E-09

Table H-275 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				1.5E-15	4.1E-15	4.3E-08	9.9E-08	5.4E-09	5.4E-09	7.2E-17	4.4E-16
Benzo(g,h,i)perylene				1.1E-15	3.0E-15	3.3E-08	7.6E-08	4.1E-09	4.1E-09	5.3E-17	3.2E-16
Benzo(k)fluoranthene	2.9E-16	1.6E-09	1.7E-08	1.4E-09	3.1E-08	5.0E-10	1.2E-09	6.2E-11	6.2E-11	6.9E-11	3.3E-09
Biphenyl				1.4E-16	4.0E-16	4.8E-06	1.1E-05	6.0E-07	6.0E-07	8.4E-14	5.2E-13
Chrysene	4.6E-14	9.7E-09	2.5E-08	8.8E-09	4.5E-08	2.2E-07	5.1E-07	2.7E-08	2.7E-08	4.3E-10	4.8E-09
Dibenzo(a,h)anthracene	6.6E-15	4.2E-10	6.0E-09	3.9E-10	1.1E-08	8.0E-09	1.8E-08	9.9E-10	9.9E-10	1.9E-11	1.2E-09
Fluoranthene	1.2E-14	2.7E-15	3.8E-15	2.5E-15	6.9E-15	3.2E-07	7.4E-07	4.0E-08	4.0E-08	1.2E-16	7.5E-16
Fluorene	2.6E-15					8.0E-07	1.9E-06	1.0E-07	1.0E-07		
Indeno(1,2,3-cd)pyrene	1.7E-14	6.1E-09	1.6E-08	5.5E-09	2.8E-08	2.6E-08	6.1E-08	3.3E-09	3.3E-09	2.7E-10	3.1E-09
Napthalene	1.2E-15					6.4E-06	1.5E-05	8.0E-07	8.0E-07		
Perylene				5.6E-16	1.6E-15	2.0E-08	4.6E-08	2.5E-09	2.5E-09	2.8E-17	1.7E-16
Phenanthrene	1.3E-14					1.5E-06	3.5E-06	1.9E-07	1.9E-07		
Pyrene	8.7E-15	9.2E-15	1.3E-14	8.3E-15	2.3E-14	3.1E-07	7.2E-07	3.9E-08	3.9E-08	2.3E-13	1.4E-12
Particulate											
Particulate Total Suspended Particulate				1.3E-10	3.6E-10	1.0E-03	2.3E-03	1.3E-04	1.3E-04	6.3E-12	3.9E-11
PM<10				1.6E-10	4.6E-10	1.3E-03	3.1E-03	1.7E-04	1.7E-04	8.0E-12	5.0E-11
PM<2.5				1.4E-10	3.8E-10	1.1E-03	2.6E-03	1.4E-04	1.4E-04	6.7E-12	4.1E-11
PCBs											
Dichlorobiphenyl	2.6E-16	2.5E-17	3.5E-17	2.1E-17	5.8E-17	4.0E-09	9.2E-09	5.0E-10	5.0E-10	1.9E-15	1.2E-14
Heptachlorobiphenyl	9.8E-18	2.9E-18	4.0E-18	2.4E-18	6.8E-18	5.4E-11	1.3E-10	6.8E-12	6.8E-12	1.2E-16	7.6E-16
Hexachlorobiphenyl	4.0E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	2.3E-10	5.3E-10	2.9E-11	2.9E-11	5.6E-16	3.4E-15
Monochlorobiphenyl	1.8E-15	1.7E-16	2.4E-16	1.4E-16	4.1E-16	2.8E-08	6.4E-08	3.5E-09	3.5E-09	1.4E-14	8.3E-14
Nonachlorobiphenyl	1.2E-18	5.1E-19	7.1E-19	4.3E-19	1.2E-18	7.7E-12	1.8E-11	9.6E-13	9.6E-13	2.2E-17	1.3E-16
Octachlorobiphenyl	2.9E-18	9.3E-19	1.3E-18	7.8E-19	2.2E-18	1.7E-11	3.8E-11	2.1E-12	2.1E-12	4.0E-17	2.5E-16

Table H-275 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	1.3E-16	4.7E-17	6.5E-17	3.9E-17	1.1E-16	7.8E-10	1.8E-09	9.8E-11	9.8E-11	2.0E-15	1.2E-14
Tetrachlorobiphenyl	7.8E-17	9.4E-18	1.3E-17	8.0E-18	2.2E-17	1.3E-09	3.0E-09	1.6E-10	1.6E-10	7.4E-16	4.6E-15
Trichlorobiphenyl	1.0E-16	1.1E-17	1.6E-17	9.6E-18	2.7E-17	1.6E-09	3.8E-09	2.0E-10	2.0E-10	8.9E-16	5.5E-15
Pesticides											
DDE				2.2E-09	9.4E-09					7.0E-08	4.3E-07
Dieldrin			4.3E-10		1.0E-09						1.1E-10
SVOCs											
1,2,4-trichlorobenzene						1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,2-dichlorobenzene	1.2E-19					4.7E-09	1.1E-08	5.8E-10	5.8E-10		
1,3-Butadiene						1.4E-03					
1,3-dichlorobenzene	3.0E-19					7.0E-09	1.6E-08	8.7E-10	8.7E-10		
1,4-dichlorobenzene	4.0E-18					6.5E-08	1.5E-07	8.1E-09	8.1E-09		
1,4-Dioxane						3.1E-03					
2,4-Dimethylphenol	1.1E-16					1.0E-06	2.4E-06	1.3E-07	1.3E-07		
2-Chlorophenol	5.5E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
2-Methylphenol	2.3E-15					2.4E-06	5.5E-06	3.0E-07	3.0E-07		
2-Nitrophenol	1.4E-17					3.2E-07	7.5E-07	4.0E-08	4.0E-08		
3-Methylphenol & 4-Methylphenol				1.6E-13	4.4E-13	4.3E-06	9.9E-06	5.4E-07	5.4E-07	7.7E-15	4.8E-14
4-Nitrophenol	2.8E-17					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Acetophenone	1.7E-16					5.1E-06	1.2E-05	6.4E-07	6.4E-07		
Benzoic acid	6.8E-16					2.3E-05	5.3E-05	2.9E-06	2.9E-06		
Benzyl alcohol	4.2E-19					1.9E-07	4.5E-07	2.4E-08	2.4E-08		
bis(2-Ethylhexyl) phthalate	2.1E-14	2.9E-13	4.0E-13	3.4E-13	9.5E-13	8.1E-06	1.9E-05	1.0E-06	1.0E-06	1.7E-14	1.0E-13
Butyl benzyl phthalate	7.5E-15	1.4E-16	1.9E-16	1.6E-16	4.6E-16	2.6E-07	5.9E-07	3.2E-08	3.2E-08	8.1E-18	5.0E-17

Table H-275 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Carbazole				6.0E-16	1.7E-15	7.2E-09	1.7E-08	9.0E-10	9.0E-10	2.9E-17	1.8E-16
Dibenzofuran		6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.1E-07	9.4E-07	5.1E-08	5.1E-08	1.0E-14	6.4E-14
Dimethyl phthalate	2.8E-18					1.4E-08	3.3E-08	1.8E-09	1.8E-09		
Di-n-butyl phthalate	7.2E-14	1.4E-16	1.9E-16	1.6E-16	4.6E-16	3.9E-07	9.1E-07	4.9E-08	4.9E-08	8.1E-18	5.0E-17
Di-n-octyl phthalate	5.4E-19	4.0E-16	5.6E-16	4.8E-16	1.3E-15	2.8E-08	6.4E-08	3.4E-09	3.4E-09	2.3E-17	1.4E-16
Hexachlorobutadiene	2.9E-16					1.9E-06	4.4E-06	2.4E-07	2.4E-07		
Isopropanol						3.5E-02	9.7E-02				
p-Chloroaniline			1.4E-08		3.3E-08						3.6E-09
Phenol	6.3E-15					1.3E-05	3.0E-05	1.6E-06	1.6E-06		
Pyridine	3.3E-16					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
TRS											
Total Reduced Sulfur						1.2E-05	2.9E-05	1.6E-06	1.6E-06		
VOCs											
1,1,1,2-Tetrachloroethane	1.2E-19					5.8E-09	1.3E-08	7.2E-10	7.2E-10		
1,1,1-Trichloroethane	7.5E-21					5.7E-09	1.3E-08	7.1E-10	7.1E-10		
1,1-Dichloroethene	2.6E-22					1.1E-09	2.6E-09	1.4E-10	1.4E-10		
1,2,3-Trichlorobenzene	8.0E-18					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2,3-Trichloropropane	4.6E-20					4.6E-09	1.1E-08	5.8E-10	5.8E-10		
1,2,4-Trimethylbenzene						2.7E-07	6.2E-07	3.3E-08	3.3E-08		
1,2-Dibromoethane	1.6E-20					3.0E-09	6.8E-09	3.7E-10	3.7E-10		
1,2-Dichloroethane	5.0E-19					1.5E-03	1.9E-03	4.3E-05	4.3E-05		
1,3,5-Trimethylbenzene	2.6E-18					2.5E-07	5.8E-07	3.1E-08	3.1E-08		
1,3-Dichloropropane						2.9E-09	6.6E-09	3.6E-10	3.6E-10		
2-Butanone	1.0E-16					1.4E-06	3.3E-06	1.8E-07	1.8E-07		

Table H-275 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
2-Chlorotoluene						6.3E-08	1.5E-07	7.9E-09	7.9E-09		
2-Hexanone						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
Benzene	8.5E-17					3.6E-03	1.2E-02	4.2E-04	4.2E-04		
Bromobenzene						1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Bromochloromethane						3.8E-09	8.7E-09	4.7E-10	4.7E-10		
Bromodichloromethane	1.3E-20					4.1E-09	1.4E-02	5.1E-10	5.1E-10		
Bromoform							6.6E-02				
Bromomethane	5.7E-20					1.6E-07	3.8E-07	2.0E-08	2.0E-08		
Carbon disulfide	5.4E-20					1.4E-07	3.3E-07	1.8E-08	1.8E-08		
Carbon tetrachloride	5.8E-21					6.4E-03	1.7E-02	6.6E-04	6.6E-04		
Chlorobenzene	2.0E-18					2.1E-07	4.8E-07	2.6E-08	2.6E-08		
Chlorodibromomethane	7.8E-19					1.0E-07	2.3E-07	1.3E-08	1.3E-08		
Chloroethane	1.6E-19					3.9E-07	9.1E-07	4.9E-08	4.9E-08		
Chloroform	1.2E-19					1.1E-03	3.4E-02	1.0E-04	1.0E-04		
Chloromethane	4.2E-19					1.3E-06	3.1E-06	1.7E-07	1.7E-07		
cis-1,2-Dichloroethene	1.6E-19					1.7E-07	3.9E-07	2.1E-08	2.1E-08		
cis-1,3-Dichloropropene						1.0E-09	2.4E-09	1.3E-10	1.3E-10		
Dibromomethane	1.8E-20					8.7E-09	2.0E-08	1.1E-09	1.1E-09		
Dichlorodifluoromethane	2.0E-22					1.1E-08	2.5E-08	1.3E-09	1.3E-09		
Ethylbenzene	6.4E-17					4.1E-03	9.5E-03	1.0E-06	1.0E-06		
Isopropylbenzene	8.4E-20					6.8E-07	1.6E-06	8.4E-08	8.4E-08		
m&p-Xylene	1.0E-17					1.6E-06	3.6E-06	2.0E-07	2.0E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19					1.5E-08	3.5E-08	1.9E-09	1.9E-09		
Methylene chloride	1.1E-18					7.7E-07	1.8E-06	9.7E-08	9.7E-08		

Table H-275 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
n-Butylbenzene						3.3E-07	7.7E-07	4.2E-08	4.2E-08		
n-Propylbenzene						4.0E-07	9.3E-07	5.0E-08	5.0E-08		
o-Xylene	1.2E-17					9.8E-07	2.3E-06	1.2E-07	1.2E-07		
p-Chlorotoluene						2.4E-08	5.5E-08	3.0E-09	3.0E-09		
p-Isopropyltoluene						1.6E-07	3.8E-07	2.1E-08	2.1E-08		
sec-Butylbenzene						6.1E-08	1.4E-07	7.6E-09	7.6E-09		
Styrene	4.0E-16					2.2E-05	5.1E-05	2.7E-06	2.7E-06		
tert-Butylbenzene						2.0E-06	4.5E-06	2.4E-07	2.4E-07		
Tetrachloroethene	2.8E-20					5.2E-09	1.2E-08	6.5E-10	6.5E-10		
Toluene	6.7E-17					1.4E-05	3.1E-05	1.7E-06	1.7E-06		
trans-1,2-Dichloroethene	2.5E-18					3.6E-06	8.4E-06	4.5E-07	4.5E-07		
trans-1,3-Dichloropropene						1.8E-09	4.2E-09	2.3E-10	2.3E-10		
Trichloroethene	2.9E-22					2.0E-04	1.9E-02	3.9E-11	3.9E-11		
Trichlorofluoromethane	4.5E-22					3.7E-09	8.6E-09	4.7E-10	4.7E-10		
Vinyl chloride	2.1E-20					2.1E-07	4.9E-07	2.7E-08	2.7E-08		

Table H-276 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					5.7E-03	1.4E-06	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19	
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19	
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18	
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19	
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19	
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19	
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20	
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19	
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19	

Table H-276 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
DNT											
2,4-Dinitrotoluene		4.0E-07		4.7E-07						2.3E-11	
2,6-Dinitrotoluene		6.4E-07		7.6E-07						3.7E-11	
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				7.9E-03	2.0E-02					3.9E-07	2.1E-06
Antimony	1.6E-17			3.0E-07	1.4E-06	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.5E-11	1.5E-10
Arsenic	8.1E-16	6.0E-07	2.3E-07	1.4E-06	1.1E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	1.2E-10	2.0E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				1.9E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	9.5E-10	4.0E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				1.7E-02	3.7E-02					8.3E-07	4.0E-06
Lead	6.9E-18			1.0E-04	2.3E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.0E-09	2.5E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16

Table H-276 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				1.5E-08	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	2.9E-08	1.8E-07
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18
Nickel	3.3E-15			4.0E-04	7.1E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.0E-08	7.7E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Thallium (Soluble Salts)				1.1E-07	1.7E-07					5.2E-12	1.8E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	1.6E-07	5.1E-07	1.4E-07	9.3E-07	3.0E-09	6.9E-09	3.7E-10	3.7E-10	2.1E-09	1.3E-08
Benzo(a)pyrene	3.1E-12	2.6E-07	5.6E-07	2.4E-07	1.0E-06	1.2E-09	2.7E-09	1.5E-10	1.5E-10	1.2E-11	1.1E-10
Benzo(b)fluoranthene	8.3E-13	5.7E-07	7.9E-07	5.1E-07	1.4E-06	1.3E-09	3.0E-09	1.6E-10	1.6E-10	2.5E-11	1.5E-10

Table H-276 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	3.6E-08	4.0E-07	3.3E-08	7.2E-07	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.6E-12	7.8E-11
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.3E-07	5.7E-07	2.1E-07	1.0E-06	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.0E-11	1.1E-10
Dibenze(a,h)anthracene	1.6E-13	9.9E-09	1.4E-07	9.0E-09	2.5E-07	1.9E-10	4.3E-10	2.3E-11	2.3E-11	4.4E-13	2.7E-11
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.4E-07	3.6E-07	1.3E-07	6.6E-07	6.2E-10	1.4E-09	7.7E-11	7.7E-11	6.3E-12	7.1E-11
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17

Table H-276 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16
Pesticides											
DDE				5.1E-08	2.2E-07					1.6E-09	1.0E-08
Dieldrin			1.0E-08		2.4E-08						2.5E-12
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						3.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
1,4-Dioxane						7.3E-05					
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18

Table H-276 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						8.2E-04	2.3E-03				
p-Chloroaniline			3.3E-07		7.7E-07						8.4E-11
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					3.4E-05	4.4E-05	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		

Table H-276 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.4E-05	2.7E-04	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	3.4E-04	1.2E-11	1.2E-11		
Bromoform							1.5E-03				
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.5E-04	3.9E-04	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					2.5E-05	7.9E-04	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					9.6E-05	2.2E-04	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		

Table H-276 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					4.6E-06	4.5E-04	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10		

Table H-277 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.6E-05	8.3E-05	4.5E-06	4.5E-06		
Aldehydes											
Acetaldehyde	3.9E-15					6.2E-05	1.4E-04	7.8E-06	7.8E-06		
Formaldehyde	1.9E-14					2.4E-01	1.7E+00	3.3E-06	3.3E-06		
Propionaldehyde				9.6E-17	2.7E-16	6.8E-06	1.6E-05	8.5E-07	8.5E-07	7.2E-13	4.4E-12
CO											
Carbon monoxide						1.9E-03	4.4E-03	2.4E-04	2.4E-04		
CO2											
Carbon dioxide						6.0E-05	1.4E-04	7.5E-06	7.5E-06		
Criteria											
Sulfur Dioxide						1.6E-05	3.7E-05	2.0E-06	2.0E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	5.3E-20	5.3E-17	7.4E-17	2.1E-16	5.9E-16	3.6E-11	8.4E-11	4.5E-12	4.5E-12	1.0E-17	6.3E-17
1,2,3,4,6,7,8-HpCDF	5.1E-20	5.4E-17	7.5E-17	2.1E-16	5.9E-16	3.7E-11	8.5E-11	4.6E-12	4.6E-12	1.0E-17	6.4E-17
1,2,3,4,7,8,9-HpCDF	7.8E-21	6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.7E-12	1.1E-11	5.8E-13	5.8E-13	1.2E-18	7.4E-18
1,2,3,4,7,8-HxCDD	6.0E-20	6.1E-18	8.5E-18	2.4E-17	6.7E-17	4.4E-12	1.0E-11	5.4E-13	5.4E-13	1.2E-18	7.2E-18
1,2,3,4,7,8-HxCDF	4.1E-19	4.8E-17	6.7E-17	1.9E-16	5.3E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	9.3E-18	5.7E-17
1,2,3,6,7,8-HxCDD	1.1E-19	1.2E-17	1.7E-17	4.9E-17	1.4E-16	9.2E-12	2.1E-11	1.1E-12	1.1E-12	2.4E-18	1.5E-17
1,2,3,6,7,8-HxCDF	1.5E-19	1.6E-17	2.2E-17	6.2E-17	1.7E-16	1.1E-11	2.7E-11	1.4E-12	1.4E-12	3.0E-18	1.9E-17
1,2,3,7,8,9-HxCDD	1.7E-19	1.9E-17	2.7E-17	7.7E-17	2.1E-16	1.4E-11	3.2E-11	1.7E-12	1.7E-12	3.8E-18	2.3E-17
1,2,3,7,8,9-HxCDF	1.2E-20	1.1E-18	1.6E-18	4.4E-18	1.2E-17	8.8E-13	2.0E-12	1.1E-13	1.1E-13	2.2E-19	1.3E-18
1,2,3,7,8-PeCDD	3.2E-19	6.8E-18	9.6E-18	2.7E-17	7.6E-17	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.3E-18	8.1E-18
1,2,3,7,8-PeCDF	4.4E-19	8.0E-18	1.1E-17	3.2E-17	8.9E-17	7.9E-12	1.8E-11	9.9E-13	9.9E-13	1.6E-18	9.6E-18

Table H-277 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	2.2E-19	2.5E-17	3.4E-17	9.7E-17	2.7E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	4.7E-18	2.9E-17
2,3,4,7,8-PeCDF	7.0E-19	1.9E-17	2.7E-17	7.6E-17	2.1E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	3.7E-18	2.3E-17
2,3,7,8-TCDD	1.1E-19	1.4E-18	1.9E-18	5.5E-18	1.5E-17	2.2E-12	5.1E-12	2.8E-13	2.8E-13	1.9E-16	1.1E-15
2,3,7,8-TCDF	3.4E-19	2.5E-18	3.5E-18	1.0E-17	2.8E-17	8.2E-12	1.9E-11	1.0E-12	1.0E-12	4.9E-19	3.0E-18
OCDD	7.1E-22	3.6E-17	5.0E-17	1.4E-16	4.0E-16	2.4E-11	5.6E-11	3.0E-12	3.0E-12	7.0E-18	4.3E-17
OCDF	2.6E-22	1.4E-17	1.9E-17	5.5E-17	1.5E-16	9.1E-12	2.1E-11	1.1E-12	1.1E-12	2.7E-18	1.7E-17
DNT											
2,4-Dinitrotoluene		1.7E-08		2.0E-08						1.0E-09	
2,6-Dinitrotoluene		2.7E-08		3.3E-08						1.6E-09	
HCN											
Hydrogen cyanide						6.8E-06	1.6E-05	8.5E-07	8.5E-07		
Metals											
Aluminum				3.4E-04	1.0E-03					1.7E-05	1.1E-04
Antimony	6.7E-19			1.3E-08	2.1E-08	4.5E-07	1.0E-06	5.6E-08	5.6E-08	6.4E-10	2.2E-09
Arsenic	3.5E-17	2.6E-08	2.0E-08	6.1E-08	9.2E-08	2.5E-08	5.9E-08	3.2E-09	3.2E-09	4.9E-09	1.7E-08
Barium	9.3E-14			1.2E-10	3.3E-10	5.4E-06	1.2E-05	6.7E-07	6.7E-07	5.7E-12	3.5E-11
Beryllium	1.4E-18			4.5E-17	1.3E-16	1.8E-09	4.3E-09	2.3E-10	2.3E-10	2.2E-18	1.4E-17
Cadmium	3.6E-16			3.5E-17	9.8E-17	3.2E-08	7.5E-08	4.1E-09	4.1E-09	1.7E-18	1.1E-17
Chromium	1.0E-16			3.0E-12	8.5E-12	2.8E-07	6.4E-07	3.5E-08	3.5E-08	1.5E-13	9.2E-13
Cobalt				8.3E-07	1.6E-06	4.2E-07	9.7E-07	5.3E-08	5.3E-08	4.1E-08	1.7E-07
Copper				1.2E-11	3.5E-11	7.6E-07	1.8E-06	9.5E-08	9.5E-08	6.1E-13	3.8E-12
Iron				7.3E-04	1.7E-03					3.6E-05	1.8E-04
Lead	3.0E-19			4.4E-06	2.3E-06	2.6E-07	5.9E-07	3.2E-08	3.2E-08	2.2E-07	2.4E-07
Manganese				3.4E-14	9.6E-14	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.7E-15	1.0E-14

Table H-277 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				1.4E-15	3.9E-15	1.0E-09	2.3E-09	1.3E-10	1.3E-10	6.7E-17	4.2E-16
Mercury, elemental				6.4E-10	1.2E-09	4.2E-12	9.7E-12	5.3E-13	5.3E-13	1.2E-06	7.6E-06
Methyl Mercury	3.6E-16			8.2E-17	2.3E-16					4.0E-18	2.5E-17
Nickel	1.4E-16			1.7E-05	3.4E-05	1.5E-07	3.4E-07	1.9E-08	1.9E-08	8.5E-07	3.7E-06
Phosphorus				3.2E-16	9.0E-16	1.1E-06	2.6E-06	1.4E-07	1.4E-07	3.1E-12	1.9E-11
Selenium	1.2E-17			1.7E-18	4.8E-18	7.5E-09	1.7E-08	9.3E-10	9.3E-10	8.5E-20	5.2E-19
Silver	8.6E-18			3.2E-14	8.9E-14	4.9E-09	1.1E-08	6.1E-10	6.1E-10	1.6E-15	9.6E-15
Thallium (Soluble Salts)				4.6E-09	6.2E-09					2.2E-10	6.6E-10
Titanium				3.4E-16	9.6E-16	2.6E-09	6.0E-09	3.3E-10	3.3E-10	1.7E-17	1.0E-16
Zinc	1.8E-13			7.9E-15	2.2E-14	5.9E-06	1.4E-05	7.3E-07	7.3E-07	3.9E-16	2.4E-15
NOx											
NOx (Oxides of Nitrogen)						6.7E-05	1.6E-04	8.4E-06	8.4E-06		
PAHs											
1-Methylnaphthalene		1.0E-17	1.4E-17	9.3E-18	2.6E-17	1.4E-06	3.3E-06	1.8E-07	1.8E-07	1.1E-14	6.5E-14
1-Methylphenanthrene				6.2E-15	1.7E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	3.0E-16	1.9E-15
2,3,5-Trimethylnaphthalene				2.9E-15	8.2E-15	8.4E-08	1.9E-07	1.0E-08	1.0E-08	1.4E-16	8.8E-16
2,6-Dimethylnaphthalene				8.0E-15	2.2E-14	2.2E-07	5.1E-07	2.8E-08	2.8E-08	3.9E-16	2.4E-15
2-Methylnaphthalene		9.9E-18	1.4E-17	9.0E-18	2.5E-17	1.4E-06	3.2E-06	1.7E-07	1.7E-07	1.0E-14	6.4E-14
Acenaphthylene				2.6E-14	7.2E-14	8.1E-07	1.9E-06	1.0E-07	1.0E-07	1.3E-15	7.7E-15
Acenaphthene	1.5E-16					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Anthracene	1.8E-15					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
Benzo(a)anthracene	2.6E-13	6.7E-09	1.1E-13	6.1E-09	2.0E-13	1.3E-07	3.0E-07	1.6E-08	1.6E-08	9.2E-08	5.6E-07
Benzo(a)pyrene	1.3E-13	1.1E-08	4.9E-14	1.0E-08	9.0E-14	5.0E-08	1.2E-07	6.3E-09	6.3E-09	5.0E-10	9.7E-15
Benzo(b)fluoranthene	3.6E-14	2.4E-08	2.9E-15	2.2E-08	5.2E-15	5.6E-08	1.3E-07	7.0E-09	7.0E-09	1.1E-09	5.6E-16

Table H-277 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				1.5E-15	4.1E-15	4.3E-08	9.9E-08	5.4E-09	5.4E-09	7.2E-17	4.4E-16
Benzo(g,h,i)perylene				1.1E-15	3.0E-15	3.3E-08	7.6E-08	4.1E-09	4.1E-09	5.3E-17	3.2E-16
Benzo(k)fluoranthene	2.9E-16	1.6E-09	3.6E-15	1.4E-09	6.5E-15	5.0E-10	1.2E-09	6.2E-11	6.2E-11	6.9E-11	7.0E-16
Biphenyl				1.4E-16	4.0E-16	4.8E-06	1.1E-05	6.0E-07	6.0E-07	8.4E-14	5.2E-13
Chrysene	4.6E-14	9.7E-09	1.4E-13	8.8E-09	2.6E-13	2.2E-07	5.1E-07	2.7E-08	2.7E-08	4.3E-10	2.8E-14
Dibenzo(a,h)anthracene	6.6E-15	4.2E-10	1.8E-14	3.9E-10	3.3E-14	8.0E-09	1.8E-08	9.9E-10	9.9E-10	1.9E-11	3.5E-15
Fluoranthene	1.2E-14	2.7E-15	3.8E-15	2.5E-15	6.9E-15	3.2E-07	7.4E-07	4.0E-08	4.0E-08	1.2E-16	7.5E-16
Fluorene	2.6E-15					8.0E-07	1.9E-06	1.0E-07	1.0E-07		
Indeno(1,2,3-cd)pyrene	1.7E-14	6.1E-09	5.0E-14	5.5E-09	9.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	2.7E-10	9.8E-15
Napthalene	1.2E-15					6.4E-06	1.5E-05	8.0E-07	8.0E-07		
Perylene				5.6E-16	1.6E-15	2.0E-08	4.6E-08	2.5E-09	2.5E-09	2.8E-17	1.7E-16
Phenanthrene	1.3E-14					1.5E-06	3.5E-06	1.9E-07	1.9E-07		
Pyrene	8.7E-15	9.2E-15	1.3E-14	8.3E-15	2.3E-14	3.1E-07	7.2E-07	3.9E-08	3.9E-08	2.3E-13	1.4E-12
Particulate											
Particulate Total Suspended Particulate				1.3E-10	3.6E-10	1.0E-03	2.3E-03	1.3E-04	1.3E-04	6.3E-12	3.9E-11
PM<10				1.6E-10	4.6E-10	1.3E-03	3.1E-03	1.7E-04	1.7E-04	8.0E-12	5.0E-11
PM<2.5				1.4E-10	3.8E-10	1.1E-03	2.6E-03	1.4E-04	1.4E-04	6.7E-12	4.1E-11
PCBs											
Dichlorobiphenyl	2.6E-16	2.5E-17	3.5E-17	2.1E-17	5.8E-17	4.0E-09	9.2E-09	5.0E-10	5.0E-10	1.9E-15	1.2E-14
Heptachlorobiphenyl	9.8E-18	2.9E-18	4.0E-18	2.4E-18	6.8E-18	5.4E-11	1.3E-10	6.8E-12	6.8E-12	1.2E-16	7.6E-16
Hexachlorobiphenyl	4.0E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	2.3E-10	5.3E-10	2.9E-11	2.9E-11	5.6E-16	3.4E-15
Monochlorobiphenyl	1.8E-15	1.7E-16	2.4E-16	1.4E-16	4.1E-16	2.8E-08	6.4E-08	3.5E-09	3.5E-09	1.4E-14	8.3E-14
Nonachlorobiphenyl	1.2E-18	5.1E-19	7.1E-19	4.3E-19	1.2E-18	7.7E-12	1.8E-11	9.6E-13	9.6E-13	2.2E-17	1.3E-16
Octachlorobiphenyl	2.9E-18	9.3E-19	1.3E-18	7.8E-19	2.2E-18	1.7E-11	3.8E-11	2.1E-12	2.1E-12	4.0E-17	2.5E-16

Table H-277 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	1.3E-16	4.7E-17	6.5E-17	3.9E-17	1.1E-16	7.8E-10	1.8E-09	9.8E-11	9.8E-11	2.0E-15	1.2E-14
Tetrachlorobiphenyl	7.8E-17	9.4E-18	1.3E-17	8.0E-18	2.2E-17	1.3E-09	3.0E-09	1.6E-10	1.6E-10	7.4E-16	4.6E-15
Trichlorobiphenyl	1.0E-16	1.1E-17	1.6E-17	9.6E-18	2.7E-17	1.6E-09	3.8E-09	2.0E-10	2.0E-10	8.9E-16	5.5E-15
Pesticides											
DDE				2.2E-09	3.3E-09					7.0E-08	4.3E-07
SVOCs											
1,2,4-trichlorobenzene						1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,2-dichlorobenzene	1.2E-19					4.7E-09	1.1E-08	5.8E-10	5.8E-10		
1,3-Butadiene						1.4E-03					
1,3-dichlorobenzene	3.0E-19					7.0E-09	1.6E-08	8.7E-10	8.7E-10		
1,4-dichlorobenzene	4.0E-18					6.5E-08	1.5E-07	8.1E-09	8.1E-09		
1,4-Dioxane						3.1E-03					
2,4-Dimethylphenol	1.1E-16					1.0E-06	2.4E-06	1.3E-07	1.3E-07		
2-Chlorophenol	5.5E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
2-Methylphenol	2.3E-15					2.4E-06	5.5E-06	3.0E-07	3.0E-07		
2-Nitrophenol	1.4E-17					3.2E-07	7.5E-07	4.0E-08	4.0E-08		
3-Methylphenol & 4-Methylphenol				1.6E-13	4.4E-13	4.3E-06	9.9E-06	5.4E-07	5.4E-07	7.7E-15	4.8E-14
4-Nitrophenol	2.8E-17					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Acetophenone	1.7E-16					5.1E-06	1.2E-05	6.4E-07	6.4E-07		
Benzoic acid	6.8E-16					2.3E-05	5.3E-05	2.9E-06	2.9E-06		
Benzyl alcohol	4.2E-19					1.9E-07	4.5E-07	2.4E-08	2.4E-08		
bis(2-Ethylhexyl) phthalate	2.1E-14	2.9E-13	4.0E-13	3.4E-13	9.5E-13	8.1E-06	1.9E-05	1.0E-06	1.0E-06	1.7E-14	1.0E-13
Butyl benzyl phthalate	7.5E-15	1.4E-16	1.9E-16	1.6E-16	4.6E-16	2.6E-07	5.9E-07	3.2E-08	3.2E-08	8.1E-18	5.0E-17
Carbazole				6.0E-16	1.7E-15	7.2E-09	1.7E-08	9.0E-10	9.0E-10	2.9E-17	1.8E-16

Table H-277 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Dibenzofuran		6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.1E-07	9.4E-07	5.1E-08	5.1E-08	1.0E-14	6.4E-14
Dimethyl phthalate	2.8E-18					1.4E-08	3.3E-08	1.8E-09	1.8E-09		
Di-n-butyl phthalate	7.2E-14	1.4E-16	1.9E-16	1.6E-16	4.6E-16	3.9E-07	9.1E-07	4.9E-08	4.9E-08	8.1E-18	5.0E-17
Di-n-octyl phthalate	5.4E-19	4.0E-16	5.6E-16	4.8E-16	1.3E-15	2.8E-08	6.4E-08	3.4E-09	3.4E-09	2.3E-17	1.4E-16
Hexachlorobutadiene	2.9E-16					1.9E-06	4.4E-06	2.4E-07	2.4E-07		
Isopropanol						3.5E-02					
Phenol	6.3E-15					1.3E-05	3.0E-05	1.6E-06	1.6E-06		
Pyridine	3.3E-16					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
TRS											
Total Reduced Sulfur						1.2E-05	2.9E-05	1.6E-06	1.6E-06		
VOCs											
1,1,1,2-Tetrachloroethane	1.2E-19					5.8E-09	1.3E-08	7.2E-10	7.2E-10		
1,1,1-Trichloroethane	7.5E-21					5.7E-09	1.3E-08	7.1E-10	7.1E-10		
1,1-Dichloroethene	2.6E-22					1.1E-09	2.6E-09	1.4E-10	1.4E-10		
1,2,3-Trichlorobenzene	8.0E-18					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2,3-Trichloropropane	4.6E-20					4.6E-09	1.1E-08	5.8E-10	5.8E-10		
1,2,4-Trimethylbenzene						2.7E-07	6.2E-07	3.3E-08	3.3E-08		
1,2-Dibromoethane	1.6E-20					3.0E-09	6.8E-09	3.7E-10	3.7E-10		
1,2-Dichloroethane	5.0E-19					1.5E-03	2.7E-07	4.3E-05	4.3E-05		
1,3,5-Trimethylbenzene	2.6E-18					2.5E-07	5.8E-07	3.1E-08	3.1E-08		
1,3-Dichloropropane						2.9E-09	6.6E-09	3.6E-10	3.6E-10		
2-Butanone	1.0E-16					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
2-Chlorotoluene						6.3E-08	1.5E-07	7.9E-09	7.9E-09		
2-Hexanone						2.9E-07	6.7E-07	3.6E-08	3.6E-08		

Table H-277 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzene	8.5E-17					3.6E-03	8.6E-05	4.2E-04	4.2E-04		
Bromobenzene						1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Bromochloromethane						3.8E-09	8.7E-09	4.7E-10	4.7E-10		
Bromodichloromethane	1.3E-20					4.1E-09	9.4E-09	5.1E-10	5.1E-10		
Bromomethane	5.7E-20					1.6E-07	3.8E-07	2.0E-08	2.0E-08		
Carbon disulfide	5.4E-20					1.4E-07	3.3E-07	1.8E-08	1.8E-08		
Carbon tetrachloride	5.8E-21					6.4E-03	2.2E-08	6.6E-04	6.6E-04		
Chlorobenzene	2.0E-18					2.1E-07	4.8E-07	2.6E-08	2.6E-08		
Chlorodibromomethane	7.8E-19					1.0E-07	2.3E-07	1.3E-08	1.3E-08		
Chloroethane	1.6E-19					3.9E-07	9.1E-07	4.9E-08	4.9E-08		
Chloroform	1.2E-19					1.1E-03	1.9E-07	1.0E-04	1.0E-04		
Chloromethane	4.2E-19					1.3E-06	3.1E-06	1.7E-07	1.7E-07		
cis-1,2-Dichloroethene	1.6E-19					1.7E-07	3.9E-07	2.1E-08	2.1E-08		
cis-1,3-Dichloropropene						1.0E-09	2.4E-09	1.3E-10	1.3E-10		
Dibromomethane	1.8E-20					8.7E-09	2.0E-08	1.1E-09	1.1E-09		
Dichlorodifluoromethane	2.0E-22					1.1E-08	2.5E-08	1.3E-09	1.3E-09		
Ethylbenzene	6.4E-17					4.1E-03	1.9E-05	1.0E-06	1.0E-06		
Isopropylbenzene	8.4E-20					6.8E-07	1.6E-06	8.4E-08	8.4E-08		
m&p-Xylene	1.0E-17					1.6E-06	3.6E-06	2.0E-07	2.0E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19					1.5E-08	3.5E-08	1.9E-09	1.9E-09		
Methylene chloride	1.1E-18					7.7E-07	1.8E-06	9.7E-08	9.7E-08		
n-Butylbenzene						3.3E-07	7.7E-07	4.2E-08	4.2E-08		
n-Propylbenzene						4.0E-07	9.3E-07	5.0E-08	5.0E-08		
o-Xylene	1.2E-17					9.8E-07	2.3E-06	1.2E-07	1.2E-07		

Table H-277 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
p-Chlorotoluene						2.4E-08	5.5E-08	3.0E-09	3.0E-09		
p-Isopropyltoluene						1.6E-07	3.8E-07	2.1E-08	2.1E-08		
sec-Butylbenzene						6.1E-08	1.4E-07	7.6E-09	7.6E-09		
Styrene	4.0E-16					2.2E-05	5.1E-05	2.7E-06	2.7E-06		
tert-Butylbenzene						2.0E-06	4.5E-06	2.4E-07	2.4E-07		
Tetrachloroethene	2.8E-20					5.2E-09	1.2E-08	6.5E-10	6.5E-10		
Toluene	6.7E-17					1.4E-05	3.1E-05	1.7E-06	1.7E-06		
trans-1,2-Dichloroethene	2.5E-18					3.6E-06	8.4E-06	4.5E-07	4.5E-07		
trans-1,3-Dichloropropene						1.8E-09	4.2E-09	2.3E-10	2.3E-10		
Trichloroethene	2.9E-22					2.0E-04	7.2E-10	3.9E-11	3.9E-11		
Trichlorofluoromethane	4.5E-22					3.7E-09	8.6E-09	4.7E-10	4.7E-10		
Vinyl chloride	2.1E-20					2.1E-07	4.9E-07	2.7E-08	2.7E-08		

Table H-278 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					5.7E-03	4.0E-02	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19

Table H-278 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
DNT											
2,4-Dinitrotoluene		4.0E-07		4.7E-07						2.3E-11	
2,6-Dinitrotoluene		6.4E-07		7.6E-07						3.7E-11	
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				7.9E-03	2.4E-02					3.9E-07	2.6E-06
Antimony	1.6E-17			3.0E-07	4.8E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.5E-11	5.2E-11
Arsenic	8.1E-16	6.0E-07	4.6E-07	1.4E-06	2.2E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	1.2E-10	3.9E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				1.9E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	9.5E-10	4.0E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				1.7E-02	4.0E-02					8.3E-07	4.3E-06
Lead	6.9E-18			1.0E-04	5.3E-05	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.0E-09	5.7E-09
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16

Table H-278 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				1.5E-08	2.7E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	2.9E-08	1.8E-07
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18
Nickel	3.3E-15			4.0E-04	7.9E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.0E-08	8.5E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Thallium (Soluble Salts)				1.1E-07	1.4E-07					5.2E-12	1.6E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	1.6E-07	2.8E-12	1.4E-07	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	2.1E-09	1.3E-08
Benzo(a)pyrene	3.1E-12	2.6E-07	1.2E-12	2.4E-07	2.3E-12	1.2E-09	2.7E-09	1.5E-10	1.5E-10	1.2E-11	2.4E-16
Benzo(b)fluoranthene	8.3E-13	5.7E-07	7.3E-14	5.1E-07	1.3E-13	1.3E-09	3.0E-09	1.6E-10	1.6E-10	2.5E-11	1.4E-17

Table H-278 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	3.6E-08	1.1E-13	3.3E-08	2.0E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.6E-12	2.2E-17
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.3E-07	3.8E-12	2.1E-07	7.0E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.0E-11	7.5E-16
Dibenze(a,h)anthracene	1.6E-13	9.9E-09	4.8E-13	9.0E-09	8.7E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	4.4E-13	9.4E-17
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.4E-07	1.3E-12	1.3E-07	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	6.3E-12	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17

Table H-278 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16
Pesticides											
DDE				5.1E-08	7.8E-08					1.6E-09	1.0E-08
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						3.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
1,4-Dioxane						7.3E-05					
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18

Table H-278 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						8.2E-04					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					3.4E-05	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		

Table H-278 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzene	2.0E-15					8.4E-05	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.5E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					2.5E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					9.6E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		

Table H-278 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					4.6E-06	1.7E-11	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10		

Table H-279 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.6E-05	8.3E-05	4.5E-06	4.5E-06		
Aldehydes											
Acetaldehyde	3.9E-15					6.2E-05	1.4E-04	7.8E-06	7.8E-06		
Formaldehyde	1.9E-14					2.4E-01	1.2E+00	3.3E-06	3.3E-06		
Propionaldehyde				9.6E-17	2.7E-16	6.8E-06	1.6E-05	8.5E-07	8.5E-07	7.2E-13	4.4E-12
CO											
Carbon monoxide						1.9E-03	4.4E-03	2.4E-04	2.4E-04		
CO2											
Carbon dioxide						6.0E-05	1.4E-04	7.5E-06	7.5E-06		
Criteria											
Sulfur Dioxide						1.6E-05	3.7E-05	2.0E-06	2.0E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	5.3E-20	5.3E-17	7.4E-17	2.1E-16	5.9E-16	3.6E-11	8.4E-11	4.5E-12	4.5E-12	1.0E-17	6.3E-17
1,2,3,4,6,7,8-HpCDF	5.1E-20	5.4E-17	7.5E-17	2.1E-16	5.9E-16	3.7E-11	8.5E-11	4.6E-12	4.6E-12	1.0E-17	6.4E-17
1,2,3,4,7,8,9-HpCDF	7.8E-21	6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.7E-12	1.1E-11	5.8E-13	5.8E-13	1.2E-18	7.4E-18
1,2,3,4,7,8-HxCDD	6.0E-20	6.1E-18	8.5E-18	2.4E-17	6.7E-17	4.4E-12	1.0E-11	5.4E-13	5.4E-13	1.2E-18	7.2E-18
1,2,3,4,7,8-HxCDF	4.1E-19	4.8E-17	6.7E-17	1.9E-16	5.3E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	9.3E-18	5.7E-17
1,2,3,6,7,8-HxCDD	1.1E-19	1.2E-17	1.7E-17	4.9E-17	1.4E-16	9.2E-12	2.1E-11	1.1E-12	1.1E-12	2.4E-18	1.5E-17
1,2,3,6,7,8-HxCDF	1.5E-19	1.6E-17	2.2E-17	6.2E-17	1.7E-16	1.1E-11	2.7E-11	1.4E-12	1.4E-12	3.0E-18	1.9E-17
1,2,3,7,8,9-HxCDD	1.7E-19	1.9E-17	2.7E-17	7.7E-17	2.1E-16	1.4E-11	3.2E-11	1.7E-12	1.7E-12	3.8E-18	2.3E-17
1,2,3,7,8,9-HxCDF	1.2E-20	1.1E-18	1.6E-18	4.4E-18	1.2E-17	8.8E-13	2.0E-12	1.1E-13	1.1E-13	2.2E-19	1.3E-18
1,2,3,7,8-PeCDD	3.2E-19	6.8E-18	9.6E-18	2.7E-17	7.6E-17	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.3E-18	8.1E-18
1,2,3,7,8-PeCDF	4.4E-19	8.0E-18	1.1E-17	3.2E-17	8.9E-17	7.9E-12	1.8E-11	9.9E-13	9.9E-13	1.6E-18	9.6E-18

Table H-279 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	2.2E-19	2.5E-17	3.4E-17	9.7E-17	2.7E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	4.7E-18	2.9E-17
2,3,4,7,8-PeCDF	7.0E-19	1.9E-17	2.7E-17	7.6E-17	2.1E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	3.7E-18	2.3E-17
2,3,7,8-TCDD	1.1E-19	1.4E-18	1.9E-18	5.5E-18	1.5E-17	2.2E-12	5.1E-12	2.8E-13	2.8E-13	1.9E-16	1.1E-15
2,3,7,8-TCDF	3.4E-19	2.5E-18	3.5E-18	1.0E-17	2.8E-17	8.2E-12	1.9E-11	1.0E-12	1.0E-12	4.9E-19	3.0E-18
OCDD	7.1E-22	3.6E-17	5.0E-17	1.4E-16	4.0E-16	2.4E-11	5.6E-11	3.0E-12	3.0E-12	7.0E-18	4.3E-17
OCDF	2.6E-22	1.4E-17	1.9E-17	5.5E-17	1.5E-16	9.1E-12	2.1E-11	1.1E-12	1.1E-12	2.7E-18	1.7E-17
DNT											
2,4-Dinitrotoluene		1.7E-08		2.0E-08						1.0E-09	
2,6-Dinitrotoluene		2.7E-08		3.3E-08						1.6E-09	
HCN											
Hydrogen cyanide						6.8E-06	1.6E-05	8.5E-07	8.5E-07		
Metals											
Aluminum				3.4E-04	8.2E-04					1.7E-05	8.9E-05
Antimony	6.7E-19			1.3E-08	7.2E-09	4.5E-07	1.0E-06	5.6E-08	5.6E-08	6.4E-10	7.8E-10
Arsenic	3.5E-17	2.6E-08	7.8E-09	6.1E-08	3.7E-08	2.5E-08	5.9E-08	3.2E-09	3.2E-09	4.9E-09	6.6E-09
Barium	9.3E-14			1.2E-10	3.3E-10	5.4E-06	1.2E-05	6.7E-07	6.7E-07	5.7E-12	3.5E-11
Beryllium	1.4E-18			4.5E-17	1.3E-16	1.8E-09	4.3E-09	2.3E-10	2.3E-10	2.2E-18	1.4E-17
Cadmium	3.6E-16			3.5E-17	9.8E-17	3.2E-08	7.5E-08	4.1E-09	4.1E-09	1.7E-18	1.1E-17
Chromium	1.0E-16			3.0E-12	8.5E-12	2.8E-07	6.4E-07	3.5E-08	3.5E-08	1.5E-13	9.2E-13
Cobalt				8.3E-07	2.7E-06	4.2E-07	9.7E-07	5.3E-08	5.3E-08	4.1E-08	2.9E-07
Copper				1.2E-11	3.5E-11	7.6E-07	1.8E-06	9.5E-08	9.5E-08	6.1E-13	3.8E-12
Iron				7.3E-04	1.8E-03					3.6E-05	2.0E-04
Lead	3.0E-19			4.4E-06	6.2E-06	2.6E-07	5.9E-07	3.2E-08	3.2E-08	2.2E-07	6.6E-07
Manganese				3.4E-14	9.6E-14	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.7E-15	1.0E-14

Table H-279 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				1.4E-15	3.9E-15	1.0E-09	2.3E-09	1.3E-10	1.3E-10	6.7E-17	4.2E-16
Mercury, elemental				6.4E-10	1.9E-09	4.2E-12	9.7E-12	5.3E-13	5.3E-13	1.2E-06	7.6E-06
Methyl Mercury	3.6E-16			8.2E-17	2.3E-16					4.0E-18	2.5E-17
Nickel	1.4E-16			1.7E-05	5.7E-05	1.5E-07	3.4E-07	1.9E-08	1.9E-08	8.5E-07	6.1E-06
Phosphorus				3.2E-16	9.0E-16	1.1E-06	2.6E-06	1.4E-07	1.4E-07	3.1E-12	1.9E-11
Selenium	1.2E-17			1.7E-18	4.8E-18	7.5E-09	1.7E-08	9.3E-10	9.3E-10	8.5E-20	5.2E-19
Silver	8.6E-18			3.2E-14	8.9E-14	4.9E-09	1.1E-08	6.1E-10	6.1E-10	1.6E-15	9.6E-15
Thallium (Soluble Salts)				4.6E-09						2.2E-10	
Titanium				3.4E-16	9.6E-16	2.6E-09	6.0E-09	3.3E-10	3.3E-10	1.7E-17	1.0E-16
Zinc	1.8E-13			7.9E-15	2.2E-14	5.9E-06	1.4E-05	7.3E-07	7.3E-07	3.9E-16	2.4E-15
NOx											
NOx (Oxides of Nitrogen)						6.7E-05	1.6E-04	8.4E-06	8.4E-06		
PAHs											
1-Methylnaphthalene		1.0E-17	1.4E-17	9.3E-18	2.6E-17	1.4E-06	3.3E-06	1.8E-07	1.8E-07	1.1E-14	6.5E-14
1-Methylphenanthrene				6.2E-15	1.7E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	3.0E-16	1.9E-15
2,3,5-Trimethylnaphthalene				2.9E-15	8.2E-15	8.4E-08	1.9E-07	1.0E-08	1.0E-08	1.4E-16	8.8E-16
2,6-Dimethylnaphthalene				8.0E-15	2.2E-14	2.2E-07	5.1E-07	2.8E-08	2.8E-08	3.9E-16	2.4E-15
2-Methylnaphthalene		9.9E-18	1.4E-17	9.0E-18	2.5E-17	1.4E-06	3.2E-06	1.7E-07	1.7E-07	1.0E-14	6.4E-14
Acenaphthylene				2.6E-14	7.2E-14	8.1E-07	1.9E-06	1.0E-07	1.0E-07	1.3E-15	7.7E-15
Acenaphthene	1.5E-16					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Anthracene	1.8E-15					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
Benzo(a)anthracene	2.6E-13	6.7E-09	1.1E-13	6.1E-09	2.0E-13	1.3E-07	3.0E-07	1.6E-08	1.6E-08	9.2E-08	5.6E-07
Benzo(a)pyrene	1.3E-13	1.1E-08	5.6E-09	1.0E-08	1.0E-08	5.0E-08	1.2E-07	6.3E-09	6.3E-09	5.0E-10	1.1E-09
Benzo(b)fluoranthene	3.6E-14	2.4E-08	5.1E-09	2.2E-08	9.2E-09	5.6E-08	1.3E-07	7.0E-09	7.0E-09	1.1E-09	1.0E-09

Table H-279 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				1.5E-15	4.1E-15	4.3E-08	9.9E-08	5.4E-09	5.4E-09	7.2E-17	4.4E-16
Benzo(g,h,i)perylene				1.1E-15	3.0E-15	3.3E-08	7.6E-08	4.1E-09	4.1E-09	5.3E-17	3.2E-16
Benzo(k)fluoranthene	2.9E-16	1.6E-09	3.6E-15	1.4E-09	6.5E-15	5.0E-10	1.2E-09	6.2E-11	6.2E-11	6.9E-11	7.0E-16
Biphenyl				1.4E-16	4.0E-16	4.8E-06	1.1E-05	6.0E-07	6.0E-07	8.4E-14	5.2E-13
Chrysene	4.6E-14	9.7E-09	1.4E-13	8.8E-09	2.6E-13	2.2E-07	5.1E-07	2.7E-08	2.7E-08	4.3E-10	2.8E-14
Dibenzo(a,h)anthracene	6.6E-15	4.2E-10	1.8E-14	3.9E-10	3.3E-14	8.0E-09	1.8E-08	9.9E-10	9.9E-10	1.9E-11	3.5E-15
Fluoranthene	1.2E-14	2.7E-15	3.8E-15	2.5E-15	6.9E-15	3.2E-07	7.4E-07	4.0E-08	4.0E-08	1.2E-16	7.5E-16
Fluorene	2.6E-15					8.0E-07	1.9E-06	1.0E-07	1.0E-07		
Indeno(1,2,3-cd)pyrene	1.7E-14	6.1E-09	5.0E-14	5.5E-09	9.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	2.7E-10	9.8E-15
Napthalene	1.2E-15					6.4E-06	1.5E-05	8.0E-07	8.0E-07		
Perylene				5.6E-16	1.6E-15	2.0E-08	4.6E-08	2.5E-09	2.5E-09	2.8E-17	1.7E-16
Phenanthrene	1.3E-14					1.5E-06	3.5E-06	1.9E-07	1.9E-07		
Pyrene	8.7E-15	9.2E-15	1.3E-14	8.3E-15	2.3E-14	3.1E-07	7.2E-07	3.9E-08	3.9E-08	2.3E-13	1.4E-12
Particulate											
Particulate Total Suspended Particulate				1.3E-10	3.6E-10	1.0E-03	2.3E-03	1.3E-04	1.3E-04	6.3E-12	3.9E-11
PM<10				1.6E-10	4.6E-10	1.3E-03	3.1E-03	1.7E-04	1.7E-04	8.0E-12	5.0E-11
PM<2.5				1.4E-10	3.8E-10	1.1E-03	2.6E-03	1.4E-04	1.4E-04	6.7E-12	4.1E-11
PCBs											
Dichlorobiphenyl	2.6E-16	2.5E-17	3.5E-17	2.1E-17	5.8E-17	4.0E-09	9.2E-09	5.0E-10	5.0E-10	1.9E-15	1.2E-14
Heptachlorobiphenyl	9.8E-18	2.9E-18	4.0E-18	2.4E-18	6.8E-18	5.4E-11	1.3E-10	6.8E-12	6.8E-12	1.2E-16	7.6E-16
Hexachlorobiphenyl	4.0E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	2.3E-10	5.3E-10	2.9E-11	2.9E-11	5.6E-16	3.4E-15
Monochlorobiphenyl	1.8E-15	1.7E-16	2.4E-16	1.4E-16	4.1E-16	2.8E-08	6.4E-08	3.5E-09	3.5E-09	1.4E-14	8.3E-14
Nonachlorobiphenyl	1.2E-18	5.1E-19	7.1E-19	4.3E-19	1.2E-18	7.7E-12	1.8E-11	9.6E-13	9.6E-13	2.2E-17	1.3E-16
Octachlorobiphenyl	2.9E-18	9.3E-19	1.3E-18	7.8E-19	2.2E-18	1.7E-11	3.8E-11	2.1E-12	2.1E-12	4.0E-17	2.5E-16

Table H-279 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	1.3E-16	4.7E-17	6.5E-17	3.9E-17	1.1E-16	7.8E-10	1.8E-09	9.8E-11	9.8E-11	2.0E-15	1.2E-14
Tetrachlorobiphenyl	7.8E-17	9.4E-18	1.3E-17	8.0E-18	2.2E-17	1.3E-09	3.0E-09	1.6E-10	1.6E-10	7.4E-16	4.6E-15
Trichlorobiphenyl	1.0E-16	1.1E-17	1.6E-17	9.6E-18	2.7E-17	1.6E-09	3.8E-09	2.0E-10	2.0E-10	8.9E-16	5.5E-15
Pesticides											
DDE				2.2E-09	1.2E-08					7.0E-08	4.3E-07
SVOCs											
1,2,4-trichlorobenzene						1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,2-dichlorobenzene	1.2E-19					4.7E-09	1.1E-08	5.8E-10	5.8E-10		
1,3-Butadiene						1.4E-03					
1,3-dichlorobenzene	3.0E-19					7.0E-09	1.6E-08	8.7E-10	8.7E-10		
1,4-dichlorobenzene	4.0E-18					6.5E-08	1.5E-07	8.1E-09	8.1E-09		
1,4-Dioxane						3.1E-03					
2,4-Dimethylphenol	1.1E-16					1.0E-06	2.4E-06	1.3E-07	1.3E-07		
2-Chlorophenol	5.5E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
2-Methylphenol	2.3E-15					2.4E-06	5.5E-06	3.0E-07	3.0E-07		
2-Nitrophenol	1.4E-17					3.2E-07	7.5E-07	4.0E-08	4.0E-08		
3-Methylphenol & 4-Methylphenol				1.6E-13	4.4E-13	4.3E-06	9.9E-06	5.4E-07	5.4E-07	7.7E-15	4.8E-14
4-Nitrophenol	2.8E-17					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Acetophenone	1.7E-16					5.1E-06	1.2E-05	6.4E-07	6.4E-07		
Benzoic acid	6.8E-16					2.3E-05	5.3E-05	2.9E-06	2.9E-06		
Benzyl alcohol	4.2E-19					1.9E-07	4.5E-07	2.4E-08	2.4E-08		
bis(2-Ethylhexyl) phthalate	2.1E-14	2.9E-13	4.0E-13	3.4E-13	9.5E-13	8.1E-06	1.9E-05	1.0E-06	1.0E-06	1.7E-14	1.0E-13
Butyl benzyl phthalate	7.5E-15	1.4E-16	1.9E-16	1.6E-16	4.6E-16	2.6E-07	5.9E-07	3.2E-08	3.2E-08	8.1E-18	5.0E-17
Carbazole				6.0E-16	1.7E-15	7.2E-09	1.7E-08	9.0E-10	9.0E-10	2.9E-17	1.8E-16

Table H-279 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Dibenzofuran		6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.1E-07	9.4E-07	5.1E-08	5.1E-08	1.0E-14	6.4E-14
Dimethyl phthalate	2.8E-18					1.4E-08	3.3E-08	1.8E-09	1.8E-09		
Di-n-butyl phthalate	7.2E-14	1.4E-16	1.9E-16	1.6E-16	4.6E-16	3.9E-07	9.1E-07	4.9E-08	4.9E-08	8.1E-18	5.0E-17
Di-n-octyl phthalate	5.4E-19	4.0E-16	5.6E-16	4.8E-16	1.3E-15	2.8E-08	6.4E-08	3.4E-09	3.4E-09	2.3E-17	1.4E-16
Hexachlorobutadiene	2.9E-16					1.9E-06	4.4E-06	2.4E-07	2.4E-07		
Isopropanol						3.5E-02					
Phenol	6.3E-15					1.3E-05	3.0E-05	1.6E-06	1.6E-06		
Pyridine	3.3E-16					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
TRS											
Total Reduced Sulfur						1.2E-05	2.9E-05	1.6E-06	1.6E-06		
VOCs											
1,1,1,2-Tetrachloroethane	1.2E-19					5.8E-09	1.3E-08	7.2E-10	7.2E-10		
1,1,1-Trichloroethane	7.5E-21					5.7E-09	1.3E-08	7.1E-10	7.1E-10		
1,1-Dichloroethene	2.6E-22					1.1E-09	2.6E-09	1.4E-10	1.4E-10		
1,2,3-Trichlorobenzene	8.0E-18					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2,3-Trichloropropane	4.6E-20					4.6E-09	1.1E-08	5.8E-10	5.8E-10		
1,2,4-Trimethylbenzene						2.7E-07	6.2E-07	3.3E-08	3.3E-08		
1,2-Dibromoethane	1.6E-20					3.0E-09	6.8E-09	3.7E-10	3.7E-10		
1,2-Dichloroethane	5.0E-19					1.5E-03	2.7E-07	4.3E-05	4.3E-05		
1,3,5-Trimethylbenzene	2.6E-18					2.5E-07	5.8E-07	3.1E-08	3.1E-08		
1,3-Dichloropropane						2.9E-09	6.6E-09	3.6E-10	3.6E-10		
2-Butanone	1.0E-16					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
2-Chlorotoluene						6.3E-08	1.5E-07	7.9E-09	7.9E-09		
2-Hexanone						2.9E-07	6.7E-07	3.6E-08	3.6E-08		

Table H-279 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzene	8.5E-17					3.6E-03	8.6E-05	4.2E-04	4.2E-04		
Bromobenzene						1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Bromochloromethane						3.8E-09	8.7E-09	4.7E-10	4.7E-10		
Bromodichloromethane	1.3E-20					4.1E-09	9.4E-09	5.1E-10	5.1E-10		
Bromomethane	5.7E-20					1.6E-07	3.8E-07	2.0E-08	2.0E-08		
Carbon disulfide	5.4E-20					1.4E-07	3.3E-07	1.8E-08	1.8E-08		
Carbon tetrachloride	5.8E-21					6.4E-03	2.2E-08	6.6E-04	6.6E-04		
Chlorobenzene	2.0E-18					2.1E-07	4.8E-07	2.6E-08	2.6E-08		
Chlorodibromomethane	7.8E-19					1.0E-07	2.3E-07	1.3E-08	1.3E-08		
Chloroethane	1.6E-19					3.9E-07	9.1E-07	4.9E-08	4.9E-08		
Chloroform	1.2E-19					1.1E-03	1.9E-07	1.0E-04	1.0E-04		
Chloromethane	4.2E-19					1.3E-06	3.1E-06	1.7E-07	1.7E-07		
cis-1,2-Dichloroethene	1.6E-19					1.7E-07	3.9E-07	2.1E-08	2.1E-08		
cis-1,3-Dichloropropene						1.0E-09	2.4E-09	1.3E-10	1.3E-10		
Dibromomethane	1.8E-20					8.7E-09	2.0E-08	1.1E-09	1.1E-09		
Dichlorodifluoromethane	2.0E-22					1.1E-08	2.5E-08	1.3E-09	1.3E-09		
Ethylbenzene	6.4E-17					4.1E-03	1.9E-05	1.0E-06	1.0E-06		
Isopropylbenzene	8.4E-20					6.8E-07	1.6E-06	8.4E-08	8.4E-08		
m&p-Xylene	1.0E-17					1.6E-06	3.6E-06	2.0E-07	2.0E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19					1.5E-08	3.5E-08	1.9E-09	1.9E-09		
Methylene chloride	1.1E-18					7.7E-07	1.8E-06	9.7E-08	9.7E-08		
n-Butylbenzene						3.3E-07	7.7E-07	4.2E-08	4.2E-08		
n-Propylbenzene						4.0E-07	9.3E-07	5.0E-08	5.0E-08		
o-Xylene	1.2E-17					9.8E-07	2.3E-06	1.2E-07	1.2E-07		

Table H-279 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
p-Chlorotoluene						2.4E-08	5.5E-08	3.0E-09	3.0E-09		
p-Isopropyltoluene						1.6E-07	3.8E-07	2.1E-08	2.1E-08		
sec-Butylbenzene						6.1E-08	1.4E-07	7.6E-09	7.6E-09		
Styrene	4.0E-16					2.2E-05	5.1E-05	2.7E-06	2.7E-06		
tert-Butylbenzene						2.0E-06	4.5E-06	2.4E-07	2.4E-07		
Tetrachloroethene	2.8E-20					5.2E-09	1.2E-08	6.5E-10	6.5E-10		
Toluene	6.7E-17					1.4E-05	3.1E-05	1.7E-06	1.7E-06		
trans-1,2-Dichloroethene	2.5E-18					3.6E-06	8.4E-06	4.5E-07	4.5E-07		
trans-1,3-Dichloropropene						1.8E-09	4.2E-09	2.3E-10	2.3E-10		
Trichloroethene	2.9E-22					2.0E-04	7.2E-10	3.9E-11	3.9E-11		
Trichlorofluoromethane	4.5E-22					3.7E-09	8.6E-09	4.7E-10	4.7E-10		
Vinyl chloride	2.1E-20					2.1E-07	4.9E-07	2.7E-08	2.7E-08		

Table H-280 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					5.7E-03	2.7E-02	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19	
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19	
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18	
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19	
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19	
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19	
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20	
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19	
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19	

Table H-280 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
DNT											
2,4-Dinitrotoluene		4.0E-07		4.7E-07						2.3E-11	
2,6-Dinitrotoluene		6.4E-07		7.6E-07						3.7E-11	
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				7.9E-03	1.9E-02					3.9E-07	2.1E-06
Antimony	1.6E-17			3.0E-07	1.7E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.5E-11	1.8E-11
Arsenic	8.1E-16	6.0E-07	1.8E-07	1.4E-06	8.6E-07	5.9E-10	1.4E-09	7.4E-11	7.4E-11	1.2E-10	1.6E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				1.9E-05	6.4E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	9.5E-10	6.9E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				1.7E-02	4.3E-02					8.3E-07	4.7E-06
Lead	6.9E-18			1.0E-04	1.4E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.0E-09	1.6E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16

Table H-280 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				1.5E-08	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	2.9E-08	1.8E-07
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18
Nickel	3.3E-15			4.0E-04	1.3E-03	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.0E-08	1.4E-07
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Thallium (Soluble Salts)				1.1E-07						5.2E-12	
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	1.6E-07	2.8E-12	1.4E-07	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	2.1E-09	1.3E-08
Benzo(a)pyrene	3.1E-12	2.6E-07	1.3E-07	2.4E-07	2.4E-07	1.2E-09	2.7E-09	1.5E-10	1.5E-10	1.2E-11	2.6E-11
Benzo(b)fluoranthene	8.3E-13	5.7E-07	1.2E-07	5.1E-07	2.2E-07	1.3E-09	3.0E-09	1.6E-10	1.6E-10	2.5E-11	2.3E-11

Table H-280 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	3.6E-08	1.1E-13	3.3E-08	2.0E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.6E-12	2.2E-17
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.3E-07	3.8E-12	2.1E-07	7.0E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.0E-11	7.5E-16
Dibenze(a,h)anthracene	1.6E-13	9.9E-09	4.8E-13	9.0E-09	8.7E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	4.4E-13	9.4E-17
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.4E-07	1.3E-12	1.3E-07	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	6.3E-12	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17

Table H-280 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16
Pesticides											
DDE				5.1E-08	2.8E-07					1.6E-09	1.0E-08
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						3.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
1,4-Dioxane						7.3E-05					
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18

Table H-280 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						8.2E-04					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					3.4E-05	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		

Table H-280 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)
Benzene	2.0E-15					8.4E-05	2.0E-06	9.7E-06	9.7E-06				
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09				
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11				
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11				
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10				
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10				
Carbon tetrachloride	1.3E-19					1.5E-04	5.0E-10	1.5E-05	1.5E-05				
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10				
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10				
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09				
Chloroform	2.8E-18					2.5E-05	4.5E-09	2.4E-06	2.4E-06				
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09				
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10				
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12				
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11				
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11				
Ethylbenzene	1.5E-15					9.6E-05	4.5E-07	2.4E-08	2.4E-08				
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09				
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09				
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11				
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09				
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10				
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09				
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09				

Table H-280 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					4.6E-06	1.7E-11	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10		

Table H-281 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.6E-05	1.3E-03	4.5E-06	4.3E-04		
Aldehydes											
Acetaldehyde	3.9E-15					6.2E-05	2.2E-03	7.8E-06	7.4E-04		
Formaldehyde	1.9E-14					2.4E-01	8.7E-04	3.3E-06	2.9E-04		
Propionaldehyde				9.6E-17	3.1E-15	6.8E-06	2.5E-04	8.5E-07	8.2E-05	7.2E-13	5.1E-11
CO											
Carbon monoxide						1.9E-03	7.1E-02	2.4E-04	2.4E-02		
CO2											
Carbon dioxide						6.0E-05	2.1E-03	7.5E-06	7.2E-04		
Criteria											
Sulfur Dioxide						1.6E-05	5.2E-04	2.0E-06	1.7E-04		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	5.3E-20	5.3E-17	1.0E-15	2.1E-16	7.9E-15	3.6E-11	1.4E-09	4.5E-12	4.8E-10	1.0E-17	8.5E-16
1,2,3,4,6,7,8-HpCDF	5.1E-20	5.4E-17	1.0E-15	2.1E-16	7.9E-15	3.7E-11	1.5E-09	4.6E-12	4.9E-10	1.0E-17	8.5E-16
1,2,3,4,7,8,9-HpCDF	7.8E-21	6.2E-18	1.2E-16	2.4E-17	9.5E-16	4.7E-12	1.9E-10	5.8E-13	6.3E-11	1.2E-18	1.0E-16
1,2,3,4,7,8-HxCDD	6.0E-20	6.1E-18	1.2E-16	2.4E-17	9.2E-16	4.4E-12	1.8E-10	5.4E-13	5.9E-11	1.2E-18	9.9E-17
1,2,3,4,7,8-HxCDF	4.1E-19	4.8E-17	9.2E-16	1.9E-16	7.3E-15	3.5E-11	1.4E-09	4.4E-12	4.8E-10	9.3E-18	7.9E-16
1,2,3,6,7,8-HxCDD	1.1E-19	1.2E-17	2.4E-16	4.9E-17	1.9E-15	9.2E-12	3.7E-10	1.1E-12	1.2E-10	2.4E-18	2.0E-16
1,2,3,6,7,8-HxCDF	1.5E-19	1.6E-17	3.1E-16	6.2E-17	2.4E-15	1.1E-11	4.7E-10	1.4E-12	1.6E-10	3.0E-18	2.6E-16
1,2,3,7,8,9-HxCDD	1.7E-19	1.9E-17	3.7E-16	7.7E-17	3.0E-15	1.4E-11	5.6E-10	1.7E-12	1.9E-10	3.8E-18	3.2E-16
1,2,3,7,8,9-HxCDF	1.2E-20	1.1E-18	2.2E-17	4.4E-18	1.7E-16	8.8E-13	3.6E-11	1.1E-13	1.2E-11	2.2E-19	1.9E-17
1,2,3,7,8-PeCDD	3.2E-19	6.8E-18	1.3E-16	2.7E-17	1.1E-15	5.5E-12	2.3E-10	6.9E-13	7.5E-11	1.3E-18	1.1E-16
1,2,3,7,8-PeCDF	4.4E-19	8.0E-18	1.6E-16	3.2E-17	1.2E-15	7.9E-12	3.2E-10	9.9E-13	1.1E-10	1.6E-18	1.3E-16

Table H-281 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	2.2E-19	2.5E-17	4.6E-16	9.7E-17	3.7E-15	1.8E-11	7.1E-10	2.2E-12	2.4E-10	4.7E-18	3.9E-16
2,3,4,7,8-PeCDF	7.0E-19	1.9E-17	3.8E-16	7.6E-17	3.0E-15	1.8E-11	7.2E-10	2.2E-12	2.4E-10	3.7E-18	3.2E-16
2,3,7,8-TCDD	1.1E-19	1.4E-18	2.0E-17	5.5E-18	1.6E-16	2.2E-12	7.4E-11	2.8E-13	2.5E-11	1.9E-16	1.2E-14
2,3,7,8-TCDF	3.4E-19	2.5E-18	5.0E-17	1.0E-17	4.0E-16	8.2E-12	3.4E-10	1.0E-12	1.1E-10	4.9E-19	4.3E-17
OCDD	7.1E-22	3.6E-17	6.6E-16	1.4E-16	5.2E-15	2.4E-11	9.5E-10	3.0E-12	3.2E-10	7.0E-18	5.6E-16
OCDF	2.6E-22	1.4E-17	2.5E-16	5.5E-17	2.0E-15	9.1E-12	3.5E-10	1.1E-12	1.2E-10	2.7E-18	2.1E-16
DNT											
2,4-Dinitrotoluene		1.7E-08		2.0E-08						1.0E-09	
2,6-Dinitrotoluene		2.7E-08		3.3E-08						1.6E-09	
HCN											
Hydrogen cyanide						6.8E-06	2.6E-04	8.5E-07	8.8E-05		
Metals											
Aluminum				3.4E-04						1.7E-05	
Antimony	6.7E-19			1.3E-08		4.5E-07	1.1E-05	5.6E-08	3.7E-06	6.4E-10	
Arsenic	3.5E-17	2.6E-08	2.1E-18	6.1E-08	9.8E-18	2.5E-08	9.0E-07	3.2E-09	3.0E-07	4.9E-09	1.8E-18
Barium	9.3E-14			1.2E-10	4.0E-09	5.4E-06	1.5E-04	6.7E-07	4.8E-05	5.7E-12	4.4E-10
Beryllium	1.4E-18			4.5E-17	1.7E-15	1.8E-09	6.2E-08	2.3E-10	2.1E-08	2.2E-18	1.8E-16
Cadmium	3.6E-16			3.5E-17	1.3E-15	3.2E-08	1.1E-06	4.1E-09	3.8E-07	1.7E-18	1.4E-16
Chromium	1.0E-16			3.0E-12	1.2E-10	2.8E-07	9.9E-06	3.5E-08	3.3E-06	1.5E-13	1.3E-11
Cobalt				8.3E-07	3.8E-10	4.2E-07	7.7E-06	5.3E-08	2.6E-06	4.1E-08	4.0E-11
Copper				1.2E-11	4.7E-10	7.6E-07	2.6E-05	9.5E-08	8.7E-06	6.1E-13	5.1E-11
Iron				7.3E-04						3.6E-05	
Lead	3.0E-19			4.4E-06	1.6E-13	2.6E-07	8.4E-06	3.2E-08	2.8E-06	2.2E-07	1.8E-14
Manganese				3.4E-14	1.3E-12	2.3E-07	8.1E-06	2.9E-08	2.7E-06	1.7E-15	1.4E-13

Table H-281 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				1.4E-15	4.2E-14	1.0E-09	3.6E-08	1.3E-10	1.2E-08	6.7E-17	4.6E-15
Mercury, elemental				6.4E-10		4.2E-12	1.5E-10	5.3E-13	4.9E-11	1.2E-06	
Methyl Mercury	3.6E-16			8.2E-17	3.2E-15					4.0E-18	3.4E-16
Nickel	1.4E-16			1.7E-05	6.6E-15	1.5E-07	5.1E-06	1.9E-08	1.7E-06	8.5E-07	7.2E-16
Phosphorus				3.2E-16	1.2E-14	1.1E-06	3.7E-05	1.4E-07	1.2E-05	3.1E-12	2.5E-10
Selenium	1.2E-17			1.7E-18	6.6E-17	7.5E-09	2.6E-07	9.3E-10	8.7E-08	8.5E-20	7.2E-18
Silver	8.6E-18			3.2E-14	1.2E-12	4.9E-09	1.6E-07	6.1E-10	5.3E-08	1.6E-15	1.3E-13
Thallium (Soluble Salts)				4.6E-09						2.2E-10	
Titanium				3.4E-16	1.4E-14	2.6E-09	9.8E-08	3.3E-10	3.3E-08	1.7E-17	1.5E-15
Zinc	1.8E-13			7.9E-15	2.8E-13	5.9E-06	1.7E-04	7.3E-07	5.6E-05	3.9E-16	3.0E-14
NOx											
NOx (Oxides of Nitrogen)						6.7E-05	2.2E-03	8.4E-06	7.5E-04		
PAHs											
1-Methylnaphthalene		1.0E-17	2.1E-16	9.3E-18	3.8E-16	1.4E-06	5.9E-05	1.8E-07	2.0E-05	1.1E-14	9.5E-13
1-Methylphenanthrene				6.2E-15	2.6E-13	1.7E-07	7.1E-06	2.1E-08	2.4E-06	3.0E-16	2.8E-14
2,3,5-Trimethylnaphthalene				2.9E-15	1.3E-13	8.4E-08	3.6E-06	1.0E-08	1.2E-06	1.4E-16	1.4E-14
2,6-Dimethylnaphthalene				8.0E-15	3.4E-13	2.2E-07	9.3E-06	2.8E-08	3.1E-06	3.9E-16	3.6E-14
2-Methylnaphthalene		9.9E-18	2.0E-16	9.0E-18	3.7E-16	1.4E-06	5.7E-05	1.7E-07	1.9E-05	1.0E-14	9.3E-13
Acenaphthylene				2.6E-14	1.1E-12	8.1E-07	3.4E-05	1.0E-07	1.1E-05	1.3E-15	1.2E-13
Acenaphthene	1.5E-16					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Anthracene	1.8E-15					2.6E-07	1.1E-05	3.2E-08	3.7E-06		
Benzo(a)anthracene	2.6E-13	6.7E-09	1.7E-12	6.1E-09	3.1E-12	1.3E-07	5.5E-06	1.6E-08	1.8E-06	9.2E-08	1.0E-10
Benzo(a)pyrene	1.3E-13	1.1E-08	7.3E-13	1.0E-08	1.3E-12	5.0E-08	2.1E-06	6.3E-09	7.0E-07	5.0E-10	1.4E-13
Benzo(b)fluoranthene	3.6E-14	2.4E-08	3.9E-14	2.2E-08	7.2E-14	5.6E-08	2.3E-06	7.0E-09	7.6E-07	1.1E-09	7.7E-15

Table H-281 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				1.5E-15	5.7E-14	4.3E-08	1.8E-06	5.4E-09	5.8E-07	7.2E-17	6.2E-15
Benzo(g,h,i)perylene				1.1E-15	4.4E-14	3.3E-08	1.4E-06	4.1E-09	4.5E-07	5.3E-17	4.7E-15
Benzo(k)fluoranthene	2.9E-16	1.6E-09	2.4E-14	1.4E-09	4.3E-14	5.0E-10	8.9E-09	6.2E-11	3.0E-09	6.9E-11	4.6E-15
Biphenyl				1.4E-16	6.0E-15	4.8E-06	2.0E-04	6.0E-07	6.7E-05	8.4E-14	7.7E-12
Chrysene	4.6E-14	9.7E-09	2.1E-12	8.8E-09	3.8E-12	2.2E-07	9.1E-06	2.7E-08	3.0E-06	4.3E-10	4.1E-13
Dibenzo(a,h)anthracene	6.6E-15	4.2E-10	2.6E-13	3.9E-10	4.7E-13	8.0E-09	3.3E-07	9.9E-10	1.1E-07	1.9E-11	5.0E-14
Fluoranthene	1.2E-14	2.7E-15	5.5E-14	2.5E-15	1.0E-13	3.2E-07	1.3E-05	4.0E-08	4.4E-06	1.2E-16	1.1E-14
Fluorene	2.6E-15					8.0E-07	3.4E-05	1.0E-07	1.1E-05		
Indeno(1,2,3-cd)pyrene	1.7E-14	6.1E-09	7.1E-13	5.5E-09	1.3E-12	2.6E-08	1.1E-06	3.3E-09	3.6E-07	2.7E-10	1.4E-13
Napthalene	1.2E-15					6.4E-06	2.7E-04	8.0E-07	8.8E-05		
Perylene				5.6E-16	2.6E-14	2.0E-08	8.7E-07	2.5E-09	2.9E-07	2.8E-17	2.8E-15
Phenanthrene	1.3E-14					1.5E-06	6.2E-05	1.9E-07	2.1E-05		
Pyrene	8.7E-15	9.2E-15	1.9E-13	8.3E-15	3.4E-13	3.1E-07	1.3E-05	3.9E-08	4.3E-06	2.3E-13	2.1E-11
Particulate											
Particulate Total Suspended Particulate				1.3E-10	5.2E-09	1.0E-03	3.9E-02	1.3E-04	1.3E-02	6.3E-12	5.6E-10
PM<10				1.6E-10	6.8E-09	1.3E-03	5.2E-02	1.7E-04	1.7E-02	8.0E-12	7.3E-10
PM<2.5				1.4E-10	5.7E-09	1.1E-03	4.5E-02	1.4E-04	1.5E-02	6.7E-12	6.2E-10
PCBs											
Dichlorobiphenyl	2.6E-16	2.5E-17	4.9E-16	2.1E-17	8.3E-16	4.0E-09	1.6E-07	5.0E-10	5.4E-08	1.9E-15	1.7E-13
Heptachlorobiphenyl	9.8E-18	2.9E-18	5.5E-17	2.4E-18	9.4E-17	5.4E-11	2.2E-09	6.8E-12	7.3E-10	1.2E-16	1.0E-14
Hexachlorobiphenyl	4.0E-17	1.3E-17	2.3E-16	1.1E-17	3.9E-16	2.3E-10	8.9E-09	2.9E-11	3.0E-09	5.6E-16	4.4E-14
Monochlorobiphenyl	1.8E-15	1.7E-16	3.4E-15	1.4E-16	5.8E-15	2.8E-08	1.1E-06	3.5E-09	3.8E-07	1.4E-14	1.2E-12
Nonachlorobiphenyl	1.2E-18	5.1E-19	7.9E-18	4.3E-19	1.3E-17	7.7E-12	2.7E-10	9.6E-13	9.1E-11	2.2E-17	1.5E-15
Octachlorobiphenyl	2.9E-18	9.3E-19	1.7E-17	7.8E-19	2.9E-17	1.7E-11	6.5E-10	2.1E-12	2.2E-10	4.0E-17	3.2E-15

Table H-281 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	1.3E-16	4.7E-17	8.0E-16	3.9E-17	1.3E-15	7.8E-10	3.0E-08	9.8E-11	9.9E-09	2.0E-15	1.5E-13
Tetrachlorobiphenyl	7.8E-17	9.4E-18	1.6E-16	8.0E-18	2.7E-16	1.3E-09	4.8E-08	1.6E-10	1.6E-08	7.4E-16	5.5E-14
Trichlorobiphenyl	1.0E-16	1.1E-17	2.0E-16	9.6E-18	3.4E-16	1.6E-09	6.3E-08	2.0E-10	2.1E-08	8.9E-16	7.0E-14
Pesticides											
DDE				2.2E-09						7.0E-08	
SVOCs											
1,2,4-trichlorobenzene						1.2E-08	3.7E-07	1.4E-09	1.2E-07		
1,2-dichlorobenzene	1.2E-19					4.7E-09	8.3E-08	5.8E-10	2.8E-08		
1,3-Butadiene						1.4E-03					
1,3-dichlorobenzene	3.0E-19					7.0E-09	2.4E-07	8.7E-10	7.9E-08		
1,4-dichlorobenzene	4.0E-18					6.5E-08	2.9E-06	8.1E-09	9.7E-07		
1,4-Dioxane						3.1E-03					
2,4-Dimethylphenol	1.1E-16					1.0E-06	4.1E-05	1.3E-07	1.4E-05		
2-Chlorophenol	5.5E-18					2.0E-07	8.8E-06	2.5E-08	2.9E-06		
2-Methylphenol	2.3E-15					2.4E-06	1.0E-04	3.0E-07	3.3E-05		
2-Nitrophenol	1.4E-17					3.2E-07	1.3E-05	4.0E-08	4.5E-06		
3-Methylphenol & 4-Methylphenol				1.6E-13	6.6E-12	4.3E-06	1.8E-04	5.4E-07	6.0E-05	7.7E-15	7.1E-13
4-Nitrophenol	2.8E-17					5.4E-07	2.1E-05	6.7E-08	6.9E-06		
Acetophenone	1.7E-16					5.1E-06	2.1E-04	6.4E-07	7.0E-05		
Benzoic acid	6.8E-16					2.3E-05	9.6E-04	2.9E-06	3.2E-04		
Benzyl alcohol	4.2E-19					1.9E-07	5.8E-06	2.4E-08	1.9E-06		
bis(2-Ethylhexyl) phthalate	2.1E-14	2.9E-13	5.2E-12	3.4E-13	1.2E-11	8.1E-06	3.2E-04	1.0E-06	1.1E-04	1.7E-14	1.3E-12
Butyl benzyl phthalate	7.5E-15	1.4E-16	2.8E-15	1.6E-16	6.7E-15	2.6E-07	1.1E-05	3.2E-08	3.5E-06	8.1E-18	7.3E-16
Carbazole				6.0E-16	1.1E-14	7.2E-09	1.3E-07	9.0E-10	4.3E-08	2.9E-17	1.2E-15

Table H-281 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Dibenzofuran		6.2E-18	1.2E-16	2.4E-17	9.7E-16	4.1E-07	1.7E-05	5.1E-08	5.6E-06	1.0E-14	9.1E-13
Dimethyl phthalate	2.8E-18					1.4E-08	2.5E-07	1.8E-09	8.5E-08		
Di-n-butyl phthalate	7.2E-14	1.4E-16	2.9E-15	1.6E-16	6.8E-15	3.9E-07	1.6E-05	4.9E-08	5.4E-06	8.1E-18	7.3E-16
Di-n-octyl phthalate	5.4E-19	4.0E-16	3.7E-15	4.8E-16	8.8E-15	2.8E-08	4.9E-07	3.4E-09	1.6E-07	2.3E-17	9.5E-16
Hexachlorobutadiene	2.9E-16					1.9E-06	3.4E-05	2.4E-07	1.1E-05		
Isopropanol						3.5E-02					
Phenol	6.3E-15					1.3E-05	5.3E-04	1.6E-06	1.8E-04		
Pyridine	3.3E-16					1.2E-06	5.1E-05	1.5E-07	1.7E-05		
TRS											
Total Reduced Sulfur						1.2E-05	5.4E-04	1.6E-06	1.8E-04		
VOCs											
1,1,1,2-Tetrachloroethane	1.2E-19					5.8E-09	2.0E-07	7.2E-10	6.5E-08		
1,1,1-Trichloroethane	7.5E-21					5.7E-09	2.1E-07	7.1E-10	7.1E-08		
1,1-Dichloroethene	2.6E-22					1.1E-09	2.0E-08	1.4E-10	6.6E-09		
1,2,3-Trichlorobenzene	8.0E-18					2.3E-08	8.5E-07	2.9E-09	2.8E-07		
1,2,3-Trichloropropane	4.6E-20					4.6E-09	8.3E-08	5.8E-10	2.8E-08		
1,2,4-Trimethylbenzene						2.7E-07	8.5E-06	3.3E-08	2.8E-06		
1,2-Dibromoethane	1.6E-20					3.0E-09	5.3E-08	3.7E-10	1.8E-08		
1,2-Dichloroethane	5.0E-19					1.5E-03	4.5E-06	4.3E-05	1.5E-06		
1,3,5-Trimethylbenzene	2.6E-18					2.5E-07	7.5E-06	3.1E-08	2.5E-06		
1,3-Dichloropropane						2.9E-09	5.1E-08	3.6E-10	1.7E-08		
2-Butanone	1.0E-16					1.4E-06	5.6E-05	1.8E-07	1.9E-05		
2-Chlorotoluene						6.3E-08	2.6E-06	7.9E-09	8.7E-07		
2-Hexanone						2.9E-07	1.1E-05	3.6E-08	3.5E-06		

Table H-281 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Benzene	8.5E-17					3.6E-03	1.5E-03	4.2E-04	4.9E-04		
Bromobenzene						1.6E-06	2.8E-05	2.0E-07	9.5E-06		
Bromochloromethane						3.8E-09	6.7E-08	4.7E-10	2.2E-08		
Bromodichloromethane	1.3E-20					4.1E-09	7.3E-08	5.1E-10	2.4E-08		
Bromomethane	5.7E-20					1.6E-07	4.9E-06	2.0E-08	1.6E-06		
Carbon disulfide	5.4E-20					1.4E-07	4.2E-06	1.8E-08	1.4E-06		
Carbon tetrachloride	5.8E-21					6.4E-03	1.7E-07	6.6E-04	5.6E-08		
Chlorobenzene	2.0E-18					2.1E-07	7.4E-06	2.6E-08	2.5E-06		
Chlorodibromomethane	7.8E-19					1.0E-07	1.8E-06	1.3E-08	6.0E-07		
Chloroethane	1.6E-19					3.9E-07	1.4E-05	4.9E-08	4.5E-06		
Chloroform	1.2E-19					1.1E-03	1.6E-06	1.0E-04	5.5E-07		
Chloromethane	4.2E-19					1.3E-06	4.0E-05	1.7E-07	1.3E-05		
cis-1,2-Dichloroethene	1.6E-19					1.7E-07	3.0E-06	2.1E-08	1.0E-06		
cis-1,3-Dichloropropene						1.0E-09	1.9E-08	1.3E-10	6.2E-09		
Dibromomethane	1.8E-20					8.7E-09	1.6E-07	1.1E-09	5.2E-08		
Dichlorodifluoromethane	2.0E-22					1.1E-08	1.9E-07	1.3E-09	6.3E-08		
Ethylbenzene	6.4E-17					4.1E-03	3.2E-04	1.0E-06	1.1E-04		
Isopropylbenzene	8.4E-20					6.8E-07	2.3E-05	8.4E-08	7.7E-06		
m&p-Xylene	1.0E-17					1.6E-06	5.3E-05	2.0E-07	1.8E-05		
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19					1.5E-08	2.7E-07	1.9E-09	9.1E-08		
Methylene chloride	1.1E-18					7.7E-07	2.8E-05	9.7E-08	9.5E-06		
n-Butylbenzene						3.3E-07	9.9E-06	4.2E-08	3.3E-06		
n-Propylbenzene						4.0E-07	1.3E-05	5.0E-08	4.4E-06		
o-Xylene	1.2E-17					9.8E-07	3.3E-05	1.2E-07	1.1E-05		

Table H-281 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
p-Chlorotoluene						2.4E-08	7.2E-07	3.0E-09	2.4E-07		
p-Isopropyltoluene						1.6E-07	3.9E-06	2.1E-08	1.3E-06		
sec-Butylbenzene						6.1E-08	1.9E-06	7.6E-09	6.2E-07		
Styrene	4.0E-16					2.2E-05	8.0E-04	2.7E-06	2.7E-04		
tert-Butylbenzene						2.0E-06	3.5E-05	2.4E-07	1.2E-05		
Tetrachloroethene	2.8E-20					5.2E-09	1.8E-07	6.5E-10	6.0E-08		
Toluene	6.7E-17					1.4E-05	5.3E-04	1.7E-06	1.8E-04		
trans-1,2-Dichloroethene	2.5E-18					3.6E-06	6.5E-05	4.5E-07	2.2E-05		
trans-1,3-Dichloropropene						1.8E-09	3.2E-08	2.3E-10	1.1E-08		
Trichloroethene	2.9E-22					2.0E-04	5.6E-09	3.9E-11	1.9E-09		
Trichlorofluoromethane	4.5E-22					3.7E-09	6.7E-08	4.7E-10	2.2E-08		
Vinyl chloride	2.1E-20					2.1E-07	5.2E-06	2.7E-08	1.7E-06		

Table H-282 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	3.0E-05	1.0E-07	9.9E-06		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	5.2E-05	1.8E-07	1.7E-05		
Formaldehyde	4.5E-13					5.7E-03	2.0E-05	7.7E-08	6.8E-06		
Propionaldehyde				2.2E-15	7.2E-14	1.6E-07	5.8E-06	2.0E-08	1.9E-06	1.7E-14	1.2E-12
CO											
Carbon monoxide						4.5E-05	1.7E-03	5.6E-06	5.6E-04		
CO2											
Carbon dioxide						1.4E-06	5.0E-05	1.8E-07	1.7E-05		
Criteria											
Sulfur Dioxide						3.8E-07	1.2E-05	4.7E-08	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	4.0E-14	8.5E-15	3.2E-13	8.5E-13	3.4E-11	1.1E-13	1.1E-11	4.2E-19	3.4E-17
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	4.1E-14	8.6E-15	3.2E-13	8.6E-13	3.4E-11	1.1E-13	1.1E-11	4.2E-19	3.5E-17
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	4.9E-15	9.9E-16	3.9E-14	1.1E-13	4.4E-12	1.4E-14	1.5E-12	4.8E-20	4.2E-18
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	4.7E-15	9.7E-16	3.7E-14	1.0E-13	4.1E-12	1.3E-14	1.4E-12	4.7E-20	4.0E-18
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	3.8E-14	7.7E-15	3.0E-13	8.3E-13	3.3E-11	1.0E-13	1.1E-11	3.8E-19	3.2E-17
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	9.7E-15	2.0E-15	7.7E-14	2.1E-13	8.7E-12	2.7E-14	2.9E-12	9.7E-20	8.3E-18
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	1.2E-14	2.5E-15	9.8E-14	2.7E-13	1.1E-11	3.4E-14	3.6E-12	1.2E-19	1.1E-17
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.5E-14	3.1E-15	1.2E-13	3.2E-13	1.3E-11	4.1E-14	4.4E-12	1.5E-19	1.3E-17
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	8.9E-16	1.8E-16	7.1E-15	2.1E-14	8.4E-13	2.6E-15	2.8E-13	8.8E-21	7.6E-19
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	5.4E-15	1.1E-15	4.3E-14	1.3E-13	5.3E-12	1.6E-14	1.8E-12	5.4E-20	4.6E-18
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	6.4E-15	1.3E-15	5.1E-14	1.8E-13	7.5E-12	2.3E-14	2.5E-12	6.3E-20	5.5E-18

Table H-282 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.9E-14	3.9E-15	1.5E-13	4.2E-13	1.7E-11	5.2E-14	5.6E-12	1.9E-19	1.6E-17
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.5E-14	3.1E-15	1.2E-13	4.1E-13	1.7E-11	5.2E-14	5.6E-12	1.5E-19	1.3E-17
2,3,7,8-TCDD	2.7E-18	5.5E-17	8.0E-16	2.2E-16	6.3E-15	5.2E-14	1.7E-12	6.5E-15	5.8E-13	7.4E-18	4.7E-16
2,3,7,8-TCDF	8.2E-18	1.0E-16	2.0E-15	4.0E-16	1.6E-14	1.9E-13	7.8E-12	2.4E-14	2.6E-12	2.0E-20	1.7E-18
OCDD	2.5E-20	1.5E-15	2.7E-14	5.8E-15	2.1E-13	5.6E-13	2.2E-11	7.0E-14	7.4E-12	2.8E-19	2.3E-17
OCDF	9.3E-21	5.7E-16	1.0E-14	2.2E-15	8.0E-14	2.1E-13	8.2E-12	2.6E-14	2.7E-12	1.1E-19	8.6E-18
DNT											
2,4-Dinitrotoluene		4.0E-07		4.7E-07						2.3E-11	
2,6-Dinitrotoluene		6.4E-07		7.6E-07						3.7E-11	
HCN											
Hydrogen cyanide						1.6E-07	6.2E-06	2.0E-08	2.1E-06		
Metals											
Aluminum				7.9E-03						3.9E-07	
Antimony	1.6E-17			3.0E-07		1.0E-08	2.6E-07	1.3E-09	8.6E-08	1.5E-11	
Arsenic	8.1E-16	6.0E-07	4.8E-17	1.4E-06	2.3E-16	5.9E-10	2.1E-08	7.4E-11	7.0E-09	1.2E-10	4.1E-20
Barium	2.7E-12			4.4E-09	1.5E-07	1.3E-07	3.4E-06	1.6E-08	1.1E-06	2.1E-13	1.6E-11
Beryllium	3.3E-17			1.0E-15	3.9E-14	4.3E-11	1.5E-09	5.4E-12	4.8E-10	5.1E-20	4.3E-18
Cadmium	8.3E-15			8.2E-16	3.1E-14	7.6E-10	2.6E-08	9.5E-11	8.8E-09	4.0E-20	3.4E-18
Chromium	2.8E-15			9.6E-11	3.7E-09	6.5E-09	2.3E-07	8.1E-10	7.7E-08	4.7E-15	4.0E-13
Cobalt				1.9E-05	1.4E-08	9.8E-09	1.8E-07	1.2E-09	6.0E-08	9.5E-10	1.5E-12
Copper				4.5E-10	1.7E-08	1.8E-08	6.1E-07	2.2E-09	2.0E-07	2.2E-14	1.8E-12
Iron				1.7E-02						8.3E-07	
Lead	6.9E-18			1.0E-04	3.8E-12	6.0E-09	2.0E-07	7.5E-10	6.5E-08	5.0E-09	4.1E-16
Manganese				8.0E-13	3.1E-11	5.5E-09	1.9E-07	6.8E-10	6.3E-08	3.9E-17	3.3E-15

Table H-282 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				6.4E-14	2.0E-12	2.4E-11	8.3E-10	2.9E-12	2.8E-10	3.1E-18	2.1E-16
Mercury, elemental				1.5E-08		9.8E-14	3.5E-12	1.2E-14	1.2E-12	2.9E-08	
Methyl Mercury	1.3E-14			3.8E-15	1.5E-13					1.9E-19	1.6E-17
Nickel	3.3E-15			4.0E-04	1.6E-13	3.5E-09	1.2E-07	4.3E-10	4.0E-08	2.0E-08	1.7E-17
Phosphorus				7.5E-15	2.8E-13	2.6E-08	8.6E-07	3.3E-09	2.9E-07	7.2E-14	5.9E-12
Selenium	2.8E-16			4.0E-17	1.6E-15	1.7E-10	6.1E-09	2.2E-11	2.0E-09	2.0E-21	1.7E-19
Silver	2.1E-16			8.5E-13	3.2E-11	1.1E-10	3.7E-09	1.4E-11	1.2E-09	4.2E-17	3.4E-15
Thallium (Soluble Salts)				1.1E-07						5.2E-12	
Titanium				8.0E-15	3.2E-13	6.1E-11	2.3E-09	7.6E-12	7.6E-10	3.9E-19	3.5E-17
Zinc	4.1E-12			1.8E-13	6.5E-12	1.4E-07	3.9E-06	1.7E-08	1.3E-06	9.0E-18	7.0E-16
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	5.2E-05	2.0E-07	1.7E-05		
PAHs											
1-Methylnaphthalene		2.4E-16	4.9E-15	2.2E-16	8.9E-15	3.3E-08	1.4E-06	4.1E-09	4.6E-07	2.5E-16	2.2E-14
1-Methylphenanthrene				1.5E-13	6.0E-12	3.9E-09	1.7E-07	4.9E-10	5.5E-08	7.1E-18	6.5E-16
2,3,5-Trimethylnaphthalene				6.8E-14	3.0E-12	1.9E-09	8.4E-08	2.4E-10	2.8E-08	3.3E-18	3.2E-16
2,6-Dimethylnaphthalene				1.9E-13	7.9E-12	5.1E-09	2.2E-07	6.4E-10	7.3E-08	9.1E-18	8.5E-16
2-Methylnaphthalene		2.3E-16	4.7E-15	2.1E-16	8.6E-15	3.2E-08	1.3E-06	4.0E-09	4.4E-07	2.4E-16	2.2E-14
Acenaphthylene				6.0E-13	2.5E-11	1.9E-08	8.0E-07	2.4E-09	2.7E-07	2.9E-17	2.7E-15
Acenaphthene	3.4E-15					3.5E-09	1.4E-07	4.3E-10	4.8E-08		
Anthracene	4.3E-14					6.1E-09	2.6E-07	7.6E-10	8.6E-08		
Benzo(a)anthracene	6.2E-12	1.6E-07	4.4E-11	1.4E-07	8.0E-11	3.0E-09	1.3E-07	3.7E-10	4.3E-08	2.1E-09	2.7E-12
Benzo(a)pyrene	3.1E-12	2.6E-07	1.8E-11	2.4E-07	3.3E-11	1.2E-09	4.9E-08	1.5E-10	1.6E-08	1.2E-11	3.6E-15
Benzo(b)fluoranthene	8.3E-13	5.7E-07	1.0E-12	5.1E-07	1.8E-12	1.3E-09	5.3E-08	1.6E-10	1.8E-08	2.5E-11	2.0E-16

Table H-282 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				3.4E-14	1.3E-12	1.0E-09	4.1E-08	1.3E-10	1.4E-08	1.7E-18	1.4E-16
Benzo(g,h,i)perylene				2.5E-14	1.0E-12	7.7E-10	3.2E-08	9.6E-11	1.1E-08	1.2E-18	1.1E-16
Benzo(k)fluoranthene	7.9E-15	3.6E-08	7.3E-13	3.3E-08	1.3E-12	1.2E-11	2.1E-10	1.5E-12	6.9E-11	1.6E-12	1.4E-16
Biphenyl				3.3E-15	1.4E-13	1.1E-07	4.7E-06	1.4E-08	1.6E-06	2.0E-15	1.8E-13
Chrysene	1.1E-12	2.3E-07	5.6E-11	2.1E-07	1.0E-10	5.1E-09	2.1E-07	6.4E-10	7.1E-08	1.0E-11	1.1E-14
Dibenze(a,h)anthracene	1.6E-13	9.9E-09	6.8E-12	9.0E-09	1.2E-11	1.9E-10	7.6E-09	2.3E-11	2.5E-09	4.4E-13	1.3E-15
Fluoranthene	2.8E-13	6.8E-14	1.4E-12	6.1E-14	2.5E-12	7.5E-09	3.1E-07	9.4E-10	1.0E-07	3.0E-18	2.7E-16
Fluorene	6.1E-14					1.9E-08	7.9E-07	2.3E-09	2.6E-07		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.4E-07	1.8E-11	1.3E-07	3.3E-11	6.2E-10	2.5E-08	7.7E-11	8.5E-09	6.3E-12	3.6E-15
Napthalene	2.8E-14					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Perylene				1.3E-14	6.2E-13	4.6E-10	2.0E-08	5.8E-11	6.8E-09	6.5E-19	6.6E-17
Phenanthrene	2.9E-13					3.5E-08	1.5E-06	4.4E-09	4.8E-07		
Pyrene	2.0E-13	2.8E-13	5.7E-12	2.5E-13	1.0E-11	7.3E-09	3.0E-07	9.1E-10	1.0E-07	7.1E-15	6.4E-13
Particulate											
Particulate Total Suspended Particulate				3.0E-09	1.2E-07	2.3E-05	9.0E-04	2.9E-06	3.0E-04	1.5E-13	1.3E-11
PM<10				3.8E-09	1.6E-07	3.1E-05	1.2E-03	3.9E-06	4.0E-04	1.9E-13	1.7E-11
PM<2.5				3.2E-09	1.3E-07	2.6E-05	1.0E-03	3.3E-06	3.5E-04	1.6E-13	1.4E-11
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	2.0E-14	8.3E-16	3.3E-14	9.3E-11	3.8E-09	1.2E-11	1.3E-09	7.8E-17	6.8E-15
Heptachlorobiphenyl	2.3E-16	1.2E-16	2.2E-15	9.8E-17	3.8E-15	1.3E-12	5.1E-11	1.6E-13	1.7E-11	5.0E-18	4.2E-16
Hexachlorobiphenyl	9.4E-16	5.2E-16	9.4E-15	4.4E-16	1.6E-14	5.3E-12	2.1E-10	6.7E-13	6.9E-11	2.3E-17	1.8E-15
Monochlorobiphenyl	4.3E-14	6.9E-15	1.4E-13	5.8E-15	2.3E-13	6.5E-10	2.7E-08	8.1E-11	8.9E-09	5.4E-16	4.7E-14
Nonachlorobiphenyl	2.9E-17	2.0E-17	3.2E-16	1.7E-17	5.4E-16	1.8E-13	6.4E-12	2.2E-14	2.1E-12	8.8E-19	6.0E-17
Octachlorobiphenyl	6.9E-17	3.8E-17	6.9E-16	3.2E-17	1.2E-15	3.9E-13	1.5E-11	4.9E-14	5.1E-12	1.6E-18	1.3E-16

Table H-282 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	3.1E-15	1.9E-15	3.2E-14	1.6E-15	5.5E-14	1.8E-11	6.9E-10	2.3E-12	2.3E-10	8.1E-17	6.1E-15
Tetrachlorobiphenyl	1.8E-15	3.8E-16	6.4E-15	3.2E-16	1.1E-14	3.0E-11	1.1E-09	3.8E-12	3.8E-10	3.0E-17	2.2E-15
Trichlorobiphenyl	2.4E-15	4.5E-16	8.1E-15	3.8E-16	1.4E-14	3.8E-11	1.5E-09	4.8E-12	4.9E-10	3.6E-17	2.8E-15
Pesticides											
DDE				5.1E-08						1.6E-09	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	8.7E-09	3.4E-11	2.9E-09		
1,2-dichlorobenzene	2.8E-18					1.1E-10	1.9E-09	1.4E-11	6.5E-10		
1,3-Butadiene						3.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	5.5E-09	2.0E-11	1.8E-09		
1,4-dichlorobenzene	9.2E-17					1.5E-09	6.8E-08	1.9E-10	2.3E-08		
1,4-Dioxane						7.3E-05					
2,4-Dimethylphenol	2.5E-15					2.4E-08	9.5E-07	3.0E-09	3.2E-07		
2-Chlorophenol	1.3E-16					4.7E-09	2.1E-07	5.9E-10	6.9E-08		
2-Methylphenol	5.3E-14					5.6E-08	2.3E-06	7.0E-09	7.8E-07		
2-Nitrophenol	3.2E-16					7.6E-09	3.1E-07	9.4E-10	1.0E-07		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.5E-10	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.8E-16	1.7E-14
4-Nitrophenol	6.5E-16					1.3E-08	4.8E-07	1.6E-09	1.6E-07		
Acetophenone	3.9E-15					1.2E-07	4.9E-06	1.5E-08	1.6E-06		
Benzoic acid	1.6E-14					5.4E-07	2.2E-05	6.7E-08	7.5E-06		
Benzyl alcohol	9.8E-18					4.5E-09	1.4E-07	5.6E-10	4.5E-08		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	1.2E-10	8.0E-12	2.9E-10	1.9E-07	7.4E-06	2.4E-08	2.5E-06	3.9E-16	3.1E-14
Butyl benzyl phthalate	1.8E-13	3.3E-15	6.6E-14	3.8E-15	1.6E-13	6.0E-09	2.5E-07	7.5E-10	8.3E-08	1.9E-19	1.7E-17
Carbazole				1.4E-14	2.6E-13	1.7E-10	3.0E-09	2.1E-11	1.0E-09	6.9E-19	2.8E-17

Table H-282 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Dibenzofuran		1.4E-16	2.9E-15	5.7E-16	2.3E-14	9.5E-09	3.9E-07	1.2E-09	1.3E-07	2.4E-16	2.1E-14
Dimethyl phthalate	6.5E-17					3.3E-10	5.9E-09	4.2E-11	2.0E-09		
Di-n-butyl phthalate	1.7E-12	3.3E-15	6.7E-14	3.9E-15	1.6E-13	9.2E-09	3.8E-07	1.1E-09	1.3E-07	1.9E-19	1.7E-17
Di-n-octyl phthalate	1.3E-17	9.4E-15	8.7E-14	1.1E-14	2.1E-13	6.4E-10	1.1E-08	8.0E-11	3.8E-09	5.5E-19	2.2E-17
Hexachlorobutadiene	6.7E-15					4.4E-08	7.9E-07	5.5E-09	2.6E-07		
Isopropanol						8.2E-04					
Phenol	1.5E-13					3.0E-07	1.2E-05	3.8E-08	4.2E-06		
Pyridine	7.7E-15					2.9E-08	1.2E-06	3.6E-09	4.0E-07		
TRS											
Total Reduced Sulfur						2.9E-07	1.3E-05	3.6E-08	4.2E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	4.6E-09	1.7E-11	1.5E-09		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	5.0E-09	1.7E-11	1.7E-09		
1,1-Dichloroethene	6.0E-21					2.6E-11	4.6E-10	3.2E-12	1.5E-10		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	2.0E-08	6.7E-11	6.6E-09		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	1.9E-09	1.4E-11	6.4E-10		
1,2,4-Trimethylbenzene						6.2E-09	2.0E-07	7.8E-10	6.6E-08		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.2E-09	8.6E-12	4.1E-10		
1,2-Dichloroethane	1.2E-17					3.4E-05	1.0E-07	1.0E-06	3.5E-08		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.7E-07	7.3E-10	5.8E-08		
1,3-Dichloropropane						6.7E-11	1.2E-09	8.4E-12	4.0E-10		
2-Butanone	2.4E-15					3.3E-08	1.3E-06	4.1E-09	4.4E-07		
2-Chlorotoluene						1.5E-09	6.1E-08	1.8E-10	2.0E-08		
2-Hexanone						6.8E-09	2.5E-07	8.4E-10	8.2E-08		

Table H-282 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Benzene	2.0E-15					8.4E-05	3.4E-05	9.7E-06	1.1E-05		
Bromobenzene						3.7E-08	6.6E-07	4.7E-09	2.2E-07		
Bromochloromethane						8.8E-11	1.6E-09	1.1E-11	5.2E-10		
Bromodichloromethane	3.1E-19					9.5E-11	1.7E-09	1.2E-11	5.7E-10		
Bromomethane	1.3E-18					3.8E-09	1.1E-07	4.8E-10	3.8E-08		
Carbon disulfide	1.3E-18					3.3E-09	9.8E-08	4.2E-10	3.3E-08		
Carbon tetrachloride	1.3E-19					1.5E-04	3.9E-09	1.5E-05	1.3E-09		
Chlorobenzene	4.7E-17					4.8E-09	1.7E-07	6.0E-10	5.7E-08		
Chlorodibromomethane	1.8E-17					2.4E-09	4.2E-08	3.0E-10	1.4E-08		
Chloroethane	3.7E-18					9.1E-09	3.2E-07	1.1E-09	1.1E-07		
Chloroform	2.8E-18					2.5E-05	3.8E-08	2.4E-06	1.3E-08		
Chloromethane	9.8E-18					3.1E-08	9.4E-07	3.9E-09	3.1E-07		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	7.1E-08	5.0E-10	2.4E-08		
cis-1,3-Dichloropropene						2.4E-11	4.3E-10	3.0E-12	1.4E-10		
Dibromomethane	4.2E-19					2.0E-10	3.6E-09	2.5E-11	1.2E-09		
Dichlorodifluoromethane	4.7E-21					2.5E-10	4.4E-09	3.1E-11	1.5E-09		
Ethylbenzene	1.5E-15					9.6E-05	7.4E-06	2.4E-08	2.5E-06		
Isopropylbenzene	2.0E-18					1.6E-08	5.4E-07	2.0E-09	1.8E-07		
m&p-Xylene	2.4E-16					3.6E-08	1.2E-06	4.6E-09	4.1E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	6.4E-09	4.5E-11	2.1E-09		
Methylene chloride	2.6E-17					1.8E-08	6.6E-07	2.3E-09	2.2E-07		
n-Butylbenzene						7.8E-09	2.3E-07	9.7E-10	7.7E-08		
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07		
o-Xylene	2.8E-16					2.3E-08	7.6E-07	2.9E-09	2.5E-07		

Table H-282 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)
p-Chlorotoluene						5.5E-10	1.7E-08	6.9E-11	5.6E-09			
p-Isopropyltoluene						3.8E-09	9.2E-08	4.8E-10	3.1E-08			
sec-Butylbenzene						1.4E-09	4.3E-08	1.8E-10	1.4E-08			
Styrene	9.4E-15					5.1E-07	1.9E-05	6.4E-08	6.2E-06			
tert-Butylbenzene						4.6E-08	8.1E-07	5.7E-09	2.7E-07			
Tetrachloroethene	6.6E-19					1.2E-10	4.2E-09	1.5E-11	1.4E-09			
Toluene	1.6E-15					3.2E-07	1.2E-05	3.9E-08	4.1E-06			
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	1.5E-06	1.1E-08	5.0E-07			
trans-1,3-Dichloropropene						4.2E-11	7.5E-10	5.3E-12	2.5E-10			
Trichloroethene	6.8E-21					4.6E-06	1.3E-10	9.1E-13	4.3E-11			
Trichlorofluoromethane	1.0E-20					8.7E-11	1.6E-09	1.1E-11	5.2E-10			
Vinyl chloride	4.8E-19					5.0E-09	1.2E-07	6.2E-10	4.0E-08			

Table H-283 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			3.6E-05	4.5E-06	
Aldehydes					
Acetaldehyde			6.2E-05	7.8E-06	
Formaldehyde			2.6E-05	3.3E-06	
Propionaldehyde		9.6E-17	6.8E-06	8.5E-07	7.2E-13
CO					
Carbon monoxide			1.9E-03	2.4E-04	
CO2					
Carbon dioxide			6.0E-05	7.5E-06	
Criteria					
Sulfur Dioxide			1.6E-05	2.0E-06	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	5.3E-17	2.1E-16	3.6E-11	4.5E-12	1.0E-17
1,2,3,4,6,7,8-HpCDF	5.4E-17	2.1E-16	3.7E-11	4.6E-12	1.0E-17
1,2,3,4,7,8,9-HpCDF	6.2E-18	2.4E-17	4.7E-12	5.8E-13	1.2E-18
1,2,3,4,7,8-HxCDD	6.1E-18	2.4E-17	4.4E-12	5.4E-13	1.2E-18
1,2,3,4,7,8-HxCDF	4.8E-17	1.9E-16	3.5E-11	4.4E-12	9.3E-18
1,2,3,6,7,8-HxCDD	1.2E-17	4.9E-17	9.2E-12	1.1E-12	2.4E-18
1,2,3,6,7,8-HxCDF	1.6E-17	6.2E-17	1.1E-11	1.4E-12	3.0E-18
1,2,3,7,8,9-HxCDD	1.9E-17	7.7E-17	1.4E-11	1.7E-12	3.8E-18
1,2,3,7,8,9-HxCDF	1.1E-18	4.4E-18	8.8E-13	1.1E-13	2.2E-19

Table H-283 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	6.8E-18	2.7E-17	5.5E-12	6.9E-13	1.3E-18
1,2,3,7,8-PeCDF	8.0E-18	3.2E-17	7.9E-12	9.9E-13	1.6E-18
2,3,4,6,7,8-HxCDF	2.5E-17	9.7E-17	1.8E-11	2.2E-12	4.7E-18
2,3,4,7,8-PeCDF	1.9E-17	7.6E-17	1.8E-11	2.2E-12	3.7E-18
2,3,7,8-TCDD	1.4E-18	5.5E-18	2.2E-12	2.8E-13	1.9E-16
2,3,7,8-TCDF	2.5E-18	1.0E-17	8.2E-12	1.0E-12	4.9E-19
OCDD	3.6E-17	1.4E-16	2.4E-11	3.0E-12	7.0E-18
OCDF	1.4E-17	5.5E-17	9.1E-12	1.1E-12	2.7E-18
HCN					
Hydrogen cyanide			6.8E-06	8.5E-07	
Metals					
Aluminum		4.0E-04			2.0E-05
Antimony		1.8E-08	4.5E-07	5.6E-08	9.0E-10
Arsenic	8.4E-09	2.0E-08	2.5E-08	3.2E-09	1.6E-09
Barium		1.2E-10	5.4E-06	6.7E-07	5.7E-12
Beryllium		4.5E-17	1.8E-09	2.3E-10	2.2E-18
Cadmium		3.5E-17	3.2E-08	4.1E-09	1.7E-18
Chromium		3.0E-12	2.8E-07	3.5E-08	1.5E-13
Cobalt		7.7E-07	4.2E-07	5.3E-08	3.8E-08
Copper		1.2E-11	7.6E-07	9.5E-08	6.1E-13
Iron		7.4E-04			3.6E-05
Lead		3.7E-06	2.6E-07	3.2E-08	1.8E-07

Table H-283 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		3.4E-14	2.3E-07	2.9E-08	1.7E-15
Mercury (+2)		1.4E-15	1.0E-09	1.3E-10	6.7E-17
Mercury, elemental		9.7E-10	4.2E-12	5.3E-13	1.9E-06
Methyl Mercury		8.2E-17			4.0E-18
Nickel		1.7E-05	1.5E-07	1.9E-08	8.4E-07
Phosphorus		3.2E-16	1.1E-06	1.4E-07	3.1E-12
Selenium		1.7E-18	7.5E-09	9.3E-10	8.5E-20
Silver		3.2E-14	4.9E-09	6.1E-10	1.6E-15
Titanium		3.4E-16	2.6E-09	3.3E-10	1.7E-17
Zinc		7.9E-15	5.9E-06	7.3E-07	3.9E-16
NOx					
NOx (Oxides of Nitrogen)			6.7E-05	8.4E-06	
PAHs					
1-Methylnaphthalene	1.0E-17	9.3E-18	1.4E-06	1.8E-07	1.1E-14
1-Methylphenanthrene		6.2E-15	1.7E-07	2.1E-08	3.0E-16
2,3,5-Trimethylnaphthalene		2.9E-15	8.4E-08	1.0E-08	1.4E-16
2,6-Dimethylnaphthalene		8.0E-15	2.2E-07	2.8E-08	3.9E-16
2-Methylnaphthalene	9.9E-18	9.0E-18	1.4E-06	1.7E-07	1.0E-14
Acenaphthylene		2.6E-14	8.1E-07	1.0E-07	1.3E-15
Acenaphthene			1.5E-07	1.9E-08	
Anthracene			2.6E-07	3.2E-08	
Benzo(a)anthracene	3.8E-07	3.5E-07	1.3E-07	1.6E-08	5.3E-06

Table H-283 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)pyrene	3.2E-07	2.9E-07	5.0E-08	6.3E-09	1.4E-08
Benzo(b)fluoranthene	5.2E-07	4.8E-07	5.6E-08	7.0E-09	2.3E-08
Benzo(e)pyrene		1.5E-15	4.3E-08	5.4E-09	7.2E-17
Benzo(g,h,i)perylene		1.1E-15	3.3E-08	4.1E-09	5.3E-17
Benzo(k)fluoranthene	2.8E-07	2.6E-07	5.0E-10	6.2E-11	1.3E-08
Biphenyl		1.4E-16	4.8E-06	6.0E-07	8.4E-14
Chrysene	4.0E-07	3.7E-07	2.2E-07	2.7E-08	1.8E-08
Dibenze(a,h)anthracene	6.3E-08	5.7E-08	8.0E-09	9.9E-10	2.8E-09
Fluoranthene	2.7E-15	2.5E-15	3.2E-07	4.0E-08	1.2E-16
Fluorene			8.0E-07	1.0E-07	
Indeno(1,2,3-cd)pyrene	8.3E-08	7.5E-08	2.6E-08	3.3E-09	3.7E-09
Napthalene	8.0E-09	7.3E-09	6.4E-06	8.0E-07	1.1E-05
Perylene		5.6E-16	2.0E-08	2.5E-09	2.8E-17
Phenanthrene			1.5E-06	1.9E-07	
Pyrene	9.2E-15	8.3E-15	3.1E-07	3.9E-08	2.3E-13
Particulate					
Particulate Total Suspended Particulate		1.3E-10	1.0E-03	1.3E-04	6.3E-12
PM<10		1.6E-10	1.3E-03	1.7E-04	8.0E-12
PM<2.5		1.4E-10	1.1E-03	1.4E-04	6.7E-12
PCBs					
Dichlorobiphenyl	2.5E-17	2.1E-17	4.0E-09	5.0E-10	1.9E-15
Heptachlorobiphenyl	2.9E-18	2.4E-18	5.4E-11	6.8E-12	1.2E-16

Table H-283 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Hexachlorobiphenyl	1.3E-17	1.1E-17	2.3E-10	2.9E-11	5.6E-16
Monochlorobiphenyl	1.7E-16	1.4E-16	2.8E-08	3.5E-09	1.4E-14
Nonachlorobiphenyl	5.1E-19	4.3E-19	7.7E-12	9.6E-13	2.2E-17
Octachlorobiphenyl	9.3E-19	7.8E-19	1.7E-11	2.1E-12	4.0E-17
Pentachlorobiphenyl	4.7E-17	3.9E-17	7.8E-10	9.8E-11	2.0E-15
Tetrachlorobiphenyl	9.4E-18	8.0E-18	1.3E-09	1.6E-10	7.4E-16
Trichlorobiphenyl	1.1E-17	9.6E-18	1.6E-09	2.0E-10	8.9E-16
Pesticides					
DDE		2.8E-08			8.7E-07
Dieldrin	2.6E-09	3.1E-09			1.5E-10
SVOCs					
1,2,4-trichlorobenzene			1.2E-08	1.4E-09	
1,2-dichlorobenzene			4.7E-09	5.8E-10	
1,3-Butadiene			1.2E-03		
1,3-dichlorobenzene			7.0E-09	8.7E-10	
1,4-dichlorobenzene			6.5E-08	8.1E-09	
2,4-Dimethylphenol			1.0E-06	1.3E-07	
2-Chlorophenol			2.0E-07	2.5E-08	
2-Methylphenol			2.4E-06	3.0E-07	
2-Nitrophenol			3.2E-07	4.0E-08	
3-Methylphenol & 4-Methylphenol		1.6E-13	4.3E-06	5.4E-07	7.7E-15
4-Nitrophenol			5.4E-07	6.7E-08	

Table H-283 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			5.1E-06	6.4E-07	
Benzoic acid			2.3E-05	2.9E-06	
Benzyl alcohol			1.9E-07	2.4E-08	
bis(2-Ethylhexyl) phthalate	2.9E-13	3.4E-13	8.1E-06	1.0E-06	1.7E-14
Butyl benzyl phthalate	1.4E-16	1.6E-16	2.6E-07	3.2E-08	8.1E-18
Carbazole		6.0E-16	7.2E-09	9.0E-10	2.9E-17
Dibenzofuran	6.2E-18	2.4E-17	4.1E-07	5.1E-08	1.0E-14
Dimethyl phthalate			1.4E-08	1.8E-09	
Di-n-butyl phthalate	1.4E-16	1.6E-16	3.9E-07	4.9E-08	8.1E-18
Di-n-octyl phthalate	4.0E-16	4.8E-16	2.8E-08	3.4E-09	2.3E-17
Hexachlorobutadiene			1.9E-06	2.4E-07	
Isopropanol			1.4E-01		
Phenol			1.3E-05	1.6E-06	
Pyridine			1.2E-06	1.5E-07	
TRS					
Total Reduced Sulfur			1.2E-05	1.6E-06	
VOCs					
1,1,1,2-Tetrachloroethane			5.8E-09	7.2E-10	
1,1,1-Trichloroethane			5.7E-09	7.1E-10	
1,1-Dichloroethene			1.1E-09	1.4E-10	
1,2,3-Trichlorobenzene			2.3E-08	2.9E-09	
1,2,3-Trichloropropane			4.6E-09	5.8E-10	

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Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			2.7E-07	3.3E-08	
1,2-Dibromoethane			3.0E-09	3.7E-10	
1,2-Dichloroethane			1.2E-07	4.3E-05	
1,3,5-Trimethylbenzene			2.5E-07	3.1E-08	
1,3-Dichloropropane			2.9E-09	3.6E-10	
2-Butanone			1.4E-06	1.8E-07	
2-Chlorotoluene			6.3E-08	7.9E-09	
2-Hexanone			2.9E-07	3.6E-08	
Benzene			4.7E-03	4.2E-04	
Bromobenzene			1.6E-06	2.0E-07	
Bromochloromethane			3.8E-09	4.7E-10	
Bromodichloromethane			4.1E-09	5.1E-10	
Bromomethane			1.6E-07	2.0E-08	
Carbon disulfide			1.4E-07	1.8E-08	
Carbon tetrachloride			6.0E-03	6.6E-04	
Chlorobenzene			2.1E-07	2.6E-08	
Chlorodibromomethane			1.0E-07	1.3E-08	
Chloroethane			3.9E-07	4.9E-08	
Chloroform			1.4E-03	1.0E-04	
Chloromethane			1.3E-06	1.7E-07	
cis-1,2-Dichloroethene			1.7E-07	2.1E-08	
cis-1,3-Dichloropropene			1.0E-09	1.3E-10	

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Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			8.7E-09	1.1E-09	
Dichlorodifluoromethane			1.1E-08	1.3E-09	
Ethylbenzene			2.3E-03	1.0E-06	
Isopropylbenzene			6.8E-07	8.4E-08	
m&p-Xylene			1.6E-06	2.0E-07	
Methyl Isobutyl Ketone (4-methyl-2-penta			1.5E-08	1.9E-09	
Methylene chloride			7.7E-07	9.7E-08	
n-Butylbenzene			3.3E-07	4.2E-08	
n-Propylbenzene			4.0E-07	5.0E-08	
o-Xylene			9.8E-07	1.2E-07	
p-Chlorotoluene			2.4E-08	3.0E-09	
p-Isopropyltoluene			1.6E-07	2.1E-08	
sec-Butylbenzene			6.1E-08	7.6E-09	
Styrene			2.2E-05	2.7E-06	
tert-Butylbenzene			2.0E-06	2.4E-07	
Tetrachloroethene			5.2E-09	6.5E-10	
Toluene			1.4E-05	1.7E-06	
trans-1,2-Dichloroethene			3.6E-06	4.5E-07	
trans-1,3-Dichloropropene			1.8E-09	2.3E-10	
Trichloroethene			1.6E-03	3.9E-11	
Trichlorofluoromethane			3.7E-09	4.7E-10	
Vinyl chloride			1.3E-04	2.7E-08	

Table H-284 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			8.4E-07	1.0E-07	
Aldehydes					
Acetaldehyde			1.4E-06	1.8E-07	
Formaldehyde			6.2E-07	7.7E-08	
Propionaldehyde		2.2E-15	1.6E-07	2.0E-08	1.7E-14
CO					
Carbon monoxide			4.5E-05	5.6E-06	
CO2					
Carbon dioxide			1.4E-06	1.8E-07	
Criteria					
Sulfur Dioxide			3.8E-07	4.7E-08	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	2.2E-15	8.5E-15	8.5E-13	1.1E-13	4.2E-19
1,2,3,4,6,7,8-HpCDF	2.2E-15	8.6E-15	8.6E-13	1.1E-13	4.2E-19
1,2,3,4,7,8,9-HpCDF	2.5E-16	9.9E-16	1.1E-13	1.4E-14	4.8E-20
1,2,3,4,7,8-HxCDD	2.5E-16	9.7E-16	1.0E-13	1.3E-14	4.7E-20
1,2,3,4,7,8-HxCDF	2.0E-15	7.7E-15	8.3E-13	1.0E-13	3.8E-19
1,2,3,6,7,8-HxCDD	5.0E-16	2.0E-15	2.1E-13	2.7E-14	9.7E-20
1,2,3,6,7,8-HxCDF	6.4E-16	2.5E-15	2.7E-13	3.4E-14	1.2E-19
1,2,3,7,8,9-HxCDD	7.9E-16	3.1E-15	3.2E-13	4.1E-14	1.5E-19
1,2,3,7,8,9-HxCDF	4.6E-17	1.8E-16	2.1E-14	2.6E-15	8.8E-21

Table H-284 (Average Daily Dose)

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Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	2.8E-16	1.1E-15	1.3E-13	1.6E-14	5.4E-20
1,2,3,7,8-PeCDF	3.3E-16	1.3E-15	1.8E-13	2.3E-14	6.3E-20
2,3,4,6,7,8-HxCDF	1.0E-15	3.9E-15	4.2E-13	5.2E-14	1.9E-19
2,3,4,7,8-PeCDF	7.8E-16	3.1E-15	4.1E-13	5.2E-14	1.5E-19
2,3,7,8-TCDD	5.5E-17	2.2E-16	5.2E-14	6.5E-15	7.4E-18
2,3,7,8-TCDF	1.0E-16	4.0E-16	1.9E-13	2.4E-14	2.0E-20
OCDD	1.5E-15	5.8E-15	5.6E-13	7.0E-14	2.8E-19
OCDF	5.7E-16	2.2E-15	2.1E-13	2.6E-14	1.1E-19
HCN					
Hydrogen cyanide			1.6E-07	2.0E-08	
Metals					
Aluminum		9.4E-03			4.6E-07
Antimony		4.3E-07	1.0E-08	1.3E-09	2.1E-11
Arsenic	2.0E-07	4.6E-07	5.9E-10	7.4E-11	3.8E-11
Barium		4.4E-09	1.3E-07	1.6E-08	2.1E-13
Beryllium		1.0E-15	4.3E-11	5.4E-12	5.1E-20
Cadmium		8.2E-16	7.6E-10	9.5E-11	4.0E-20
Chromium		9.6E-11	6.5E-09	8.1E-10	4.7E-15
Cobalt		1.8E-05	9.8E-09	1.2E-09	8.8E-10
Copper		4.5E-10	1.8E-08	2.2E-09	2.2E-14
Iron		1.7E-02			8.4E-07
Lead		8.6E-05	6.0E-09	7.5E-10	4.2E-09

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Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		8.0E-13	5.5E-09	6.8E-10	3.9E-17
Mercury (+2)		6.4E-14	2.4E-11	2.9E-12	3.1E-18
Mercury, elemental		2.3E-08	9.8E-14	1.2E-14	4.3E-08
Methyl Mercury		3.8E-15			1.9E-19
Nickel		4.0E-04	3.5E-09	4.3E-10	2.0E-08
Phosphorus		7.5E-15	2.6E-08	3.3E-09	7.2E-14
Selenium		4.0E-17	1.7E-10	2.2E-11	2.0E-21
Silver		8.5E-13	1.1E-10	1.4E-11	4.2E-17
Titanium		8.0E-15	6.1E-11	7.6E-12	3.9E-19
Zinc		1.8E-13	1.4E-07	1.7E-08	9.0E-18
NOx					
NOx (Oxides of Nitrogen)			1.6E-06	2.0E-07	
PAHs					
1-Methylnaphthalene	2.4E-16	2.2E-16	3.3E-08	4.1E-09	2.5E-16
1-Methylphenanthrene		1.5E-13	3.9E-09	4.9E-10	7.1E-18
2,3,5-Trimethylnaphthalene		6.8E-14	1.9E-09	2.4E-10	3.3E-18
2,6-Dimethylnaphthalene		1.9E-13	5.1E-09	6.4E-10	9.1E-18
2-Methylnaphthalene	2.3E-16	2.1E-16	3.2E-08	4.0E-09	2.4E-16
Acenaphthylene		6.0E-13	1.9E-08	2.4E-09	2.9E-17
Acenaphthene			3.5E-09	4.3E-10	
Anthracene			6.1E-09	7.6E-10	
Benzo(a)anthracene	9.0E-06	8.1E-06	3.0E-09	3.7E-10	1.2E-07

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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)pyrene	7.5E-06	6.8E-06	1.2E-09	1.5E-10	3.4E-10
Benzo(b)fluoranthene	1.2E-05	1.1E-05	1.3E-09	1.6E-10	5.5E-10
Benzo(e)pyrene		3.4E-14	1.0E-09	1.3E-10	1.7E-18
Benzo(g,h,i)perylene		2.5E-14	7.7E-10	9.6E-11	1.2E-18
Benzo(k)fluoranthene	6.6E-06	6.0E-06	1.2E-11	1.5E-12	2.9E-10
Biphenyl		3.3E-15	1.1E-07	1.4E-08	2.0E-15
Chrysene	9.4E-06	8.6E-06	5.1E-09	6.4E-10	4.2E-10
Dibenze(a,h)anthracene	1.5E-06	1.3E-06	1.9E-10	2.3E-11	6.5E-11
Fluoranthene	6.8E-14	6.1E-14	7.5E-09	9.4E-10	3.0E-18
Fluorene			1.9E-08	2.3E-09	
Indeno(1,2,3-cd)pyrene	1.9E-06	1.8E-06	6.2E-10	7.7E-11	8.6E-11
Napthalene	1.9E-07	1.7E-07	1.5E-07	1.9E-08	2.5E-07
Perylene		1.3E-14	4.6E-10	5.8E-11	6.5E-19
Phenanthrene			3.5E-08	4.4E-09	
Pyrene	2.8E-13	2.5E-13	7.3E-09	9.1E-10	7.1E-15
Particulate					
Particulate Total Suspended Particulate		3.0E-09	2.3E-05	2.9E-06	1.5E-13
PM<10		3.8E-09	3.1E-05	3.9E-06	1.9E-13
PM<2.5		3.2E-09	2.6E-05	3.3E-06	1.6E-13
PCBs					
Dichlorobiphenyl	9.9E-16	8.3E-16	9.3E-11	1.2E-11	7.8E-17
Heptachlorobiphenyl	1.2E-16	9.8E-17	1.3E-12	1.6E-13	5.0E-18

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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Hexachlorobiphenyl	5.2E-16	4.4E-16	5.3E-12	6.7E-13	2.3E-17
Monochlorobiphenyl	6.9E-15	5.8E-15	6.5E-10	8.1E-11	5.4E-16
Nonachlorobiphenyl	2.0E-17	1.7E-17	1.8E-13	2.2E-14	8.8E-19
Octachlorobiphenyl	3.8E-17	3.2E-17	3.9E-13	4.9E-14	1.6E-18
Pentachlorobiphenyl	1.9E-15	1.6E-15	1.8E-11	2.3E-12	8.1E-17
Tetrachlorobiphenyl	3.8E-16	3.2E-16	3.0E-11	3.8E-12	3.0E-17
Trichlorobiphenyl	4.5E-16	3.8E-16	3.8E-11	4.8E-12	3.6E-17
Pesticides					
DDE		6.4E-07			2.0E-08
Dieldrin	6.2E-08	7.3E-08			3.6E-12
SVOCs					
1,2,4-trichlorobenzene			2.7E-10	3.4E-11	
1,2-dichlorobenzene			1.1E-10	1.4E-11	
1,3-Butadiene			2.7E-05		
1,3-dichlorobenzene			1.6E-10	2.0E-11	
1,4-dichlorobenzene			1.5E-09	1.9E-10	
2,4-Dimethylphenol			2.4E-08	3.0E-09	
2-Chlorophenol			4.7E-09	5.9E-10	
2-Methylphenol			5.6E-08	7.0E-09	
2-Nitrophenol			7.6E-09	9.4E-10	
3-Methylphenol & 4-Methylphenol		3.7E-12	1.0E-07	1.3E-08	1.8E-16
4-Nitrophenol			1.3E-08	1.6E-09	

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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			1.2E-07	1.5E-08	
Benzoic acid			5.4E-07	6.7E-08	
Benzyl alcohol			4.5E-09	5.6E-10	
bis(2-Ethylhexyl) phthalate	6.7E-12	8.0E-12	1.9E-07	2.4E-08	3.9E-16
Butyl benzyl phthalate	3.3E-15	3.8E-15	6.0E-09	7.5E-10	1.9E-19
Carbazole		1.4E-14	1.7E-10	2.1E-11	6.9E-19
Dibenzofuran	1.4E-16	5.7E-16	9.5E-09	1.2E-09	2.4E-16
Dimethyl phthalate			3.3E-10	4.2E-11	
Di-n-butyl phthalate	3.3E-15	3.9E-15	9.2E-09	1.1E-09	1.9E-19
Di-n-octyl phthalate	9.4E-15	1.1E-14	6.4E-10	8.0E-11	5.5E-19
Hexachlorobutadiene			4.4E-08	5.5E-09	
Isopropanol			3.2E-03		
Phenol			3.0E-07	3.8E-08	
Pyridine			2.9E-08	3.6E-09	
TRS					
Total Reduced Sulfur			2.9E-07	3.6E-08	
VOCs					
1,1,1,2-Tetrachloroethane			1.3E-10	1.7E-11	
1,1,1-Trichloroethane			1.3E-10	1.7E-11	
1,1-Dichloroethene			2.6E-11	3.2E-12	
1,2,3-Trichlorobenzene			5.3E-10	6.7E-11	
1,2,3-Trichloropropane			1.1E-10	1.4E-11	

Table H-284 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			6.2E-09	7.8E-10	
1,2-Dibromoethane			6.9E-11	8.6E-12	
1,2-Dichloroethane			2.8E-09	1.0E-06	
1,3,5-Trimethylbenzene			5.9E-09	7.3E-10	
1,3-Dichloropropane			6.7E-11	8.4E-12	
2-Butanone			3.3E-08	4.1E-09	
2-Chlorotoluene			1.5E-09	1.8E-10	
2-Hexanone			6.8E-09	8.4E-10	
Benzene			1.1E-04	9.7E-06	
Bromobenzene			3.7E-08	4.7E-09	
Bromochloromethane			8.8E-11	1.1E-11	
Bromodichloromethane			9.5E-11	1.2E-11	
Bromomethane			3.8E-09	4.8E-10	
Carbon disulfide			3.3E-09	4.2E-10	
Carbon tetrachloride			1.4E-04	1.5E-05	
Chlorobenzene			4.8E-09	6.0E-10	
Chlorodibromomethane			2.4E-09	3.0E-10	
Chloroethane			9.1E-09	1.1E-09	
Chloroform			3.2E-05	2.4E-06	
Chloromethane			3.1E-08	3.9E-09	
cis-1,2-Dichloroethene			4.0E-09	5.0E-10	
cis-1,3-Dichloropropene			2.4E-11	3.0E-12	

Table H-284 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			2.0E-10	2.5E-11	
Dichlorodifluoromethane			2.5E-10	3.1E-11	
Ethylbenzene			5.3E-05	2.4E-08	
Isopropylbenzene			1.6E-08	2.0E-09	
m&p-Xylene			3.6E-08	4.6E-09	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.6E-10	4.5E-11	
Methylene chloride			1.8E-08	2.3E-09	
n-Butylbenzene			7.8E-09	9.7E-10	
n-Propylbenzene			9.4E-09	1.2E-09	
o-Xylene			2.3E-08	2.9E-09	
p-Chlorotoluene			5.5E-10	6.9E-11	
p-Isopropyltoluene			3.8E-09	4.8E-10	
sec-Butylbenzene			1.4E-09	1.8E-10	
Styrene			5.1E-07	6.4E-08	
tert-Butylbenzene			4.6E-08	5.7E-09	
Tetrachloroethene			1.2E-10	1.5E-11	
Toluene			3.2E-07	3.9E-08	
trans-1,2-Dichloroethene			8.4E-08	1.1E-08	
trans-1,3-Dichloropropene			4.2E-11	5.3E-12	
Trichloroethene			3.7E-05	9.1E-13	
Trichlorofluoromethane			8.7E-11	1.1E-11	
Vinyl chloride			3.0E-06	6.2E-10	

Table H-285 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.6E-05	8.3E-05	4.5E-06	4.5E-06		
Aldehydes											
Acetaldehyde	3.9E-15					6.2E-05	1.4E-04	7.8E-06	7.8E-06		
Formaldehyde	1.9E-14					2.6E-05	6.1E-05	3.3E-06	3.3E-06		
Propionaldehyde				9.6E-17	2.7E-16	6.8E-06	1.6E-05	8.5E-07	8.5E-07	7.2E-13	4.4E-12
CO											
Carbon monoxide						1.9E-03	4.4E-03	2.4E-04	2.4E-04		
CO2											
Carbon dioxide						6.0E-05	1.4E-04	7.5E-06	7.5E-06		
Criteria											
Sulfur Dioxide						1.6E-05	3.7E-05	2.0E-06	2.0E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	5.3E-20	5.3E-17	7.4E-17	2.1E-16	5.9E-16	3.6E-11	8.4E-11	4.5E-12	4.5E-12	1.0E-17	6.3E-17
1,2,3,4,6,7,8-HpCDF	5.1E-20	5.4E-17	7.5E-17	2.1E-16	5.9E-16	3.7E-11	8.5E-11	4.6E-12	4.6E-12	1.0E-17	6.4E-17
1,2,3,4,7,8,9-HpCDF	7.8E-21	6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.7E-12	1.1E-11	5.8E-13	5.8E-13	1.2E-18	7.4E-18
1,2,3,4,7,8-HxCDD	6.0E-20	6.1E-18	8.5E-18	2.4E-17	6.7E-17	4.4E-12	1.0E-11	5.4E-13	5.4E-13	1.2E-18	7.2E-18
1,2,3,4,7,8-HxCDF	4.1E-19	4.8E-17	6.7E-17	1.9E-16	5.3E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	9.3E-18	5.7E-17
1,2,3,6,7,8-HxCDD	1.1E-19	1.2E-17	1.7E-17	4.9E-17	1.4E-16	9.2E-12	2.1E-11	1.1E-12	1.1E-12	2.4E-18	1.5E-17
1,2,3,6,7,8-HxCDF	1.5E-19	1.6E-17	2.2E-17	6.2E-17	1.7E-16	1.1E-11	2.7E-11	1.4E-12	1.4E-12	3.0E-18	1.9E-17
1,2,3,7,8,9-HxCDD	1.7E-19	1.9E-17	2.7E-17	7.7E-17	2.1E-16	1.4E-11	3.2E-11	1.7E-12	1.7E-12	3.8E-18	2.3E-17
1,2,3,7,8,9-HxCDF	1.2E-20	1.1E-18	1.6E-18	4.4E-18	1.2E-17	8.8E-13	2.0E-12	1.1E-13	1.1E-13	2.2E-19	1.3E-18
1,2,3,7,8-PeCDD	3.2E-19	6.8E-18	9.6E-18	2.7E-17	7.6E-17	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.3E-18	8.1E-18
1,2,3,7,8-PeCDF	4.4E-19	8.0E-18	1.1E-17	3.2E-17	8.9E-17	7.9E-12	1.8E-11	9.9E-13	9.9E-13	1.6E-18	9.6E-18

Table H-285 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	2.2E-19	2.5E-17	3.4E-17	9.7E-17	2.7E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	4.7E-18	2.9E-17
2,3,4,7,8-PeCDF	7.0E-19	1.9E-17	2.7E-17	7.6E-17	2.1E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	3.7E-18	2.3E-17
2,3,7,8-TCDD	1.1E-19	1.4E-18	1.9E-18	5.5E-18	1.5E-17	2.2E-12	5.1E-12	2.8E-13	2.8E-13	1.9E-16	1.1E-15
2,3,7,8-TCDF	3.4E-19	2.5E-18	3.5E-18	1.0E-17	2.8E-17	8.2E-12	1.9E-11	1.0E-12	1.0E-12	4.9E-19	3.0E-18
OCDD	7.1E-22	3.6E-17	5.0E-17	1.4E-16	4.0E-16	2.4E-11	5.6E-11	3.0E-12	3.0E-12	7.0E-18	4.3E-17
OCDF	2.6E-22	1.4E-17	1.9E-17	5.5E-17	1.5E-16	9.1E-12	2.1E-11	1.1E-12	1.1E-12	2.7E-18	1.7E-17
HCN											
Hydrogen cyanide						6.8E-06	1.6E-05	8.5E-07	8.5E-07		
Metals											
Aluminum				4.0E-04	8.4E-04					2.0E-05	9.1E-05
Antimony	6.7E-19			1.8E-08	6.2E-08	4.5E-07	1.0E-06	5.6E-08	5.6E-08	9.0E-10	6.6E-09
Arsenic	3.5E-17	8.4E-09	9.8E-09	2.0E-08	4.7E-08	2.5E-08	5.9E-08	3.2E-09	3.2E-09	1.6E-09	8.4E-09
Barium	9.3E-14			1.2E-10	3.3E-10	5.4E-06	1.2E-05	6.7E-07	6.7E-07	5.7E-12	3.5E-11
Beryllium	1.4E-18			4.5E-17	1.3E-16	1.8E-09	4.3E-09	2.3E-10	2.3E-10	2.2E-18	1.4E-17
Cadmium	3.6E-16			3.5E-17	9.8E-17	3.2E-08	7.5E-08	4.1E-09	4.1E-09	1.7E-18	1.1E-17
Chromium	1.0E-16			3.0E-12	8.5E-12	2.8E-07	6.4E-07	3.5E-08	3.5E-08	1.5E-13	9.2E-13
Cobalt				7.7E-07	1.6E-06	4.2E-07	9.7E-07	5.3E-08	5.3E-08	3.8E-08	1.7E-07
Copper				1.2E-11	3.5E-11	7.6E-07	1.8E-06	9.5E-08	9.5E-08	6.1E-13	3.8E-12
Iron				7.4E-04	1.6E-03					3.6E-05	1.7E-04
Lead	3.0E-19			3.7E-06	9.8E-06	2.6E-07	5.9E-07	3.2E-08	3.2E-08	1.8E-07	1.1E-06
Manganese				3.4E-14	9.6E-14	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.7E-15	1.0E-14
Mercury (+2)				1.4E-15	3.9E-15	1.0E-09	2.3E-09	1.3E-10	1.3E-10	6.7E-17	4.2E-16
Mercury, elemental				9.7E-10	1.9E-09	4.2E-12	9.7E-12	5.3E-13	5.3E-13	1.9E-06	1.1E-05
Methyl Mercury	3.6E-16			8.2E-17	2.3E-16					4.0E-18	2.5E-17

Table H-285 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	1.4E-16			1.7E-05	3.0E-05	1.5E-07	3.4E-07	1.9E-08	1.9E-08	8.4E-07	3.3E-06
Phosphorus				3.2E-16	9.0E-16	1.1E-06	2.6E-06	1.4E-07	1.4E-07	3.1E-12	1.9E-11
Selenium	1.2E-17			1.7E-18	4.8E-18	7.5E-09	1.7E-08	9.3E-10	9.3E-10	8.5E-20	5.2E-19
Silver	8.6E-18			3.2E-14	8.9E-14	4.9E-09	1.1E-08	6.1E-10	6.1E-10	1.6E-15	9.6E-15
Thallium (Soluble Salts)					7.2E-09						7.8E-10
Titanium				3.4E-16	9.6E-16	2.6E-09	6.0E-09	3.3E-10	3.3E-10	1.7E-17	1.0E-16
Zinc	1.8E-13			7.9E-15	2.2E-14	5.9E-06	1.4E-05	7.3E-07	7.3E-07	3.9E-16	2.4E-15
NOx											
NOx (Oxides of Nitrogen)						6.7E-05	1.6E-04	8.4E-06	8.4E-06		
PAHs											
1-Methylnaphthalene		1.0E-17	1.4E-17	9.3E-18	2.6E-17	1.4E-06	3.3E-06	1.8E-07	1.8E-07	1.1E-14	6.5E-14
1-Methylphenanthrene				6.2E-15	1.7E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	3.0E-16	1.9E-15
2,3,5-Trimethylnaphthalene				2.9E-15	8.2E-15	8.4E-08	1.9E-07	1.0E-08	1.0E-08	1.4E-16	8.8E-16
2,6-Dimethylnaphthalene				8.0E-15	2.2E-14	2.2E-07	5.1E-07	2.8E-08	2.8E-08	3.9E-16	2.4E-15
2-Methylnaphthalene		9.9E-18	1.4E-17	9.0E-18	2.5E-17	1.4E-06	3.2E-06	1.7E-07	1.7E-07	1.0E-14	6.4E-14
Acenaphthylene				2.6E-14	7.2E-14	8.1E-07	1.9E-06	1.0E-07	1.0E-07	1.3E-15	7.7E-15
Acenaphthene	1.5E-16					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Anthracene	1.8E-15					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
Benzo(a)anthracene	2.6E-13	3.8E-07	2.2E-08	3.5E-07	4.0E-08	1.3E-07	3.0E-07	1.6E-08	1.6E-08	5.3E-06	3.2E-05
Benzo(a)pyrene	1.3E-13	3.2E-07	2.4E-08	2.9E-07	4.4E-08	5.0E-08	1.2E-07	6.3E-09	6.3E-09	1.4E-08	4.7E-09
Benzo(b)fluoranthene	3.6E-14	5.2E-07	3.4E-08	4.8E-07	6.1E-08	5.6E-08	1.3E-07	7.0E-09	7.0E-09	2.3E-08	6.6E-09
Benzo(e)pyrene				1.5E-15	4.1E-15	4.3E-08	9.9E-08	5.4E-09	5.4E-09	7.2E-17	4.4E-16
Benzo(g,h,i)perylene				1.1E-15	3.0E-15	3.3E-08	7.6E-08	4.1E-09	4.1E-09	5.3E-17	3.2E-16
Benzo(k)fluoranthene	2.9E-16	2.8E-07	1.7E-08	2.6E-07	3.1E-08	5.0E-10	1.2E-09	6.2E-11	6.2E-11	1.3E-08	3.3E-09

Table H-285 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				1.4E-16	4.0E-16	4.8E-06	1.1E-05	6.0E-07	6.0E-07	8.4E-14	5.2E-13
Chrysene	4.6E-14	4.0E-07	2.5E-08	3.7E-07	4.5E-08	2.2E-07	5.1E-07	2.7E-08	2.7E-08	1.8E-08	4.8E-09
Dibenze(a,h)anthracene	6.6E-15	6.3E-08	6.0E-09	5.7E-08	1.1E-08	8.0E-09	1.8E-08	9.9E-10	9.9E-10	2.8E-09	1.2E-09
Fluoranthene	1.2E-14	2.7E-15	3.8E-15	2.5E-15	6.9E-15	3.2E-07	7.4E-07	4.0E-08	4.0E-08	1.2E-16	7.5E-16
Fluorene	2.6E-15					8.0E-07	1.9E-06	1.0E-07	1.0E-07		
Indeno(1,2,3-cd)pyrene	1.7E-14	8.3E-08	1.6E-08	7.5E-08	2.8E-08	2.6E-08	6.1E-08	3.3E-09	3.3E-09	3.7E-09	3.1E-09
Napthalene	1.2E-15	8.0E-09		7.3E-09		6.4E-06	1.5E-05	8.0E-07	8.0E-07	1.1E-05	6.5E-05
Perylene				5.6E-16	1.6E-15	2.0E-08	4.6E-08	2.5E-09	2.5E-09	2.8E-17	1.7E-16
Phenanthrene	1.3E-14					1.5E-06	3.5E-06	1.9E-07	1.9E-07		
Pyrene	8.7E-15	9.2E-15	1.3E-14	8.3E-15	2.3E-14	3.1E-07	7.2E-07	3.9E-08	3.9E-08	2.3E-13	1.4E-12
Particulate											
Particulate Total Suspended Particulate				1.3E-10	3.6E-10	1.0E-03	2.3E-03	1.3E-04	1.3E-04	6.3E-12	3.9E-11
PM<10				1.6E-10	4.6E-10	1.3E-03	3.1E-03	1.7E-04	1.7E-04	8.0E-12	5.0E-11
PM<2.5				1.4E-10	3.8E-10	1.1E-03	2.6E-03	1.4E-04	1.4E-04	6.7E-12	4.1E-11
PCBs											
Dichlorobiphenyl	2.6E-16	2.5E-17	3.5E-17	2.1E-17	5.8E-17	4.0E-09	9.2E-09	5.0E-10	5.0E-10	1.9E-15	1.2E-14
Heptachlorobiphenyl	9.8E-18	2.9E-18	4.0E-18	2.4E-18	6.8E-18	5.4E-11	1.3E-10	6.8E-12	6.8E-12	1.2E-16	7.6E-16
Hexachlorobiphenyl	4.0E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	2.3E-10	5.3E-10	2.9E-11	2.9E-11	5.6E-16	3.4E-15
Monochlorobiphenyl	1.8E-15	1.7E-16	2.4E-16	1.4E-16	4.1E-16	2.8E-08	6.4E-08	3.5E-09	3.5E-09	1.4E-14	8.3E-14
Nonachlorobiphenyl	1.2E-18	5.1E-19	7.1E-19	4.3E-19	1.2E-18	7.7E-12	1.8E-11	9.6E-13	9.6E-13	2.2E-17	1.3E-16
Octachlorobiphenyl	2.9E-18	9.3E-19	1.3E-18	7.8E-19	2.2E-18	1.7E-11	3.8E-11	2.1E-12	2.1E-12	4.0E-17	2.5E-16
Pentachlorobiphenyl	1.3E-16	4.7E-17	6.5E-17	3.9E-17	1.1E-16	7.8E-10	1.8E-09	9.8E-11	9.8E-11	2.0E-15	1.2E-14
Tetrachlorobiphenyl	7.8E-17	9.4E-18	1.3E-17	8.0E-18	2.2E-17	1.3E-09	3.0E-09	1.6E-10	1.6E-10	7.4E-16	4.6E-15
Trichlorobiphenyl	1.0E-16	1.1E-17	1.6E-17	9.6E-18	2.7E-17	1.6E-09	3.8E-09	2.0E-10	2.0E-10	8.9E-16	5.5E-15

Table H-285 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Pesticides											
DDE				2.8E-08	9.4E-09					8.7E-07	5.4E-06
Dieldrin		2.6E-09	4.3E-10	3.1E-09	1.0E-09					1.5E-10	1.1E-10
SVOCs											
1,2,4-trichlorobenzene						1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,2-dichlorobenzene	1.2E-19					4.7E-09	1.1E-08	5.8E-10	5.8E-10		
1,3-Butadiene						1.2E-03					
1,3-dichlorobenzene	3.0E-19					7.0E-09	1.6E-08	8.7E-10	8.7E-10		
1,4-dichlorobenzene	4.0E-18					6.5E-08	1.5E-07	8.1E-09	8.1E-09		
2,4-Dimethylphenol	1.1E-16					1.0E-06	2.4E-06	1.3E-07	1.3E-07		
2-Chlorophenol	5.5E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
2-Methylphenol	2.3E-15					2.4E-06	5.5E-06	3.0E-07	3.0E-07		
2-Nitrophenol	1.4E-17					3.2E-07	7.5E-07	4.0E-08	4.0E-08		
3-Methylphenol & 4-Methylphenol				1.6E-13	4.4E-13	4.3E-06	9.9E-06	5.4E-07	5.4E-07	7.7E-15	4.8E-14
4-Nitrophenol	2.8E-17					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Acetophenone	1.7E-16					5.1E-06	1.2E-05	6.4E-07	6.4E-07		
Benzoic acid	6.8E-16					2.3E-05	5.3E-05	2.9E-06	2.9E-06		
Benzyl alcohol	4.2E-19					1.9E-07	4.5E-07	2.4E-08	2.4E-08		
bis(2-Ethylhexyl) phthalate	2.1E-14	2.9E-13	4.0E-13	3.4E-13	9.5E-13	8.1E-06	1.9E-05	1.0E-06	1.0E-06	1.7E-14	1.0E-13
Butyl benzyl phthalate	7.5E-15	1.4E-16	1.9E-16	1.6E-16	4.6E-16	2.6E-07	5.9E-07	3.2E-08	3.2E-08	8.1E-18	5.0E-17
Carbazole				6.0E-16	1.7E-15	7.2E-09	1.7E-08	9.0E-10	9.0E-10	2.9E-17	1.8E-16
Dibenzofuran		6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.1E-07	9.4E-07	5.1E-08	5.1E-08	1.0E-14	6.4E-14
Dimethyl phthalate	2.8E-18					1.4E-08	3.3E-08	1.8E-09	1.8E-09		
Di-n-butyl phthalate	7.2E-14	1.4E-16	1.9E-16	1.6E-16	4.6E-16	3.9E-07	9.1E-07	4.9E-08	4.9E-08	8.1E-18	5.0E-17

Table H-285 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	5.4E-19	4.0E-16	5.6E-16	4.8E-16	1.3E-15	2.8E-08	6.4E-08	3.4E-09	3.4E-09	2.3E-17	1.4E-16
Hexachlorobutadiene	2.9E-16					1.9E-06	4.4E-06	2.4E-07	2.4E-07		
Isopropanol						1.4E-01	9.7E-02				
p-Chloroaniline			1.4E-08		3.3E-08						3.6E-09
Phenol	6.3E-15					1.3E-05	3.0E-05	1.6E-06	1.6E-06		
Pyridine	3.3E-16					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
TRS											
Total Reduced Sulfur						1.2E-05	2.9E-05	1.6E-06	1.6E-06		
VOCs											
1,1,1,2-Tetrachloroethane	1.2E-19					5.8E-09	1.3E-08	7.2E-10	7.2E-10		
1,1,1-Trichloroethane	7.5E-21					5.7E-09	1.3E-08	7.1E-10	7.1E-10		
1,1-Dichloroethene	2.6E-22					1.1E-09	2.6E-09	1.4E-10	1.4E-10		
1,2,3-Trichlorobenzene	8.0E-18					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2,3-Trichloropropane	4.6E-20					4.6E-09	1.1E-08	5.8E-10	5.8E-10		
1,2,4-Trimethylbenzene						2.7E-07	6.2E-07	3.3E-08	3.3E-08		
1,2-Dibromoethane	1.6E-20					3.0E-09	6.8E-09	3.7E-10	3.7E-10		
1,2-Dichloroethane	5.0E-19					1.2E-07	1.9E-03	4.3E-05	4.3E-05		
1,3,5-Trimethylbenzene	2.6E-18					2.5E-07	5.8E-07	3.1E-08	3.1E-08		
1,3-Dichloropropane						2.9E-09	6.6E-09	3.6E-10	3.6E-10		
2-Butanone	1.0E-16					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
2-Chlorotoluene						6.3E-08	1.5E-07	7.9E-09	7.9E-09		
2-Hexanone						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
Benzene	8.5E-17					4.7E-03	1.2E-02	4.2E-04	4.2E-04		
Bromobenzene						1.6E-06	3.7E-06	2.0E-07	2.0E-07		

Table H-285 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromochloromethane						3.8E-09	8.7E-09	4.7E-10	4.7E-10		
Bromodichloromethane	1.3E-20					4.1E-09	1.4E-02	5.1E-10	5.1E-10		
Bromoform							6.6E-02				
Bromomethane	5.7E-20					1.6E-07	3.8E-07	2.0E-08	2.0E-08		
Carbon disulfide	5.4E-20					1.4E-07	3.3E-07	1.8E-08	1.8E-08		
Carbon tetrachloride	5.8E-21					6.0E-03	1.7E-02	6.6E-04	6.6E-04		
Chlorobenzene	2.0E-18					2.1E-07	4.8E-07	2.6E-08	2.6E-08		
Chlorodibromomethane	7.8E-19					1.0E-07	2.3E-07	1.3E-08	1.3E-08		
Chloroethane	1.6E-19					3.9E-07	9.1E-07	4.9E-08	4.9E-08		
Chloroform	1.2E-19					1.4E-03	3.4E-02	1.0E-04	1.0E-04		
Chloromethane	4.2E-19					1.3E-06	3.1E-06	1.7E-07	1.7E-07		
cis-1,2-Dichloroethene	1.6E-19					1.7E-07	3.9E-07	2.1E-08	2.1E-08		
cis-1,3-Dichloropropene						1.0E-09	2.4E-09	1.3E-10	1.3E-10		
Dibromomethane	1.8E-20					8.7E-09	2.0E-08	1.1E-09	1.1E-09		
Dichlorodifluoromethane	2.0E-22					1.1E-08	2.5E-08	1.3E-09	1.3E-09		
Ethylbenzene	6.4E-17					2.3E-03	9.5E-03	1.0E-06	1.0E-06		
Isopropylbenzene	8.4E-20					6.8E-07	1.6E-06	8.4E-08	8.4E-08		
m&p-Xylene	1.0E-17					1.6E-06	3.6E-06	2.0E-07	2.0E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19					1.5E-08	3.5E-08	1.9E-09	1.9E-09		
Methylene chloride	1.1E-18					7.7E-07	1.8E-06	9.7E-08	9.7E-08		
n-Butylbenzene						3.3E-07	7.7E-07	4.2E-08	4.2E-08		
n-Propylbenzene						4.0E-07	9.3E-07	5.0E-08	5.0E-08		
o-Xylene	1.2E-17					9.8E-07	2.3E-06	1.2E-07	1.2E-07		
p-Chlorotoluene						2.4E-08	5.5E-08	3.0E-09	3.0E-09		

Table H-285 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
p-Isopropyltoluene						1.6E-07	3.8E-07	2.1E-08	2.1E-08		
sec-Butylbenzene						6.1E-08	1.4E-07	7.6E-09	7.6E-09		
Styrene	4.0E-16					2.2E-05	5.1E-05	2.7E-06	2.7E-06		
tert-Butylbenzene						2.0E-06	4.5E-06	2.4E-07	2.4E-07		
Tetrachloroethene	2.8E-20					5.2E-09	1.2E-08	6.5E-10	6.5E-10		
Toluene	6.7E-17					1.4E-05	3.1E-05	1.7E-06	1.7E-06		
trans-1,2-Dichloroethene	2.5E-18					3.6E-06	8.4E-06	4.5E-07	4.5E-07		
trans-1,3-Dichloropropene						1.8E-09	4.2E-09	2.3E-10	2.3E-10		
Trichloroethene	2.9E-22					1.6E-03	1.9E-02	3.9E-11	3.9E-11		
Trichlorofluoromethane	4.5E-22					3.7E-09	8.6E-09	4.7E-10	4.7E-10		
Vinyl chloride	2.1E-20					1.3E-04	4.9E-07	2.7E-08	2.7E-08		

Table H-286 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					6.2E-07	1.4E-06	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19	
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19	
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18	
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19	
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19	
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19	
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20	
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19	
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19	

Table H-286 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				9.4E-03	2.0E-02					4.6E-07	2.1E-06
Antimony	1.6E-17			4.3E-07	1.4E-06	1.0E-08	2.4E-08	1.3E-09	1.3E-09	2.1E-11	1.5E-10
Arsenic	8.1E-16	2.0E-07	2.3E-07	4.6E-07	1.1E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	3.8E-11	2.0E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				1.8E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	8.8E-10	4.0E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				1.7E-02	3.7E-02					8.4E-07	4.0E-06
Lead	6.9E-18			8.6E-05	2.3E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	4.2E-09	2.5E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				2.3E-08	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	4.3E-08	2.7E-07
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18

Table H-286 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			4.0E-04	7.1E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.0E-08	7.7E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Thallium (Soluble Salts)					1.7E-07						1.8E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	9.0E-06	5.1E-07	8.1E-06	9.3E-07	3.0E-09	6.9E-09	3.7E-10	3.7E-10	1.2E-07	7.6E-07
Benzo(a)pyrene	3.1E-12	7.5E-06	5.6E-07	6.8E-06	1.0E-06	1.2E-09	2.7E-09	1.5E-10	1.5E-10	3.4E-10	1.1E-10
Benzo(b)fluoranthene	8.3E-13	1.2E-05	7.9E-07	1.1E-05	1.4E-06	1.3E-09	3.0E-09	1.6E-10	1.6E-10	5.5E-10	1.5E-10
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	6.6E-06	4.0E-07	6.0E-06	7.2E-07	1.2E-11	2.7E-11	1.5E-12	1.5E-12	2.9E-10	7.8E-11

Table H-286 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	9.4E-06	5.7E-07	8.6E-06	1.0E-06	5.1E-09	1.2E-08	6.4E-10	6.4E-10	4.2E-10	1.1E-10
Dibenze(a,h)anthracene	1.6E-13	1.5E-06	1.4E-07	1.3E-06	2.5E-07	1.9E-10	4.3E-10	2.3E-11	2.3E-11	6.5E-11	2.7E-11
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.9E-06	3.6E-07	1.8E-06	6.6E-07	6.2E-10	1.4E-09	7.7E-11	7.7E-11	8.6E-11	7.1E-11
Napthalene	2.8E-14	1.9E-07		1.7E-07		1.5E-07	3.4E-07	1.9E-08	1.9E-08	2.5E-07	1.5E-06
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16

Table H-286 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				6.4E-07	2.2E-07					2.0E-08	1.3E-07
Dieldrin		6.2E-08	1.0E-08	7.3E-08	2.4E-08					3.6E-12	2.5E-12
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						2.7E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18

Table H-286 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						3.2E-03	2.3E-03				
p-Chloroaniline			3.3E-07		7.7E-07						8.4E-11
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	4.4E-05	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					1.1E-04	2.7E-04	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		

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Exposure Unit	04
Exposure Scenario	Camp Justice
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Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	3.4E-04	1.2E-11	1.2E-11		
Bromoform							1.5E-03				
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.4E-04	3.9E-04	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					3.2E-05	7.9E-04	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					5.3E-05	2.2E-04	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		

Table H-286 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					3.7E-05	4.5E-04	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					3.0E-06	1.1E-08	6.2E-10	6.2E-10		

Table H-287 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.6E-05	8.3E-05	4.5E-06	4.5E-06		
Aldehydes											
Acetaldehyde	3.9E-15					6.2E-05	1.4E-04	7.8E-06	7.8E-06		
Formaldehyde	1.9E-14					2.6E-05	1.7E+00	3.3E-06	3.3E-06		
Propionaldehyde				9.6E-17	2.7E-16	6.8E-06	1.6E-05	8.5E-07	8.5E-07	7.2E-13	4.4E-12
CO											
Carbon monoxide						1.9E-03	4.4E-03	2.4E-04	2.4E-04		
CO2											
Carbon dioxide						6.0E-05	1.4E-04	7.5E-06	7.5E-06		
Criteria											
Sulfur Dioxide						1.6E-05	3.7E-05	2.0E-06	2.0E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	5.3E-20	5.3E-17	7.4E-17	2.1E-16	5.9E-16	3.6E-11	8.4E-11	4.5E-12	4.5E-12	1.0E-17	6.3E-17
1,2,3,4,6,7,8-HpCDF	5.1E-20	5.4E-17	7.5E-17	2.1E-16	5.9E-16	3.7E-11	8.5E-11	4.6E-12	4.6E-12	1.0E-17	6.4E-17
1,2,3,4,7,8,9-HpCDF	7.8E-21	6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.7E-12	1.1E-11	5.8E-13	5.8E-13	1.2E-18	7.4E-18
1,2,3,4,7,8-HxCDD	6.0E-20	6.1E-18	8.5E-18	2.4E-17	6.7E-17	4.4E-12	1.0E-11	5.4E-13	5.4E-13	1.2E-18	7.2E-18
1,2,3,4,7,8-HxCDF	4.1E-19	4.8E-17	6.7E-17	1.9E-16	5.3E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	9.3E-18	5.7E-17
1,2,3,6,7,8-HxCDD	1.1E-19	1.2E-17	1.7E-17	4.9E-17	1.4E-16	9.2E-12	2.1E-11	1.1E-12	1.1E-12	2.4E-18	1.5E-17
1,2,3,6,7,8-HxCDF	1.5E-19	1.6E-17	2.2E-17	6.2E-17	1.7E-16	1.1E-11	2.7E-11	1.4E-12	1.4E-12	3.0E-18	1.9E-17
1,2,3,7,8,9-HxCDD	1.7E-19	1.9E-17	2.7E-17	7.7E-17	2.1E-16	1.4E-11	3.2E-11	1.7E-12	1.7E-12	3.8E-18	2.3E-17
1,2,3,7,8,9-HxCDF	1.2E-20	1.1E-18	1.6E-18	4.4E-18	1.2E-17	8.8E-13	2.0E-12	1.1E-13	1.1E-13	2.2E-19	1.3E-18
1,2,3,7,8-PeCDD	3.2E-19	6.8E-18	9.6E-18	2.7E-17	7.6E-17	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.3E-18	8.1E-18
1,2,3,7,8-PeCDF	4.4E-19	8.0E-18	1.1E-17	3.2E-17	8.9E-17	7.9E-12	1.8E-11	9.9E-13	9.9E-13	1.6E-18	9.6E-18

Table H-287 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	2.2E-19	2.5E-17	3.4E-17	9.7E-17	2.7E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	4.7E-18	2.9E-17
2,3,4,7,8-PeCDF	7.0E-19	1.9E-17	2.7E-17	7.6E-17	2.1E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	3.7E-18	2.3E-17
2,3,7,8-TCDD	1.1E-19	1.4E-18	1.9E-18	5.5E-18	1.5E-17	2.2E-12	5.1E-12	2.8E-13	2.8E-13	1.9E-16	1.1E-15
2,3,7,8-TCDF	3.4E-19	2.5E-18	3.5E-18	1.0E-17	2.8E-17	8.2E-12	1.9E-11	1.0E-12	1.0E-12	4.9E-19	3.0E-18
OCDD	7.1E-22	3.6E-17	5.0E-17	1.4E-16	4.0E-16	2.4E-11	5.6E-11	3.0E-12	3.0E-12	7.0E-18	4.3E-17
OCDF	2.6E-22	1.4E-17	1.9E-17	5.5E-17	1.5E-16	9.1E-12	2.1E-11	1.1E-12	1.1E-12	2.7E-18	1.7E-17
HCN											
Hydrogen cyanide						6.8E-06	1.6E-05	8.5E-07	8.5E-07		
Metals											
Aluminum				4.0E-04	1.0E-03					2.0E-05	1.1E-04
Antimony	6.7E-19			1.8E-08	2.1E-08	4.5E-07	1.0E-06	5.6E-08	5.6E-08	9.0E-10	2.2E-09
Arsenic	3.5E-17	8.4E-09	2.0E-08	2.0E-08	9.2E-08	2.5E-08	5.9E-08	3.2E-09	3.2E-09	1.6E-09	1.7E-08
Barium	9.3E-14			1.2E-10	3.3E-10	5.4E-06	1.2E-05	6.7E-07	6.7E-07	5.7E-12	3.5E-11
Beryllium	1.4E-18			4.5E-17	1.3E-16	1.8E-09	4.3E-09	2.3E-10	2.3E-10	2.2E-18	1.4E-17
Cadmium	3.6E-16			3.5E-17	9.8E-17	3.2E-08	7.5E-08	4.1E-09	4.1E-09	1.7E-18	1.1E-17
Chromium	1.0E-16			3.0E-12	8.5E-12	2.8E-07	6.4E-07	3.5E-08	3.5E-08	1.5E-13	9.2E-13
Cobalt				7.7E-07	1.6E-06	4.2E-07	9.7E-07	5.3E-08	5.3E-08	3.8E-08	1.7E-07
Copper				1.2E-11	3.5E-11	7.6E-07	1.8E-06	9.5E-08	9.5E-08	6.1E-13	3.8E-12
Iron				7.4E-04	1.7E-03					3.6E-05	1.8E-04
Lead	3.0E-19			3.7E-06	2.3E-06	2.6E-07	5.9E-07	3.2E-08	3.2E-08	1.8E-07	2.4E-07
Manganese				3.4E-14	9.6E-14	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.7E-15	1.0E-14
Mercury (+2)				1.4E-15	3.9E-15	1.0E-09	2.3E-09	1.3E-10	1.3E-10	6.7E-17	4.2E-16
Mercury, elemental				9.7E-10	1.2E-09	4.2E-12	9.7E-12	5.3E-13	5.3E-13	1.9E-06	1.1E-05
Methyl Mercury	3.6E-16			8.2E-17	2.3E-16					4.0E-18	2.5E-17

Table H-287 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	1.4E-16			1.7E-05	3.4E-05	1.5E-07	3.4E-07	1.9E-08	1.9E-08	8.4E-07	3.7E-06
Phosphorus				3.2E-16	9.0E-16	1.1E-06	2.6E-06	1.4E-07	1.4E-07	3.1E-12	1.9E-11
Selenium	1.2E-17			1.7E-18	4.8E-18	7.5E-09	1.7E-08	9.3E-10	9.3E-10	8.5E-20	5.2E-19
Silver	8.6E-18			3.2E-14	8.9E-14	4.9E-09	1.1E-08	6.1E-10	6.1E-10	1.6E-15	9.6E-15
Thallium (Soluble Salts)					6.2E-09						6.6E-10
Titanium				3.4E-16	9.6E-16	2.6E-09	6.0E-09	3.3E-10	3.3E-10	1.7E-17	1.0E-16
Zinc	1.8E-13			7.9E-15	2.2E-14	5.9E-06	1.4E-05	7.3E-07	7.3E-07	3.9E-16	2.4E-15
NOx											
NOx (Oxides of Nitrogen)						6.7E-05	1.6E-04	8.4E-06	8.4E-06		
PAHs											
1-Methylnaphthalene		1.0E-17	1.4E-17	9.3E-18	2.6E-17	1.4E-06	3.3E-06	1.8E-07	1.8E-07	1.1E-14	6.5E-14
1-Methylphenanthrene				6.2E-15	1.7E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	3.0E-16	1.9E-15
2,3,5-Trimethylnaphthalene				2.9E-15	8.2E-15	8.4E-08	1.9E-07	1.0E-08	1.0E-08	1.4E-16	8.8E-16
2,6-Dimethylnaphthalene				8.0E-15	2.2E-14	2.2E-07	5.1E-07	2.8E-08	2.8E-08	3.9E-16	2.4E-15
2-Methylnaphthalene		9.9E-18	1.4E-17	9.0E-18	2.5E-17	1.4E-06	3.2E-06	1.7E-07	1.7E-07	1.0E-14	6.4E-14
Acenaphthylene				2.6E-14	7.2E-14	8.1E-07	1.9E-06	1.0E-07	1.0E-07	1.3E-15	7.7E-15
Acenaphthene	1.5E-16					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Anthracene	1.8E-15					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
Benzo(a)anthracene	2.6E-13	3.8E-07	1.1E-13	3.5E-07	2.0E-13	1.3E-07	3.0E-07	1.6E-08	1.6E-08	5.3E-06	3.2E-05
Benzo(a)pyrene	1.3E-13	3.2E-07	4.9E-14	2.9E-07	9.0E-14	5.0E-08	1.2E-07	6.3E-09	6.3E-09	1.4E-08	9.7E-15
Benzo(b)fluoranthene	3.6E-14	5.2E-07	2.9E-15	4.8E-07	5.2E-15	5.6E-08	1.3E-07	7.0E-09	7.0E-09	2.3E-08	5.6E-16
Benzo(e)pyrene				1.5E-15	4.1E-15	4.3E-08	9.9E-08	5.4E-09	5.4E-09	7.2E-17	4.4E-16
Benzo(g,h,i)perylene				1.1E-15	3.0E-15	3.3E-08	7.6E-08	4.1E-09	4.1E-09	5.3E-17	3.2E-16
Benzo(k)fluoranthene	2.9E-16	2.8E-07	3.6E-15	2.6E-07	6.5E-15	5.0E-10	1.2E-09	6.2E-11	6.2E-11	1.3E-08	7.0E-16

Table H-287 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				1.4E-16	4.0E-16	4.8E-06	1.1E-05	6.0E-07	6.0E-07	8.4E-14	5.2E-13
Chrysene	4.6E-14	4.0E-07	1.4E-13	3.7E-07	2.6E-13	2.2E-07	5.1E-07	2.7E-08	2.7E-08	1.8E-08	2.8E-14
Dibenze(a,h)anthracene	6.6E-15	6.3E-08	1.8E-14	5.7E-08	3.3E-14	8.0E-09	1.8E-08	9.9E-10	9.9E-10	2.8E-09	3.5E-15
Fluoranthene	1.2E-14	2.7E-15	3.8E-15	2.5E-15	6.9E-15	3.2E-07	7.4E-07	4.0E-08	4.0E-08	1.2E-16	7.5E-16
Fluorene	2.6E-15					8.0E-07	1.9E-06	1.0E-07	1.0E-07		
Indeno(1,2,3-cd)pyrene	1.7E-14	8.3E-08	5.0E-14	7.5E-08	9.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	3.7E-09	9.8E-15
Napthalene	1.2E-15	8.0E-09		7.3E-09		6.4E-06	1.5E-05	8.0E-07	8.0E-07	1.1E-05	6.5E-05
Perylene				5.6E-16	1.6E-15	2.0E-08	4.6E-08	2.5E-09	2.5E-09	2.8E-17	1.7E-16
Phenanthrene	1.3E-14					1.5E-06	3.5E-06	1.9E-07	1.9E-07		
Pyrene	8.7E-15	9.2E-15	1.3E-14	8.3E-15	2.3E-14	3.1E-07	7.2E-07	3.9E-08	3.9E-08	2.3E-13	1.4E-12
Particulate											
Particulate Total Suspended Particulate				1.3E-10	3.6E-10	1.0E-03	2.3E-03	1.3E-04	1.3E-04	6.3E-12	3.9E-11
PM<10				1.6E-10	4.6E-10	1.3E-03	3.1E-03	1.7E-04	1.7E-04	8.0E-12	5.0E-11
PM<2.5				1.4E-10	3.8E-10	1.1E-03	2.6E-03	1.4E-04	1.4E-04	6.7E-12	4.1E-11
PCBs											
Dichlorobiphenyl	2.6E-16	2.5E-17	3.5E-17	2.1E-17	5.8E-17	4.0E-09	9.2E-09	5.0E-10	5.0E-10	1.9E-15	1.2E-14
Heptachlorobiphenyl	9.8E-18	2.9E-18	4.0E-18	2.4E-18	6.8E-18	5.4E-11	1.3E-10	6.8E-12	6.8E-12	1.2E-16	7.6E-16
Hexachlorobiphenyl	4.0E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	2.3E-10	5.3E-10	2.9E-11	2.9E-11	5.6E-16	3.4E-15
Monochlorobiphenyl	1.8E-15	1.7E-16	2.4E-16	1.4E-16	4.1E-16	2.8E-08	6.4E-08	3.5E-09	3.5E-09	1.4E-14	8.3E-14
Nonachlorobiphenyl	1.2E-18	5.1E-19	7.1E-19	4.3E-19	1.2E-18	7.7E-12	1.8E-11	9.6E-13	9.6E-13	2.2E-17	1.3E-16
Octachlorobiphenyl	2.9E-18	9.3E-19	1.3E-18	7.8E-19	2.2E-18	1.7E-11	3.8E-11	2.1E-12	2.1E-12	4.0E-17	2.5E-16
Pentachlorobiphenyl	1.3E-16	4.7E-17	6.5E-17	3.9E-17	1.1E-16	7.8E-10	1.8E-09	9.8E-11	9.8E-11	2.0E-15	1.2E-14
Tetrachlorobiphenyl	7.8E-17	9.4E-18	1.3E-17	8.0E-18	2.2E-17	1.3E-09	3.0E-09	1.6E-10	1.6E-10	7.4E-16	4.6E-15
Trichlorobiphenyl	1.0E-16	1.1E-17	1.6E-17	9.6E-18	2.7E-17	1.6E-09	3.8E-09	2.0E-10	2.0E-10	8.9E-16	5.5E-15

Table H-287 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				2.8E-08	3.3E-09					8.7E-07	5.4E-06
Dieldrin		2.6E-09		3.1E-09						1.5E-10	
SVOCs											
1,2,4-trichlorobenzene						1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,2-dichlorobenzene	1.2E-19					4.7E-09	1.1E-08	5.8E-10	5.8E-10		
1,3-Butadiene						1.2E-03					
1,3-dichlorobenzene	3.0E-19					7.0E-09	1.6E-08	8.7E-10	8.7E-10		
1,4-dichlorobenzene	4.0E-18					6.5E-08	1.5E-07	8.1E-09	8.1E-09		
2,4-Dimethylphenol	1.1E-16					1.0E-06	2.4E-06	1.3E-07	1.3E-07		
2-Chlorophenol	5.5E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
2-Methylphenol	2.3E-15					2.4E-06	5.5E-06	3.0E-07	3.0E-07		
2-Nitrophenol	1.4E-17					3.2E-07	7.5E-07	4.0E-08	4.0E-08		
3-Methylphenol & 4-Methylphenol				1.6E-13	4.4E-13	4.3E-06	9.9E-06	5.4E-07	5.4E-07	7.7E-15	4.8E-14
4-Nitrophenol	2.8E-17					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Acetophenone	1.7E-16					5.1E-06	1.2E-05	6.4E-07	6.4E-07		
Benzoic acid	6.8E-16					2.3E-05	5.3E-05	2.9E-06	2.9E-06		
Benzyl alcohol	4.2E-19					1.9E-07	4.5E-07	2.4E-08	2.4E-08		
bis(2-Ethylhexyl) phthalate	2.1E-14	2.9E-13	4.0E-13	3.4E-13	9.5E-13	8.1E-06	1.9E-05	1.0E-06	1.0E-06	1.7E-14	1.0E-13
Butyl benzyl phthalate	7.5E-15	1.4E-16	1.9E-16	1.6E-16	4.6E-16	2.6E-07	5.9E-07	3.2E-08	3.2E-08	8.1E-18	5.0E-17
Carbazole				6.0E-16	1.7E-15	7.2E-09	1.7E-08	9.0E-10	9.0E-10	2.9E-17	1.8E-16
Dibenzofuran		6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.1E-07	9.4E-07	5.1E-08	5.1E-08	1.0E-14	6.4E-14
Dimethyl phthalate	2.8E-18					1.4E-08	3.3E-08	1.8E-09	1.8E-09		
Di-n-butyl phthalate	7.2E-14	1.4E-16	1.9E-16	1.6E-16	4.6E-16	3.9E-07	9.1E-07	4.9E-08	4.9E-08	8.1E-18	5.0E-17

Table H-287 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	5.4E-19	4.0E-16	5.6E-16	4.8E-16	1.3E-15	2.8E-08	6.4E-08	3.4E-09	3.4E-09	2.3E-17	1.4E-16
Hexachlorobutadiene	2.9E-16					1.9E-06	4.4E-06	2.4E-07	2.4E-07		
Isopropanol						1.4E-01					
Phenol	6.3E-15					1.3E-05	3.0E-05	1.6E-06	1.6E-06		
Pyridine	3.3E-16					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
TRS											
Total Reduced Sulfur						1.2E-05	2.9E-05	1.6E-06	1.6E-06		
VOCs											
1,1,1,2-Tetrachloroethane	1.2E-19					5.8E-09	1.3E-08	7.2E-10	7.2E-10		
1,1,1-Trichloroethane	7.5E-21					5.7E-09	1.3E-08	7.1E-10	7.1E-10		
1,1-Dichloroethene	2.6E-22					1.1E-09	2.6E-09	1.4E-10	1.4E-10		
1,2,3-Trichlorobenzene	8.0E-18					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2,3-Trichloropropane	4.6E-20					4.6E-09	1.1E-08	5.8E-10	5.8E-10		
1,2,4-Trimethylbenzene						2.7E-07	6.2E-07	3.3E-08	3.3E-08		
1,2-Dibromoethane	1.6E-20					3.0E-09	6.8E-09	3.7E-10	3.7E-10		
1,2-Dichloroethane	5.0E-19					1.2E-07	2.7E-07	4.3E-05	4.3E-05		
1,3,5-Trimethylbenzene	2.6E-18					2.5E-07	5.8E-07	3.1E-08	3.1E-08		
1,3-Dichloropropane						2.9E-09	6.6E-09	3.6E-10	3.6E-10		
2-Butanone	1.0E-16					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
2-Chlorotoluene						6.3E-08	1.5E-07	7.9E-09	7.9E-09		
2-Hexanone						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
Benzene	8.5E-17					4.7E-03	8.6E-05	4.2E-04	4.2E-04		
Bromobenzene						1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Bromochloromethane						3.8E-09	8.7E-09	4.7E-10	4.7E-10		

Table H-287 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromodichloromethane	1.3E-20					4.1E-09	9.4E-09	5.1E-10	5.1E-10		
Bromomethane	5.7E-20					1.6E-07	3.8E-07	2.0E-08	2.0E-08		
Carbon disulfide	5.4E-20					1.4E-07	3.3E-07	1.8E-08	1.8E-08		
Carbon tetrachloride	5.8E-21					6.0E-03	2.2E-08	6.6E-04	6.6E-04		
Chlorobenzene	2.0E-18					2.1E-07	4.8E-07	2.6E-08	2.6E-08		
Chlorodibromomethane	7.8E-19					1.0E-07	2.3E-07	1.3E-08	1.3E-08		
Chloroethane	1.6E-19					3.9E-07	9.1E-07	4.9E-08	4.9E-08		
Chloroform	1.2E-19					1.4E-03	1.9E-07	1.0E-04	1.0E-04		
Chloromethane	4.2E-19					1.3E-06	3.1E-06	1.7E-07	1.7E-07		
cis-1,2-Dichloroethene	1.6E-19					1.7E-07	3.9E-07	2.1E-08	2.1E-08		
cis-1,3-Dichloropropene						1.0E-09	2.4E-09	1.3E-10	1.3E-10		
Dibromomethane	1.8E-20					8.7E-09	2.0E-08	1.1E-09	1.1E-09		
Dichlorodifluoromethane	2.0E-22					1.1E-08	2.5E-08	1.3E-09	1.3E-09		
Ethylbenzene	6.4E-17					2.3E-03	1.9E-05	1.0E-06	1.0E-06		
Isopropylbenzene	8.4E-20					6.8E-07	1.6E-06	8.4E-08	8.4E-08		
m&p-Xylene	1.0E-17					1.6E-06	3.6E-06	2.0E-07	2.0E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19					1.5E-08	3.5E-08	1.9E-09	1.9E-09		
Methylene chloride	1.1E-18					7.7E-07	1.8E-06	9.7E-08	9.7E-08		
n-Butylbenzene						3.3E-07	7.7E-07	4.2E-08	4.2E-08		
n-Propylbenzene						4.0E-07	9.3E-07	5.0E-08	5.0E-08		
o-Xylene	1.2E-17					9.8E-07	2.3E-06	1.2E-07	1.2E-07		
p-Chlorotoluene						2.4E-08	5.5E-08	3.0E-09	3.0E-09		
p-Isopropyltoluene						1.6E-07	3.8E-07	2.1E-08	2.1E-08		
sec-Butylbenzene						6.1E-08	1.4E-07	7.6E-09	7.6E-09		

Table H-287 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Styrene	4.0E-16					2.2E-05	5.1E-05	2.7E-06	2.7E-06		
tert-Butylbenzene						2.0E-06	4.5E-06	2.4E-07	2.4E-07		
Tetrachloroethene	2.8E-20					5.2E-09	1.2E-08	6.5E-10	6.5E-10		
Toluene	6.7E-17					1.4E-05	3.1E-05	1.7E-06	1.7E-06		
trans-1,2-Dichloroethene	2.5E-18					3.6E-06	8.4E-06	4.5E-07	4.5E-07		
trans-1,3-Dichloropropene						1.8E-09	4.2E-09	2.3E-10	2.3E-10		
Trichloroethene	2.9E-22					1.6E-03	7.2E-10	3.9E-11	3.9E-11		
Trichlorofluoromethane	4.5E-22					3.7E-09	8.6E-09	4.7E-10	4.7E-10		
Vinyl chloride	2.1E-20					1.3E-04	4.9E-07	2.7E-08	2.7E-08		

Table H-288 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					6.2E-07	4.0E-02	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19	
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19	
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18	
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19	
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19	
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19	
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20	
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19	
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19	

Table H-288 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				9.4E-03	2.4E-02					4.6E-07	2.6E-06
Antimony	1.6E-17			4.3E-07	4.8E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	2.1E-11	5.2E-11
Arsenic	8.1E-16	2.0E-07	4.6E-07	4.6E-07	2.2E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	3.8E-11	3.9E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				1.8E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	8.8E-10	4.0E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				1.7E-02	4.0E-02					8.4E-07	4.3E-06
Lead	6.9E-18			8.6E-05	5.3E-05	6.0E-09	1.4E-08	7.5E-10	7.5E-10	4.2E-09	5.7E-09
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				2.3E-08	2.7E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	4.3E-08	2.7E-07
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18

Table H-288 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			4.0E-04	7.9E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.0E-08	8.5E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Thallium (Soluble Salts)					1.4E-07						1.6E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	9.0E-06	2.8E-12	8.1E-06	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	1.2E-07	7.6E-07
Benzo(a)pyrene	3.1E-12	7.5E-06	1.2E-12	6.8E-06	2.3E-12	1.2E-09	2.7E-09	1.5E-10	1.5E-10	3.4E-10	2.4E-16
Benzo(b)fluoranthene	8.3E-13	1.2E-05	7.3E-14	1.1E-05	1.3E-13	1.3E-09	3.0E-09	1.6E-10	1.6E-10	5.5E-10	1.4E-17
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	6.6E-06	1.1E-13	6.0E-06	2.0E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	2.9E-10	2.2E-17

Table H-288 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	9.4E-06	3.8E-12	8.6E-06	7.0E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	4.2E-10	7.5E-16
Dibenze(a,h)anthracene	1.6E-13	1.5E-06	4.8E-13	1.3E-06	8.7E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	6.5E-11	9.4E-17
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.9E-06	1.3E-12	1.8E-06	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	8.6E-11	2.5E-16
Napthalene	2.8E-14	1.9E-07		1.7E-07		1.5E-07	3.4E-07	1.9E-08	1.9E-08	2.5E-07	1.5E-06
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16

Table H-288 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				6.4E-07	7.8E-08					2.0E-08	1.3E-07
Dieldrin		6.2E-08		7.3E-08						3.6E-12	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						2.7E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18

Table H-288 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						3.2E-03					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					1.1E-04	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		

Table H-288 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.4E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					3.2E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					5.3E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		

Table H-288 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					3.7E-05	1.7E-11	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					3.0E-06	1.1E-08	6.2E-10	6.2E-10		

Table H-289 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.6E-05	8.3E-05	4.5E-06	4.5E-06		
Aldehydes											
Acetaldehyde	3.9E-15					6.2E-05	1.4E-04	7.8E-06	7.8E-06		
Formaldehyde	1.9E-14					2.6E-05	1.2E+00	3.3E-06	3.3E-06		
Propionaldehyde				9.6E-17	2.7E-16	6.8E-06	1.6E-05	8.5E-07	8.5E-07	7.2E-13	4.4E-12
CO											
Carbon monoxide						1.9E-03	4.4E-03	2.4E-04	2.4E-04		
CO2											
Carbon dioxide						6.0E-05	1.4E-04	7.5E-06	7.5E-06		
Criteria											
Sulfur Dioxide						1.6E-05	3.7E-05	2.0E-06	2.0E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	5.3E-20	5.3E-17	7.4E-17	2.1E-16	5.9E-16	3.6E-11	8.4E-11	4.5E-12	4.5E-12	1.0E-17	6.3E-17
1,2,3,4,6,7,8-HpCDF	5.1E-20	5.4E-17	7.5E-17	2.1E-16	5.9E-16	3.7E-11	8.5E-11	4.6E-12	4.6E-12	1.0E-17	6.4E-17
1,2,3,4,7,8,9-HpCDF	7.8E-21	6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.7E-12	1.1E-11	5.8E-13	5.8E-13	1.2E-18	7.4E-18
1,2,3,4,7,8-HxCDD	6.0E-20	6.1E-18	8.5E-18	2.4E-17	6.7E-17	4.4E-12	1.0E-11	5.4E-13	5.4E-13	1.2E-18	7.2E-18
1,2,3,4,7,8-HxCDF	4.1E-19	4.8E-17	6.7E-17	1.9E-16	5.3E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	9.3E-18	5.7E-17
1,2,3,6,7,8-HxCDD	1.1E-19	1.2E-17	1.7E-17	4.9E-17	1.4E-16	9.2E-12	2.1E-11	1.1E-12	1.1E-12	2.4E-18	1.5E-17
1,2,3,6,7,8-HxCDF	1.5E-19	1.6E-17	2.2E-17	6.2E-17	1.7E-16	1.1E-11	2.7E-11	1.4E-12	1.4E-12	3.0E-18	1.9E-17
1,2,3,7,8,9-HxCDD	1.7E-19	1.9E-17	2.7E-17	7.7E-17	2.1E-16	1.4E-11	3.2E-11	1.7E-12	1.7E-12	3.8E-18	2.3E-17
1,2,3,7,8,9-HxCDF	1.2E-20	1.1E-18	1.6E-18	4.4E-18	1.2E-17	8.8E-13	2.0E-12	1.1E-13	1.1E-13	2.2E-19	1.3E-18
1,2,3,7,8-PeCDD	3.2E-19	6.8E-18	9.6E-18	2.7E-17	7.6E-17	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.3E-18	8.1E-18
1,2,3,7,8-PeCDF	4.4E-19	8.0E-18	1.1E-17	3.2E-17	8.9E-17	7.9E-12	1.8E-11	9.9E-13	9.9E-13	1.6E-18	9.6E-18

Table H-289 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	2.2E-19	2.5E-17	3.4E-17	9.7E-17	2.7E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	4.7E-18	2.9E-17
2,3,4,7,8-PeCDF	7.0E-19	1.9E-17	2.7E-17	7.6E-17	2.1E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	3.7E-18	2.3E-17
2,3,7,8-TCDD	1.1E-19	1.4E-18	1.9E-18	5.5E-18	1.5E-17	2.2E-12	5.1E-12	2.8E-13	2.8E-13	1.9E-16	1.1E-15
2,3,7,8-TCDF	3.4E-19	2.5E-18	3.5E-18	1.0E-17	2.8E-17	8.2E-12	1.9E-11	1.0E-12	1.0E-12	4.9E-19	3.0E-18
OCDD	7.1E-22	3.6E-17	5.0E-17	1.4E-16	4.0E-16	2.4E-11	5.6E-11	3.0E-12	3.0E-12	7.0E-18	4.3E-17
OCDF	2.6E-22	1.4E-17	1.9E-17	5.5E-17	1.5E-16	9.1E-12	2.1E-11	1.1E-12	1.1E-12	2.7E-18	1.7E-17
HCN											
Hydrogen cyanide						6.8E-06	1.6E-05	8.5E-07	8.5E-07		
Metals											
Aluminum				4.0E-04	8.2E-04					2.0E-05	8.9E-05
Antimony	6.7E-19			1.8E-08	7.2E-09	4.5E-07	1.0E-06	5.6E-08	5.6E-08	9.0E-10	7.8E-10
Arsenic	3.5E-17	8.4E-09	7.8E-09	2.0E-08	3.7E-08	2.5E-08	5.9E-08	3.2E-09	3.2E-09	1.6E-09	6.6E-09
Barium	9.3E-14			1.2E-10	3.3E-10	5.4E-06	1.2E-05	6.7E-07	6.7E-07	5.7E-12	3.5E-11
Beryllium	1.4E-18			4.5E-17	1.3E-16	1.8E-09	4.3E-09	2.3E-10	2.3E-10	2.2E-18	1.4E-17
Cadmium	3.6E-16			3.5E-17	9.8E-17	3.2E-08	7.5E-08	4.1E-09	4.1E-09	1.7E-18	1.1E-17
Chromium	1.0E-16			3.0E-12	8.5E-12	2.8E-07	6.4E-07	3.5E-08	3.5E-08	1.5E-13	9.2E-13
Cobalt				7.7E-07	2.7E-06	4.2E-07	9.7E-07	5.3E-08	5.3E-08	3.8E-08	2.9E-07
Copper				1.2E-11	3.5E-11	7.6E-07	1.8E-06	9.5E-08	9.5E-08	6.1E-13	3.8E-12
Iron				7.4E-04	1.8E-03					3.6E-05	2.0E-04
Lead	3.0E-19			3.7E-06	6.2E-06	2.6E-07	5.9E-07	3.2E-08	3.2E-08	1.8E-07	6.6E-07
Manganese				3.4E-14	9.6E-14	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.7E-15	1.0E-14
Mercury (+2)				1.4E-15	3.9E-15	1.0E-09	2.3E-09	1.3E-10	1.3E-10	6.7E-17	4.2E-16
Mercury, elemental				9.7E-10	1.9E-09	4.2E-12	9.7E-12	5.3E-13	5.3E-13	1.9E-06	1.1E-05
Methyl Mercury	3.6E-16			8.2E-17	2.3E-16					4.0E-18	2.5E-17

Table H-289 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	1.4E-16			1.7E-05	5.7E-05	1.5E-07	3.4E-07	1.9E-08	1.9E-08	8.4E-07	6.1E-06
Phosphorus				3.2E-16	9.0E-16	1.1E-06	2.6E-06	1.4E-07	1.4E-07	3.1E-12	1.9E-11
Selenium	1.2E-17			1.7E-18	4.8E-18	7.5E-09	1.7E-08	9.3E-10	9.3E-10	8.5E-20	5.2E-19
Silver	8.6E-18			3.2E-14	8.9E-14	4.9E-09	1.1E-08	6.1E-10	6.1E-10	1.6E-15	9.6E-15
Titanium				3.4E-16	9.6E-16	2.6E-09	6.0E-09	3.3E-10	3.3E-10	1.7E-17	1.0E-16
Zinc	1.8E-13			7.9E-15	2.2E-14	5.9E-06	1.4E-05	7.3E-07	7.3E-07	3.9E-16	2.4E-15
NOx											
NOx (Oxides of Nitrogen)						6.7E-05	1.6E-04	8.4E-06	8.4E-06		
PAHs											
1-Methylnaphthalene		1.0E-17	1.4E-17	9.3E-18	2.6E-17	1.4E-06	3.3E-06	1.8E-07	1.8E-07	1.1E-14	6.5E-14
1-Methylphenanthrene				6.2E-15	1.7E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	3.0E-16	1.9E-15
2,3,5-Trimethylnaphthalene				2.9E-15	8.2E-15	8.4E-08	1.9E-07	1.0E-08	1.0E-08	1.4E-16	8.8E-16
2,6-Dimethylnaphthalene				8.0E-15	2.2E-14	2.2E-07	5.1E-07	2.8E-08	2.8E-08	3.9E-16	2.4E-15
2-Methylnaphthalene		9.9E-18	1.4E-17	9.0E-18	2.5E-17	1.4E-06	3.2E-06	1.7E-07	1.7E-07	1.0E-14	6.4E-14
Acenaphthylene				2.6E-14	7.2E-14	8.1E-07	1.9E-06	1.0E-07	1.0E-07	1.3E-15	7.7E-15
Acenaphthene	1.5E-16					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Anthracene	1.8E-15					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
Benzo(a)anthracene	2.6E-13	3.8E-07	1.1E-13	3.5E-07	2.0E-13	1.3E-07	3.0E-07	1.6E-08	1.6E-08	5.3E-06	3.2E-05
Benzo(a)pyrene	1.3E-13	3.2E-07	5.6E-09	2.9E-07	1.0E-08	5.0E-08	1.2E-07	6.3E-09	6.3E-09	1.4E-08	1.1E-09
Benzo(b)fluoranthene	3.6E-14	5.2E-07	5.1E-09	4.8E-07	9.2E-09	5.6E-08	1.3E-07	7.0E-09	7.0E-09	2.3E-08	1.0E-09
Benzo(e)pyrene				1.5E-15	4.1E-15	4.3E-08	9.9E-08	5.4E-09	5.4E-09	7.2E-17	4.4E-16
Benzo(g,h,i)perylene				1.1E-15	3.0E-15	3.3E-08	7.6E-08	4.1E-09	4.1E-09	5.3E-17	3.2E-16
Benzo(k)fluoranthene	2.9E-16	2.8E-07	3.6E-15	2.6E-07	6.5E-15	5.0E-10	1.2E-09	6.2E-11	6.2E-11	1.3E-08	7.0E-16
Biphenyl				1.4E-16	4.0E-16	4.8E-06	1.1E-05	6.0E-07	6.0E-07	8.4E-14	5.2E-13

Table H-289 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	4.6E-14	4.0E-07	1.4E-13	3.7E-07	2.6E-13	2.2E-07	5.1E-07	2.7E-08	2.7E-08	1.8E-08	2.8E-14
Dibenze(a,h)anthracene	6.6E-15	6.3E-08	1.8E-14	5.7E-08	3.3E-14	8.0E-09	1.8E-08	9.9E-10	9.9E-10	2.8E-09	3.5E-15
Fluoranthene	1.2E-14	2.7E-15	3.8E-15	2.5E-15	6.9E-15	3.2E-07	7.4E-07	4.0E-08	4.0E-08	1.2E-16	7.5E-16
Fluorene	2.6E-15					8.0E-07	1.9E-06	1.0E-07	1.0E-07		
Indeno(1,2,3-cd)pyrene	1.7E-14	8.3E-08	5.0E-14	7.5E-08	9.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	3.7E-09	9.8E-15
Napthalene	1.2E-15	8.0E-09		7.3E-09		6.4E-06	1.5E-05	8.0E-07	8.0E-07	1.1E-05	6.5E-05
Perylene				5.6E-16	1.6E-15	2.0E-08	4.6E-08	2.5E-09	2.5E-09	2.8E-17	1.7E-16
Phenanthrene	1.3E-14					1.5E-06	3.5E-06	1.9E-07	1.9E-07		
Pyrene	8.7E-15	9.2E-15	1.3E-14	8.3E-15	2.3E-14	3.1E-07	7.2E-07	3.9E-08	3.9E-08	2.3E-13	1.4E-12
Particulate											
Particulate Total Suspended Particulate				1.3E-10	3.6E-10	1.0E-03	2.3E-03	1.3E-04	1.3E-04	6.3E-12	3.9E-11
PM<10				1.6E-10	4.6E-10	1.3E-03	3.1E-03	1.7E-04	1.7E-04	8.0E-12	5.0E-11
PM<2.5				1.4E-10	3.8E-10	1.1E-03	2.6E-03	1.4E-04	1.4E-04	6.7E-12	4.1E-11
PCBs											
Dichlorobiphenyl	2.6E-16	2.5E-17	3.5E-17	2.1E-17	5.8E-17	4.0E-09	9.2E-09	5.0E-10	5.0E-10	1.9E-15	1.2E-14
Heptachlorobiphenyl	9.8E-18	2.9E-18	4.0E-18	2.4E-18	6.8E-18	5.4E-11	1.3E-10	6.8E-12	6.8E-12	1.2E-16	7.6E-16
Hexachlorobiphenyl	4.0E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	2.3E-10	5.3E-10	2.9E-11	2.9E-11	5.6E-16	3.4E-15
Monochlorobiphenyl	1.8E-15	1.7E-16	2.4E-16	1.4E-16	4.1E-16	2.8E-08	6.4E-08	3.5E-09	3.5E-09	1.4E-14	8.3E-14
Nonachlorobiphenyl	1.2E-18	5.1E-19	7.1E-19	4.3E-19	1.2E-18	7.7E-12	1.8E-11	9.6E-13	9.6E-13	2.2E-17	1.3E-16
Octachlorobiphenyl	2.9E-18	9.3E-19	1.3E-18	7.8E-19	2.2E-18	1.7E-11	3.8E-11	2.1E-12	2.1E-12	4.0E-17	2.5E-16
Pentachlorobiphenyl	1.3E-16	4.7E-17	6.5E-17	3.9E-17	1.1E-16	7.8E-10	1.8E-09	9.8E-11	9.8E-11	2.0E-15	1.2E-14
Tetrachlorobiphenyl	7.8E-17	9.4E-18	1.3E-17	8.0E-18	2.2E-17	1.3E-09	3.0E-09	1.6E-10	1.6E-10	7.4E-16	4.6E-15
Trichlorobiphenyl	1.0E-16	1.1E-17	1.6E-17	9.6E-18	2.7E-17	1.6E-09	3.8E-09	2.0E-10	2.0E-10	8.9E-16	5.5E-15
Pesticides											

Table H-289 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
DDE				2.8E-08	1.2E-08					8.7E-07	5.4E-06
Dieldrin		2.6E-09		3.1E-09						1.5E-10	
SVOCs											
1,2,4-trichlorobenzene						1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,2-dichlorobenzene	1.2E-19					4.7E-09	1.1E-08	5.8E-10	5.8E-10		
1,3-Butadiene						1.2E-03					
1,3-dichlorobenzene	3.0E-19					7.0E-09	1.6E-08	8.7E-10	8.7E-10		
1,4-dichlorobenzene	4.0E-18					6.5E-08	1.5E-07	8.1E-09	8.1E-09		
2,4-Dimethylphenol	1.1E-16					1.0E-06	2.4E-06	1.3E-07	1.3E-07		
2-Chlorophenol	5.5E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
2-Methylphenol	2.3E-15					2.4E-06	5.5E-06	3.0E-07	3.0E-07		
2-Nitrophenol	1.4E-17					3.2E-07	7.5E-07	4.0E-08	4.0E-08		
3-Methylphenol & 4-Methylphenol				1.6E-13	4.4E-13	4.3E-06	9.9E-06	5.4E-07	5.4E-07	7.7E-15	4.8E-14
4-Nitrophenol	2.8E-17					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Acetophenone	1.7E-16					5.1E-06	1.2E-05	6.4E-07	6.4E-07		
Benzoic acid	6.8E-16					2.3E-05	5.3E-05	2.9E-06	2.9E-06		
Benzyl alcohol	4.2E-19					1.9E-07	4.5E-07	2.4E-08	2.4E-08		
bis(2-Ethylhexyl) phthalate	2.1E-14	2.9E-13	4.0E-13	3.4E-13	9.5E-13	8.1E-06	1.9E-05	1.0E-06	1.0E-06	1.7E-14	1.0E-13
Butyl benzyl phthalate	7.5E-15	1.4E-16	1.9E-16	1.6E-16	4.6E-16	2.6E-07	5.9E-07	3.2E-08	3.2E-08	8.1E-18	5.0E-17
Carbazole				6.0E-16	1.7E-15	7.2E-09	1.7E-08	9.0E-10	9.0E-10	2.9E-17	1.8E-16
Dibenzofuran		6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.1E-07	9.4E-07	5.1E-08	5.1E-08	1.0E-14	6.4E-14
Dimethyl phthalate	2.8E-18					1.4E-08	3.3E-08	1.8E-09	1.8E-09		
Di-n-butyl phthalate	7.2E-14	1.4E-16	1.9E-16	1.6E-16	4.6E-16	3.9E-07	9.1E-07	4.9E-08	4.9E-08	8.1E-18	5.0E-17
Di-n-octyl phthalate	5.4E-19	4.0E-16	5.6E-16	4.8E-16	1.3E-15	2.8E-08	6.4E-08	3.4E-09	3.4E-09	2.3E-17	1.4E-16

Table H-289 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	2.9E-16					1.9E-06	4.4E-06	2.4E-07	2.4E-07		
Isopropanol						1.4E-01					
Phenol	6.3E-15					1.3E-05	3.0E-05	1.6E-06	1.6E-06		
Pyridine	3.3E-16					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
TRS											
Total Reduced Sulfur						1.2E-05	2.9E-05	1.6E-06	1.6E-06		
VOCs											
1,1,1,2-Tetrachloroethane	1.2E-19					5.8E-09	1.3E-08	7.2E-10	7.2E-10		
1,1,1-Trichloroethane	7.5E-21					5.7E-09	1.3E-08	7.1E-10	7.1E-10		
1,1-Dichloroethene	2.6E-22					1.1E-09	2.6E-09	1.4E-10	1.4E-10		
1,2,3-Trichlorobenzene	8.0E-18					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2,3-Trichloropropane	4.6E-20					4.6E-09	1.1E-08	5.8E-10	5.8E-10		
1,2,4-Trimethylbenzene						2.7E-07	6.2E-07	3.3E-08	3.3E-08		
1,2-Dibromoethane	1.6E-20					3.0E-09	6.8E-09	3.7E-10	3.7E-10		
1,2-Dichloroethane	5.0E-19					1.2E-07	2.7E-07	4.3E-05	4.3E-05		
1,3,5-Trimethylbenzene	2.6E-18					2.5E-07	5.8E-07	3.1E-08	3.1E-08		
1,3-Dichloropropane						2.9E-09	6.6E-09	3.6E-10	3.6E-10		
2-Butanone	1.0E-16					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
2-Chlorotoluene						6.3E-08	1.5E-07	7.9E-09	7.9E-09		
2-Hexanone						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
Benzene	8.5E-17					4.7E-03	8.6E-05	4.2E-04	4.2E-04		
Bromobenzene						1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Bromochloromethane						3.8E-09	8.7E-09	4.7E-10	4.7E-10		
Bromodichloromethane	1.3E-20					4.1E-09	9.4E-09	5.1E-10	5.1E-10		

Table H-289 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromomethane	5.7E-20					1.6E-07	3.8E-07	2.0E-08	2.0E-08		
Carbon disulfide	5.4E-20					1.4E-07	3.3E-07	1.8E-08	1.8E-08		
Carbon tetrachloride	5.8E-21					6.0E-03	2.2E-08	6.6E-04	6.6E-04		
Chlorobenzene	2.0E-18					2.1E-07	4.8E-07	2.6E-08	2.6E-08		
Chlorodibromomethane	7.8E-19					1.0E-07	2.3E-07	1.3E-08	1.3E-08		
Chloroethane	1.6E-19					3.9E-07	9.1E-07	4.9E-08	4.9E-08		
Chloroform	1.2E-19					1.4E-03	1.9E-07	1.0E-04	1.0E-04		
Chloromethane	4.2E-19					1.3E-06	3.1E-06	1.7E-07	1.7E-07		
cis-1,2-Dichloroethene	1.6E-19					1.7E-07	3.9E-07	2.1E-08	2.1E-08		
cis-1,3-Dichloropropene						1.0E-09	2.4E-09	1.3E-10	1.3E-10		
Dibromomethane	1.8E-20					8.7E-09	2.0E-08	1.1E-09	1.1E-09		
Dichlorodifluoromethane	2.0E-22					1.1E-08	2.5E-08	1.3E-09	1.3E-09		
Ethylbenzene	6.4E-17					2.3E-03	1.9E-05	1.0E-06	1.0E-06		
Isopropylbenzene	8.4E-20					6.8E-07	1.6E-06	8.4E-08	8.4E-08		
m&p-Xylene	1.0E-17					1.6E-06	3.6E-06	2.0E-07	2.0E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19					1.5E-08	3.5E-08	1.9E-09	1.9E-09		
Methylene chloride	1.1E-18					7.7E-07	1.8E-06	9.7E-08	9.7E-08		
n-Butylbenzene						3.3E-07	7.7E-07	4.2E-08	4.2E-08		
n-Propylbenzene						4.0E-07	9.3E-07	5.0E-08	5.0E-08		
o-Xylene	1.2E-17					9.8E-07	2.3E-06	1.2E-07	1.2E-07		
p-Chlorotoluene						2.4E-08	5.5E-08	3.0E-09	3.0E-09		
p-Isopropyltoluene						1.6E-07	3.8E-07	2.1E-08	2.1E-08		
sec-Butylbenzene						6.1E-08	1.4E-07	7.6E-09	7.6E-09		
Styrene	4.0E-16					2.2E-05	5.1E-05	2.7E-06	2.7E-06		

Table H-289 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)
tert-Butylbenzene						2.0E-06	4.5E-06	2.4E-07	2.4E-07			
Tetrachloroethene	2.8E-20					5.2E-09	1.2E-08	6.5E-10	6.5E-10			
Toluene	6.7E-17					1.4E-05	3.1E-05	1.7E-06	1.7E-06			
trans-1,2-Dichloroethene	2.5E-18					3.6E-06	8.4E-06	4.5E-07	4.5E-07			
trans-1,3-Dichloropropene						1.8E-09	4.2E-09	2.3E-10	2.3E-10			
Trichloroethene	2.9E-22					1.6E-03	7.2E-10	3.9E-11	3.9E-11			
Trichlorofluoromethane	4.5E-22					3.7E-09	8.6E-09	4.7E-10	4.7E-10			
Vinyl chloride	2.1E-20					1.3E-04	4.9E-07	2.7E-08	2.7E-08			

Table H-290 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					6.2E-07	2.7E-02	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19	
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19	
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18	
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19	
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19	
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19	
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20	
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19	
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19	

Table H-290 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				9.4E-03	1.9E-02					4.6E-07	2.1E-06
Antimony	1.6E-17			4.3E-07	1.7E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	2.1E-11	1.8E-11
Arsenic	8.1E-16	2.0E-07	1.8E-07	4.6E-07	8.6E-07	5.9E-10	1.4E-09	7.4E-11	7.4E-11	3.8E-11	1.6E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				1.8E-05	6.4E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	8.8E-10	6.9E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				1.7E-02	4.3E-02					8.4E-07	4.7E-06
Lead	6.9E-18			8.6E-05	1.4E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	4.2E-09	1.6E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				2.3E-08	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	4.3E-08	2.7E-07
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18

Table H-290 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			4.0E-04	1.3E-03	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.0E-08	1.4E-07
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	9.0E-06	2.8E-12	8.1E-06	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	1.2E-07	7.6E-07
Benzo(a)pyrene	3.1E-12	7.5E-06	1.3E-07	6.8E-06	2.4E-07	1.2E-09	2.7E-09	1.5E-10	1.5E-10	3.4E-10	2.6E-11
Benzo(b)fluoranthene	8.3E-13	1.2E-05	1.2E-07	1.1E-05	2.2E-07	1.3E-09	3.0E-09	1.6E-10	1.6E-10	5.5E-10	2.3E-11
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	6.6E-06	1.1E-13	6.0E-06	2.0E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	2.9E-10	2.2E-17
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14

Table H-290 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	1.1E-12	9.4E-06	3.8E-12	8.6E-06	7.0E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	4.2E-10	7.5E-16
Dibenze(a,h)anthracene	1.6E-13	1.5E-06	4.8E-13	1.3E-06	8.7E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	6.5E-11	9.4E-17
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.9E-06	1.3E-12	1.8E-06	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	8.6E-11	2.5E-16
Napthalene	2.8E-14	1.9E-07		1.7E-07		1.5E-07	3.4E-07	1.9E-08	1.9E-08	2.5E-07	1.5E-06
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16
Pesticides											

Table H-290 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
DDE				6.4E-07	2.8E-07					2.0E-08	1.3E-07
Dieldrin		6.2E-08		7.3E-08						3.6E-12	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						2.7E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18

Table H-290 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						3.2E-03					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					1.1E-04	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		

Table H-290 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.4E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					3.2E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					5.3E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		

Table H-290 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09				
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11				
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08				
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08				
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12				
Trichloroethene	6.8E-21					3.7E-05	1.7E-11	9.1E-13	9.1E-13				
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11				
Vinyl chloride	4.8E-19					3.0E-06	1.1E-08	6.2E-10	6.2E-10				

Table H-291 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.6E-05	1.3E-03	4.5E-06	4.3E-04		
Aldehydes											
Acetaldehyde	3.9E-15					6.2E-05	2.2E-03	7.8E-06	7.4E-04		
Formaldehyde	1.9E-14					2.6E-05	8.7E-04	3.3E-06	2.9E-04		
Propionaldehyde				9.6E-17	3.1E-15	6.8E-06	2.5E-04	8.5E-07	8.2E-05	7.2E-13	5.1E-11
CO											
Carbon monoxide						1.9E-03	7.1E-02	2.4E-04	2.4E-02		
CO2											
Carbon dioxide						6.0E-05	2.1E-03	7.5E-06	7.2E-04		
Criteria											
Sulfur Dioxide						1.6E-05	5.2E-04	2.0E-06	1.7E-04		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	5.3E-20	5.3E-17	1.0E-15	2.1E-16	7.9E-15	3.6E-11	1.4E-09	4.5E-12	4.8E-10	1.0E-17	8.5E-16
1,2,3,4,6,7,8-HpCDF	5.1E-20	5.4E-17	1.0E-15	2.1E-16	7.9E-15	3.7E-11	1.5E-09	4.6E-12	4.9E-10	1.0E-17	8.5E-16
1,2,3,4,7,8,9-HpCDF	7.8E-21	6.2E-18	1.2E-16	2.4E-17	9.5E-16	4.7E-12	1.9E-10	5.8E-13	6.3E-11	1.2E-18	1.0E-16
1,2,3,4,7,8-HxCDD	6.0E-20	6.1E-18	1.2E-16	2.4E-17	9.2E-16	4.4E-12	1.8E-10	5.4E-13	5.9E-11	1.2E-18	9.9E-17
1,2,3,4,7,8-HxCDF	4.1E-19	4.8E-17	9.2E-16	1.9E-16	7.3E-15	3.5E-11	1.4E-09	4.4E-12	4.8E-10	9.3E-18	7.9E-16
1,2,3,6,7,8-HxCDD	1.1E-19	1.2E-17	2.4E-16	4.9E-17	1.9E-15	9.2E-12	3.7E-10	1.1E-12	1.2E-10	2.4E-18	2.0E-16
1,2,3,6,7,8-HxCDF	1.5E-19	1.6E-17	3.1E-16	6.2E-17	2.4E-15	1.1E-11	4.7E-10	1.4E-12	1.6E-10	3.0E-18	2.6E-16
1,2,3,7,8,9-HxCDD	1.7E-19	1.9E-17	3.7E-16	7.7E-17	3.0E-15	1.4E-11	5.6E-10	1.7E-12	1.9E-10	3.8E-18	3.2E-16
1,2,3,7,8,9-HxCDF	1.2E-20	1.1E-18	2.2E-17	4.4E-18	1.7E-16	8.8E-13	3.6E-11	1.1E-13	1.2E-11	2.2E-19	1.9E-17
1,2,3,7,8-PeCDD	3.2E-19	6.8E-18	1.3E-16	2.7E-17	1.1E-15	5.5E-12	2.3E-10	6.9E-13	7.5E-11	1.3E-18	1.1E-16
1,2,3,7,8-PeCDF	4.4E-19	8.0E-18	1.6E-16	3.2E-17	1.2E-15	7.9E-12	3.2E-10	9.9E-13	1.1E-10	1.6E-18	1.3E-16

Table H-291 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	2.2E-19	2.5E-17	4.6E-16	9.7E-17	3.7E-15	1.8E-11	7.1E-10	2.2E-12	2.4E-10	4.7E-18	3.9E-16
2,3,4,7,8-PeCDF	7.0E-19	1.9E-17	3.8E-16	7.6E-17	3.0E-15	1.8E-11	7.2E-10	2.2E-12	2.4E-10	3.7E-18	3.2E-16
2,3,7,8-TCDD	1.1E-19	1.4E-18	2.0E-17	5.5E-18	1.6E-16	2.2E-12	7.4E-11	2.8E-13	2.5E-11	1.9E-16	1.2E-14
2,3,7,8-TCDF	3.4E-19	2.5E-18	5.0E-17	1.0E-17	4.0E-16	8.2E-12	3.4E-10	1.0E-12	1.1E-10	4.9E-19	4.3E-17
OCDD	7.1E-22	3.6E-17	6.6E-16	1.4E-16	5.2E-15	2.4E-11	9.5E-10	3.0E-12	3.2E-10	7.0E-18	5.6E-16
OCDF	2.6E-22	1.4E-17	2.5E-16	5.5E-17	2.0E-15	9.1E-12	3.5E-10	1.1E-12	1.2E-10	2.7E-18	2.1E-16
HCN											
Hydrogen cyanide						6.8E-06	2.6E-04	8.5E-07	8.8E-05		
Metals											
Aluminum				4.0E-04						2.0E-05	
Antimony	6.7E-19			1.8E-08		4.5E-07	1.1E-05	5.6E-08	3.7E-06	9.0E-10	
Arsenic	3.5E-17	8.4E-09	2.1E-18	2.0E-08	9.8E-18	2.5E-08	9.0E-07	3.2E-09	3.0E-07	1.6E-09	1.8E-18
Barium	9.3E-14			1.2E-10	4.0E-09	5.4E-06	1.5E-04	6.7E-07	4.8E-05	5.7E-12	4.4E-10
Beryllium	1.4E-18			4.5E-17	1.7E-15	1.8E-09	6.2E-08	2.3E-10	2.1E-08	2.2E-18	1.8E-16
Cadmium	3.6E-16			3.5E-17	1.3E-15	3.2E-08	1.1E-06	4.1E-09	3.8E-07	1.7E-18	1.4E-16
Chromium	1.0E-16			3.0E-12	1.2E-10	2.8E-07	9.9E-06	3.5E-08	3.3E-06	1.5E-13	1.3E-11
Cobalt				7.7E-07	3.8E-10	4.2E-07	7.7E-06	5.3E-08	2.6E-06	3.8E-08	4.0E-11
Copper				1.2E-11	4.7E-10	7.6E-07	2.6E-05	9.5E-08	8.7E-06	6.1E-13	5.1E-11
Iron				7.4E-04						3.6E-05	
Lead	3.0E-19			3.7E-06	1.6E-13	2.6E-07	8.4E-06	3.2E-08	2.8E-06	1.8E-07	1.8E-14
Manganese				3.4E-14	1.3E-12	2.3E-07	8.1E-06	2.9E-08	2.7E-06	1.7E-15	1.4E-13
Mercury (+2)				1.4E-15	4.2E-14	1.0E-09	3.6E-08	1.3E-10	1.2E-08	6.7E-17	4.6E-15
Mercury, elemental				9.7E-10		4.2E-12	1.5E-10	5.3E-13	4.9E-11	1.9E-06	
Methyl Mercury	3.6E-16			8.2E-17	3.2E-15					4.0E-18	3.4E-16

Table H-291 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	1.4E-16			1.7E-05	6.6E-15	1.5E-07	5.1E-06	1.9E-08	1.7E-06	8.4E-07	7.2E-16
Phosphorus				3.2E-16	1.2E-14	1.1E-06	3.7E-05	1.4E-07	1.2E-05	3.1E-12	2.5E-10
Selenium	1.2E-17			1.7E-18	6.6E-17	7.5E-09	2.6E-07	9.3E-10	8.7E-08	8.5E-20	7.2E-18
Silver	8.6E-18			3.2E-14	1.2E-12	4.9E-09	1.6E-07	6.1E-10	5.3E-08	1.6E-15	1.3E-13
Titanium				3.4E-16	1.4E-14	2.6E-09	9.8E-08	3.3E-10	3.3E-08	1.7E-17	1.5E-15
Zinc	1.8E-13			7.9E-15	2.8E-13	5.9E-06	1.7E-04	7.3E-07	5.6E-05	3.9E-16	3.0E-14
NOx											
NOx (Oxides of Nitrogen)						6.7E-05	2.2E-03	8.4E-06	7.5E-04		
PAHs											
1-Methylnaphthalene		1.0E-17	2.1E-16	9.3E-18	3.8E-16	1.4E-06	5.9E-05	1.8E-07	2.0E-05	1.1E-14	9.5E-13
1-Methylphenanthrene				6.2E-15	2.6E-13	1.7E-07	7.1E-06	2.1E-08	2.4E-06	3.0E-16	2.8E-14
2,3,5-Trimethylnaphthalene				2.9E-15	1.3E-13	8.4E-08	3.6E-06	1.0E-08	1.2E-06	1.4E-16	1.4E-14
2,6-Dimethylnaphthalene				8.0E-15	3.4E-13	2.2E-07	9.3E-06	2.8E-08	3.1E-06	3.9E-16	3.6E-14
2-Methylnaphthalene		9.9E-18	2.0E-16	9.0E-18	3.7E-16	1.4E-06	5.7E-05	1.7E-07	1.9E-05	1.0E-14	9.3E-13
Acenaphthylene				2.6E-14	1.1E-12	8.1E-07	3.4E-05	1.0E-07	1.1E-05	1.3E-15	1.2E-13
Acenaphthene	1.5E-16					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Anthracene	1.8E-15					2.6E-07	1.1E-05	3.2E-08	3.7E-06		
Benzo(a)anthracene	2.6E-13	3.8E-07	1.7E-12	3.5E-07	3.1E-12	1.3E-07	5.5E-06	1.6E-08	1.8E-06	5.3E-06	1.0E-10
Benzo(a)pyrene	1.3E-13	3.2E-07	7.3E-13	2.9E-07	1.3E-12	5.0E-08	2.1E-06	6.3E-09	7.0E-07	1.4E-08	1.4E-13
Benzo(b)fluoranthene	3.6E-14	5.2E-07	3.9E-14	4.8E-07	7.2E-14	5.6E-08	2.3E-06	7.0E-09	7.6E-07	2.3E-08	7.7E-15
Benzo(e)pyrene				1.5E-15	5.7E-14	4.3E-08	1.8E-06	5.4E-09	5.8E-07	7.2E-17	6.2E-15
Benzo(g,h,i)perylene				1.1E-15	4.4E-14	3.3E-08	1.4E-06	4.1E-09	4.5E-07	5.3E-17	4.7E-15
Benzo(k)fluoranthene	2.9E-16	2.8E-07	2.4E-14	2.6E-07	4.3E-14	5.0E-10	8.9E-09	6.2E-11	3.0E-09	1.3E-08	4.6E-15
Biphenyl				1.4E-16	6.0E-15	4.8E-06	2.0E-04	6.0E-07	6.7E-05	8.4E-14	7.7E-12

Table H-291 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	4.6E-14	4.0E-07	2.1E-12	3.7E-07	3.8E-12	2.2E-07	9.1E-06	2.7E-08	3.0E-06	1.8E-08	4.1E-13
Dibenze(a,h)anthracene	6.6E-15	6.3E-08	2.6E-13	5.7E-08	4.7E-13	8.0E-09	3.3E-07	9.9E-10	1.1E-07	2.8E-09	5.0E-14
Fluoranthene	1.2E-14	2.7E-15	5.5E-14	2.5E-15	1.0E-13	3.2E-07	1.3E-05	4.0E-08	4.4E-06	1.2E-16	1.1E-14
Fluorene	2.6E-15					8.0E-07	3.4E-05	1.0E-07	1.1E-05		
Indeno(1,2,3-cd)pyrene	1.7E-14	8.3E-08	7.1E-13	7.5E-08	1.3E-12	2.6E-08	1.1E-06	3.3E-09	3.6E-07	3.7E-09	1.4E-13
Napthalene	1.2E-15	8.0E-09		7.3E-09		6.4E-06	2.7E-04	8.0E-07	8.8E-05	1.1E-05	
Perylene				5.6E-16	2.6E-14	2.0E-08	8.7E-07	2.5E-09	2.9E-07	2.8E-17	2.8E-15
Phenanthrene	1.3E-14					1.5E-06	6.2E-05	1.9E-07	2.1E-05		
Pyrene	8.7E-15	9.2E-15	1.9E-13	8.3E-15	3.4E-13	3.1E-07	1.3E-05	3.9E-08	4.3E-06	2.3E-13	2.1E-11
Particulate											
Particulate Total Suspended Particulate				1.3E-10	5.2E-09	1.0E-03	3.9E-02	1.3E-04	1.3E-02	6.3E-12	5.6E-10
PM<10				1.6E-10	6.8E-09	1.3E-03	5.2E-02	1.7E-04	1.7E-02	8.0E-12	7.3E-10
PM<2.5				1.4E-10	5.7E-09	1.1E-03	4.5E-02	1.4E-04	1.5E-02	6.7E-12	6.2E-10
PCBs											
Dichlorobiphenyl	2.6E-16	2.5E-17	4.9E-16	2.1E-17	8.3E-16	4.0E-09	1.6E-07	5.0E-10	5.4E-08	1.9E-15	1.7E-13
Heptachlorobiphenyl	9.8E-18	2.9E-18	5.5E-17	2.4E-18	9.4E-17	5.4E-11	2.2E-09	6.8E-12	7.3E-10	1.2E-16	1.0E-14
Hexachlorobiphenyl	4.0E-17	1.3E-17	2.3E-16	1.1E-17	3.9E-16	2.3E-10	8.9E-09	2.9E-11	3.0E-09	5.6E-16	4.4E-14
Monochlorobiphenyl	1.8E-15	1.7E-16	3.4E-15	1.4E-16	5.8E-15	2.8E-08	1.1E-06	3.5E-09	3.8E-07	1.4E-14	1.2E-12
Nonachlorobiphenyl	1.2E-18	5.1E-19	7.9E-18	4.3E-19	1.3E-17	7.7E-12	2.7E-10	9.6E-13	9.1E-11	2.2E-17	1.5E-15
Octachlorobiphenyl	2.9E-18	9.3E-19	1.7E-17	7.8E-19	2.9E-17	1.7E-11	6.5E-10	2.1E-12	2.2E-10	4.0E-17	3.2E-15
Pentachlorobiphenyl	1.3E-16	4.7E-17	8.0E-16	3.9E-17	1.3E-15	7.8E-10	3.0E-08	9.8E-11	9.9E-09	2.0E-15	1.5E-13
Tetrachlorobiphenyl	7.8E-17	9.4E-18	1.6E-16	8.0E-18	2.7E-16	1.3E-09	4.8E-08	1.6E-10	1.6E-08	7.4E-16	5.5E-14
Trichlorobiphenyl	1.0E-16	1.1E-17	2.0E-16	9.6E-18	3.4E-16	1.6E-09	6.3E-08	2.0E-10	2.1E-08	8.9E-16	7.0E-14
Pesticides											

Table H-291 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
DDE				2.8E-08						8.7E-07	
Dieldrin		2.6E-09		3.1E-09						1.5E-10	
SVOCs											
1,2,4-trichlorobenzene						1.2E-08	3.7E-07	1.4E-09	1.2E-07		
1,2-dichlorobenzene	1.2E-19					4.7E-09	8.3E-08	5.8E-10	2.8E-08		
1,3-Butadiene						1.2E-03					
1,3-dichlorobenzene	3.0E-19					7.0E-09	2.4E-07	8.7E-10	7.9E-08		
1,4-dichlorobenzene	4.0E-18					6.5E-08	2.9E-06	8.1E-09	9.7E-07		
2,4-Dimethylphenol	1.1E-16					1.0E-06	4.1E-05	1.3E-07	1.4E-05		
2-Chlorophenol	5.5E-18					2.0E-07	8.8E-06	2.5E-08	2.9E-06		
2-Methylphenol	2.3E-15					2.4E-06	1.0E-04	3.0E-07	3.3E-05		
2-Nitrophenol	1.4E-17					3.2E-07	1.3E-05	4.0E-08	4.5E-06		
3-Methylphenol & 4-Methylphenol				1.6E-13	6.6E-12	4.3E-06	1.8E-04	5.4E-07	6.0E-05	7.7E-15	7.1E-13
4-Nitrophenol	2.8E-17					5.4E-07	2.1E-05	6.7E-08	6.9E-06		
Acetophenone	1.7E-16					5.1E-06	2.1E-04	6.4E-07	7.0E-05		
Benzoic acid	6.8E-16					2.3E-05	9.6E-04	2.9E-06	3.2E-04		
Benzyl alcohol	4.2E-19					1.9E-07	5.8E-06	2.4E-08	1.9E-06		
bis(2-Ethylhexyl) phthalate	2.1E-14	2.9E-13	5.2E-12	3.4E-13	1.2E-11	8.1E-06	3.2E-04	1.0E-06	1.1E-04	1.7E-14	1.3E-12
Butyl benzyl phthalate	7.5E-15	1.4E-16	2.8E-15	1.6E-16	6.7E-15	2.6E-07	1.1E-05	3.2E-08	3.5E-06	8.1E-18	7.3E-16
Carbazole				6.0E-16	1.1E-14	7.2E-09	1.3E-07	9.0E-10	4.3E-08	2.9E-17	1.2E-15
Dibenzofuran		6.2E-18	1.2E-16	2.4E-17	9.7E-16	4.1E-07	1.7E-05	5.1E-08	5.6E-06	1.0E-14	9.1E-13
Dimethyl phthalate	2.8E-18					1.4E-08	2.5E-07	1.8E-09	8.5E-08		
Di-n-butyl phthalate	7.2E-14	1.4E-16	2.9E-15	1.6E-16	6.8E-15	3.9E-07	1.6E-05	4.9E-08	5.4E-06	8.1E-18	7.3E-16
Di-n-octyl phthalate	5.4E-19	4.0E-16	3.7E-15	4.8E-16	8.8E-15	2.8E-08	4.9E-07	3.4E-09	1.6E-07	2.3E-17	9.5E-16

Table H-291 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	2.9E-16					1.9E-06	3.4E-05	2.4E-07	1.1E-05		
Isopropanol						1.4E-01					
Phenol	6.3E-15					1.3E-05	5.3E-04	1.6E-06	1.8E-04		
Pyridine	3.3E-16					1.2E-06	5.1E-05	1.5E-07	1.7E-05		
TRS											
Total Reduced Sulfur						1.2E-05	5.4E-04	1.6E-06	1.8E-04		
VOCs											
1,1,1,2-Tetrachloroethane	1.2E-19					5.8E-09	2.0E-07	7.2E-10	6.5E-08		
1,1,1-Trichloroethane	7.5E-21					5.7E-09	2.1E-07	7.1E-10	7.1E-08		
1,1-Dichloroethene	2.6E-22					1.1E-09	2.0E-08	1.4E-10	6.6E-09		
1,2,3-Trichlorobenzene	8.0E-18					2.3E-08	8.5E-07	2.9E-09	2.8E-07		
1,2,3-Trichloropropane	4.6E-20					4.6E-09	8.3E-08	5.8E-10	2.8E-08		
1,2,4-Trimethylbenzene						2.7E-07	8.5E-06	3.3E-08	2.8E-06		
1,2-Dibromoethane	1.6E-20					3.0E-09	5.3E-08	3.7E-10	1.8E-08		
1,2-Dichloroethane	5.0E-19					1.2E-07	4.5E-06	4.3E-05	1.5E-06		
1,3,5-Trimethylbenzene	2.6E-18					2.5E-07	7.5E-06	3.1E-08	2.5E-06		
1,3-Dichloropropane						2.9E-09	5.1E-08	3.6E-10	1.7E-08		
2-Butanone	1.0E-16					1.4E-06	5.6E-05	1.8E-07	1.9E-05		
2-Chlorotoluene						6.3E-08	2.6E-06	7.9E-09	8.7E-07		
2-Hexanone						2.9E-07	1.1E-05	3.6E-08	3.5E-06		
Benzene	8.5E-17					4.7E-03	1.5E-03	4.2E-04	4.9E-04		
Bromobenzene						1.6E-06	2.8E-05	2.0E-07	9.5E-06		
Bromochloromethane						3.8E-09	6.7E-08	4.7E-10	2.2E-08		
Bromodichloromethane	1.3E-20					4.1E-09	7.3E-08	5.1E-10	2.4E-08		

Table H-291 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromomethane	5.7E-20					1.6E-07	4.9E-06	2.0E-08	1.6E-06		
Carbon disulfide	5.4E-20					1.4E-07	4.2E-06	1.8E-08	1.4E-06		
Carbon tetrachloride	5.8E-21					6.0E-03	1.7E-07	6.6E-04	5.6E-08		
Chlorobenzene	2.0E-18					2.1E-07	7.4E-06	2.6E-08	2.5E-06		
Chlorodibromomethane	7.8E-19					1.0E-07	1.8E-06	1.3E-08	6.0E-07		
Chloroethane	1.6E-19					3.9E-07	1.4E-05	4.9E-08	4.5E-06		
Chloroform	1.2E-19					1.4E-03	1.6E-06	1.0E-04	5.5E-07		
Chloromethane	4.2E-19					1.3E-06	4.0E-05	1.7E-07	1.3E-05		
cis-1,2-Dichloroethene	1.6E-19					1.7E-07	3.0E-06	2.1E-08	1.0E-06		
cis-1,3-Dichloropropene						1.0E-09	1.9E-08	1.3E-10	6.2E-09		
Dibromomethane	1.8E-20					8.7E-09	1.6E-07	1.1E-09	5.2E-08		
Dichlorodifluoromethane	2.0E-22					1.1E-08	1.9E-07	1.3E-09	6.3E-08		
Ethylbenzene	6.4E-17					2.3E-03	3.2E-04	1.0E-06	1.1E-04		
Isopropylbenzene	8.4E-20					6.8E-07	2.3E-05	8.4E-08	7.7E-06		
m&p-Xylene	1.0E-17					1.6E-06	5.3E-05	2.0E-07	1.8E-05		
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19					1.5E-08	2.7E-07	1.9E-09	9.1E-08		
Methylene chloride	1.1E-18					7.7E-07	2.8E-05	9.7E-08	9.5E-06		
n-Butylbenzene						3.3E-07	9.9E-06	4.2E-08	3.3E-06		
n-Propylbenzene						4.0E-07	1.3E-05	5.0E-08	4.4E-06		
o-Xylene	1.2E-17					9.8E-07	3.3E-05	1.2E-07	1.1E-05		
p-Chlorotoluene						2.4E-08	7.2E-07	3.0E-09	2.4E-07		
p-Isopropyltoluene						1.6E-07	3.9E-06	2.1E-08	1.3E-06		
sec-Butylbenzene						6.1E-08	1.9E-06	7.6E-09	6.2E-07		
Styrene	4.0E-16					2.2E-05	8.0E-04	2.7E-06	2.7E-04		

Table H-291 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						2.0E-06	3.5E-05	2.4E-07	1.2E-05		
Tetrachloroethene	2.8E-20					5.2E-09	1.8E-07	6.5E-10	6.0E-08		
Toluene	6.7E-17					1.4E-05	5.3E-04	1.7E-06	1.8E-04		
trans-1,2-Dichloroethene	2.5E-18					3.6E-06	6.5E-05	4.5E-07	2.2E-05		
trans-1,3-Dichloropropene						1.8E-09	3.2E-08	2.3E-10	1.1E-08		
Trichloroethene	2.9E-22					1.6E-03	5.6E-09	3.9E-11	1.9E-09		
Trichlorofluoromethane	4.5E-22					3.7E-09	6.7E-08	4.7E-10	2.2E-08		
Vinyl chloride	2.1E-20					1.3E-04	5.2E-06	2.7E-08	1.7E-06		

Table H-292 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	3.0E-05	1.0E-07	9.9E-06		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	5.2E-05	1.8E-07	1.7E-05		
Formaldehyde	4.5E-13					6.2E-07	2.0E-05	7.7E-08	6.8E-06		
Propionaldehyde				2.2E-15	7.2E-14	1.6E-07	5.8E-06	2.0E-08	1.9E-06	1.7E-14	1.2E-12
CO											
Carbon monoxide						4.5E-05	1.7E-03	5.6E-06	5.6E-04		
CO2											
Carbon dioxide						1.4E-06	5.0E-05	1.8E-07	1.7E-05		
Criteria											
Sulfur Dioxide						3.8E-07	1.2E-05	4.7E-08	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	4.0E-14	8.5E-15	3.2E-13	8.5E-13	3.4E-11	1.1E-13	1.1E-11	4.2E-19	3.4E-17
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	4.1E-14	8.6E-15	3.2E-13	8.6E-13	3.4E-11	1.1E-13	1.1E-11	4.2E-19	3.5E-17
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	4.9E-15	9.9E-16	3.9E-14	1.1E-13	4.4E-12	1.4E-14	1.5E-12	4.8E-20	4.2E-18
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	4.7E-15	9.7E-16	3.7E-14	1.0E-13	4.1E-12	1.3E-14	1.4E-12	4.7E-20	4.0E-18
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	3.8E-14	7.7E-15	3.0E-13	8.3E-13	3.3E-11	1.0E-13	1.1E-11	3.8E-19	3.2E-17
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	9.7E-15	2.0E-15	7.7E-14	2.1E-13	8.7E-12	2.7E-14	2.9E-12	9.7E-20	8.3E-18
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	1.2E-14	2.5E-15	9.8E-14	2.7E-13	1.1E-11	3.4E-14	3.6E-12	1.2E-19	1.1E-17
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.5E-14	3.1E-15	1.2E-13	3.2E-13	1.3E-11	4.1E-14	4.4E-12	1.5E-19	1.3E-17
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	8.9E-16	1.8E-16	7.1E-15	2.1E-14	8.4E-13	2.6E-15	2.8E-13	8.8E-21	7.6E-19
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	5.4E-15	1.1E-15	4.3E-14	1.3E-13	5.3E-12	1.6E-14	1.8E-12	5.4E-20	4.6E-18
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	6.4E-15	1.3E-15	5.1E-14	1.8E-13	7.5E-12	2.3E-14	2.5E-12	6.3E-20	5.5E-18

Table H-292 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.9E-14	3.9E-15	1.5E-13	4.2E-13	1.7E-11	5.2E-14	5.6E-12	1.9E-19	1.6E-17
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.5E-14	3.1E-15	1.2E-13	4.1E-13	1.7E-11	5.2E-14	5.6E-12	1.5E-19	1.3E-17
2,3,7,8-TCDD	2.7E-18	5.5E-17	8.0E-16	2.2E-16	6.3E-15	5.2E-14	1.7E-12	6.5E-15	5.8E-13	7.4E-18	4.7E-16
2,3,7,8-TCDF	8.2E-18	1.0E-16	2.0E-15	4.0E-16	1.6E-14	1.9E-13	7.8E-12	2.4E-14	2.6E-12	2.0E-20	1.7E-18
OCDD	2.5E-20	1.5E-15	2.7E-14	5.8E-15	2.1E-13	5.6E-13	2.2E-11	7.0E-14	7.4E-12	2.8E-19	2.3E-17
OCDF	9.3E-21	5.7E-16	1.0E-14	2.2E-15	8.0E-14	2.1E-13	8.2E-12	2.6E-14	2.7E-12	1.1E-19	8.6E-18
HCN											
Hydrogen cyanide						1.6E-07	6.2E-06	2.0E-08	2.1E-06		
Metals											
Aluminum				9.4E-03						4.6E-07	
Antimony	1.6E-17			4.3E-07		1.0E-08	2.6E-07	1.3E-09	8.6E-08	2.1E-11	
Arsenic	8.1E-16	2.0E-07	4.8E-17	4.6E-07	2.3E-16	5.9E-10	2.1E-08	7.4E-11	7.0E-09	3.8E-11	4.1E-20
Barium	2.7E-12			4.4E-09	1.5E-07	1.3E-07	3.4E-06	1.6E-08	1.1E-06	2.1E-13	1.6E-11
Beryllium	3.3E-17			1.0E-15	3.9E-14	4.3E-11	1.5E-09	5.4E-12	4.8E-10	5.1E-20	4.3E-18
Cadmium	8.3E-15			8.2E-16	3.1E-14	7.6E-10	2.6E-08	9.5E-11	8.8E-09	4.0E-20	3.4E-18
Chromium	2.8E-15			9.6E-11	3.7E-09	6.5E-09	2.3E-07	8.1E-10	7.7E-08	4.7E-15	4.0E-13
Cobalt				1.8E-05	1.4E-08	9.8E-09	1.8E-07	1.2E-09	6.0E-08	8.8E-10	1.5E-12
Copper				4.5E-10	1.7E-08	1.8E-08	6.1E-07	2.2E-09	2.0E-07	2.2E-14	1.8E-12
Iron				1.7E-02						8.4E-07	
Lead	6.9E-18			8.6E-05	3.8E-12	6.0E-09	2.0E-07	7.5E-10	6.5E-08	4.2E-09	4.1E-16
Manganese				8.0E-13	3.1E-11	5.5E-09	1.9E-07	6.8E-10	6.3E-08	3.9E-17	3.3E-15
Mercury (+2)				6.4E-14	2.0E-12	2.4E-11	8.3E-10	2.9E-12	2.8E-10	3.1E-18	2.1E-16
Mercury, elemental				2.3E-08		9.8E-14	3.5E-12	1.2E-14	1.2E-12	4.3E-08	
Methyl Mercury	1.3E-14			3.8E-15	1.5E-13					1.9E-19	1.6E-17

Table H-292 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			4.0E-04	1.6E-13	3.5E-09	1.2E-07	4.3E-10	4.0E-08	2.0E-08	1.7E-17
Phosphorus				7.5E-15	2.8E-13	2.6E-08	8.6E-07	3.3E-09	2.9E-07	7.2E-14	5.9E-12
Selenium	2.8E-16			4.0E-17	1.6E-15	1.7E-10	6.1E-09	2.2E-11	2.0E-09	2.0E-21	1.7E-19
Silver	2.1E-16			8.5E-13	3.2E-11	1.1E-10	3.7E-09	1.4E-11	1.2E-09	4.2E-17	3.4E-15
Titanium				8.0E-15	3.2E-13	6.1E-11	2.3E-09	7.6E-12	7.6E-10	3.9E-19	3.5E-17
Zinc	4.1E-12			1.8E-13	6.5E-12	1.4E-07	3.9E-06	1.7E-08	1.3E-06	9.0E-18	7.0E-16
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	5.2E-05	2.0E-07	1.7E-05		
PAHs											
1-Methylnaphthalene		2.4E-16	4.9E-15	2.2E-16	8.9E-15	3.3E-08	1.4E-06	4.1E-09	4.6E-07	2.5E-16	2.2E-14
1-Methylphenanthrene				1.5E-13	6.0E-12	3.9E-09	1.7E-07	4.9E-10	5.5E-08	7.1E-18	6.5E-16
2,3,5-Trimethylnaphthalene				6.8E-14	3.0E-12	1.9E-09	8.4E-08	2.4E-10	2.8E-08	3.3E-18	3.2E-16
2,6-Dimethylnaphthalene				1.9E-13	7.9E-12	5.1E-09	2.2E-07	6.4E-10	7.3E-08	9.1E-18	8.5E-16
2-Methylnaphthalene		2.3E-16	4.7E-15	2.1E-16	8.6E-15	3.2E-08	1.3E-06	4.0E-09	4.4E-07	2.4E-16	2.2E-14
Acenaphthylene				6.0E-13	2.5E-11	1.9E-08	8.0E-07	2.4E-09	2.7E-07	2.9E-17	2.7E-15
Acenaphthene	3.4E-15					3.5E-09	1.4E-07	4.3E-10	4.8E-08		
Anthracene	4.3E-14					6.1E-09	2.6E-07	7.6E-10	8.6E-08		
Benzo(a)anthracene	6.2E-12	9.0E-06	4.4E-11	8.1E-06	8.0E-11	3.0E-09	1.3E-07	3.7E-10	4.3E-08	1.2E-07	2.7E-12
Benzo(a)pyrene	3.1E-12	7.5E-06	1.8E-11	6.8E-06	3.3E-11	1.2E-09	4.9E-08	1.5E-10	1.6E-08	3.4E-10	3.6E-15
Benzo(b)fluoranthene	8.3E-13	1.2E-05	1.0E-12	1.1E-05	1.8E-12	1.3E-09	5.3E-08	1.6E-10	1.8E-08	5.5E-10	2.0E-16
Benzo(e)pyrene				3.4E-14	1.3E-12	1.0E-09	4.1E-08	1.3E-10	1.4E-08	1.7E-18	1.4E-16
Benzo(g,h,i)perylene				2.5E-14	1.0E-12	7.7E-10	3.2E-08	9.6E-11	1.1E-08	1.2E-18	1.1E-16
Benzo(k)fluoranthene	7.9E-15	6.6E-06	7.3E-13	6.0E-06	1.3E-12	1.2E-11	2.1E-10	1.5E-12	6.9E-11	2.9E-10	1.4E-16
Biphenyl				3.3E-15	1.4E-13	1.1E-07	4.7E-06	1.4E-08	1.6E-06	2.0E-15	1.8E-13

Table H-292 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	1.1E-12	9.4E-06	5.6E-11	8.6E-06	1.0E-10	5.1E-09	2.1E-07	6.4E-10	7.1E-08	4.2E-10	1.1E-14
Dibenze(a,h)anthracene	1.6E-13	1.5E-06	6.8E-12	1.3E-06	1.2E-11	1.9E-10	7.6E-09	2.3E-11	2.5E-09	6.5E-11	1.3E-15
Fluoranthene	2.8E-13	6.8E-14	1.4E-12	6.1E-14	2.5E-12	7.5E-09	3.1E-07	9.4E-10	1.0E-07	3.0E-18	2.7E-16
Fluorene	6.1E-14					1.9E-08	7.9E-07	2.3E-09	2.6E-07		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.9E-06	1.8E-11	1.8E-06	3.3E-11	6.2E-10	2.5E-08	7.7E-11	8.5E-09	8.6E-11	3.6E-15
Napthalene	2.8E-14	1.9E-07		1.7E-07		1.5E-07	6.2E-06	1.9E-08	2.1E-06	2.5E-07	
Perylene				1.3E-14	6.2E-13	4.6E-10	2.0E-08	5.8E-11	6.8E-09	6.5E-19	6.6E-17
Phenanthrene	2.9E-13					3.5E-08	1.5E-06	4.4E-09	4.8E-07		
Pyrene	2.0E-13	2.8E-13	5.7E-12	2.5E-13	1.0E-11	7.3E-09	3.0E-07	9.1E-10	1.0E-07	7.1E-15	6.4E-13
Particulate											
Particulate Total Suspended Particulate				3.0E-09	1.2E-07	2.3E-05	9.0E-04	2.9E-06	3.0E-04	1.5E-13	1.3E-11
PM<10				3.8E-09	1.6E-07	3.1E-05	1.2E-03	3.9E-06	4.0E-04	1.9E-13	1.7E-11
PM<2.5				3.2E-09	1.3E-07	2.6E-05	1.0E-03	3.3E-06	3.5E-04	1.6E-13	1.4E-11
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	2.0E-14	8.3E-16	3.3E-14	9.3E-11	3.8E-09	1.2E-11	1.3E-09	7.8E-17	6.8E-15
Heptachlorobiphenyl	2.3E-16	1.2E-16	2.2E-15	9.8E-17	3.8E-15	1.3E-12	5.1E-11	1.6E-13	1.7E-11	5.0E-18	4.2E-16
Hexachlorobiphenyl	9.4E-16	5.2E-16	9.4E-15	4.4E-16	1.6E-14	5.3E-12	2.1E-10	6.7E-13	6.9E-11	2.3E-17	1.8E-15
Monochlorobiphenyl	4.3E-14	6.9E-15	1.4E-13	5.8E-15	2.3E-13	6.5E-10	2.7E-08	8.1E-11	8.9E-09	5.4E-16	4.7E-14
Nonachlorobiphenyl	2.9E-17	2.0E-17	3.2E-16	1.7E-17	5.4E-16	1.8E-13	6.4E-12	2.2E-14	2.1E-12	8.8E-19	6.0E-17
Octachlorobiphenyl	6.9E-17	3.8E-17	6.9E-16	3.2E-17	1.2E-15	3.9E-13	1.5E-11	4.9E-14	5.1E-12	1.6E-18	1.3E-16
Pentachlorobiphenyl	3.1E-15	1.9E-15	3.2E-14	1.6E-15	5.5E-14	1.8E-11	6.9E-10	2.3E-12	2.3E-10	8.1E-17	6.1E-15
Tetrachlorobiphenyl	1.8E-15	3.8E-16	6.4E-15	3.2E-16	1.1E-14	3.0E-11	1.1E-09	3.8E-12	3.8E-10	3.0E-17	2.2E-15
Trichlorobiphenyl	2.4E-15	4.5E-16	8.1E-15	3.8E-16	1.4E-14	3.8E-11	1.5E-09	4.8E-12	4.9E-10	3.6E-17	2.8E-15
Pesticides											

Table H-292 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
DDE				6.4E-07						2.0E-08	
Dieldrin		6.2E-08		7.3E-08						3.6E-12	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	8.7E-09	3.4E-11	2.9E-09		
1,2-dichlorobenzene	2.8E-18					1.1E-10	1.9E-09	1.4E-11	6.5E-10		
1,3-Butadiene						2.7E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	5.5E-09	2.0E-11	1.8E-09		
1,4-dichlorobenzene	9.2E-17					1.5E-09	6.8E-08	1.9E-10	2.3E-08		
2,4-Dimethylphenol	2.5E-15					2.4E-08	9.5E-07	3.0E-09	3.2E-07		
2-Chlorophenol	1.3E-16					4.7E-09	2.1E-07	5.9E-10	6.9E-08		
2-Methylphenol	5.3E-14					5.6E-08	2.3E-06	7.0E-09	7.8E-07		
2-Nitrophenol	3.2E-16					7.6E-09	3.1E-07	9.4E-10	1.0E-07		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.5E-10	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.8E-16	1.7E-14
4-Nitrophenol	6.5E-16					1.3E-08	4.8E-07	1.6E-09	1.6E-07		
Acetophenone	3.9E-15					1.2E-07	4.9E-06	1.5E-08	1.6E-06		
Benzoic acid	1.6E-14					5.4E-07	2.2E-05	6.7E-08	7.5E-06		
Benzyl alcohol	9.8E-18					4.5E-09	1.4E-07	5.6E-10	4.5E-08		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	1.2E-10	8.0E-12	2.9E-10	1.9E-07	7.4E-06	2.4E-08	2.5E-06	3.9E-16	3.1E-14
Butyl benzyl phthalate	1.8E-13	3.3E-15	6.6E-14	3.8E-15	1.6E-13	6.0E-09	2.5E-07	7.5E-10	8.3E-08	1.9E-19	1.7E-17
Carbazole				1.4E-14	2.6E-13	1.7E-10	3.0E-09	2.1E-11	1.0E-09	6.9E-19	2.8E-17
Dibenzofuran		1.4E-16	2.9E-15	5.7E-16	2.3E-14	9.5E-09	3.9E-07	1.2E-09	1.3E-07	2.4E-16	2.1E-14
Dimethyl phthalate	6.5E-17					3.3E-10	5.9E-09	4.2E-11	2.0E-09		
Di-n-butyl phthalate	1.7E-12	3.3E-15	6.7E-14	3.9E-15	1.6E-13	9.2E-09	3.8E-07	1.1E-09	1.3E-07	1.9E-19	1.7E-17
Di-n-octyl phthalate	1.3E-17	9.4E-15	8.7E-14	1.1E-14	2.1E-13	6.4E-10	1.1E-08	8.0E-11	3.8E-09	5.5E-19	2.2E-17

Table H-292 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	7.9E-07	5.5E-09	2.6E-07		
Isopropanol						3.2E-03					
Phenol	1.5E-13					3.0E-07	1.2E-05	3.8E-08	4.2E-06		
Pyridine	7.7E-15					2.9E-08	1.2E-06	3.6E-09	4.0E-07		
TRS											
Total Reduced Sulfur						2.9E-07	1.3E-05	3.6E-08	4.2E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	4.6E-09	1.7E-11	1.5E-09		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	5.0E-09	1.7E-11	1.7E-09		
1,1-Dichloroethene	6.0E-21					2.6E-11	4.6E-10	3.2E-12	1.5E-10		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	2.0E-08	6.7E-11	6.6E-09		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	1.9E-09	1.4E-11	6.4E-10		
1,2,4-Trimethylbenzene						6.2E-09	2.0E-07	7.8E-10	6.6E-08		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.2E-09	8.6E-12	4.1E-10		
1,2-Dichloroethane	1.2E-17					2.8E-09	1.0E-07	1.0E-06	3.5E-08		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.7E-07	7.3E-10	5.8E-08		
1,3-Dichloropropane						6.7E-11	1.2E-09	8.4E-12	4.0E-10		
2-Butanone	2.4E-15					3.3E-08	1.3E-06	4.1E-09	4.4E-07		
2-Chlorotoluene						1.5E-09	6.1E-08	1.8E-10	2.0E-08		
2-Hexanone						6.8E-09	2.5E-07	8.4E-10	8.2E-08		
Benzene	2.0E-15					1.1E-04	3.4E-05	9.7E-06	1.1E-05		
Bromobenzene						3.7E-08	6.6E-07	4.7E-09	2.2E-07		
Bromochloromethane						8.8E-11	1.6E-09	1.1E-11	5.2E-10		
Bromodichloromethane	3.1E-19					9.5E-11	1.7E-09	1.2E-11	5.7E-10		

Table H-292 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	1.1E-07	4.8E-10	3.8E-08		
Carbon disulfide	1.3E-18					3.3E-09	9.8E-08	4.2E-10	3.3E-08		
Carbon tetrachloride	1.3E-19					1.4E-04	3.9E-09	1.5E-05	1.3E-09		
Chlorobenzene	4.7E-17					4.8E-09	1.7E-07	6.0E-10	5.7E-08		
Chlorodibromomethane	1.8E-17					2.4E-09	4.2E-08	3.0E-10	1.4E-08		
Chloroethane	3.7E-18					9.1E-09	3.2E-07	1.1E-09	1.1E-07		
Chloroform	2.8E-18					3.2E-05	3.8E-08	2.4E-06	1.3E-08		
Chloromethane	9.8E-18					3.1E-08	9.4E-07	3.9E-09	3.1E-07		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	7.1E-08	5.0E-10	2.4E-08		
cis-1,3-Dichloropropene						2.4E-11	4.3E-10	3.0E-12	1.4E-10		
Dibromomethane	4.2E-19					2.0E-10	3.6E-09	2.5E-11	1.2E-09		
Dichlorodifluoromethane	4.7E-21					2.5E-10	4.4E-09	3.1E-11	1.5E-09		
Ethylbenzene	1.5E-15					5.3E-05	7.4E-06	2.4E-08	2.5E-06		
Isopropylbenzene	2.0E-18					1.6E-08	5.4E-07	2.0E-09	1.8E-07		
m&p-Xylene	2.4E-16					3.6E-08	1.2E-06	4.6E-09	4.1E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	6.4E-09	4.5E-11	2.1E-09		
Methylene chloride	2.6E-17					1.8E-08	6.6E-07	2.3E-09	2.2E-07		
n-Butylbenzene						7.8E-09	2.3E-07	9.7E-10	7.7E-08		
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07		
o-Xylene	2.8E-16					2.3E-08	7.6E-07	2.9E-09	2.5E-07		
p-Chlorotoluene						5.5E-10	1.7E-08	6.9E-11	5.6E-09		
p-Isopropyltoluene						3.8E-09	9.2E-08	4.8E-10	3.1E-08		
sec-Butylbenzene						1.4E-09	4.3E-08	1.8E-10	1.4E-08		
Styrene	9.4E-15					5.1E-07	1.9E-05	6.4E-08	6.2E-06		

Table H-292 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)
tert-Butylbenzene						4.6E-08	8.1E-07	5.7E-09	2.7E-07			
Tetrachloroethene	6.6E-19					1.2E-10	4.2E-09	1.5E-11	1.4E-09			
Toluene	1.6E-15					3.2E-07	1.2E-05	3.9E-08	4.1E-06			
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	1.5E-06	1.1E-08	5.0E-07			
trans-1,3-Dichloropropene						4.2E-11	7.5E-10	5.3E-12	2.5E-10			
Trichloroethene	6.8E-21					3.7E-05	1.3E-10	9.1E-13	4.3E-11			
Trichlorofluoromethane	1.0E-20					8.7E-11	1.6E-09	1.1E-11	5.2E-10			
Vinyl chloride	4.8E-19					3.0E-06	1.2E-07	6.2E-10	4.0E-08			

Table H-293 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			3.6E-05	4.5E-06	
Aldehydes					
Acetaldehyde			6.2E-05	7.8E-06	
Formaldehyde			2.6E-05	3.3E-06	
Propionaldehyde		9.6E-17	6.8E-06	8.5E-07	7.2E-13
CO					
Carbon monoxide			1.9E-03	2.4E-04	
CO2					
Carbon dioxide			6.0E-05	7.5E-06	
Criteria					
Sulfur Dioxide			1.6E-05	2.0E-06	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	5.3E-17	2.1E-16	3.6E-11	4.5E-12	1.0E-17
1,2,3,4,6,7,8-HpCDF	5.4E-17	2.1E-16	3.7E-11	4.6E-12	1.0E-17
1,2,3,4,7,8,9-HpCDF	6.2E-18	2.4E-17	4.7E-12	5.8E-13	1.2E-18
1,2,3,4,7,8-HxCDD	6.1E-18	2.4E-17	4.4E-12	5.4E-13	1.2E-18
1,2,3,4,7,8-HxCDF	4.8E-17	1.9E-16	3.5E-11	4.4E-12	9.3E-18
1,2,3,6,7,8-HxCDD	1.2E-17	4.9E-17	9.2E-12	1.1E-12	2.4E-18
1,2,3,6,7,8-HxCDF	1.6E-17	6.2E-17	1.1E-11	1.4E-12	3.0E-18
1,2,3,7,8,9-HxCDD	1.9E-17	7.7E-17	1.4E-11	1.7E-12	3.8E-18
1,2,3,7,8,9-HxCDF	1.1E-18	4.4E-18	8.8E-13	1.1E-13	2.2E-19

Table H-293 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	6.8E-18	2.7E-17	5.5E-12	6.9E-13	1.3E-18
1,2,3,7,8-PeCDF	8.0E-18	3.2E-17	7.9E-12	9.9E-13	1.6E-18
2,3,4,6,7,8-HxCDF	2.5E-17	9.7E-17	1.8E-11	2.2E-12	4.7E-18
2,3,4,7,8-PeCDF	1.9E-17	7.6E-17	1.8E-11	2.2E-12	3.7E-18
2,3,7,8-TCDD	1.4E-18	5.5E-18	2.2E-12	2.8E-13	1.9E-16
2,3,7,8-TCDF	2.5E-18	1.0E-17	8.2E-12	1.0E-12	4.9E-19
OCDD	3.6E-17	1.4E-16	2.4E-11	3.0E-12	7.0E-18
OCDF	1.4E-17	5.5E-17	9.1E-12	1.1E-12	2.7E-18
HCN					
Hydrogen cyanide			6.8E-06	8.5E-07	
Metals					
Aluminum		4.6E-04			2.3E-05
Antimony		1.1E-08	4.5E-07	5.6E-08	5.4E-10
Arsenic	2.6E-08	6.1E-08	2.5E-08	3.2E-09	4.9E-09
Barium		1.2E-10	5.4E-06	6.7E-07	5.7E-12
Beryllium		4.5E-17	1.8E-09	2.3E-10	2.2E-18
Cadmium		3.5E-17	3.2E-08	4.1E-09	1.7E-18
Chromium		3.0E-12	2.8E-07	3.5E-08	1.5E-13
Cobalt		1.3E-06	4.2E-07	5.3E-08	6.6E-08
Copper		1.2E-11	7.6E-07	9.5E-08	6.1E-13
Iron		1.1E-03			5.3E-05
Lead		3.9E-06	2.6E-07	3.2E-08	1.9E-07

Table H-293 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		3.4E-14	2.3E-07	2.9E-08	1.7E-15
Mercury (+2)		1.4E-15	1.0E-09	1.3E-10	6.7E-17
Mercury, elemental		4.2E-08	4.2E-12	5.3E-13	8.1E-05
Methyl Mercury		8.2E-17			4.0E-18
Nickel		2.5E-05	1.5E-07	1.9E-08	1.2E-06
Phosphorus		3.2E-16	1.1E-06	1.4E-07	3.1E-12
Selenium		1.7E-18	7.5E-09	9.3E-10	8.5E-20
Silver		3.2E-14	4.9E-09	6.1E-10	1.6E-15
Thallium (Soluble Salts)		1.1E-08			5.6E-10
Titanium		3.4E-16	2.6E-09	3.3E-10	1.7E-17
Zinc		7.9E-15	5.9E-06	7.3E-07	3.9E-16
NOx					
NOx (Oxides of Nitrogen)			6.7E-05	8.4E-06	
PAHs					
1-Methylnaphthalene	1.0E-17	9.3E-18	1.4E-06	1.8E-07	1.1E-14
1-Methylphenanthrene		6.2E-15	1.7E-07	2.1E-08	3.0E-16
2,3,5-Trimethylnaphthalene		2.9E-15	8.4E-08	1.0E-08	1.4E-16
2,6-Dimethylnaphthalene		8.0E-15	2.2E-07	2.8E-08	3.9E-16
2-Methylnaphthalene	9.9E-18	9.0E-18	1.4E-06	1.7E-07	1.0E-14
Acenaphthylene		2.6E-14	8.1E-07	1.0E-07	1.3E-15
Acenaphthene			1.5E-07	1.9E-08	
Anthracene			2.6E-07	3.2E-08	

Table H-293 (Lifetime Average Daily Dose)

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Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)anthracene	3.8E-09	3.5E-09	1.3E-07	1.6E-08	5.3E-08
Benzo(a)pyrene	3.6E-09	3.3E-09	5.0E-08	6.3E-09	1.6E-10
Benzo(b)fluoranthene	5.6E-09	5.1E-09	5.6E-08	7.0E-09	2.5E-10
Benzo(e)pyrene		1.5E-15	4.3E-08	5.4E-09	7.2E-17
Benzo(g,h,i)perylene		1.1E-15	3.3E-08	4.1E-09	5.3E-17
Benzo(k)fluoranthene	3.0E-09	2.8E-09	5.0E-10	6.2E-11	1.3E-10
Biphenyl		1.4E-16	4.8E-06	6.0E-07	8.4E-14
Chrysene	4.8E-09	4.4E-09	2.2E-07	2.7E-08	2.2E-10
Dibenzo(a,h)anthracene	8.5E-10	7.7E-10	8.0E-09	9.9E-10	3.8E-11
Fluoranthene	2.7E-15	2.5E-15	3.2E-07	4.0E-08	1.2E-16
Fluorene			8.0E-07	1.0E-07	
Indeno(1,2,3-cd)pyrene	2.4E-09	2.2E-09	2.6E-08	3.3E-09	1.1E-10
Napthalene			6.4E-06	8.0E-07	
Perylene		5.6E-16	2.0E-08	2.5E-09	2.8E-17
Phenanthrene			1.5E-06	1.9E-07	
Pyrene	9.2E-15	8.3E-15	3.1E-07	3.9E-08	2.3E-13
Particulate					
Particulate Total Suspended Particulate		1.3E-10	1.0E-03	1.3E-04	6.3E-12
PM<10		1.6E-10	1.3E-03	1.7E-04	8.0E-12
PM<2.5		1.4E-10	1.1E-03	1.4E-04	6.7E-12
PCBs					
Dichlorobiphenyl	2.5E-17	2.1E-17	4.0E-09	5.0E-10	1.9E-15

Table H-293 (Lifetime Average Daily Dose)

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Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Heptachlorobiphenyl	2.9E-18	2.4E-18	5.4E-11	6.8E-12	1.2E-16
Hexachlorobiphenyl	1.3E-17	1.1E-17	2.3E-10	2.9E-11	5.6E-16
Monochlorobiphenyl	1.7E-16	1.4E-16	2.8E-08	3.5E-09	1.4E-14
Nonachlorobiphenyl	5.1E-19	4.3E-19	7.7E-12	9.6E-13	2.2E-17
Octachlorobiphenyl	9.3E-19	7.8E-19	1.7E-11	2.1E-12	4.0E-17
Pentachlorobiphenyl	4.7E-17	3.9E-17	7.8E-10	9.8E-11	2.0E-15
Tetrachlorobiphenyl	9.4E-18	8.0E-18	1.3E-09	1.6E-10	7.4E-16
Trichlorobiphenyl	1.1E-17	9.6E-18	1.6E-09	2.0E-10	8.9E-16
Pesticides					
DDE		3.9E-09			1.2E-07
Dieldrin	2.0E-11	2.4E-11			1.2E-12
SVOCs					
1,2,4-trichlorobenzene			1.2E-08	1.4E-09	
1,2-dichlorobenzene			4.7E-09	5.8E-10	
1,3-dichlorobenzene			7.0E-09	8.7E-10	
1,4-dichlorobenzene			6.5E-08	8.1E-09	
1,4-Dioxane			5.5E-03		
2,4-Dimethylphenol			1.0E-06	1.3E-07	
2-Chlorophenol			2.0E-07	2.5E-08	
2-Methylphenol			2.4E-06	3.0E-07	
2-Nitrophenol			3.2E-07	4.0E-08	
3-Methylphenol & 4-Methylphenol		1.6E-13	4.3E-06	5.4E-07	7.7E-15

Table H-293 (Lifetime Average Daily Dose)

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Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
4-Nitrophenol			5.4E-07	6.7E-08	
Acetophenone			5.1E-06	6.4E-07	
Benzoic acid			2.3E-05	2.9E-06	
Benzyl alcohol			1.9E-07	2.4E-08	
bis(2-Ethylhexyl) phthalate	2.9E-13	3.4E-13	8.1E-06	1.0E-06	1.7E-14
Butyl benzyl phthalate	1.4E-16	1.6E-16	2.6E-07	3.2E-08	8.1E-18
Carbazole		6.0E-16	7.2E-09	9.0E-10	2.9E-17
Dibenzofuran	6.2E-18	2.4E-17	4.1E-07	5.1E-08	1.0E-14
Dimethyl phthalate			1.4E-08	1.8E-09	
Di-n-butyl phthalate	1.4E-16	1.6E-16	3.9E-07	4.9E-08	8.1E-18
Di-n-octyl phthalate	4.0E-16	4.8E-16	2.8E-08	3.4E-09	2.3E-17
Hexachlorobutadiene			1.9E-06	2.4E-07	
Isopropanol			8.7E-02		
Phenol			1.3E-05	1.6E-06	
Pyridine			1.2E-06	1.5E-07	
TRS					
Total Reduced Sulfur			1.2E-05	1.6E-06	
VOCs					
1,1,1,2-Tetrachloroethane			5.8E-09	7.2E-10	
1,1,1-Trichloroethane			5.7E-09	7.1E-10	
1,1-Dichloroethene			1.1E-09	1.4E-10	
1,2,3-Trichlorobenzene			2.3E-08	2.9E-09	

Table H-293 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
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Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3-Trichloropropane			4.6E-09	5.8E-10	
1,2,4-Trimethylbenzene			2.7E-07	3.3E-08	
1,2-Dibromoethane			3.0E-09	3.7E-10	
1,2-Dichloroethane			1.2E-07	4.3E-05	
1,3,5-Trimethylbenzene			2.5E-07	3.1E-08	
1,3-Dichloropropane			2.9E-09	3.6E-10	
2-Butanone			1.4E-06	1.8E-07	
2-Chlorotoluene			6.3E-08	7.9E-09	
2-Hexanone			2.9E-07	3.6E-08	
Benzene			2.7E-03	4.2E-04	
Bromobenzene			1.6E-06	2.0E-07	
Bromochloromethane			3.8E-09	4.7E-10	
Bromodichloromethane			4.1E-09	5.1E-10	
Bromomethane			1.6E-07	2.0E-08	
Carbon disulfide			1.4E-07	1.8E-08	
Carbon tetrachloride			5.6E-03	6.6E-04	
Chlorobenzene			2.1E-07	2.6E-08	
Chlorodibromomethane			1.0E-07	1.3E-08	
Chloroethane			3.9E-07	4.9E-08	
Chloroform			1.9E-03	1.0E-04	
Chloromethane			1.3E-06	1.7E-07	
cis-1,2-Dichloroethene			1.7E-07	2.1E-08	

Table H-293 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
cis-1,3-Dichloropropene			1.0E-09	1.3E-10	
Dibromomethane			8.7E-09	1.1E-09	
Dichlorodifluoromethane			1.1E-08	1.3E-09	
Ethylbenzene			1.6E-03	1.0E-06	
Isopropylbenzene			6.8E-07	8.4E-08	
m&p-Xylene			1.6E-06	2.0E-07	
Methyl Isobutyl Ketone (4-methyl-2-penta			1.5E-08	1.9E-09	
Methylene chloride			7.7E-07	9.7E-08	
n-Butylbenzene			3.3E-07	4.2E-08	
n-Propylbenzene			4.0E-07	5.0E-08	
o-Xylene			9.8E-07	1.2E-07	
p-Chlorotoluene			2.4E-08	3.0E-09	
p-Isopropyltoluene			1.6E-07	2.1E-08	
sec-Butylbenzene			6.1E-08	7.6E-09	
Styrene			2.2E-05	2.7E-06	
tert-Butylbenzene			2.0E-06	2.4E-07	
Tetrachloroethene			5.2E-09	6.5E-10	
Toluene			1.4E-05	1.7E-06	
trans-1,2-Dichloroethene			3.6E-06	4.5E-07	
trans-1,3-Dichloropropene			1.8E-09	2.3E-10	
Trichloroethene			4.3E-04	3.9E-11	
Trichlorofluoromethane			3.7E-09	4.7E-10	

Table H-293 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Vinyl chloride			6.0E-04	2.7E-08	

Table H-294 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			8.4E-07	1.0E-07	
Aldehydes					
Acetaldehyde			1.4E-06	1.8E-07	
Formaldehyde			6.2E-07	7.7E-08	
Propionaldehyde		2.2E-15	1.6E-07	2.0E-08	1.7E-14
CO					
Carbon monoxide			4.5E-05	5.6E-06	
CO2					
Carbon dioxide			1.4E-06	1.8E-07	
Criteria					
Sulfur Dioxide			3.8E-07	4.7E-08	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	2.2E-15	8.5E-15	8.5E-13	1.1E-13	4.2E-19
1,2,3,4,6,7,8-HpCDF	2.2E-15	8.6E-15	8.6E-13	1.1E-13	4.2E-19
1,2,3,4,7,8,9-HpCDF	2.5E-16	9.9E-16	1.1E-13	1.4E-14	4.8E-20
1,2,3,4,7,8-HxCDD	2.5E-16	9.7E-16	1.0E-13	1.3E-14	4.7E-20
1,2,3,4,7,8-HxCDF	2.0E-15	7.7E-15	8.3E-13	1.0E-13	3.8E-19
1,2,3,6,7,8-HxCDD	5.0E-16	2.0E-15	2.1E-13	2.7E-14	9.7E-20
1,2,3,6,7,8-HxCDF	6.4E-16	2.5E-15	2.7E-13	3.4E-14	1.2E-19
1,2,3,7,8,9-HxCDD	7.9E-16	3.1E-15	3.2E-13	4.1E-14	1.5E-19
1,2,3,7,8,9-HxCDF	4.6E-17	1.8E-16	2.1E-14	2.6E-15	8.8E-21

Table H-294 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	2.8E-16	1.1E-15	1.3E-13	1.6E-14	5.4E-20
1,2,3,7,8-PeCDF	3.3E-16	1.3E-15	1.8E-13	2.3E-14	6.3E-20
2,3,4,6,7,8-HxCDF	1.0E-15	3.9E-15	4.2E-13	5.2E-14	1.9E-19
2,3,4,7,8-PeCDF	7.8E-16	3.1E-15	4.1E-13	5.2E-14	1.5E-19
2,3,7,8-TCDD	5.5E-17	2.2E-16	5.2E-14	6.5E-15	7.4E-18
2,3,7,8-TCDF	1.0E-16	4.0E-16	1.9E-13	2.4E-14	2.0E-20
OCDD	1.5E-15	5.8E-15	5.6E-13	7.0E-14	2.8E-19
OCDF	5.7E-16	2.2E-15	2.1E-13	2.6E-14	1.1E-19
HCN					
Hydrogen cyanide			1.6E-07	2.0E-08	
Metals					
Aluminum		1.1E-02			5.3E-07
Antimony		2.6E-07	1.0E-08	1.3E-09	1.3E-11
Arsenic	6.0E-07	1.4E-06	5.9E-10	7.4E-11	1.2E-10
Barium		4.4E-09	1.3E-07	1.6E-08	2.1E-13
Beryllium		1.0E-15	4.3E-11	5.4E-12	5.1E-20
Cadmium		8.2E-16	7.6E-10	9.5E-11	4.0E-20
Chromium		9.6E-11	6.5E-09	8.1E-10	4.7E-15
Cobalt		3.1E-05	9.8E-09	1.2E-09	1.5E-09
Copper		4.5E-10	1.8E-08	2.2E-09	2.2E-14
Iron		2.5E-02			1.2E-06
Lead		9.0E-05	6.0E-09	7.5E-10	4.4E-09

Table H-294 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		8.0E-13	5.5E-09	6.8E-10	3.9E-17
Mercury (+2)		6.4E-14	2.4E-11	2.9E-12	3.1E-18
Mercury, elemental		9.8E-07	9.8E-14	1.2E-14	1.9E-06
Methyl Mercury		3.8E-15			1.9E-19
Nickel		5.8E-04	3.5E-09	4.3E-10	2.9E-08
Phosphorus		7.5E-15	2.6E-08	3.3E-09	7.2E-14
Selenium		4.0E-17	1.7E-10	2.2E-11	2.0E-21
Silver		8.5E-13	1.1E-10	1.4E-11	4.2E-17
Thallium (Soluble Salts)		2.7E-07			1.3E-11
Titanium		8.0E-15	6.1E-11	7.6E-12	3.9E-19
Zinc		1.8E-13	1.4E-07	1.7E-08	9.0E-18
NOx					
NOx (Oxides of Nitrogen)			1.6E-06	2.0E-07	
PAHs					
1-Methylnaphthalene	2.4E-16	2.2E-16	3.3E-08	4.1E-09	2.5E-16
1-Methylphenanthrene		1.5E-13	3.9E-09	4.9E-10	7.1E-18
2,3,5-Trimethylnaphthalene		6.8E-14	1.9E-09	2.4E-10	3.3E-18
2,6-Dimethylnaphthalene		1.9E-13	5.1E-09	6.4E-10	9.1E-18
2-Methylnaphthalene	2.3E-16	2.1E-16	3.2E-08	4.0E-09	2.4E-16
Acenaphthylene		6.0E-13	1.9E-08	2.4E-09	2.9E-17
Acenaphthene			3.5E-09	4.3E-10	
Anthracene			6.1E-09	7.6E-10	

Table H-294 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)anthracene	9.0E-08	8.1E-08	3.0E-09	3.7E-10	1.2E-09
Benzo(a)pyrene	8.5E-08	7.7E-08	1.2E-09	1.5E-10	3.8E-12
Benzo(b)fluoranthene	1.3E-07	1.2E-07	1.3E-09	1.6E-10	5.9E-12
Benzo(e)pyrene		3.4E-14	1.0E-09	1.3E-10	1.7E-18
Benzo(g,h,i)perylene		2.5E-14	7.7E-10	9.6E-11	1.2E-18
Benzo(k)fluoranthene	7.1E-08	6.4E-08	1.2E-11	1.5E-12	3.1E-12
Biphenyl		3.3E-15	1.1E-07	1.4E-08	2.0E-15
Chrysene	1.1E-07	1.0E-07	5.1E-09	6.4E-10	5.0E-12
Dibenzo(a,h)anthracene	2.0E-08	1.8E-08	1.9E-10	2.3E-11	8.8E-13
Fluoranthene	6.8E-14	6.1E-14	7.5E-09	9.4E-10	3.0E-18
Fluorene			1.9E-08	2.3E-09	
Indeno(1,2,3-cd)pyrene	5.7E-08	5.1E-08	6.2E-10	7.7E-11	2.5E-12
Napthalene			1.5E-07	1.9E-08	
Perylene		1.3E-14	4.6E-10	5.8E-11	6.5E-19
Phenanthrene			3.5E-08	4.4E-09	
Pyrene	2.8E-13	2.5E-13	7.3E-09	9.1E-10	7.1E-15
Particulate					
Particulate Total Suspended Particulate		3.0E-09	2.3E-05	2.9E-06	1.5E-13
PM<10		3.8E-09	3.1E-05	3.9E-06	1.9E-13
PM<2.5		3.2E-09	2.6E-05	3.3E-06	1.6E-13
PCBs					
Dichlorobiphenyl	9.9E-16	8.3E-16	9.3E-11	1.2E-11	7.8E-17

Table H-294 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Heptachlorobiphenyl	1.2E-16	9.8E-17	1.3E-12	1.6E-13	5.0E-18
Hexachlorobiphenyl	5.2E-16	4.4E-16	5.3E-12	6.7E-13	2.3E-17
Monochlorobiphenyl	6.9E-15	5.8E-15	6.5E-10	8.1E-11	5.4E-16
Nonachlorobiphenyl	2.0E-17	1.7E-17	1.8E-13	2.2E-14	8.8E-19
Octachlorobiphenyl	3.8E-17	3.2E-17	3.9E-13	4.9E-14	1.6E-18
Pentachlorobiphenyl	1.9E-15	1.6E-15	1.8E-11	2.3E-12	8.1E-17
Tetrachlorobiphenyl	3.8E-16	3.2E-16	3.0E-11	3.8E-12	3.0E-17
Trichlorobiphenyl	4.5E-16	3.8E-16	3.8E-11	4.8E-12	3.6E-17
Pesticides					
DDE		9.0E-08			2.9E-09
Dieldrin	4.7E-10	5.6E-10			2.7E-14
SVOCs					
1,2,4-trichlorobenzene			2.7E-10	3.4E-11	
1,2-dichlorobenzene			1.1E-10	1.4E-11	
1,3-dichlorobenzene			1.6E-10	2.0E-11	
1,4-dichlorobenzene			1.5E-09	1.9E-10	
1,4-Dioxane			1.3E-04		
2,4-Dimethylphenol			2.4E-08	3.0E-09	
2-Chlorophenol			4.7E-09	5.9E-10	
2-Methylphenol			5.6E-08	7.0E-09	
2-Nitrophenol			7.6E-09	9.4E-10	
3-Methylphenol & 4-Methylphenol		3.7E-12	1.0E-07	1.3E-08	1.8E-16

Table H-294 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
4-Nitrophenol			1.3E-08	1.6E-09	
Acetophenone			1.2E-07	1.5E-08	
Benzoic acid			5.4E-07	6.7E-08	
Benzyl alcohol			4.5E-09	5.6E-10	
bis(2-Ethylhexyl) phthalate	6.7E-12	8.0E-12	1.9E-07	2.4E-08	3.9E-16
Butyl benzyl phthalate	3.3E-15	3.8E-15	6.0E-09	7.5E-10	1.9E-19
Carbazole		1.4E-14	1.7E-10	2.1E-11	6.9E-19
Dibenzofuran	1.4E-16	5.7E-16	9.5E-09	1.2E-09	2.4E-16
Dimethyl phthalate			3.3E-10	4.2E-11	
Di-n-butyl phthalate	3.3E-15	3.9E-15	9.2E-09	1.1E-09	1.9E-19
Di-n-octyl phthalate	9.4E-15	1.1E-14	6.4E-10	8.0E-11	5.5E-19
Hexachlorobutadiene			4.4E-08	5.5E-09	
Isopropanol			2.0E-03		
Phenol			3.0E-07	3.8E-08	
Pyridine			2.9E-08	3.6E-09	
TRS					
Total Reduced Sulfur			2.9E-07	3.6E-08	
VOCs					
1,1,1,2-Tetrachloroethane			1.3E-10	1.7E-11	
1,1,1-Trichloroethane			1.3E-10	1.7E-11	
1,1-Dichloroethene			2.6E-11	3.2E-12	
1,2,3-Trichlorobenzene			5.3E-10	6.7E-11	

Table H-294 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3-Trichloropropane			1.1E-10	1.4E-11	
1,2,4-Trimethylbenzene			6.2E-09	7.8E-10	
1,2-Dibromoethane			6.9E-11	8.6E-12	
1,2-Dichloroethane			2.8E-09	1.0E-06	
1,3,5-Trimethylbenzene			5.9E-09	7.3E-10	
1,3-Dichloropropane			6.7E-11	8.4E-12	
2-Butanone			3.3E-08	4.1E-09	
2-Chlorotoluene			1.5E-09	1.8E-10	
2-Hexanone			6.8E-09	8.4E-10	
Benzene			6.4E-05	9.7E-06	
Bromobenzene			3.7E-08	4.7E-09	
Bromochloromethane			8.8E-11	1.1E-11	
Bromodichloromethane			9.5E-11	1.2E-11	
Bromomethane			3.8E-09	4.8E-10	
Carbon disulfide			3.3E-09	4.2E-10	
Carbon tetrachloride			1.3E-04	1.5E-05	
Chlorobenzene			4.8E-09	6.0E-10	
Chlorodibromomethane			2.4E-09	3.0E-10	
Chloroethane			9.1E-09	1.1E-09	
Chloroform			4.3E-05	2.4E-06	
Chloromethane			3.1E-08	3.9E-09	
cis-1,2-Dichloroethene			4.0E-09	5.0E-10	

Table H-294 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
cis-1,3-Dichloropropene			2.4E-11	3.0E-12	
Dibromomethane			2.0E-10	2.5E-11	
Dichlorodifluoromethane			2.5E-10	3.1E-11	
Ethylbenzene			3.7E-05	2.4E-08	
Isopropylbenzene			1.6E-08	2.0E-09	
m&p-Xylene			3.6E-08	4.6E-09	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.6E-10	4.5E-11	
Methylene chloride			1.8E-08	2.3E-09	
n-Butylbenzene			7.8E-09	9.7E-10	
n-Propylbenzene			9.4E-09	1.2E-09	
o-Xylene			2.3E-08	2.9E-09	
p-Chlorotoluene			5.5E-10	6.9E-11	
p-Isopropyltoluene			3.8E-09	4.8E-10	
sec-Butylbenzene			1.4E-09	1.8E-10	
Styrene			5.1E-07	6.4E-08	
tert-Butylbenzene			4.6E-08	5.7E-09	
Tetrachloroethene			1.2E-10	1.5E-11	
Toluene			3.2E-07	3.9E-08	
trans-1,2-Dichloroethene			8.4E-08	1.1E-08	
trans-1,3-Dichloropropene			4.2E-11	5.3E-12	
Trichloroethene			1.0E-05	9.1E-13	
Trichlorofluoromethane			8.7E-11	1.1E-11	

Table H-294 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Vinyl chloride			1.4E-05	6.2E-10	

Table H-295 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.6E-05	8.3E-05	4.5E-06	4.5E-06		
Aldehydes											
Acetaldehyde	3.9E-15					6.2E-05	1.4E-04	7.8E-06	7.8E-06		
Formaldehyde	1.9E-14					2.6E-05	6.1E-05	3.3E-06	3.3E-06		
Propionaldehyde				9.6E-17	2.7E-16	6.8E-06	1.6E-05	8.5E-07	8.5E-07	7.2E-13	4.4E-12
CO											
Carbon monoxide						1.9E-03	4.4E-03	2.4E-04	2.4E-04		
CO2											
Carbon dioxide						6.0E-05	1.4E-04	7.5E-06	7.5E-06		
Criteria											
Sulfur Dioxide						1.6E-05	3.7E-05	2.0E-06	2.0E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	5.3E-20	5.3E-17	7.4E-17	2.1E-16	5.9E-16	3.6E-11	8.4E-11	4.5E-12	4.5E-12	1.0E-17	6.3E-17
1,2,3,4,6,7,8-HpCDF	5.1E-20	5.4E-17	7.5E-17	2.1E-16	5.9E-16	3.7E-11	8.5E-11	4.6E-12	4.6E-12	1.0E-17	6.4E-17
1,2,3,4,7,8,9-HpCDF	7.8E-21	6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.7E-12	1.1E-11	5.8E-13	5.8E-13	1.2E-18	7.4E-18
1,2,3,4,7,8-HxCDD	6.0E-20	6.1E-18	8.5E-18	2.4E-17	6.7E-17	4.4E-12	1.0E-11	5.4E-13	5.4E-13	1.2E-18	7.2E-18
1,2,3,4,7,8-HxCDF	4.1E-19	4.8E-17	6.7E-17	1.9E-16	5.3E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	9.3E-18	5.7E-17
1,2,3,6,7,8-HxCDD	1.1E-19	1.2E-17	1.7E-17	4.9E-17	1.4E-16	9.2E-12	2.1E-11	1.1E-12	1.1E-12	2.4E-18	1.5E-17
1,2,3,6,7,8-HxCDF	1.5E-19	1.6E-17	2.2E-17	6.2E-17	1.7E-16	1.1E-11	2.7E-11	1.4E-12	1.4E-12	3.0E-18	1.9E-17
1,2,3,7,8,9-HxCDD	1.7E-19	1.9E-17	2.7E-17	7.7E-17	2.1E-16	1.4E-11	3.2E-11	1.7E-12	1.7E-12	3.8E-18	2.3E-17
1,2,3,7,8,9-HxCDF	1.2E-20	1.1E-18	1.6E-18	4.4E-18	1.2E-17	8.8E-13	2.0E-12	1.1E-13	1.1E-13	2.2E-19	1.3E-18
1,2,3,7,8-PeCDD	3.2E-19	6.8E-18	9.6E-18	2.7E-17	7.6E-17	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.3E-18	8.1E-18
1,2,3,7,8-PeCDF	4.4E-19	8.0E-18	1.1E-17	3.2E-17	8.9E-17	7.9E-12	1.8E-11	9.9E-13	9.9E-13	1.6E-18	9.6E-18

Table H-295 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	2.2E-19	2.5E-17	3.4E-17	9.7E-17	2.7E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	4.7E-18	2.9E-17
2,3,4,7,8-PeCDF	7.0E-19	1.9E-17	2.7E-17	7.6E-17	2.1E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	3.7E-18	2.3E-17
2,3,7,8-TCDD	1.1E-19	1.4E-18	1.9E-18	5.5E-18	1.5E-17	2.2E-12	5.1E-12	2.8E-13	2.8E-13	1.9E-16	1.1E-15
2,3,7,8-TCDF	3.4E-19	2.5E-18	3.5E-18	1.0E-17	2.8E-17	8.2E-12	1.9E-11	1.0E-12	1.0E-12	4.9E-19	3.0E-18
OCDD	7.1E-22	3.6E-17	5.0E-17	1.4E-16	4.0E-16	2.4E-11	5.6E-11	3.0E-12	3.0E-12	7.0E-18	4.3E-17
OCDF	2.6E-22	1.4E-17	1.9E-17	5.5E-17	1.5E-16	9.1E-12	2.1E-11	1.1E-12	1.1E-12	2.7E-18	1.7E-17
HCN											
Hydrogen cyanide						6.8E-06	1.6E-05	8.5E-07	8.5E-07		
Metals											
Aluminum				4.6E-04	8.4E-04					2.3E-05	9.1E-05
Antimony	6.7E-19			1.1E-08	6.2E-08	4.5E-07	1.0E-06	5.6E-08	5.6E-08	5.4E-10	6.6E-09
Arsenic	3.5E-17	2.6E-08	9.8E-09	6.1E-08	4.7E-08	2.5E-08	5.9E-08	3.2E-09	3.2E-09	4.9E-09	8.4E-09
Barium	9.3E-14			1.2E-10	3.3E-10	5.4E-06	1.2E-05	6.7E-07	6.7E-07	5.7E-12	3.5E-11
Beryllium	1.4E-18			4.5E-17	1.3E-16	1.8E-09	4.3E-09	2.3E-10	2.3E-10	2.2E-18	1.4E-17
Cadmium	3.6E-16			3.5E-17	9.8E-17	3.2E-08	7.5E-08	4.1E-09	4.1E-09	1.7E-18	1.1E-17
Chromium	1.0E-16			3.0E-12	8.5E-12	2.8E-07	6.4E-07	3.5E-08	3.5E-08	1.5E-13	9.2E-13
Cobalt				1.3E-06	1.6E-06	4.2E-07	9.7E-07	5.3E-08	5.3E-08	6.6E-08	1.7E-07
Copper				1.2E-11	3.5E-11	7.6E-07	1.8E-06	9.5E-08	9.5E-08	6.1E-13	3.8E-12
Iron				1.1E-03	1.6E-03					5.3E-05	1.7E-04
Lead	3.0E-19			3.9E-06	9.8E-06	2.6E-07	5.9E-07	3.2E-08	3.2E-08	1.9E-07	1.1E-06
Manganese				3.4E-14	9.6E-14	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.7E-15	1.0E-14
Mercury (+2)				1.4E-15	3.9E-15	1.0E-09	2.3E-09	1.3E-10	1.3E-10	6.7E-17	4.2E-16
Mercury, elemental				4.2E-08	1.9E-09	4.2E-12	9.7E-12	5.3E-13	5.3E-13	8.1E-05	5.0E-04
Methyl Mercury	3.6E-16			8.2E-17	2.3E-16					4.0E-18	2.5E-17

Table H-295 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	1.4E-16			2.5E-05	3.0E-05	1.5E-07	3.4E-07	1.9E-08	1.9E-08	1.2E-06	3.3E-06
Phosphorus				3.2E-16	9.0E-16	1.1E-06	2.6E-06	1.4E-07	1.4E-07	3.1E-12	1.9E-11
Selenium	1.2E-17			1.7E-18	4.8E-18	7.5E-09	1.7E-08	9.3E-10	9.3E-10	8.5E-20	5.2E-19
Silver	8.6E-18			3.2E-14	8.9E-14	4.9E-09	1.1E-08	6.1E-10	6.1E-10	1.6E-15	9.6E-15
Thallium (Soluble Salts)				1.1E-08	7.2E-09					5.6E-10	7.8E-10
Titanium				3.4E-16	9.6E-16	2.6E-09	6.0E-09	3.3E-10	3.3E-10	1.7E-17	1.0E-16
Zinc	1.8E-13			7.9E-15	2.2E-14	5.9E-06	1.4E-05	7.3E-07	7.3E-07	3.9E-16	2.4E-15
NOx											
NOx (Oxides of Nitrogen)						6.7E-05	1.6E-04	8.4E-06	8.4E-06		
PAHs											
1-Methylnaphthalene		1.0E-17	1.4E-17	9.3E-18	2.6E-17	1.4E-06	3.3E-06	1.8E-07	1.8E-07	1.1E-14	6.5E-14
1-Methylphenanthrene				6.2E-15	1.7E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	3.0E-16	1.9E-15
2,3,5-Trimethylnaphthalene				2.9E-15	8.2E-15	8.4E-08	1.9E-07	1.0E-08	1.0E-08	1.4E-16	8.8E-16
2,6-Dimethylnaphthalene				8.0E-15	2.2E-14	2.2E-07	5.1E-07	2.8E-08	2.8E-08	3.9E-16	2.4E-15
2-Methylnaphthalene		9.9E-18	1.4E-17	9.0E-18	2.5E-17	1.4E-06	3.2E-06	1.7E-07	1.7E-07	1.0E-14	6.4E-14
Acenaphthylene				2.6E-14	7.2E-14	8.1E-07	1.9E-06	1.0E-07	1.0E-07	1.3E-15	7.7E-15
Acenaphthene	1.5E-16					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Anthracene	1.8E-15					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
Benzo(a)anthracene	2.6E-13	3.8E-09	2.2E-08	3.5E-09	4.0E-08	1.3E-07	3.0E-07	1.6E-08	1.6E-08	5.3E-08	3.2E-07
Benzo(a)pyrene	1.3E-13	3.6E-09	2.4E-08	3.3E-09	4.4E-08	5.0E-08	1.2E-07	6.3E-09	6.3E-09	1.6E-10	4.7E-09
Benzo(b)fluoranthene	3.6E-14	5.6E-09	3.4E-08	5.1E-09	6.1E-08	5.6E-08	1.3E-07	7.0E-09	7.0E-09	2.5E-10	6.6E-09
Benzo(e)pyrene				1.5E-15	4.1E-15	4.3E-08	9.9E-08	5.4E-09	5.4E-09	7.2E-17	4.4E-16
Benzo(g,h,i)perylene				1.1E-15	3.0E-15	3.3E-08	7.6E-08	4.1E-09	4.1E-09	5.3E-17	3.2E-16
Benzo(k)fluoranthene	2.9E-16	3.0E-09	1.7E-08	2.8E-09	3.1E-08	5.0E-10	1.2E-09	6.2E-11	6.2E-11	1.3E-10	3.3E-09

Table H-295 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				1.4E-16	4.0E-16	4.8E-06	1.1E-05	6.0E-07	6.0E-07	8.4E-14	5.2E-13
Chrysene	4.6E-14	4.8E-09	2.5E-08	4.4E-09	4.5E-08	2.2E-07	5.1E-07	2.7E-08	2.7E-08	2.2E-10	4.8E-09
Dibenze(a,h)anthracene	6.6E-15	8.5E-10	6.0E-09	7.7E-10	1.1E-08	8.0E-09	1.8E-08	9.9E-10	9.9E-10	3.8E-11	1.2E-09
Fluoranthene	1.2E-14	2.7E-15	3.8E-15	2.5E-15	6.9E-15	3.2E-07	7.4E-07	4.0E-08	4.0E-08	1.2E-16	7.5E-16
Fluorene	2.6E-15					8.0E-07	1.9E-06	1.0E-07	1.0E-07		
Indeno(1,2,3-cd)pyrene	1.7E-14	2.4E-09	1.6E-08	2.2E-09	2.8E-08	2.6E-08	6.1E-08	3.3E-09	3.3E-09	1.1E-10	3.1E-09
Napthalene	1.2E-15					6.4E-06	1.5E-05	8.0E-07	8.0E-07		
Perylene				5.6E-16	1.6E-15	2.0E-08	4.6E-08	2.5E-09	2.5E-09	2.8E-17	1.7E-16
Phenanthrene	1.3E-14					1.5E-06	3.5E-06	1.9E-07	1.9E-07		
Pyrene	8.7E-15	9.2E-15	1.3E-14	8.3E-15	2.3E-14	3.1E-07	7.2E-07	3.9E-08	3.9E-08	2.3E-13	1.4E-12
Particulate											
Particulate Total Suspended Particulate				1.3E-10	3.6E-10	1.0E-03	2.3E-03	1.3E-04	1.3E-04	6.3E-12	3.9E-11
PM<10				1.6E-10	4.6E-10	1.3E-03	3.1E-03	1.7E-04	1.7E-04	8.0E-12	5.0E-11
PM<2.5				1.4E-10	3.8E-10	1.1E-03	2.6E-03	1.4E-04	1.4E-04	6.7E-12	4.1E-11
PCBs											
Dichlorobiphenyl	2.6E-16	2.5E-17	3.5E-17	2.1E-17	5.8E-17	4.0E-09	9.2E-09	5.0E-10	5.0E-10	1.9E-15	1.2E-14
Heptachlorobiphenyl	9.8E-18	2.9E-18	4.0E-18	2.4E-18	6.8E-18	5.4E-11	1.3E-10	6.8E-12	6.8E-12	1.2E-16	7.6E-16
Hexachlorobiphenyl	4.0E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	2.3E-10	5.3E-10	2.9E-11	2.9E-11	5.6E-16	3.4E-15
Monochlorobiphenyl	1.8E-15	1.7E-16	2.4E-16	1.4E-16	4.1E-16	2.8E-08	6.4E-08	3.5E-09	3.5E-09	1.4E-14	8.3E-14
Nonachlorobiphenyl	1.2E-18	5.1E-19	7.1E-19	4.3E-19	1.2E-18	7.7E-12	1.8E-11	9.6E-13	9.6E-13	2.2E-17	1.3E-16
Octachlorobiphenyl	2.9E-18	9.3E-19	1.3E-18	7.8E-19	2.2E-18	1.7E-11	3.8E-11	2.1E-12	2.1E-12	4.0E-17	2.5E-16
Pentachlorobiphenyl	1.3E-16	4.7E-17	6.5E-17	3.9E-17	1.1E-16	7.8E-10	1.8E-09	9.8E-11	9.8E-11	2.0E-15	1.2E-14
Tetrachlorobiphenyl	7.8E-17	9.4E-18	1.3E-17	8.0E-18	2.2E-17	1.3E-09	3.0E-09	1.6E-10	1.6E-10	7.4E-16	4.6E-15
Trichlorobiphenyl	1.0E-16	1.1E-17	1.6E-17	9.6E-18	2.7E-17	1.6E-09	3.8E-09	2.0E-10	2.0E-10	8.9E-16	5.5E-15

Table H-295 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				3.9E-09	9.4E-09					1.2E-07	7.5E-07
Dieldrin		2.0E-11	4.3E-10	2.4E-11	1.0E-09					1.2E-12	1.1E-10
SVOCs											
1,2,4-trichlorobenzene						1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,2-dichlorobenzene	1.2E-19					4.7E-09	1.1E-08	5.8E-10	5.8E-10		
1,3-dichlorobenzene	3.0E-19					7.0E-09	1.6E-08	8.7E-10	8.7E-10		
1,4-dichlorobenzene	4.0E-18					6.5E-08	1.5E-07	8.1E-09	8.1E-09		
1,4-Dioxane						5.5E-03					
2,4-Dimethylphenol	1.1E-16					1.0E-06	2.4E-06	1.3E-07	1.3E-07		
2-Chlorophenol	5.5E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
2-Methylphenol	2.3E-15					2.4E-06	5.5E-06	3.0E-07	3.0E-07		
2-Nitrophenol	1.4E-17					3.2E-07	7.5E-07	4.0E-08	4.0E-08		
3-Methylphenol & 4-Methylphenol				1.6E-13	4.4E-13	4.3E-06	9.9E-06	5.4E-07	5.4E-07	7.7E-15	4.8E-14
4-Nitrophenol	2.8E-17					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Acetophenone	1.7E-16					5.1E-06	1.2E-05	6.4E-07	6.4E-07		
Benzoic acid	6.8E-16					2.3E-05	5.3E-05	2.9E-06	2.9E-06		
Benzyl alcohol	4.2E-19					1.9E-07	4.5E-07	2.4E-08	2.4E-08		
bis(2-Ethylhexyl) phthalate	2.1E-14	2.9E-13	4.0E-13	3.4E-13	9.5E-13	8.1E-06	1.9E-05	1.0E-06	1.0E-06	1.7E-14	1.0E-13
Butyl benzyl phthalate	7.5E-15	1.4E-16	1.9E-16	1.6E-16	4.6E-16	2.6E-07	5.9E-07	3.2E-08	3.2E-08	8.1E-18	5.0E-17
Carbazole				6.0E-16	1.7E-15	7.2E-09	1.7E-08	9.0E-10	9.0E-10	2.9E-17	1.8E-16
Dibenzofuran		6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.1E-07	9.4E-07	5.1E-08	5.1E-08	1.0E-14	6.4E-14
Dimethyl phthalate	2.8E-18					1.4E-08	3.3E-08	1.8E-09	1.8E-09		
Di-n-butyl phthalate	7.2E-14	1.4E-16	1.9E-16	1.6E-16	4.6E-16	3.9E-07	9.1E-07	4.9E-08	4.9E-08	8.1E-18	5.0E-17

Table H-295 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	5.4E-19	4.0E-16	5.6E-16	4.8E-16	1.3E-15	2.8E-08	6.4E-08	3.4E-09	3.4E-09	2.3E-17	1.4E-16
Hexachlorobutadiene	2.9E-16					1.9E-06	4.4E-06	2.4E-07	2.4E-07		
Isopropanol						8.7E-02	9.7E-02				
p-Chloroaniline			1.4E-08		3.3E-08						3.6E-09
Phenol	6.3E-15					1.3E-05	3.0E-05	1.6E-06	1.6E-06		
Pyridine	3.3E-16					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
TRS											
Total Reduced Sulfur						1.2E-05	2.9E-05	1.6E-06	1.6E-06		
VOCs											
1,1,1,2-Tetrachloroethane	1.2E-19					5.8E-09	1.3E-08	7.2E-10	7.2E-10		
1,1,1-Trichloroethane	7.5E-21					5.7E-09	1.3E-08	7.1E-10	7.1E-10		
1,1-Dichloroethene	2.6E-22					1.1E-09	2.6E-09	1.4E-10	1.4E-10		
1,2,3-Trichlorobenzene	8.0E-18					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2,3-Trichloropropane	4.6E-20					4.6E-09	1.1E-08	5.8E-10	5.8E-10		
1,2,4-Trimethylbenzene						2.7E-07	6.2E-07	3.3E-08	3.3E-08		
1,2-Dibromoethane	1.6E-20					3.0E-09	6.8E-09	3.7E-10	3.7E-10		
1,2-Dichloroethane	5.0E-19					1.2E-07	1.9E-03	4.3E-05	4.3E-05		
1,3,5-Trimethylbenzene	2.6E-18					2.5E-07	5.8E-07	3.1E-08	3.1E-08		
1,3-Dichloropropane						2.9E-09	6.6E-09	3.6E-10	3.6E-10		
2-Butanone	1.0E-16					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
2-Chlorotoluene						6.3E-08	1.5E-07	7.9E-09	7.9E-09		
2-Hexanone						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
Benzene	8.5E-17					2.7E-03	1.2E-02	4.2E-04	4.2E-04		
Bromobenzene						1.6E-06	3.7E-06	2.0E-07	2.0E-07		

Table H-295 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromochloromethane						3.8E-09	8.7E-09	4.7E-10	4.7E-10		
Bromodichloromethane	1.3E-20					4.1E-09	1.4E-02	5.1E-10	5.1E-10		
Bromoform							6.6E-02				
Bromomethane	5.7E-20					1.6E-07	3.8E-07	2.0E-08	2.0E-08		
Carbon disulfide	5.4E-20					1.4E-07	3.3E-07	1.8E-08	1.8E-08		
Carbon tetrachloride	5.8E-21					5.6E-03	1.7E-02	6.6E-04	6.6E-04		
Chlorobenzene	2.0E-18					2.1E-07	4.8E-07	2.6E-08	2.6E-08		
Chlorodibromomethane	7.8E-19					1.0E-07	2.3E-07	1.3E-08	1.3E-08		
Chloroethane	1.6E-19					3.9E-07	9.1E-07	4.9E-08	4.9E-08		
Chloroform	1.2E-19					1.9E-03	3.4E-02	1.0E-04	1.0E-04		
Chloromethane	4.2E-19					1.3E-06	3.1E-06	1.7E-07	1.7E-07		
cis-1,2-Dichloroethene	1.6E-19					1.7E-07	3.9E-07	2.1E-08	2.1E-08		
cis-1,3-Dichloropropene						1.0E-09	2.4E-09	1.3E-10	1.3E-10		
Dibromomethane	1.8E-20					8.7E-09	2.0E-08	1.1E-09	1.1E-09		
Dichlorodifluoromethane	2.0E-22					1.1E-08	2.5E-08	1.3E-09	1.3E-09		
Ethylbenzene	6.4E-17					1.6E-03	9.5E-03	1.0E-06	1.0E-06		
Isopropylbenzene	8.4E-20					6.8E-07	1.6E-06	8.4E-08	8.4E-08		
m&p-Xylene	1.0E-17					1.6E-06	3.6E-06	2.0E-07	2.0E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19					1.5E-08	3.5E-08	1.9E-09	1.9E-09		
Methylene chloride	1.1E-18					7.7E-07	1.8E-06	9.7E-08	9.7E-08		
n-Butylbenzene						3.3E-07	7.7E-07	4.2E-08	4.2E-08		
n-Propylbenzene						4.0E-07	9.3E-07	5.0E-08	5.0E-08		
o-Xylene	1.2E-17					9.8E-07	2.3E-06	1.2E-07	1.2E-07		
p-Chlorotoluene						2.4E-08	5.5E-08	3.0E-09	3.0E-09		

Table H-295 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
p-Isopropyltoluene						1.6E-07	3.8E-07	2.1E-08	2.1E-08		
sec-Butylbenzene						6.1E-08	1.4E-07	7.6E-09	7.6E-09		
Styrene	4.0E-16					2.2E-05	5.1E-05	2.7E-06	2.7E-06		
tert-Butylbenzene						2.0E-06	4.5E-06	2.4E-07	2.4E-07		
Tetrachloroethene	2.8E-20					5.2E-09	1.2E-08	6.5E-10	6.5E-10		
Toluene	6.7E-17					1.4E-05	3.1E-05	1.7E-06	1.7E-06		
trans-1,2-Dichloroethene	2.5E-18					3.6E-06	8.4E-06	4.5E-07	4.5E-07		
trans-1,3-Dichloropropene						1.8E-09	4.2E-09	2.3E-10	2.3E-10		
Trichloroethene	2.9E-22					4.3E-04	1.9E-02	3.9E-11	3.9E-11		
Trichlorofluoromethane	4.5E-22					3.7E-09	8.6E-09	4.7E-10	4.7E-10		
Vinyl chloride	2.1E-20					6.0E-04	4.9E-07	2.7E-08	2.7E-08		

Table H-296 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					6.2E-07	1.4E-06	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19	
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19	
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18	
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19	
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19	
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19	
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20	
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19	
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19	

Table H-296 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.1E-02	2.0E-02					5.3E-07	2.1E-06
Antimony	1.6E-17			2.6E-07	1.4E-06	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.3E-11	1.5E-10
Arsenic	8.1E-16	6.0E-07	2.3E-07	1.4E-06	1.1E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	1.2E-10	2.0E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				3.1E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.5E-09	4.0E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				2.5E-02	3.7E-02					1.2E-06	4.0E-06
Lead	6.9E-18			9.0E-05	2.3E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	4.4E-09	2.5E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				9.8E-07	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	1.9E-06	1.2E-05
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18

Table H-296 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.8E-04	7.1E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.9E-08	7.7E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Thallium (Soluble Salts)				2.7E-07	1.7E-07					1.3E-11	1.8E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	9.0E-08	5.1E-07	8.1E-08	9.3E-07	3.0E-09	6.9E-09	3.7E-10	3.7E-10	1.2E-09	7.6E-09
Benzo(a)pyrene	3.1E-12	8.5E-08	5.6E-07	7.7E-08	1.0E-06	1.2E-09	2.7E-09	1.5E-10	1.5E-10	3.8E-12	1.1E-10
Benzo(b)fluoranthene	8.3E-13	1.3E-07	7.9E-07	1.2E-07	1.4E-06	1.3E-09	3.0E-09	1.6E-10	1.6E-10	5.9E-12	1.5E-10
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	7.1E-08	4.0E-07	6.4E-08	7.2E-07	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.1E-12	7.8E-11

Table H-296 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	1.1E-07	5.7E-07	1.0E-07	1.0E-06	5.1E-09	1.2E-08	6.4E-10	6.4E-10	5.0E-12	1.1E-10
Dibenze(a,h)anthracene	1.6E-13	2.0E-08	1.4E-07	1.8E-08	2.5E-07	1.9E-10	4.3E-10	2.3E-11	2.3E-11	8.8E-13	2.7E-11
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	5.7E-08	3.6E-07	5.1E-08	6.6E-07	6.2E-10	1.4E-09	7.7E-11	7.7E-11	2.5E-12	7.1E-11
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16

Table H-296 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				9.0E-08	2.2E-07					2.9E-09	1.8E-08
Dieldrin		4.7E-10	1.0E-08	5.6E-10	2.4E-08					2.7E-14	2.5E-12
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
1,4-Dioxane						1.3E-04					
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18

Table H-296 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						2.0E-03	2.3E-03				
p-Chloroaniline			3.3E-07		7.7E-07						8.4E-11
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	4.4E-05	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					6.4E-05	2.7E-04	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		

Table H-296 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	3.4E-04	1.2E-11	1.2E-11		
Bromoform							1.5E-03				
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.3E-04	3.9E-04	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					4.3E-05	7.9E-04	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					3.7E-05	2.2E-04	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-pent	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		

Table H-296 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10				
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10				
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08				
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09				
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11				
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08				
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08				
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12				
Trichloroethene	6.8E-21					1.0E-05	4.5E-04	9.1E-13	9.1E-13				
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11				
Vinyl chloride	4.8E-19					1.4E-05	1.1E-08	6.2E-10	6.2E-10				

Table H-297 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.6E-05	8.3E-05	4.5E-06	4.5E-06		
Aldehydes											
Acetaldehyde	3.9E-15					6.2E-05	1.4E-04	7.8E-06	7.8E-06		
Formaldehyde	1.9E-14					2.6E-05	1.7E+00	3.3E-06	3.3E-06		
Propionaldehyde				9.6E-17	2.7E-16	6.8E-06	1.6E-05	8.5E-07	8.5E-07	7.2E-13	4.4E-12
CO											
Carbon monoxide						1.9E-03	4.4E-03	2.4E-04	2.4E-04		
CO2											
Carbon dioxide						6.0E-05	1.4E-04	7.5E-06	7.5E-06		
Criteria											
Sulfur Dioxide						1.6E-05	3.7E-05	2.0E-06	2.0E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	5.3E-20	5.3E-17	7.4E-17	2.1E-16	5.9E-16	3.6E-11	8.4E-11	4.5E-12	4.5E-12	1.0E-17	6.3E-17
1,2,3,4,6,7,8-HpCDF	5.1E-20	5.4E-17	7.5E-17	2.1E-16	5.9E-16	3.7E-11	8.5E-11	4.6E-12	4.6E-12	1.0E-17	6.4E-17
1,2,3,4,7,8,9-HpCDF	7.8E-21	6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.7E-12	1.1E-11	5.8E-13	5.8E-13	1.2E-18	7.4E-18
1,2,3,4,7,8-HxCDD	6.0E-20	6.1E-18	8.5E-18	2.4E-17	6.7E-17	4.4E-12	1.0E-11	5.4E-13	5.4E-13	1.2E-18	7.2E-18
1,2,3,4,7,8-HxCDF	4.1E-19	4.8E-17	6.7E-17	1.9E-16	5.3E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	9.3E-18	5.7E-17
1,2,3,6,7,8-HxCDD	1.1E-19	1.2E-17	1.7E-17	4.9E-17	1.4E-16	9.2E-12	2.1E-11	1.1E-12	1.1E-12	2.4E-18	1.5E-17
1,2,3,6,7,8-HxCDF	1.5E-19	1.6E-17	2.2E-17	6.2E-17	1.7E-16	1.1E-11	2.7E-11	1.4E-12	1.4E-12	3.0E-18	1.9E-17
1,2,3,7,8,9-HxCDD	1.7E-19	1.9E-17	2.7E-17	7.7E-17	2.1E-16	1.4E-11	3.2E-11	1.7E-12	1.7E-12	3.8E-18	2.3E-17
1,2,3,7,8,9-HxCDF	1.2E-20	1.1E-18	1.6E-18	4.4E-18	1.2E-17	8.8E-13	2.0E-12	1.1E-13	1.1E-13	2.2E-19	1.3E-18
1,2,3,7,8-PeCDD	3.2E-19	6.8E-18	9.6E-18	2.7E-17	7.6E-17	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.3E-18	8.1E-18
1,2,3,7,8-PeCDF	4.4E-19	8.0E-18	1.1E-17	3.2E-17	8.9E-17	7.9E-12	1.8E-11	9.9E-13	9.9E-13	1.6E-18	9.6E-18

Table H-297 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	2.2E-19	2.5E-17	3.4E-17	9.7E-17	2.7E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	4.7E-18	2.9E-17
2,3,4,7,8-PeCDF	7.0E-19	1.9E-17	2.7E-17	7.6E-17	2.1E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	3.7E-18	2.3E-17
2,3,7,8-TCDD	1.1E-19	1.4E-18	1.9E-18	5.5E-18	1.5E-17	2.2E-12	5.1E-12	2.8E-13	2.8E-13	1.9E-16	1.1E-15
2,3,7,8-TCDF	3.4E-19	2.5E-18	3.5E-18	1.0E-17	2.8E-17	8.2E-12	1.9E-11	1.0E-12	1.0E-12	4.9E-19	3.0E-18
OCDD	7.1E-22	3.6E-17	5.0E-17	1.4E-16	4.0E-16	2.4E-11	5.6E-11	3.0E-12	3.0E-12	7.0E-18	4.3E-17
OCDF	2.6E-22	1.4E-17	1.9E-17	5.5E-17	1.5E-16	9.1E-12	2.1E-11	1.1E-12	1.1E-12	2.7E-18	1.7E-17
HCN											
Hydrogen cyanide						6.8E-06	1.6E-05	8.5E-07	8.5E-07		
Metals											
Aluminum				4.6E-04	1.0E-03					2.3E-05	1.1E-04
Antimony	6.7E-19			1.1E-08	2.1E-08	4.5E-07	1.0E-06	5.6E-08	5.6E-08	5.4E-10	2.2E-09
Arsenic	3.5E-17	2.6E-08	2.0E-08	6.1E-08	9.2E-08	2.5E-08	5.9E-08	3.2E-09	3.2E-09	4.9E-09	1.7E-08
Barium	9.3E-14			1.2E-10	3.3E-10	5.4E-06	1.2E-05	6.7E-07	6.7E-07	5.7E-12	3.5E-11
Beryllium	1.4E-18			4.5E-17	1.3E-16	1.8E-09	4.3E-09	2.3E-10	2.3E-10	2.2E-18	1.4E-17
Cadmium	3.6E-16			3.5E-17	9.8E-17	3.2E-08	7.5E-08	4.1E-09	4.1E-09	1.7E-18	1.1E-17
Chromium	1.0E-16			3.0E-12	8.5E-12	2.8E-07	6.4E-07	3.5E-08	3.5E-08	1.5E-13	9.2E-13
Cobalt				1.3E-06	1.6E-06	4.2E-07	9.7E-07	5.3E-08	5.3E-08	6.6E-08	1.7E-07
Copper				1.2E-11	3.5E-11	7.6E-07	1.8E-06	9.5E-08	9.5E-08	6.1E-13	3.8E-12
Iron				1.1E-03	1.7E-03					5.3E-05	1.8E-04
Lead	3.0E-19			3.9E-06	2.3E-06	2.6E-07	5.9E-07	3.2E-08	3.2E-08	1.9E-07	2.4E-07
Manganese				3.4E-14	9.6E-14	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.7E-15	1.0E-14
Mercury (+2)				1.4E-15	3.9E-15	1.0E-09	2.3E-09	1.3E-10	1.3E-10	6.7E-17	4.2E-16
Mercury, elemental				4.2E-08	1.2E-09	4.2E-12	9.7E-12	5.3E-13	5.3E-13	8.1E-05	5.0E-04
Methyl Mercury	3.6E-16			8.2E-17	2.3E-16					4.0E-18	2.5E-17

Table H-297 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	1.4E-16			2.5E-05	3.4E-05	1.5E-07	3.4E-07	1.9E-08	1.9E-08	1.2E-06	3.7E-06
Phosphorus				3.2E-16	9.0E-16	1.1E-06	2.6E-06	1.4E-07	1.4E-07	3.1E-12	1.9E-11
Selenium	1.2E-17			1.7E-18	4.8E-18	7.5E-09	1.7E-08	9.3E-10	9.3E-10	8.5E-20	5.2E-19
Silver	8.6E-18			3.2E-14	8.9E-14	4.9E-09	1.1E-08	6.1E-10	6.1E-10	1.6E-15	9.6E-15
Thallium (Soluble Salts)				1.1E-08	6.2E-09					5.6E-10	6.6E-10
Titanium				3.4E-16	9.6E-16	2.6E-09	6.0E-09	3.3E-10	3.3E-10	1.7E-17	1.0E-16
Zinc	1.8E-13			7.9E-15	2.2E-14	5.9E-06	1.4E-05	7.3E-07	7.3E-07	3.9E-16	2.4E-15
NOx											
NOx (Oxides of Nitrogen)						6.7E-05	1.6E-04	8.4E-06	8.4E-06		
PAHs											
1-Methylnaphthalene		1.0E-17	1.4E-17	9.3E-18	2.6E-17	1.4E-06	3.3E-06	1.8E-07	1.8E-07	1.1E-14	6.5E-14
1-Methylphenanthrene				6.2E-15	1.7E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	3.0E-16	1.9E-15
2,3,5-Trimethylnaphthalene				2.9E-15	8.2E-15	8.4E-08	1.9E-07	1.0E-08	1.0E-08	1.4E-16	8.8E-16
2,6-Dimethylnaphthalene				8.0E-15	2.2E-14	2.2E-07	5.1E-07	2.8E-08	2.8E-08	3.9E-16	2.4E-15
2-Methylnaphthalene		9.9E-18	1.4E-17	9.0E-18	2.5E-17	1.4E-06	3.2E-06	1.7E-07	1.7E-07	1.0E-14	6.4E-14
Acenaphthylene				2.6E-14	7.2E-14	8.1E-07	1.9E-06	1.0E-07	1.0E-07	1.3E-15	7.7E-15
Acenaphthene	1.5E-16					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Anthracene	1.8E-15					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
Benzo(a)anthracene	2.6E-13	3.8E-09	1.1E-13	3.5E-09	2.0E-13	1.3E-07	3.0E-07	1.6E-08	1.6E-08	5.3E-08	3.2E-07
Benzo(a)pyrene	1.3E-13	3.6E-09	4.9E-14	3.3E-09	9.0E-14	5.0E-08	1.2E-07	6.3E-09	6.3E-09	1.6E-10	9.7E-15
Benzo(b)fluoranthene	3.6E-14	5.6E-09	2.9E-15	5.1E-09	5.2E-15	5.6E-08	1.3E-07	7.0E-09	7.0E-09	2.5E-10	5.6E-16
Benzo(e)pyrene				1.5E-15	4.1E-15	4.3E-08	9.9E-08	5.4E-09	5.4E-09	7.2E-17	4.4E-16
Benzo(g,h,i)perylene				1.1E-15	3.0E-15	3.3E-08	7.6E-08	4.1E-09	4.1E-09	5.3E-17	3.2E-16
Benzo(k)fluoranthene	2.9E-16	3.0E-09	3.6E-15	2.8E-09	6.5E-15	5.0E-10	1.2E-09	6.2E-11	6.2E-11	1.3E-10	7.0E-16

Table H-297 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of		Inhalation of		Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	
Biphenyl				1.4E-16	4.0E-16	4.8E-06	1.1E-05	6.0E-07	6.0E-07	8.4E-14	5.2E-13	
Chrysene	4.6E-14	4.8E-09	1.4E-13	4.4E-09	2.6E-13	2.2E-07	5.1E-07	2.7E-08	2.7E-08	2.2E-10	2.8E-14	
Dibenze(a,h)anthracene	6.6E-15	8.5E-10	1.8E-14	7.7E-10	3.3E-14	8.0E-09	1.8E-08	9.9E-10	9.9E-10	3.8E-11	3.5E-15	
Fluoranthene	1.2E-14	2.7E-15	3.8E-15	2.5E-15	6.9E-15	3.2E-07	7.4E-07	4.0E-08	4.0E-08	1.2E-16	7.5E-16	
Fluorene	2.6E-15					8.0E-07	1.9E-06	1.0E-07	1.0E-07			
Indeno(1,2,3-cd)pyrene	1.7E-14	2.4E-09	5.0E-14	2.2E-09	9.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	1.1E-10	9.8E-15	
Napthalene	1.2E-15					6.4E-06	1.5E-05	8.0E-07	8.0E-07			
Perylene				5.6E-16	1.6E-15	2.0E-08	4.6E-08	2.5E-09	2.5E-09	2.8E-17	1.7E-16	
Phenanthrene	1.3E-14					1.5E-06	3.5E-06	1.9E-07	1.9E-07			
Pyrene	8.7E-15	9.2E-15	1.3E-14	8.3E-15	2.3E-14	3.1E-07	7.2E-07	3.9E-08	3.9E-08	2.3E-13	1.4E-12	
Particulate												
Particulate Total Suspended Particulate				1.3E-10	3.6E-10	1.0E-03	2.3E-03	1.3E-04	1.3E-04	6.3E-12	3.9E-11	
PM<10				1.6E-10	4.6E-10	1.3E-03	3.1E-03	1.7E-04	1.7E-04	8.0E-12	5.0E-11	
PM<2.5				1.4E-10	3.8E-10	1.1E-03	2.6E-03	1.4E-04	1.4E-04	6.7E-12	4.1E-11	
PCBs												
Dichlorobiphenyl	2.6E-16	2.5E-17	3.5E-17	2.1E-17	5.8E-17	4.0E-09	9.2E-09	5.0E-10	5.0E-10	1.9E-15	1.2E-14	
Heptachlorobiphenyl	9.8E-18	2.9E-18	4.0E-18	2.4E-18	6.8E-18	5.4E-11	1.3E-10	6.8E-12	6.8E-12	1.2E-16	7.6E-16	
Hexachlorobiphenyl	4.0E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	2.3E-10	5.3E-10	2.9E-11	2.9E-11	5.6E-16	3.4E-15	
Monochlorobiphenyl	1.8E-15	1.7E-16	2.4E-16	1.4E-16	4.1E-16	2.8E-08	6.4E-08	3.5E-09	3.5E-09	1.4E-14	8.3E-14	
Nonachlorobiphenyl	1.2E-18	5.1E-19	7.1E-19	4.3E-19	1.2E-18	7.7E-12	1.8E-11	9.6E-13	9.6E-13	2.2E-17	1.3E-16	
Octachlorobiphenyl	2.9E-18	9.3E-19	1.3E-18	7.8E-19	2.2E-18	1.7E-11	3.8E-11	2.1E-12	2.1E-12	4.0E-17	2.5E-16	
Pentachlorobiphenyl	1.3E-16	4.7E-17	6.5E-17	3.9E-17	1.1E-16	7.8E-10	1.8E-09	9.8E-11	9.8E-11	2.0E-15	1.2E-14	
Tetrachlorobiphenyl	7.8E-17	9.4E-18	1.3E-17	8.0E-18	2.2E-17	1.3E-09	3.0E-09	1.6E-10	1.6E-10	7.4E-16	4.6E-15	
Trichlorobiphenyl	1.0E-16	1.1E-17	1.6E-17	9.6E-18	2.7E-17	1.6E-09	3.8E-09	2.0E-10	2.0E-10	8.9E-16	5.5E-15	

Table H-297 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				3.9E-09	3.3E-09					1.2E-07	7.5E-07
Dieldrin		2.0E-11		2.4E-11						1.2E-12	
SVOCs											
1,2,4-trichlorobenzene						1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,2-dichlorobenzene	1.2E-19					4.7E-09	1.1E-08	5.8E-10	5.8E-10		
1,3-dichlorobenzene	3.0E-19					7.0E-09	1.6E-08	8.7E-10	8.7E-10		
1,4-dichlorobenzene	4.0E-18					6.5E-08	1.5E-07	8.1E-09	8.1E-09		
1,4-Dioxane						5.5E-03					
2,4-Dimethylphenol	1.1E-16					1.0E-06	2.4E-06	1.3E-07	1.3E-07		
2-Chlorophenol	5.5E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
2-Methylphenol	2.3E-15					2.4E-06	5.5E-06	3.0E-07	3.0E-07		
2-Nitrophenol	1.4E-17					3.2E-07	7.5E-07	4.0E-08	4.0E-08		
3-Methylphenol & 4-Methylphenol				1.6E-13	4.4E-13	4.3E-06	9.9E-06	5.4E-07	5.4E-07	7.7E-15	4.8E-14
4-Nitrophenol	2.8E-17					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Acetophenone	1.7E-16					5.1E-06	1.2E-05	6.4E-07	6.4E-07		
Benzoic acid	6.8E-16					2.3E-05	5.3E-05	2.9E-06	2.9E-06		
Benzyl alcohol	4.2E-19					1.9E-07	4.5E-07	2.4E-08	2.4E-08		
bis(2-Ethylhexyl) phthalate	2.1E-14	2.9E-13	4.0E-13	3.4E-13	9.5E-13	8.1E-06	1.9E-05	1.0E-06	1.0E-06	1.7E-14	1.0E-13
Butyl benzyl phthalate	7.5E-15	1.4E-16	1.9E-16	1.6E-16	4.6E-16	2.6E-07	5.9E-07	3.2E-08	3.2E-08	8.1E-18	5.0E-17
Carbazole				6.0E-16	1.7E-15	7.2E-09	1.7E-08	9.0E-10	9.0E-10	2.9E-17	1.8E-16
Dibenzofuran		6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.1E-07	9.4E-07	5.1E-08	5.1E-08	1.0E-14	6.4E-14
Dimethyl phthalate	2.8E-18					1.4E-08	3.3E-08	1.8E-09	1.8E-09		
Di-n-butyl phthalate	7.2E-14	1.4E-16	1.9E-16	1.6E-16	4.6E-16	3.9E-07	9.1E-07	4.9E-08	4.9E-08	8.1E-18	5.0E-17

Table H-297 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	5.4E-19	4.0E-16	5.6E-16	4.8E-16	1.3E-15	2.8E-08	6.4E-08	3.4E-09	3.4E-09	2.3E-17	1.4E-16
Hexachlorobutadiene	2.9E-16					1.9E-06	4.4E-06	2.4E-07	2.4E-07		
Isopropanol						8.7E-02					
Phenol	6.3E-15					1.3E-05	3.0E-05	1.6E-06	1.6E-06		
Pyridine	3.3E-16					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
TRS											
Total Reduced Sulfur						1.2E-05	2.9E-05	1.6E-06	1.6E-06		
VOCs											
1,1,1,2-Tetrachloroethane	1.2E-19					5.8E-09	1.3E-08	7.2E-10	7.2E-10		
1,1,1-Trichloroethane	7.5E-21					5.7E-09	1.3E-08	7.1E-10	7.1E-10		
1,1-Dichloroethene	2.6E-22					1.1E-09	2.6E-09	1.4E-10	1.4E-10		
1,2,3-Trichlorobenzene	8.0E-18					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2,3-Trichloropropane	4.6E-20					4.6E-09	1.1E-08	5.8E-10	5.8E-10		
1,2,4-Trimethylbenzene						2.7E-07	6.2E-07	3.3E-08	3.3E-08		
1,2-Dibromoethane	1.6E-20					3.0E-09	6.8E-09	3.7E-10	3.7E-10		
1,2-Dichloroethane	5.0E-19					1.2E-07	2.7E-07	4.3E-05	4.3E-05		
1,3,5-Trimethylbenzene	2.6E-18					2.5E-07	5.8E-07	3.1E-08	3.1E-08		
1,3-Dichloropropane						2.9E-09	6.6E-09	3.6E-10	3.6E-10		
2-Butanone	1.0E-16					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
2-Chlorotoluene						6.3E-08	1.5E-07	7.9E-09	7.9E-09		
2-Hexanone						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
Benzene	8.5E-17					2.7E-03	8.6E-05	4.2E-04	4.2E-04		
Bromobenzene						1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Bromochloromethane						3.8E-09	8.7E-09	4.7E-10	4.7E-10		

Table H-297 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromodichloromethane	1.3E-20					4.1E-09	9.4E-09	5.1E-10	5.1E-10		
Bromomethane	5.7E-20					1.6E-07	3.8E-07	2.0E-08	2.0E-08		
Carbon disulfide	5.4E-20					1.4E-07	3.3E-07	1.8E-08	1.8E-08		
Carbon tetrachloride	5.8E-21					5.6E-03	2.2E-08	6.6E-04	6.6E-04		
Chlorobenzene	2.0E-18					2.1E-07	4.8E-07	2.6E-08	2.6E-08		
Chlorodibromomethane	7.8E-19					1.0E-07	2.3E-07	1.3E-08	1.3E-08		
Chloroethane	1.6E-19					3.9E-07	9.1E-07	4.9E-08	4.9E-08		
Chloroform	1.2E-19					1.9E-03	1.9E-07	1.0E-04	1.0E-04		
Chloromethane	4.2E-19					1.3E-06	3.1E-06	1.7E-07	1.7E-07		
cis-1,2-Dichloroethene	1.6E-19					1.7E-07	3.9E-07	2.1E-08	2.1E-08		
cis-1,3-Dichloropropene						1.0E-09	2.4E-09	1.3E-10	1.3E-10		
Dibromomethane	1.8E-20					8.7E-09	2.0E-08	1.1E-09	1.1E-09		
Dichlorodifluoromethane	2.0E-22					1.1E-08	2.5E-08	1.3E-09	1.3E-09		
Ethylbenzene	6.4E-17					1.6E-03	1.9E-05	1.0E-06	1.0E-06		
Isopropylbenzene	8.4E-20					6.8E-07	1.6E-06	8.4E-08	8.4E-08		
m&p-Xylene	1.0E-17					1.6E-06	3.6E-06	2.0E-07	2.0E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19					1.5E-08	3.5E-08	1.9E-09	1.9E-09		
Methylene chloride	1.1E-18					7.7E-07	1.8E-06	9.7E-08	9.7E-08		
n-Butylbenzene						3.3E-07	7.7E-07	4.2E-08	4.2E-08		
n-Propylbenzene						4.0E-07	9.3E-07	5.0E-08	5.0E-08		
o-Xylene	1.2E-17					9.8E-07	2.3E-06	1.2E-07	1.2E-07		
p-Chlorotoluene						2.4E-08	5.5E-08	3.0E-09	3.0E-09		
p-Isopropyltoluene						1.6E-07	3.8E-07	2.1E-08	2.1E-08		
sec-Butylbenzene						6.1E-08	1.4E-07	7.6E-09	7.6E-09		

Table H-297 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Styrene	4.0E-16					2.2E-05	5.1E-05	2.7E-06	2.7E-06		
tert-Butylbenzene						2.0E-06	4.5E-06	2.4E-07	2.4E-07		
Tetrachloroethene	2.8E-20					5.2E-09	1.2E-08	6.5E-10	6.5E-10		
Toluene	6.7E-17					1.4E-05	3.1E-05	1.7E-06	1.7E-06		
trans-1,2-Dichloroethene	2.5E-18					3.6E-06	8.4E-06	4.5E-07	4.5E-07		
trans-1,3-Dichloropropene						1.8E-09	4.2E-09	2.3E-10	2.3E-10		
Trichloroethene	2.9E-22					4.3E-04	7.2E-10	3.9E-11	3.9E-11		
Trichlorofluoromethane	4.5E-22					3.7E-09	8.6E-09	4.7E-10	4.7E-10		
Vinyl chloride	2.1E-20					6.0E-04	4.9E-07	2.7E-08	2.7E-08		

Table H-298 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					6.2E-07	4.0E-02	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19	
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19	
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18	
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19	
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19	
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19	
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20	
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19	
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19	

Table H-298 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.1E-02	2.4E-02					5.3E-07	2.6E-06
Antimony	1.6E-17			2.6E-07	4.8E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.3E-11	5.2E-11
Arsenic	8.1E-16	6.0E-07	4.6E-07	1.4E-06	2.2E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	1.2E-10	3.9E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				3.1E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.5E-09	4.0E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				2.5E-02	4.0E-02					1.2E-06	4.3E-06
Lead	6.9E-18			9.0E-05	5.3E-05	6.0E-09	1.4E-08	7.5E-10	7.5E-10	4.4E-09	5.7E-09
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				9.8E-07	2.7E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	1.9E-06	1.2E-05
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18

Table H-298 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.8E-04	7.9E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.9E-08	8.5E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Thallium (Soluble Salts)				2.7E-07	1.4E-07					1.3E-11	1.6E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	9.0E-08	2.8E-12	8.1E-08	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	1.2E-09	7.6E-09
Benzo(a)pyrene	3.1E-12	8.5E-08	1.2E-12	7.7E-08	2.3E-12	1.2E-09	2.7E-09	1.5E-10	1.5E-10	3.8E-12	2.4E-16
Benzo(b)fluoranthene	8.3E-13	1.3E-07	7.3E-14	1.2E-07	1.3E-13	1.3E-09	3.0E-09	1.6E-10	1.6E-10	5.9E-12	1.4E-17
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	7.1E-08	1.1E-13	6.4E-08	2.0E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.1E-12	2.2E-17

Table H-298 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	1.1E-07	3.8E-12	1.0E-07	7.0E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	5.0E-12	7.5E-16
Dibenze(a,h)anthracene	1.6E-13	2.0E-08	4.8E-13	1.8E-08	8.7E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	8.8E-13	9.4E-17
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	5.7E-08	1.3E-12	5.1E-08	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	2.5E-12	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16

Table H-298 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				9.0E-08	7.8E-08					2.9E-09	1.8E-08
Dieldrin		4.7E-10		5.6E-10						2.7E-14	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
1,4-Dioxane						1.3E-04					
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18

Table H-298 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						2.0E-03					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					6.4E-05	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		

Table H-298 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.3E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					4.3E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					3.7E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		

Table H-298 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08				
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09				
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11				
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08				
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08				
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12				
Trichloroethene	6.8E-21					1.0E-05	1.7E-11	9.1E-13	9.1E-13				
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11				
Vinyl chloride	4.8E-19					1.4E-05	1.1E-08	6.2E-10	6.2E-10				

Table H-299 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.6E-05	8.3E-05	4.5E-06	4.5E-06		
Aldehydes											
Acetaldehyde	3.9E-15					6.2E-05	1.4E-04	7.8E-06	7.8E-06		
Formaldehyde	1.9E-14					2.6E-05	1.2E+00	3.3E-06	3.3E-06		
Propionaldehyde				9.6E-17	2.7E-16	6.8E-06	1.6E-05	8.5E-07	8.5E-07	7.2E-13	4.4E-12
CO											
Carbon monoxide						1.9E-03	4.4E-03	2.4E-04	2.4E-04		
CO2											
Carbon dioxide						6.0E-05	1.4E-04	7.5E-06	7.5E-06		
Criteria											
Sulfur Dioxide						1.6E-05	3.7E-05	2.0E-06	2.0E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	5.3E-20	5.3E-17	7.4E-17	2.1E-16	5.9E-16	3.6E-11	8.4E-11	4.5E-12	4.5E-12	1.0E-17	6.3E-17
1,2,3,4,6,7,8-HpCDF	5.1E-20	5.4E-17	7.5E-17	2.1E-16	5.9E-16	3.7E-11	8.5E-11	4.6E-12	4.6E-12	1.0E-17	6.4E-17
1,2,3,4,7,8,9-HpCDF	7.8E-21	6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.7E-12	1.1E-11	5.8E-13	5.8E-13	1.2E-18	7.4E-18
1,2,3,4,7,8-HxCDD	6.0E-20	6.1E-18	8.5E-18	2.4E-17	6.7E-17	4.4E-12	1.0E-11	5.4E-13	5.4E-13	1.2E-18	7.2E-18
1,2,3,4,7,8-HxCDF	4.1E-19	4.8E-17	6.7E-17	1.9E-16	5.3E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	9.3E-18	5.7E-17
1,2,3,6,7,8-HxCDD	1.1E-19	1.2E-17	1.7E-17	4.9E-17	1.4E-16	9.2E-12	2.1E-11	1.1E-12	1.1E-12	2.4E-18	1.5E-17
1,2,3,6,7,8-HxCDF	1.5E-19	1.6E-17	2.2E-17	6.2E-17	1.7E-16	1.1E-11	2.7E-11	1.4E-12	1.4E-12	3.0E-18	1.9E-17
1,2,3,7,8,9-HxCDD	1.7E-19	1.9E-17	2.7E-17	7.7E-17	2.1E-16	1.4E-11	3.2E-11	1.7E-12	1.7E-12	3.8E-18	2.3E-17
1,2,3,7,8,9-HxCDF	1.2E-20	1.1E-18	1.6E-18	4.4E-18	1.2E-17	8.8E-13	2.0E-12	1.1E-13	1.1E-13	2.2E-19	1.3E-18
1,2,3,7,8-PeCDD	3.2E-19	6.8E-18	9.6E-18	2.7E-17	7.6E-17	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.3E-18	8.1E-18
1,2,3,7,8-PeCDF	4.4E-19	8.0E-18	1.1E-17	3.2E-17	8.9E-17	7.9E-12	1.8E-11	9.9E-13	9.9E-13	1.6E-18	9.6E-18

Table H-299 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	2.2E-19	2.5E-17	3.4E-17	9.7E-17	2.7E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	4.7E-18	2.9E-17
2,3,4,7,8-PeCDF	7.0E-19	1.9E-17	2.7E-17	7.6E-17	2.1E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	3.7E-18	2.3E-17
2,3,7,8-TCDD	1.1E-19	1.4E-18	1.9E-18	5.5E-18	1.5E-17	2.2E-12	5.1E-12	2.8E-13	2.8E-13	1.9E-16	1.1E-15
2,3,7,8-TCDF	3.4E-19	2.5E-18	3.5E-18	1.0E-17	2.8E-17	8.2E-12	1.9E-11	1.0E-12	1.0E-12	4.9E-19	3.0E-18
OCDD	7.1E-22	3.6E-17	5.0E-17	1.4E-16	4.0E-16	2.4E-11	5.6E-11	3.0E-12	3.0E-12	7.0E-18	4.3E-17
OCDF	2.6E-22	1.4E-17	1.9E-17	5.5E-17	1.5E-16	9.1E-12	2.1E-11	1.1E-12	1.1E-12	2.7E-18	1.7E-17
HCN											
Hydrogen cyanide						6.8E-06	1.6E-05	8.5E-07	8.5E-07		
Metals											
Aluminum				4.6E-04	8.2E-04					2.3E-05	8.9E-05
Antimony	6.7E-19			1.1E-08	7.2E-09	4.5E-07	1.0E-06	5.6E-08	5.6E-08	5.4E-10	7.8E-10
Arsenic	3.5E-17	2.6E-08	7.8E-09	6.1E-08	3.7E-08	2.5E-08	5.9E-08	3.2E-09	3.2E-09	4.9E-09	6.6E-09
Barium	9.3E-14			1.2E-10	3.3E-10	5.4E-06	1.2E-05	6.7E-07	6.7E-07	5.7E-12	3.5E-11
Beryllium	1.4E-18			4.5E-17	1.3E-16	1.8E-09	4.3E-09	2.3E-10	2.3E-10	2.2E-18	1.4E-17
Cadmium	3.6E-16			3.5E-17	9.8E-17	3.2E-08	7.5E-08	4.1E-09	4.1E-09	1.7E-18	1.1E-17
Chromium	1.0E-16			3.0E-12	8.5E-12	2.8E-07	6.4E-07	3.5E-08	3.5E-08	1.5E-13	9.2E-13
Cobalt				1.3E-06	2.7E-06	4.2E-07	9.7E-07	5.3E-08	5.3E-08	6.6E-08	2.9E-07
Copper				1.2E-11	3.5E-11	7.6E-07	1.8E-06	9.5E-08	9.5E-08	6.1E-13	3.8E-12
Iron				1.1E-03	1.8E-03					5.3E-05	2.0E-04
Lead	3.0E-19			3.9E-06	6.2E-06	2.6E-07	5.9E-07	3.2E-08	3.2E-08	1.9E-07	6.6E-07
Manganese				3.4E-14	9.6E-14	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.7E-15	1.0E-14
Mercury (+2)				1.4E-15	3.9E-15	1.0E-09	2.3E-09	1.3E-10	1.3E-10	6.7E-17	4.2E-16
Mercury, elemental				4.2E-08	1.9E-09	4.2E-12	9.7E-12	5.3E-13	5.3E-13	8.1E-05	5.0E-04
Methyl Mercury	3.6E-16			8.2E-17	2.3E-16					4.0E-18	2.5E-17

Table H-299 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	1.4E-16			2.5E-05	5.7E-05	1.5E-07	3.4E-07	1.9E-08	1.9E-08	1.2E-06	6.1E-06
Phosphorus				3.2E-16	9.0E-16	1.1E-06	2.6E-06	1.4E-07	1.4E-07	3.1E-12	1.9E-11
Selenium	1.2E-17			1.7E-18	4.8E-18	7.5E-09	1.7E-08	9.3E-10	9.3E-10	8.5E-20	5.2E-19
Silver	8.6E-18			3.2E-14	8.9E-14	4.9E-09	1.1E-08	6.1E-10	6.1E-10	1.6E-15	9.6E-15
Thallium (Soluble Salts)				1.1E-08						5.6E-10	
Titanium				3.4E-16	9.6E-16	2.6E-09	6.0E-09	3.3E-10	3.3E-10	1.7E-17	1.0E-16
Zinc	1.8E-13			7.9E-15	2.2E-14	5.9E-06	1.4E-05	7.3E-07	7.3E-07	3.9E-16	2.4E-15
NOx											
NOx (Oxides of Nitrogen)						6.7E-05	1.6E-04	8.4E-06	8.4E-06		
PAHs											
1-Methylnaphthalene		1.0E-17	1.4E-17	9.3E-18	2.6E-17	1.4E-06	3.3E-06	1.8E-07	1.8E-07	1.1E-14	6.5E-14
1-Methylphenanthrene				6.2E-15	1.7E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	3.0E-16	1.9E-15
2,3,5-Trimethylnaphthalene				2.9E-15	8.2E-15	8.4E-08	1.9E-07	1.0E-08	1.0E-08	1.4E-16	8.8E-16
2,6-Dimethylnaphthalene				8.0E-15	2.2E-14	2.2E-07	5.1E-07	2.8E-08	2.8E-08	3.9E-16	2.4E-15
2-Methylnaphthalene		9.9E-18	1.4E-17	9.0E-18	2.5E-17	1.4E-06	3.2E-06	1.7E-07	1.7E-07	1.0E-14	6.4E-14
Acenaphthylene				2.6E-14	7.2E-14	8.1E-07	1.9E-06	1.0E-07	1.0E-07	1.3E-15	7.7E-15
Acenaphthene	1.5E-16					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Anthracene	1.8E-15					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
Benzo(a)anthracene	2.6E-13	3.8E-09	1.1E-13	3.5E-09	2.0E-13	1.3E-07	3.0E-07	1.6E-08	1.6E-08	5.3E-08	3.2E-07
Benzo(a)pyrene	1.3E-13	3.6E-09	5.6E-09	3.3E-09	1.0E-08	5.0E-08	1.2E-07	6.3E-09	6.3E-09	1.6E-10	1.1E-09
Benzo(b)fluoranthene	3.6E-14	5.6E-09	5.1E-09	5.1E-09	9.2E-09	5.6E-08	1.3E-07	7.0E-09	7.0E-09	2.5E-10	1.0E-09
Benzo(e)pyrene				1.5E-15	4.1E-15	4.3E-08	9.9E-08	5.4E-09	5.4E-09	7.2E-17	4.4E-16
Benzo(g,h,i)perylene				1.1E-15	3.0E-15	3.3E-08	7.6E-08	4.1E-09	4.1E-09	5.3E-17	3.2E-16
Benzo(k)fluoranthene	2.9E-16	3.0E-09	3.6E-15	2.8E-09	6.5E-15	5.0E-10	1.2E-09	6.2E-11	6.2E-11	1.3E-10	7.0E-16

Table H-299 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				1.4E-16	4.0E-16	4.8E-06	1.1E-05	6.0E-07	6.0E-07	8.4E-14	5.2E-13
Chrysene	4.6E-14	4.8E-09	1.4E-13	4.4E-09	2.6E-13	2.2E-07	5.1E-07	2.7E-08	2.7E-08	2.2E-10	2.8E-14
Dibenze(a,h)anthracene	6.6E-15	8.5E-10	1.8E-14	7.7E-10	3.3E-14	8.0E-09	1.8E-08	9.9E-10	9.9E-10	3.8E-11	3.5E-15
Fluoranthene	1.2E-14	2.7E-15	3.8E-15	2.5E-15	6.9E-15	3.2E-07	7.4E-07	4.0E-08	4.0E-08	1.2E-16	7.5E-16
Fluorene	2.6E-15					8.0E-07	1.9E-06	1.0E-07	1.0E-07		
Indeno(1,2,3-cd)pyrene	1.7E-14	2.4E-09	5.0E-14	2.2E-09	9.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	1.1E-10	9.8E-15
Napthalene	1.2E-15					6.4E-06	1.5E-05	8.0E-07	8.0E-07		
Perylene				5.6E-16	1.6E-15	2.0E-08	4.6E-08	2.5E-09	2.5E-09	2.8E-17	1.7E-16
Phenanthrene	1.3E-14					1.5E-06	3.5E-06	1.9E-07	1.9E-07		
Pyrene	8.7E-15	9.2E-15	1.3E-14	8.3E-15	2.3E-14	3.1E-07	7.2E-07	3.9E-08	3.9E-08	2.3E-13	1.4E-12
Particulate											
Particulate Total Suspended Particulate				1.3E-10	3.6E-10	1.0E-03	2.3E-03	1.3E-04	1.3E-04	6.3E-12	3.9E-11
PM<10				1.6E-10	4.6E-10	1.3E-03	3.1E-03	1.7E-04	1.7E-04	8.0E-12	5.0E-11
PM<2.5				1.4E-10	3.8E-10	1.1E-03	2.6E-03	1.4E-04	1.4E-04	6.7E-12	4.1E-11
PCBs											
Dichlorobiphenyl	2.6E-16	2.5E-17	3.5E-17	2.1E-17	5.8E-17	4.0E-09	9.2E-09	5.0E-10	5.0E-10	1.9E-15	1.2E-14
Heptachlorobiphenyl	9.8E-18	2.9E-18	4.0E-18	2.4E-18	6.8E-18	5.4E-11	1.3E-10	6.8E-12	6.8E-12	1.2E-16	7.6E-16
Hexachlorobiphenyl	4.0E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	2.3E-10	5.3E-10	2.9E-11	2.9E-11	5.6E-16	3.4E-15
Monochlorobiphenyl	1.8E-15	1.7E-16	2.4E-16	1.4E-16	4.1E-16	2.8E-08	6.4E-08	3.5E-09	3.5E-09	1.4E-14	8.3E-14
Nonachlorobiphenyl	1.2E-18	5.1E-19	7.1E-19	4.3E-19	1.2E-18	7.7E-12	1.8E-11	9.6E-13	9.6E-13	2.2E-17	1.3E-16
Octachlorobiphenyl	2.9E-18	9.3E-19	1.3E-18	7.8E-19	2.2E-18	1.7E-11	3.8E-11	2.1E-12	2.1E-12	4.0E-17	2.5E-16
Pentachlorobiphenyl	1.3E-16	4.7E-17	6.5E-17	3.9E-17	1.1E-16	7.8E-10	1.8E-09	9.8E-11	9.8E-11	2.0E-15	1.2E-14
Tetrachlorobiphenyl	7.8E-17	9.4E-18	1.3E-17	8.0E-18	2.2E-17	1.3E-09	3.0E-09	1.6E-10	1.6E-10	7.4E-16	4.6E-15
Trichlorobiphenyl	1.0E-16	1.1E-17	1.6E-17	9.6E-18	2.7E-17	1.6E-09	3.8E-09	2.0E-10	2.0E-10	8.9E-16	5.5E-15

Table H-299 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				3.9E-09	1.2E-08					1.2E-07	7.5E-07
Dieldrin		2.0E-11		2.4E-11						1.2E-12	
SVOCs											
1,2,4-trichlorobenzene						1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,2-dichlorobenzene	1.2E-19					4.7E-09	1.1E-08	5.8E-10	5.8E-10		
1,3-dichlorobenzene	3.0E-19					7.0E-09	1.6E-08	8.7E-10	8.7E-10		
1,4-dichlorobenzene	4.0E-18					6.5E-08	1.5E-07	8.1E-09	8.1E-09		
1,4-Dioxane						5.5E-03					
2,4-Dimethylphenol	1.1E-16					1.0E-06	2.4E-06	1.3E-07	1.3E-07		
2-Chlorophenol	5.5E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
2-Methylphenol	2.3E-15					2.4E-06	5.5E-06	3.0E-07	3.0E-07		
2-Nitrophenol	1.4E-17					3.2E-07	7.5E-07	4.0E-08	4.0E-08		
3-Methylphenol & 4-Methylphenol				1.6E-13	4.4E-13	4.3E-06	9.9E-06	5.4E-07	5.4E-07	7.7E-15	4.8E-14
4-Nitrophenol	2.8E-17					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Acetophenone	1.7E-16					5.1E-06	1.2E-05	6.4E-07	6.4E-07		
Benzoic acid	6.8E-16					2.3E-05	5.3E-05	2.9E-06	2.9E-06		
Benzyl alcohol	4.2E-19					1.9E-07	4.5E-07	2.4E-08	2.4E-08		
bis(2-Ethylhexyl) phthalate	2.1E-14	2.9E-13	4.0E-13	3.4E-13	9.5E-13	8.1E-06	1.9E-05	1.0E-06	1.0E-06	1.7E-14	1.0E-13
Butyl benzyl phthalate	7.5E-15	1.4E-16	1.9E-16	1.6E-16	4.6E-16	2.6E-07	5.9E-07	3.2E-08	3.2E-08	8.1E-18	5.0E-17
Carbazole				6.0E-16	1.7E-15	7.2E-09	1.7E-08	9.0E-10	9.0E-10	2.9E-17	1.8E-16
Dibenzofuran		6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.1E-07	9.4E-07	5.1E-08	5.1E-08	1.0E-14	6.4E-14
Dimethyl phthalate	2.8E-18					1.4E-08	3.3E-08	1.8E-09	1.8E-09		
Di-n-butyl phthalate	7.2E-14	1.4E-16	1.9E-16	1.6E-16	4.6E-16	3.9E-07	9.1E-07	4.9E-08	4.9E-08	8.1E-18	5.0E-17

Table H-299 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	5.4E-19	4.0E-16	5.6E-16	4.8E-16	1.3E-15	2.8E-08	6.4E-08	3.4E-09	3.4E-09	2.3E-17	1.4E-16
Hexachlorobutadiene	2.9E-16					1.9E-06	4.4E-06	2.4E-07	2.4E-07		
Isopropanol						8.7E-02					
Phenol	6.3E-15					1.3E-05	3.0E-05	1.6E-06	1.6E-06		
Pyridine	3.3E-16					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
TRS											
Total Reduced Sulfur						1.2E-05	2.9E-05	1.6E-06	1.6E-06		
VOCs											
1,1,1,2-Tetrachloroethane	1.2E-19					5.8E-09	1.3E-08	7.2E-10	7.2E-10		
1,1,1-Trichloroethane	7.5E-21					5.7E-09	1.3E-08	7.1E-10	7.1E-10		
1,1-Dichloroethene	2.6E-22					1.1E-09	2.6E-09	1.4E-10	1.4E-10		
1,2,3-Trichlorobenzene	8.0E-18					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2,3-Trichloropropane	4.6E-20					4.6E-09	1.1E-08	5.8E-10	5.8E-10		
1,2,4-Trimethylbenzene						2.7E-07	6.2E-07	3.3E-08	3.3E-08		
1,2-Dibromoethane	1.6E-20					3.0E-09	6.8E-09	3.7E-10	3.7E-10		
1,2-Dichloroethane	5.0E-19					1.2E-07	2.7E-07	4.3E-05	4.3E-05		
1,3,5-Trimethylbenzene	2.6E-18					2.5E-07	5.8E-07	3.1E-08	3.1E-08		
1,3-Dichloropropane						2.9E-09	6.6E-09	3.6E-10	3.6E-10		
2-Butanone	1.0E-16					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
2-Chlorotoluene						6.3E-08	1.5E-07	7.9E-09	7.9E-09		
2-Hexanone						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
Benzene	8.5E-17					2.7E-03	8.6E-05	4.2E-04	4.2E-04		
Bromobenzene						1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Bromochloromethane						3.8E-09	8.7E-09	4.7E-10	4.7E-10		

Table H-299 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromodichloromethane	1.3E-20					4.1E-09	9.4E-09	5.1E-10	5.1E-10		
Bromomethane	5.7E-20					1.6E-07	3.8E-07	2.0E-08	2.0E-08		
Carbon disulfide	5.4E-20					1.4E-07	3.3E-07	1.8E-08	1.8E-08		
Carbon tetrachloride	5.8E-21					5.6E-03	2.2E-08	6.6E-04	6.6E-04		
Chlorobenzene	2.0E-18					2.1E-07	4.8E-07	2.6E-08	2.6E-08		
Chlorodibromomethane	7.8E-19					1.0E-07	2.3E-07	1.3E-08	1.3E-08		
Chloroethane	1.6E-19					3.9E-07	9.1E-07	4.9E-08	4.9E-08		
Chloroform	1.2E-19					1.9E-03	1.9E-07	1.0E-04	1.0E-04		
Chloromethane	4.2E-19					1.3E-06	3.1E-06	1.7E-07	1.7E-07		
cis-1,2-Dichloroethene	1.6E-19					1.7E-07	3.9E-07	2.1E-08	2.1E-08		
cis-1,3-Dichloropropene						1.0E-09	2.4E-09	1.3E-10	1.3E-10		
Dibromomethane	1.8E-20					8.7E-09	2.0E-08	1.1E-09	1.1E-09		
Dichlorodifluoromethane	2.0E-22					1.1E-08	2.5E-08	1.3E-09	1.3E-09		
Ethylbenzene	6.4E-17					1.6E-03	1.9E-05	1.0E-06	1.0E-06		
Isopropylbenzene	8.4E-20					6.8E-07	1.6E-06	8.4E-08	8.4E-08		
m&p-Xylene	1.0E-17					1.6E-06	3.6E-06	2.0E-07	2.0E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19					1.5E-08	3.5E-08	1.9E-09	1.9E-09		
Methylene chloride	1.1E-18					7.7E-07	1.8E-06	9.7E-08	9.7E-08		
n-Butylbenzene						3.3E-07	7.7E-07	4.2E-08	4.2E-08		
n-Propylbenzene						4.0E-07	9.3E-07	5.0E-08	5.0E-08		
o-Xylene	1.2E-17					9.8E-07	2.3E-06	1.2E-07	1.2E-07		
p-Chlorotoluene						2.4E-08	5.5E-08	3.0E-09	3.0E-09		
p-Isopropyltoluene						1.6E-07	3.8E-07	2.1E-08	2.1E-08		
sec-Butylbenzene						6.1E-08	1.4E-07	7.6E-09	7.6E-09		

Table H-299 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Styrene	4.0E-16					2.2E-05	5.1E-05	2.7E-06	2.7E-06		
tert-Butylbenzene						2.0E-06	4.5E-06	2.4E-07	2.4E-07		
Tetrachloroethene	2.8E-20					5.2E-09	1.2E-08	6.5E-10	6.5E-10		
Toluene	6.7E-17					1.4E-05	3.1E-05	1.7E-06	1.7E-06		
trans-1,2-Dichloroethene	2.5E-18					3.6E-06	8.4E-06	4.5E-07	4.5E-07		
trans-1,3-Dichloropropene						1.8E-09	4.2E-09	2.3E-10	2.3E-10		
Trichloroethene	2.9E-22					4.3E-04	7.2E-10	3.9E-11	3.9E-11		
Trichlorofluoromethane	4.5E-22					3.7E-09	8.6E-09	4.7E-10	4.7E-10		
Vinyl chloride	2.1E-20					6.0E-04	4.9E-07	2.7E-08	2.7E-08		

Table H-300 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					6.2E-07	2.7E-02	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19	
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19	
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18	
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19	
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19	
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19	
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20	
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19	
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19	

Table H-300 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.1E-02	1.9E-02					5.3E-07	2.1E-06
Antimony	1.6E-17			2.6E-07	1.7E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.3E-11	1.8E-11
Arsenic	8.1E-16	6.0E-07	1.8E-07	1.4E-06	8.6E-07	5.9E-10	1.4E-09	7.4E-11	7.4E-11	1.2E-10	1.6E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				3.1E-05	6.4E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.5E-09	6.9E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				2.5E-02	4.3E-02					1.2E-06	4.7E-06
Lead	6.9E-18			9.0E-05	1.4E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	4.4E-09	1.6E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				9.8E-07	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	1.9E-06	1.2E-05
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18

Table H-300 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.8E-04	1.3E-03	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.9E-08	1.4E-07
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Thallium (Soluble Salts)				2.7E-07						1.3E-11	
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	9.0E-08	2.8E-12	8.1E-08	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	1.2E-09	7.6E-09
Benzo(a)pyrene	3.1E-12	8.5E-08	1.3E-07	7.7E-08	2.4E-07	1.2E-09	2.7E-09	1.5E-10	1.5E-10	3.8E-12	2.6E-11
Benzo(b)fluoranthene	8.3E-13	1.3E-07	1.2E-07	1.2E-07	2.2E-07	1.3E-09	3.0E-09	1.6E-10	1.6E-10	5.9E-12	2.3E-11
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	7.1E-08	1.1E-13	6.4E-08	2.0E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.1E-12	2.2E-17

Table H-300 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	1.1E-07	3.8E-12	1.0E-07	7.0E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	5.0E-12	7.5E-16
Dibenze(a,h)anthracene	1.6E-13	2.0E-08	4.8E-13	1.8E-08	8.7E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	8.8E-13	9.4E-17
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	5.7E-08	1.3E-12	5.1E-08	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	2.5E-12	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16

Table H-300 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				9.0E-08	2.8E-07					2.9E-09	1.8E-08
Dieldrin		4.7E-10		5.6E-10						2.7E-14	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
1,4-Dioxane						1.3E-04					
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18

Table H-300 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						2.0E-03					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					6.4E-05	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		

Table H-300 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.3E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					4.3E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					3.7E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		

Table H-300 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					1.0E-05	1.7E-11	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					1.4E-05	1.1E-08	6.2E-10	6.2E-10		

Table H-301 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.6E-05	1.3E-03	4.5E-06	4.3E-04		
Aldehydes											
Acetaldehyde	3.9E-15					6.2E-05	2.2E-03	7.8E-06	7.4E-04		
Formaldehyde	1.9E-14					2.6E-05	8.7E-04	3.3E-06	2.9E-04		
Propionaldehyde				9.6E-17	3.1E-15	6.8E-06	2.5E-04	8.5E-07	8.2E-05	7.2E-13	5.1E-11
CO											
Carbon monoxide						1.9E-03	7.1E-02	2.4E-04	2.4E-02		
CO2											
Carbon dioxide						6.0E-05	2.1E-03	7.5E-06	7.2E-04		
Criteria											
Sulfur Dioxide						1.6E-05	5.2E-04	2.0E-06	1.7E-04		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	5.3E-20	5.3E-17	1.0E-15	2.1E-16	7.9E-15	3.6E-11	1.4E-09	4.5E-12	4.8E-10	1.0E-17	8.5E-16
1,2,3,4,6,7,8-HpCDF	5.1E-20	5.4E-17	1.0E-15	2.1E-16	7.9E-15	3.7E-11	1.5E-09	4.6E-12	4.9E-10	1.0E-17	8.5E-16
1,2,3,4,7,8,9-HpCDF	7.8E-21	6.2E-18	1.2E-16	2.4E-17	9.5E-16	4.7E-12	1.9E-10	5.8E-13	6.3E-11	1.2E-18	1.0E-16
1,2,3,4,7,8-HxCDD	6.0E-20	6.1E-18	1.2E-16	2.4E-17	9.2E-16	4.4E-12	1.8E-10	5.4E-13	5.9E-11	1.2E-18	9.9E-17
1,2,3,4,7,8-HxCDF	4.1E-19	4.8E-17	9.2E-16	1.9E-16	7.3E-15	3.5E-11	1.4E-09	4.4E-12	4.8E-10	9.3E-18	7.9E-16
1,2,3,6,7,8-HxCDD	1.1E-19	1.2E-17	2.4E-16	4.9E-17	1.9E-15	9.2E-12	3.7E-10	1.1E-12	1.2E-10	2.4E-18	2.0E-16
1,2,3,6,7,8-HxCDF	1.5E-19	1.6E-17	3.1E-16	6.2E-17	2.4E-15	1.1E-11	4.7E-10	1.4E-12	1.6E-10	3.0E-18	2.6E-16
1,2,3,7,8,9-HxCDD	1.7E-19	1.9E-17	3.7E-16	7.7E-17	3.0E-15	1.4E-11	5.6E-10	1.7E-12	1.9E-10	3.8E-18	3.2E-16
1,2,3,7,8,9-HxCDF	1.2E-20	1.1E-18	2.2E-17	4.4E-18	1.7E-16	8.8E-13	3.6E-11	1.1E-13	1.2E-11	2.2E-19	1.9E-17
1,2,3,7,8-PeCDD	3.2E-19	6.8E-18	1.3E-16	2.7E-17	1.1E-15	5.5E-12	2.3E-10	6.9E-13	7.5E-11	1.3E-18	1.1E-16
1,2,3,7,8-PeCDF	4.4E-19	8.0E-18	1.6E-16	3.2E-17	1.2E-15	7.9E-12	3.2E-10	9.9E-13	1.1E-10	1.6E-18	1.3E-16

Table H-301 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	2.2E-19	2.5E-17	4.6E-16	9.7E-17	3.7E-15	1.8E-11	7.1E-10	2.2E-12	2.4E-10	4.7E-18	3.9E-16
2,3,4,7,8-PeCDF	7.0E-19	1.9E-17	3.8E-16	7.6E-17	3.0E-15	1.8E-11	7.2E-10	2.2E-12	2.4E-10	3.7E-18	3.2E-16
2,3,7,8-TCDD	1.1E-19	1.4E-18	2.0E-17	5.5E-18	1.6E-16	2.2E-12	7.4E-11	2.8E-13	2.5E-11	1.9E-16	1.2E-14
2,3,7,8-TCDF	3.4E-19	2.5E-18	5.0E-17	1.0E-17	4.0E-16	8.2E-12	3.4E-10	1.0E-12	1.1E-10	4.9E-19	4.3E-17
OCDD	7.1E-22	3.6E-17	6.6E-16	1.4E-16	5.2E-15	2.4E-11	9.5E-10	3.0E-12	3.2E-10	7.0E-18	5.6E-16
OCDF	2.6E-22	1.4E-17	2.5E-16	5.5E-17	2.0E-15	9.1E-12	3.5E-10	1.1E-12	1.2E-10	2.7E-18	2.1E-16
HCN											
Hydrogen cyanide						6.8E-06	2.6E-04	8.5E-07	8.8E-05		
Metals											
Aluminum				4.6E-04						2.3E-05	
Antimony	6.7E-19			1.1E-08		4.5E-07	1.1E-05	5.6E-08	3.7E-06	5.4E-10	
Arsenic	3.5E-17	2.6E-08	2.1E-18	6.1E-08	9.8E-18	2.5E-08	9.0E-07	3.2E-09	3.0E-07	4.9E-09	1.8E-18
Barium	9.3E-14			1.2E-10	4.0E-09	5.4E-06	1.5E-04	6.7E-07	4.8E-05	5.7E-12	4.4E-10
Beryllium	1.4E-18			4.5E-17	1.7E-15	1.8E-09	6.2E-08	2.3E-10	2.1E-08	2.2E-18	1.8E-16
Cadmium	3.6E-16			3.5E-17	1.3E-15	3.2E-08	1.1E-06	4.1E-09	3.8E-07	1.7E-18	1.4E-16
Chromium	1.0E-16			3.0E-12	1.2E-10	2.8E-07	9.9E-06	3.5E-08	3.3E-06	1.5E-13	1.3E-11
Cobalt				1.3E-06	3.8E-10	4.2E-07	7.7E-06	5.3E-08	2.6E-06	6.6E-08	4.0E-11
Copper				1.2E-11	4.7E-10	7.6E-07	2.6E-05	9.5E-08	8.7E-06	6.1E-13	5.1E-11
Iron				1.1E-03						5.3E-05	
Lead	3.0E-19			3.9E-06	1.6E-13	2.6E-07	8.4E-06	3.2E-08	2.8E-06	1.9E-07	1.8E-14
Manganese				3.4E-14	1.3E-12	2.3E-07	8.1E-06	2.9E-08	2.7E-06	1.7E-15	1.4E-13
Mercury (+2)				1.4E-15	4.2E-14	1.0E-09	3.6E-08	1.3E-10	1.2E-08	6.7E-17	4.6E-15
Mercury, elemental				4.2E-08		4.2E-12	1.5E-10	5.3E-13	4.9E-11	8.1E-05	
Methyl Mercury	3.6E-16			8.2E-17	3.2E-15					4.0E-18	3.4E-16

Table H-301 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Nickel	1.4E-16			2.5E-05	6.6E-15	1.5E-07	5.1E-06	1.9E-08	1.7E-06	1.2E-06	7.2E-16
Phosphorus				3.2E-16	1.2E-14	1.1E-06	3.7E-05	1.4E-07	1.2E-05	3.1E-12	2.5E-10
Selenium	1.2E-17			1.7E-18	6.6E-17	7.5E-09	2.6E-07	9.3E-10	8.7E-08	8.5E-20	7.2E-18
Silver	8.6E-18			3.2E-14	1.2E-12	4.9E-09	1.6E-07	6.1E-10	5.3E-08	1.6E-15	1.3E-13
Thallium (Soluble Salts)				1.1E-08						5.6E-10	
Titanium				3.4E-16	1.4E-14	2.6E-09	9.8E-08	3.3E-10	3.3E-08	1.7E-17	1.5E-15
Zinc	1.8E-13			7.9E-15	2.8E-13	5.9E-06	1.7E-04	7.3E-07	5.6E-05	3.9E-16	3.0E-14
NOx											
NOx (Oxides of Nitrogen)						6.7E-05	2.2E-03	8.4E-06	7.5E-04		
PAHs											
1-Methylnaphthalene		1.0E-17	2.1E-16	9.3E-18	3.8E-16	1.4E-06	5.9E-05	1.8E-07	2.0E-05	1.1E-14	9.5E-13
1-Methylphenanthrene				6.2E-15	2.6E-13	1.7E-07	7.1E-06	2.1E-08	2.4E-06	3.0E-16	2.8E-14
2,3,5-Trimethylnaphthalene				2.9E-15	1.3E-13	8.4E-08	3.6E-06	1.0E-08	1.2E-06	1.4E-16	1.4E-14
2,6-Dimethylnaphthalene				8.0E-15	3.4E-13	2.2E-07	9.3E-06	2.8E-08	3.1E-06	3.9E-16	3.6E-14
2-Methylnaphthalene		9.9E-18	2.0E-16	9.0E-18	3.7E-16	1.4E-06	5.7E-05	1.7E-07	1.9E-05	1.0E-14	9.3E-13
Acenaphthylene				2.6E-14	1.1E-12	8.1E-07	3.4E-05	1.0E-07	1.1E-05	1.3E-15	1.2E-13
Acenapthene	1.5E-16					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Anthracene	1.8E-15					2.6E-07	1.1E-05	3.2E-08	3.7E-06		
Benzo(a)anthracene	2.6E-13	3.8E-09	1.7E-12	3.5E-09	3.1E-12	1.3E-07	5.5E-06	1.6E-08	1.8E-06	5.3E-08	1.0E-10
Benzo(a)pyrene	1.3E-13	3.6E-09	7.3E-13	3.3E-09	1.3E-12	5.0E-08	2.1E-06	6.3E-09	7.0E-07	1.6E-10	1.4E-13
Benzo(b)fluoranthene	3.6E-14	5.6E-09	3.9E-14	5.1E-09	7.2E-14	5.6E-08	2.3E-06	7.0E-09	7.6E-07	2.5E-10	7.7E-15
Benzo(e)pyrene				1.5E-15	5.7E-14	4.3E-08	1.8E-06	5.4E-09	5.8E-07	7.2E-17	6.2E-15
Benzo(g,h,i)perylene				1.1E-15	4.4E-14	3.3E-08	1.4E-06	4.1E-09	4.5E-07	5.3E-17	4.7E-15
Benzo(k)fluoranthene	2.9E-16	3.0E-09	2.4E-14	2.8E-09	4.3E-14	5.0E-10	8.9E-09	6.2E-11	3.0E-09	1.3E-10	4.6E-15

Table H-301 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				1.4E-16	6.0E-15	4.8E-06	2.0E-04	6.0E-07	6.7E-05	8.4E-14	7.7E-12
Chrysene	4.6E-14	4.8E-09	2.1E-12	4.4E-09	3.8E-12	2.2E-07	9.1E-06	2.7E-08	3.0E-06	2.2E-10	4.1E-13
Dibenze(a,h)anthracene	6.6E-15	8.5E-10	2.6E-13	7.7E-10	4.7E-13	8.0E-09	3.3E-07	9.9E-10	1.1E-07	3.8E-11	5.0E-14
Fluoranthene	1.2E-14	2.7E-15	5.5E-14	2.5E-15	1.0E-13	3.2E-07	1.3E-05	4.0E-08	4.4E-06	1.2E-16	1.1E-14
Fluorene	2.6E-15					8.0E-07	3.4E-05	1.0E-07	1.1E-05		
Indeno(1,2,3-cd)pyrene	1.7E-14	2.4E-09	7.1E-13	2.2E-09	1.3E-12	2.6E-08	1.1E-06	3.3E-09	3.6E-07	1.1E-10	1.4E-13
Napthalene	1.2E-15					6.4E-06	2.7E-04	8.0E-07	8.8E-05		
Perylene				5.6E-16	2.6E-14	2.0E-08	8.7E-07	2.5E-09	2.9E-07	2.8E-17	2.8E-15
Phenanthrene	1.3E-14					1.5E-06	6.2E-05	1.9E-07	2.1E-05		
Pyrene	8.7E-15	9.2E-15	1.9E-13	8.3E-15	3.4E-13	3.1E-07	1.3E-05	3.9E-08	4.3E-06	2.3E-13	2.1E-11
Particulate											
Particulate Total Suspended Particulate				1.3E-10	5.2E-09	1.0E-03	3.9E-02	1.3E-04	1.3E-02	6.3E-12	5.6E-10
PM<10				1.6E-10	6.8E-09	1.3E-03	5.2E-02	1.7E-04	1.7E-02	8.0E-12	7.3E-10
PM<2.5				1.4E-10	5.7E-09	1.1E-03	4.5E-02	1.4E-04	1.5E-02	6.7E-12	6.2E-10
PCBs											
Dichlorobiphenyl	2.6E-16	2.5E-17	4.9E-16	2.1E-17	8.3E-16	4.0E-09	1.6E-07	5.0E-10	5.4E-08	1.9E-15	1.7E-13
Heptachlorobiphenyl	9.8E-18	2.9E-18	5.5E-17	2.4E-18	9.4E-17	5.4E-11	2.2E-09	6.8E-12	7.3E-10	1.2E-16	1.0E-14
Hexachlorobiphenyl	4.0E-17	1.3E-17	2.3E-16	1.1E-17	3.9E-16	2.3E-10	8.9E-09	2.9E-11	3.0E-09	5.6E-16	4.4E-14
Monochlorobiphenyl	1.8E-15	1.7E-16	3.4E-15	1.4E-16	5.8E-15	2.8E-08	1.1E-06	3.5E-09	3.8E-07	1.4E-14	1.2E-12
Nonachlorobiphenyl	1.2E-18	5.1E-19	7.9E-18	4.3E-19	1.3E-17	7.7E-12	2.7E-10	9.6E-13	9.1E-11	2.2E-17	1.5E-15
Octachlorobiphenyl	2.9E-18	9.3E-19	1.7E-17	7.8E-19	2.9E-17	1.7E-11	6.5E-10	2.1E-12	2.2E-10	4.0E-17	3.2E-15
Pentachlorobiphenyl	1.3E-16	4.7E-17	8.0E-16	3.9E-17	1.3E-15	7.8E-10	3.0E-08	9.8E-11	9.9E-09	2.0E-15	1.5E-13
Tetrachlorobiphenyl	7.8E-17	9.4E-18	1.6E-16	8.0E-18	2.7E-16	1.3E-09	4.8E-08	1.6E-10	1.6E-08	7.4E-16	5.5E-14
Trichlorobiphenyl	1.0E-16	1.1E-17	2.0E-16	9.6E-18	3.4E-16	1.6E-09	6.3E-08	2.0E-10	2.1E-08	8.9E-16	7.0E-14

Table H-301 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				3.9E-09						1.2E-07	
Dieldrin		2.0E-11		2.4E-11						1.2E-12	
SVOCs											
1,2,4-trichlorobenzene						1.2E-08	3.7E-07	1.4E-09	1.2E-07		
1,2-dichlorobenzene	1.2E-19					4.7E-09	8.3E-08	5.8E-10	2.8E-08		
1,3-dichlorobenzene	3.0E-19					7.0E-09	2.4E-07	8.7E-10	7.9E-08		
1,4-dichlorobenzene	4.0E-18					6.5E-08	2.9E-06	8.1E-09	9.7E-07		
1,4-Dioxane						5.5E-03					
2,4-Dimethylphenol	1.1E-16					1.0E-06	4.1E-05	1.3E-07	1.4E-05		
2-Chlorophenol	5.5E-18					2.0E-07	8.8E-06	2.5E-08	2.9E-06		
2-Methylphenol	2.3E-15					2.4E-06	1.0E-04	3.0E-07	3.3E-05		
2-Nitrophenol	1.4E-17					3.2E-07	1.3E-05	4.0E-08	4.5E-06		
3-Methylphenol & 4-Methylphenol				1.6E-13	6.6E-12	4.3E-06	1.8E-04	5.4E-07	6.0E-05	7.7E-15	7.1E-13
4-Nitrophenol	2.8E-17					5.4E-07	2.1E-05	6.7E-08	6.9E-06		
Acetophenone	1.7E-16					5.1E-06	2.1E-04	6.4E-07	7.0E-05		
Benzoic acid	6.8E-16					2.3E-05	9.6E-04	2.9E-06	3.2E-04		
Benzyl alcohol	4.2E-19					1.9E-07	5.8E-06	2.4E-08	1.9E-06		
bis(2-Ethylhexyl) phthalate	2.1E-14	2.9E-13	5.2E-12	3.4E-13	1.2E-11	8.1E-06	3.2E-04	1.0E-06	1.1E-04	1.7E-14	1.3E-12
Butyl benzyl phthalate	7.5E-15	1.4E-16	2.8E-15	1.6E-16	6.7E-15	2.6E-07	1.1E-05	3.2E-08	3.5E-06	8.1E-18	7.3E-16
Carbazole				6.0E-16	1.1E-14	7.2E-09	1.3E-07	9.0E-10	4.3E-08	2.9E-17	1.2E-15
Dibenzofuran		6.2E-18	1.2E-16	2.4E-17	9.7E-16	4.1E-07	1.7E-05	5.1E-08	5.6E-06	1.0E-14	9.1E-13
Dimethyl phthalate	2.8E-18					1.4E-08	2.5E-07	1.8E-09	8.5E-08		
Di-n-butyl phthalate	7.2E-14	1.4E-16	2.9E-15	1.6E-16	6.8E-15	3.9E-07	1.6E-05	4.9E-08	5.4E-06	8.1E-18	7.3E-16

Table H-301 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	5.4E-19	4.0E-16	3.7E-15	4.8E-16	8.8E-15	2.8E-08	4.9E-07	3.4E-09	1.6E-07	2.3E-17	9.5E-16
Hexachlorobutadiene	2.9E-16					1.9E-06	3.4E-05	2.4E-07	1.1E-05		
Isopropanol						8.7E-02					
Phenol	6.3E-15					1.3E-05	5.3E-04	1.6E-06	1.8E-04		
Pyridine	3.3E-16					1.2E-06	5.1E-05	1.5E-07	1.7E-05		
TRS											
Total Reduced Sulfur						1.2E-05	5.4E-04	1.6E-06	1.8E-04		
VOCs											
1,1,1,2-Tetrachloroethane	1.2E-19					5.8E-09	2.0E-07	7.2E-10	6.5E-08		
1,1,1-Trichloroethane	7.5E-21					5.7E-09	2.1E-07	7.1E-10	7.1E-08		
1,1-Dichloroethene	2.6E-22					1.1E-09	2.0E-08	1.4E-10	6.6E-09		
1,2,3-Trichlorobenzene	8.0E-18					2.3E-08	8.5E-07	2.9E-09	2.8E-07		
1,2,3-Trichloropropane	4.6E-20					4.6E-09	8.3E-08	5.8E-10	2.8E-08		
1,2,4-Trimethylbenzene						2.7E-07	8.5E-06	3.3E-08	2.8E-06		
1,2-Dibromoethane	1.6E-20					3.0E-09	5.3E-08	3.7E-10	1.8E-08		
1,2-Dichloroethane	5.0E-19					1.2E-07	4.5E-06	4.3E-05	1.5E-06		
1,3,5-Trimethylbenzene	2.6E-18					2.5E-07	7.5E-06	3.1E-08	2.5E-06		
1,3-Dichloropropane						2.9E-09	5.1E-08	3.6E-10	1.7E-08		
2-Butanone	1.0E-16					1.4E-06	5.6E-05	1.8E-07	1.9E-05		
2-Chlorotoluene						6.3E-08	2.6E-06	7.9E-09	8.7E-07		
2-Hexanone						2.9E-07	1.1E-05	3.6E-08	3.5E-06		
Benzene	8.5E-17					2.7E-03	1.5E-03	4.2E-04	4.9E-04		
Bromobenzene						1.6E-06	2.8E-05	2.0E-07	9.5E-06		
Bromochloromethane						3.8E-09	6.7E-08	4.7E-10	2.2E-08		

Table H-301 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	1.3E-20					4.1E-09	7.3E-08	5.1E-10	2.4E-08		
Bromomethane	5.7E-20					1.6E-07	4.9E-06	2.0E-08	1.6E-06		
Carbon disulfide	5.4E-20					1.4E-07	4.2E-06	1.8E-08	1.4E-06		
Carbon tetrachloride	5.8E-21					5.6E-03	1.7E-07	6.6E-04	5.6E-08		
Chlorobenzene	2.0E-18					2.1E-07	7.4E-06	2.6E-08	2.5E-06		
Chlorodibromomethane	7.8E-19					1.0E-07	1.8E-06	1.3E-08	6.0E-07		
Chloroethane	1.6E-19					3.9E-07	1.4E-05	4.9E-08	4.5E-06		
Chloroform	1.2E-19					1.9E-03	1.6E-06	1.0E-04	5.5E-07		
Chloromethane	4.2E-19					1.3E-06	4.0E-05	1.7E-07	1.3E-05		
cis-1,2-Dichloroethene	1.6E-19					1.7E-07	3.0E-06	2.1E-08	1.0E-06		
cis-1,3-Dichloropropene						1.0E-09	1.9E-08	1.3E-10	6.2E-09		
Dibromomethane	1.8E-20					8.7E-09	1.6E-07	1.1E-09	5.2E-08		
Dichlorodifluoromethane	2.0E-22					1.1E-08	1.9E-07	1.3E-09	6.3E-08		
Ethylbenzene	6.4E-17					1.6E-03	3.2E-04	1.0E-06	1.1E-04		
Isopropylbenzene	8.4E-20					6.8E-07	2.3E-05	8.4E-08	7.7E-06		
m&p-Xylene	1.0E-17					1.6E-06	5.3E-05	2.0E-07	1.8E-05		
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19					1.5E-08	2.7E-07	1.9E-09	9.1E-08		
Methylene chloride	1.1E-18					7.7E-07	2.8E-05	9.7E-08	9.5E-06		
n-Butylbenzene						3.3E-07	9.9E-06	4.2E-08	3.3E-06		
n-Propylbenzene						4.0E-07	1.3E-05	5.0E-08	4.4E-06		
o-Xylene	1.2E-17					9.8E-07	3.3E-05	1.2E-07	1.1E-05		
p-Chlorotoluene						2.4E-08	7.2E-07	3.0E-09	2.4E-07		
p-Isopropyltoluene						1.6E-07	3.9E-06	2.1E-08	1.3E-06		
sec-Butylbenzene						6.1E-08	1.9E-06	7.6E-09	6.2E-07		

Table H-301 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Styrene	4.0E-16					2.2E-05	8.0E-04	2.7E-06	2.7E-04		
tert-Butylbenzene						2.0E-06	3.5E-05	2.4E-07	1.2E-05		
Tetrachloroethene	2.8E-20					5.2E-09	1.8E-07	6.5E-10	6.0E-08		
Toluene	6.7E-17					1.4E-05	5.3E-04	1.7E-06	1.8E-04		
trans-1,2-Dichloroethene	2.5E-18					3.6E-06	6.5E-05	4.5E-07	2.2E-05		
trans-1,3-Dichloropropene						1.8E-09	3.2E-08	2.3E-10	1.1E-08		
Trichloroethene	2.9E-22					4.3E-04	5.6E-09	3.9E-11	1.9E-09		
Trichlorofluoromethane	4.5E-22					3.7E-09	6.7E-08	4.7E-10	2.2E-08		
Vinyl chloride	2.1E-20					6.0E-04	5.2E-06	2.7E-08	1.7E-06		

Table H-302 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	3.0E-05	1.0E-07	9.9E-06		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	5.2E-05	1.8E-07	1.7E-05		
Formaldehyde	4.5E-13					6.2E-07	2.0E-05	7.7E-08	6.8E-06		
Propionaldehyde				2.2E-15	7.2E-14	1.6E-07	5.8E-06	2.0E-08	1.9E-06	1.7E-14	1.2E-12
CO											
Carbon monoxide						4.5E-05	1.7E-03	5.6E-06	5.6E-04		
CO2											
Carbon dioxide						1.4E-06	5.0E-05	1.8E-07	1.7E-05		
Criteria											
Sulfur Dioxide						3.8E-07	1.2E-05	4.7E-08	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	4.0E-14	8.5E-15	3.2E-13	8.5E-13	3.4E-11	1.1E-13	1.1E-11	4.2E-19	3.4E-17
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	4.1E-14	8.6E-15	3.2E-13	8.6E-13	3.4E-11	1.1E-13	1.1E-11	4.2E-19	3.5E-17
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	4.9E-15	9.9E-16	3.9E-14	1.1E-13	4.4E-12	1.4E-14	1.5E-12	4.8E-20	4.2E-18
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	4.7E-15	9.7E-16	3.7E-14	1.0E-13	4.1E-12	1.3E-14	1.4E-12	4.7E-20	4.0E-18
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	3.8E-14	7.7E-15	3.0E-13	8.3E-13	3.3E-11	1.0E-13	1.1E-11	3.8E-19	3.2E-17
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	9.7E-15	2.0E-15	7.7E-14	2.1E-13	8.7E-12	2.7E-14	2.9E-12	9.7E-20	8.3E-18
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	1.2E-14	2.5E-15	9.8E-14	2.7E-13	1.1E-11	3.4E-14	3.6E-12	1.2E-19	1.1E-17
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.5E-14	3.1E-15	1.2E-13	3.2E-13	1.3E-11	4.1E-14	4.4E-12	1.5E-19	1.3E-17
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	8.9E-16	1.8E-16	7.1E-15	2.1E-14	8.4E-13	2.6E-15	2.8E-13	8.8E-21	7.6E-19
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	5.4E-15	1.1E-15	4.3E-14	1.3E-13	5.3E-12	1.6E-14	1.8E-12	5.4E-20	4.6E-18
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	6.4E-15	1.3E-15	5.1E-14	1.8E-13	7.5E-12	2.3E-14	2.5E-12	6.3E-20	5.5E-18

Table H-302 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.9E-14	3.9E-15	1.5E-13	4.2E-13	1.7E-11	5.2E-14	5.6E-12	1.9E-19	1.6E-17
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.5E-14	3.1E-15	1.2E-13	4.1E-13	1.7E-11	5.2E-14	5.6E-12	1.5E-19	1.3E-17
2,3,7,8-TCDD	2.7E-18	5.5E-17	8.0E-16	2.2E-16	6.3E-15	5.2E-14	1.7E-12	6.5E-15	5.8E-13	7.4E-18	4.7E-16
2,3,7,8-TCDF	8.2E-18	1.0E-16	2.0E-15	4.0E-16	1.6E-14	1.9E-13	7.8E-12	2.4E-14	2.6E-12	2.0E-20	1.7E-18
OCDD	2.5E-20	1.5E-15	2.7E-14	5.8E-15	2.1E-13	5.6E-13	2.2E-11	7.0E-14	7.4E-12	2.8E-19	2.3E-17
OCDF	9.3E-21	5.7E-16	1.0E-14	2.2E-15	8.0E-14	2.1E-13	8.2E-12	2.6E-14	2.7E-12	1.1E-19	8.6E-18
HCN											
Hydrogen cyanide						1.6E-07	6.2E-06	2.0E-08	2.1E-06		
Metals											
Aluminum				1.1E-02						5.3E-07	
Antimony	1.6E-17			2.6E-07		1.0E-08	2.6E-07	1.3E-09	8.6E-08	1.3E-11	
Arsenic	8.1E-16	6.0E-07	4.8E-17	1.4E-06	2.3E-16	5.9E-10	2.1E-08	7.4E-11	7.0E-09	1.2E-10	4.1E-20
Barium	2.7E-12			4.4E-09	1.5E-07	1.3E-07	3.4E-06	1.6E-08	1.1E-06	2.1E-13	1.6E-11
Beryllium	3.3E-17			1.0E-15	3.9E-14	4.3E-11	1.5E-09	5.4E-12	4.8E-10	5.1E-20	4.3E-18
Cadmium	8.3E-15			8.2E-16	3.1E-14	7.6E-10	2.6E-08	9.5E-11	8.8E-09	4.0E-20	3.4E-18
Chromium	2.8E-15			9.6E-11	3.7E-09	6.5E-09	2.3E-07	8.1E-10	7.7E-08	4.7E-15	4.0E-13
Cobalt				3.1E-05	1.4E-08	9.8E-09	1.8E-07	1.2E-09	6.0E-08	1.5E-09	1.5E-12
Copper				4.5E-10	1.7E-08	1.8E-08	6.1E-07	2.2E-09	2.0E-07	2.2E-14	1.8E-12
Iron				2.5E-02						1.2E-06	
Lead	6.9E-18			9.0E-05	3.8E-12	6.0E-09	2.0E-07	7.5E-10	6.5E-08	4.4E-09	4.1E-16
Manganese				8.0E-13	3.1E-11	5.5E-09	1.9E-07	6.8E-10	6.3E-08	3.9E-17	3.3E-15
Mercury (+2)				6.4E-14	2.0E-12	2.4E-11	8.3E-10	2.9E-12	2.8E-10	3.1E-18	2.1E-16
Mercury, elemental				9.8E-07		9.8E-14	3.5E-12	1.2E-14	1.2E-12	1.9E-06	
Methyl Mercury	1.3E-14			3.8E-15	1.5E-13					1.9E-19	1.6E-17

Table H-302 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.8E-04	1.6E-13	3.5E-09	1.2E-07	4.3E-10	4.0E-08	2.9E-08	1.7E-17
Phosphorus				7.5E-15	2.8E-13	2.6E-08	8.6E-07	3.3E-09	2.9E-07	7.2E-14	5.9E-12
Selenium	2.8E-16			4.0E-17	1.6E-15	1.7E-10	6.1E-09	2.2E-11	2.0E-09	2.0E-21	1.7E-19
Silver	2.1E-16			8.5E-13	3.2E-11	1.1E-10	3.7E-09	1.4E-11	1.2E-09	4.2E-17	3.4E-15
Thallium (Soluble Salts)				2.7E-07						1.3E-11	
Titanium				8.0E-15	3.2E-13	6.1E-11	2.3E-09	7.6E-12	7.6E-10	3.9E-19	3.5E-17
Zinc	4.1E-12			1.8E-13	6.5E-12	1.4E-07	3.9E-06	1.7E-08	1.3E-06	9.0E-18	7.0E-16
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	5.2E-05	2.0E-07	1.7E-05		
PAHs											
1-Methylnaphthalene		2.4E-16	4.9E-15	2.2E-16	8.9E-15	3.3E-08	1.4E-06	4.1E-09	4.6E-07	2.5E-16	2.2E-14
1-Methylphenanthrene				1.5E-13	6.0E-12	3.9E-09	1.7E-07	4.9E-10	5.5E-08	7.1E-18	6.5E-16
2,3,5-Trimethylnaphthalene				6.8E-14	3.0E-12	1.9E-09	8.4E-08	2.4E-10	2.8E-08	3.3E-18	3.2E-16
2,6-Dimethylnaphthalene				1.9E-13	7.9E-12	5.1E-09	2.2E-07	6.4E-10	7.3E-08	9.1E-18	8.5E-16
2-Methylnaphthalene		2.3E-16	4.7E-15	2.1E-16	8.6E-15	3.2E-08	1.3E-06	4.0E-09	4.4E-07	2.4E-16	2.2E-14
Acenaphthylene				6.0E-13	2.5E-11	1.9E-08	8.0E-07	2.4E-09	2.7E-07	2.9E-17	2.7E-15
Acenaphthene	3.4E-15					3.5E-09	1.4E-07	4.3E-10	4.8E-08		
Anthracene	4.3E-14					6.1E-09	2.6E-07	7.6E-10	8.6E-08		
Benzo(a)anthracene	6.2E-12	9.0E-08	4.4E-11	8.1E-08	8.0E-11	3.0E-09	1.3E-07	3.7E-10	4.3E-08	1.2E-09	2.7E-12
Benzo(a)pyrene	3.1E-12	8.5E-08	1.8E-11	7.7E-08	3.3E-11	1.2E-09	4.9E-08	1.5E-10	1.6E-08	3.8E-12	3.6E-15
Benzo(b)fluoranthene	8.3E-13	1.3E-07	1.0E-12	1.2E-07	1.8E-12	1.3E-09	5.3E-08	1.6E-10	1.8E-08	5.9E-12	2.0E-16
Benzo(e)pyrene				3.4E-14	1.3E-12	1.0E-09	4.1E-08	1.3E-10	1.4E-08	1.7E-18	1.4E-16
Benzo(g,h,i)perylene				2.5E-14	1.0E-12	7.7E-10	3.2E-08	9.6E-11	1.1E-08	1.2E-18	1.1E-16
Benzo(k)fluoranthene	7.9E-15	7.1E-08	7.3E-13	6.4E-08	1.3E-12	1.2E-11	2.1E-10	1.5E-12	6.9E-11	3.1E-12	1.4E-16

Table H-302 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	1.4E-13	1.1E-07	4.7E-06	1.4E-08	1.6E-06	2.0E-15	1.8E-13
Chrysene	1.1E-12	1.1E-07	5.6E-11	1.0E-07	1.0E-10	5.1E-09	2.1E-07	6.4E-10	7.1E-08	5.0E-12	1.1E-14
Dibenze(a,h)anthracene	1.6E-13	2.0E-08	6.8E-12	1.8E-08	1.2E-11	1.9E-10	7.6E-09	2.3E-11	2.5E-09	8.8E-13	1.3E-15
Fluoranthene	2.8E-13	6.8E-14	1.4E-12	6.1E-14	2.5E-12	7.5E-09	3.1E-07	9.4E-10	1.0E-07	3.0E-18	2.7E-16
Fluorene	6.1E-14					1.9E-08	7.9E-07	2.3E-09	2.6E-07		
Indeno(1,2,3-cd)pyrene	4.0E-13	5.7E-08	1.8E-11	5.1E-08	3.3E-11	6.2E-10	2.5E-08	7.7E-11	8.5E-09	2.5E-12	3.6E-15
Napthalene	2.8E-14					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Perylene				1.3E-14	6.2E-13	4.6E-10	2.0E-08	5.8E-11	6.8E-09	6.5E-19	6.6E-17
Phenanthrene	2.9E-13					3.5E-08	1.5E-06	4.4E-09	4.8E-07		
Pyrene	2.0E-13	2.8E-13	5.7E-12	2.5E-13	1.0E-11	7.3E-09	3.0E-07	9.1E-10	1.0E-07	7.1E-15	6.4E-13
Particulate											
Particulate Total Suspended Particulate				3.0E-09	1.2E-07	2.3E-05	9.0E-04	2.9E-06	3.0E-04	1.5E-13	1.3E-11
PM<10				3.8E-09	1.6E-07	3.1E-05	1.2E-03	3.9E-06	4.0E-04	1.9E-13	1.7E-11
PM<2.5				3.2E-09	1.3E-07	2.6E-05	1.0E-03	3.3E-06	3.5E-04	1.6E-13	1.4E-11
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	2.0E-14	8.3E-16	3.3E-14	9.3E-11	3.8E-09	1.2E-11	1.3E-09	7.8E-17	6.8E-15
Heptachlorobiphenyl	2.3E-16	1.2E-16	2.2E-15	9.8E-17	3.8E-15	1.3E-12	5.1E-11	1.6E-13	1.7E-11	5.0E-18	4.2E-16
Hexachlorobiphenyl	9.4E-16	5.2E-16	9.4E-15	4.4E-16	1.6E-14	5.3E-12	2.1E-10	6.7E-13	6.9E-11	2.3E-17	1.8E-15
Monochlorobiphenyl	4.3E-14	6.9E-15	1.4E-13	5.8E-15	2.3E-13	6.5E-10	2.7E-08	8.1E-11	8.9E-09	5.4E-16	4.7E-14
Nonachlorobiphenyl	2.9E-17	2.0E-17	3.2E-16	1.7E-17	5.4E-16	1.8E-13	6.4E-12	2.2E-14	2.1E-12	8.8E-19	6.0E-17
Octachlorobiphenyl	6.9E-17	3.8E-17	6.9E-16	3.2E-17	1.2E-15	3.9E-13	1.5E-11	4.9E-14	5.1E-12	1.6E-18	1.3E-16
Pentachlorobiphenyl	3.1E-15	1.9E-15	3.2E-14	1.6E-15	5.5E-14	1.8E-11	6.9E-10	2.3E-12	2.3E-10	8.1E-17	6.1E-15
Tetrachlorobiphenyl	1.8E-15	3.8E-16	6.4E-15	3.2E-16	1.1E-14	3.0E-11	1.1E-09	3.8E-12	3.8E-10	3.0E-17	2.2E-15
Trichlorobiphenyl	2.4E-15	4.5E-16	8.1E-15	3.8E-16	1.4E-14	3.8E-11	1.5E-09	4.8E-12	4.9E-10	3.6E-17	2.8E-15

Table H-302 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				9.0E-08						2.9E-09	
Dieldrin		4.7E-10		5.6E-10						2.7E-14	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	8.7E-09	3.4E-11	2.9E-09		
1,2-dichlorobenzene	2.8E-18					1.1E-10	1.9E-09	1.4E-11	6.5E-10		
1,3-dichlorobenzene	6.9E-18					1.6E-10	5.5E-09	2.0E-11	1.8E-09		
1,4-dichlorobenzene	9.2E-17					1.5E-09	6.8E-08	1.9E-10	2.3E-08		
1,4-Dioxane						1.3E-04					
2,4-Dimethylphenol	2.5E-15					2.4E-08	9.5E-07	3.0E-09	3.2E-07		
2-Chlorophenol	1.3E-16					4.7E-09	2.1E-07	5.9E-10	6.9E-08		
2-Methylphenol	5.3E-14					5.6E-08	2.3E-06	7.0E-09	7.8E-07		
2-Nitrophenol	3.2E-16					7.6E-09	3.1E-07	9.4E-10	1.0E-07		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.5E-10	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.8E-16	1.7E-14
4-Nitrophenol	6.5E-16					1.3E-08	4.8E-07	1.6E-09	1.6E-07		
Acetophenone	3.9E-15					1.2E-07	4.9E-06	1.5E-08	1.6E-06		
Benzoic acid	1.6E-14					5.4E-07	2.2E-05	6.7E-08	7.5E-06		
Benzyl alcohol	9.8E-18					4.5E-09	1.4E-07	5.6E-10	4.5E-08		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	1.2E-10	8.0E-12	2.9E-10	1.9E-07	7.4E-06	2.4E-08	2.5E-06	3.9E-16	3.1E-14
Butyl benzyl phthalate	1.8E-13	3.3E-15	6.6E-14	3.8E-15	1.6E-13	6.0E-09	2.5E-07	7.5E-10	8.3E-08	1.9E-19	1.7E-17
Carbazole				1.4E-14	2.6E-13	1.7E-10	3.0E-09	2.1E-11	1.0E-09	6.9E-19	2.8E-17
Dibenzofuran		1.4E-16	2.9E-15	5.7E-16	2.3E-14	9.5E-09	3.9E-07	1.2E-09	1.3E-07	2.4E-16	2.1E-14
Dimethyl phthalate	6.5E-17					3.3E-10	5.9E-09	4.2E-11	2.0E-09		
Di-n-butyl phthalate	1.7E-12	3.3E-15	6.7E-14	3.9E-15	1.6E-13	9.2E-09	3.8E-07	1.1E-09	1.3E-07	1.9E-19	1.7E-17

Table H-302 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	8.7E-14	1.1E-14	2.1E-13	6.4E-10	1.1E-08	8.0E-11	3.8E-09	5.5E-19	2.2E-17
Hexachlorobutadiene	6.7E-15					4.4E-08	7.9E-07	5.5E-09	2.6E-07		
Isopropanol						2.0E-03					
Phenol	1.5E-13					3.0E-07	1.2E-05	3.8E-08	4.2E-06		
Pyridine	7.7E-15					2.9E-08	1.2E-06	3.6E-09	4.0E-07		
TRS											
Total Reduced Sulfur						2.9E-07	1.3E-05	3.6E-08	4.2E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	4.6E-09	1.7E-11	1.5E-09		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	5.0E-09	1.7E-11	1.7E-09		
1,1-Dichloroethene	6.0E-21					2.6E-11	4.6E-10	3.2E-12	1.5E-10		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	2.0E-08	6.7E-11	6.6E-09		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	1.9E-09	1.4E-11	6.4E-10		
1,2,4-Trimethylbenzene						6.2E-09	2.0E-07	7.8E-10	6.6E-08		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.2E-09	8.6E-12	4.1E-10		
1,2-Dichloroethane	1.2E-17					2.8E-09	1.0E-07	1.0E-06	3.5E-08		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.7E-07	7.3E-10	5.8E-08		
1,3-Dichloropropane						6.7E-11	1.2E-09	8.4E-12	4.0E-10		
2-Butanone	2.4E-15					3.3E-08	1.3E-06	4.1E-09	4.4E-07		
2-Chlorotoluene						1.5E-09	6.1E-08	1.8E-10	2.0E-08		
2-Hexanone						6.8E-09	2.5E-07	8.4E-10	8.2E-08		
Benzene	2.0E-15					6.4E-05	3.4E-05	9.7E-06	1.1E-05		
Bromobenzene						3.7E-08	6.6E-07	4.7E-09	2.2E-07		
Bromochloromethane						8.8E-11	1.6E-09	1.1E-11	5.2E-10		

Table H-302 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	3.1E-19					9.5E-11	1.7E-09	1.2E-11	5.7E-10		
Bromomethane	1.3E-18					3.8E-09	1.1E-07	4.8E-10	3.8E-08		
Carbon disulfide	1.3E-18					3.3E-09	9.8E-08	4.2E-10	3.3E-08		
Carbon tetrachloride	1.3E-19					1.3E-04	3.9E-09	1.5E-05	1.3E-09		
Chlorobenzene	4.7E-17					4.8E-09	1.7E-07	6.0E-10	5.7E-08		
Chlorodibromomethane	1.8E-17					2.4E-09	4.2E-08	3.0E-10	1.4E-08		
Chloroethane	3.7E-18					9.1E-09	3.2E-07	1.1E-09	1.1E-07		
Chloroform	2.8E-18					4.3E-05	3.8E-08	2.4E-06	1.3E-08		
Chloromethane	9.8E-18					3.1E-08	9.4E-07	3.9E-09	3.1E-07		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	7.1E-08	5.0E-10	2.4E-08		
cis-1,3-Dichloropropene						2.4E-11	4.3E-10	3.0E-12	1.4E-10		
Dibromomethane	4.2E-19					2.0E-10	3.6E-09	2.5E-11	1.2E-09		
Dichlorodifluoromethane	4.7E-21					2.5E-10	4.4E-09	3.1E-11	1.5E-09		
Ethylbenzene	1.5E-15					3.7E-05	7.4E-06	2.4E-08	2.5E-06		
Isopropylbenzene	2.0E-18					1.6E-08	5.4E-07	2.0E-09	1.8E-07		
m&p-Xylene	2.4E-16					3.6E-08	1.2E-06	4.6E-09	4.1E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	6.4E-09	4.5E-11	2.1E-09		
Methylene chloride	2.6E-17					1.8E-08	6.6E-07	2.3E-09	2.2E-07		
n-Butylbenzene						7.8E-09	2.3E-07	9.7E-10	7.7E-08		
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07		
o-Xylene	2.8E-16					2.3E-08	7.6E-07	2.9E-09	2.5E-07		
p-Chlorotoluene						5.5E-10	1.7E-08	6.9E-11	5.6E-09		
p-Isopropyltoluene						3.8E-09	9.2E-08	4.8E-10	3.1E-08		
sec-Butylbenzene						1.4E-09	4.3E-08	1.8E-10	1.4E-08		

Table H-302 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)
Styrene	9.4E-15					5.1E-07	1.9E-05	6.4E-08	6.2E-06			
tert-Butylbenzene						4.6E-08	8.1E-07	5.7E-09	2.7E-07			
Tetrachloroethene	6.6E-19					1.2E-10	4.2E-09	1.5E-11	1.4E-09			
Toluene	1.6E-15					3.2E-07	1.2E-05	3.9E-08	4.1E-06			
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	1.5E-06	1.1E-08	5.0E-07			
trans-1,3-Dichloropropene						4.2E-11	7.5E-10	5.3E-12	2.5E-10			
Trichloroethene	6.8E-21					1.0E-05	1.3E-10	9.1E-13	4.3E-11			
Trichlorofluoromethane	1.0E-20					8.7E-11	1.6E-09	1.1E-11	5.2E-10			
Vinyl chloride	4.8E-19					1.4E-05	1.2E-07	6.2E-10	4.0E-08			

Table H-303 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			3.6E-05	4.5E-06	
Aldehydes					
Acetaldehyde			6.2E-05	7.8E-06	
Formaldehyde			2.1E-01	3.3E-06	
Propionaldehyde		9.6E-17	6.8E-06	8.5E-07	7.2E-13
CO					
Carbon monoxide			1.9E-03	2.4E-04	
CO2					
Carbon dioxide			6.0E-05	7.5E-06	
Criteria					
Sulfur Dioxide			1.6E-05	2.0E-06	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	5.3E-17	2.1E-16	3.6E-11	4.5E-12	1.0E-17
1,2,3,4,6,7,8-HpCDF	5.4E-17	2.1E-16	3.7E-11	4.6E-12	1.0E-17
1,2,3,4,7,8,9-HpCDF	6.2E-18	2.4E-17	4.7E-12	5.8E-13	1.2E-18
1,2,3,4,7,8-HxCDD	6.1E-18	2.4E-17	4.4E-12	5.4E-13	1.2E-18
1,2,3,4,7,8-HxCDF	4.8E-17	1.9E-16	3.5E-11	4.4E-12	9.3E-18
1,2,3,6,7,8-HxCDD	1.2E-17	4.9E-17	9.2E-12	1.1E-12	2.4E-18
1,2,3,6,7,8-HxCDF	1.6E-17	6.2E-17	1.1E-11	1.4E-12	3.0E-18
1,2,3,7,8,9-HxCDD	1.9E-17	7.7E-17	1.4E-11	1.7E-12	3.8E-18
1,2,3,7,8,9-HxCDF	1.1E-18	4.4E-18	8.8E-13	1.1E-13	2.2E-19

Table H-303 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	6.8E-18	2.7E-17	5.5E-12	6.9E-13	1.3E-18
1,2,3,7,8-PeCDF	8.0E-18	3.2E-17	7.9E-12	9.9E-13	1.6E-18
2,3,4,6,7,8-HxCDF	2.5E-17	9.7E-17	1.8E-11	2.2E-12	4.7E-18
2,3,4,7,8-PeCDF	1.9E-17	7.6E-17	1.8E-11	2.2E-12	3.7E-18
2,3,7,8-TCDD	1.4E-18	5.5E-18	2.2E-12	2.8E-13	1.9E-16
2,3,7,8-TCDF	2.5E-18	1.0E-17	8.2E-12	1.0E-12	4.9E-19
OCDD	3.6E-17	1.4E-16	2.4E-11	3.0E-12	7.0E-18
OCDF	1.4E-17	5.5E-17	9.1E-12	1.1E-12	2.7E-18
HCN					
Hydrogen cyanide			6.8E-06	8.5E-07	
Metals					
Aluminum		5.0E-04			2.4E-05
Antimony		3.3E-08	4.5E-07	5.6E-08	1.6E-09
Arsenic	1.2E-07	2.8E-07	2.5E-08	3.2E-09	2.2E-08
Barium		1.2E-10	5.4E-06	6.7E-07	5.7E-12
Beryllium		4.5E-17	1.8E-09	2.3E-10	2.2E-18
Cadmium		3.5E-17	3.2E-08	4.1E-09	1.7E-18
Chromium		3.0E-12	2.8E-07	3.5E-08	1.5E-13
Cobalt		1.4E-06	4.2E-07	5.3E-08	6.8E-08
Copper		1.2E-11	7.6E-07	9.5E-08	6.1E-13
Iron		1.2E-03			5.8E-05
Lead		4.8E-06	2.6E-07	3.2E-08	2.3E-07

Table H-303 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		3.4E-14	2.3E-07	2.9E-08	1.7E-15
Mercury (+2)		1.4E-15	1.0E-09	1.3E-10	6.7E-17
Mercury, elemental		1.2E-09	4.2E-12	5.3E-13	2.2E-06
Methyl Mercury		8.2E-17			4.0E-18
Nickel		2.4E-05	1.5E-07	1.9E-08	1.2E-06
Phosphorus		3.2E-16	1.1E-06	1.4E-07	3.1E-12
Selenium		1.7E-18	7.5E-09	9.3E-10	8.5E-20
Silver		3.2E-14	4.9E-09	6.1E-10	1.6E-15
Thallium (Soluble Salts)		3.5E-09			1.7E-10
Titanium		3.4E-16	2.6E-09	3.3E-10	1.7E-17
Zinc		7.9E-15	5.9E-06	7.3E-07	3.9E-16
NOx					
NOx (Oxides of Nitrogen)			6.7E-05	8.4E-06	
PAHs					
1-Methylnaphthalene	1.0E-17	9.3E-18	1.4E-06	1.8E-07	1.1E-14
1-Methylphenanthrene		6.2E-15	1.7E-07	2.1E-08	3.0E-16
2,3,5-Trimethylnaphthalene		2.9E-15	8.4E-08	1.0E-08	1.4E-16
2,6-Dimethylnaphthalene		8.0E-15	2.2E-07	2.8E-08	3.9E-16
2-Methylnaphthalene	9.9E-18	9.0E-18	1.4E-06	1.7E-07	1.0E-14
Acenaphthylene		2.6E-14	8.1E-07	1.0E-07	1.3E-15
Acenaphthene			1.5E-07	1.9E-08	
Anthracene			2.6E-07	3.2E-08	

Table H-303 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)anthracene	7.1E-09	6.4E-09	1.3E-07	1.6E-08	9.7E-08
Benzo(a)pyrene	7.3E-09	6.6E-09	5.0E-08	6.3E-09	3.2E-10
Benzo(b)fluoranthene	1.3E-08	1.2E-08	5.6E-08	7.0E-09	5.8E-10
Benzo(e)pyrene		1.5E-15	4.3E-08	5.4E-09	7.2E-17
Benzo(g,h,i)perylene		1.1E-15	3.3E-08	4.1E-09	5.3E-17
Benzo(k)fluoranthene	5.2E-09	4.8E-09	5.0E-10	6.2E-11	2.3E-10
Biphenyl		1.4E-16	4.8E-06	6.0E-07	8.4E-14
Chrysene	1.0E-08	9.2E-09	2.2E-07	2.7E-08	4.5E-10
Dibenzo(a,h)anthracene	1.3E-14	1.2E-14	8.0E-09	9.9E-10	5.7E-16
Fluoranthene	2.7E-15	2.5E-15	3.2E-07	4.0E-08	1.2E-16
Fluorene			8.0E-07	1.0E-07	
Indeno(1,2,3-cd)pyrene	4.0E-09	3.7E-09	2.6E-08	3.3E-09	1.8E-10
Napthalene			6.4E-06	8.0E-07	
Perylene		5.6E-16	2.0E-08	2.5E-09	2.8E-17
Phenanthrene			1.5E-06	1.9E-07	
Pyrene	9.2E-15	8.3E-15	3.1E-07	3.9E-08	2.3E-13
Particulate					
Particulate Total Suspended Particulate		1.3E-10	1.0E-03	1.3E-04	6.3E-12
PM<10		1.6E-10	1.3E-03	1.7E-04	8.0E-12
PM<2.5		1.4E-10	1.1E-03	1.4E-04	6.7E-12
PCBs					
Dichlorobiphenyl	2.5E-17	2.1E-17	4.0E-09	5.0E-10	1.9E-15

Table H-303 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Heptachlorobiphenyl	2.9E-18	2.4E-18	5.4E-11	6.8E-12	1.2E-16
Hexachlorobiphenyl	1.3E-17	1.1E-17	2.3E-10	2.9E-11	5.6E-16
Monochlorobiphenyl	1.7E-16	1.4E-16	2.8E-08	3.5E-09	1.4E-14
Nonachlorobiphenyl	5.1E-19	4.3E-19	7.7E-12	9.6E-13	2.2E-17
Octachlorobiphenyl	9.3E-19	7.8E-19	1.7E-11	2.1E-12	4.0E-17
Pentachlorobiphenyl	4.7E-17	3.9E-17	7.8E-10	9.8E-11	2.0E-15
Tetrachlorobiphenyl	9.4E-18	8.0E-18	1.3E-09	1.6E-10	7.4E-16
Trichlorobiphenyl	1.1E-17	9.6E-18	1.6E-09	2.0E-10	8.9E-16
Pesticides					
DDE		2.9E-07			9.3E-06
Dieldrin	1.1E-09	1.4E-09			6.7E-11
SVOCs					
1,2,4-trichlorobenzene			1.2E-08	1.4E-09	
1,2-dichlorobenzene			4.7E-09	5.8E-10	
1,3-dichlorobenzene			7.0E-09	8.7E-10	
1,4-dichlorobenzene			6.5E-08	8.1E-09	
2,4-Dimethylphenol			1.0E-06	1.3E-07	
2-Chlorophenol			2.0E-07	2.5E-08	
2-Methylphenol			2.4E-06	3.0E-07	
2-Nitrophenol			3.2E-07	4.0E-08	
3-Methylphenol & 4-Methylphenol		1.6E-13	4.3E-06	5.4E-07	7.7E-15
4-Nitrophenol			5.4E-07	6.7E-08	

Table H-303 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			5.1E-06	6.4E-07	
Benzoic acid			2.3E-05	2.9E-06	
Benzyl alcohol			1.9E-07	2.4E-08	
bis(2-Ethylhexyl) phthalate	2.9E-13	3.4E-13	8.1E-06	1.0E-06	1.7E-14
Butyl benzyl phthalate	1.4E-16	1.6E-16	2.6E-07	3.2E-08	8.1E-18
Carbazole		6.0E-16	7.2E-09	9.0E-10	2.9E-17
Dibenzofuran	6.2E-18	2.4E-17	4.1E-07	5.1E-08	1.0E-14
Dimethyl phthalate			1.4E-08	1.8E-09	
Di-n-butyl phthalate	1.4E-16	1.6E-16	3.9E-07	4.9E-08	8.1E-18
Di-n-octyl phthalate	4.0E-16	4.8E-16	2.8E-08	3.4E-09	2.3E-17
Hexachlorobutadiene			1.9E-06	2.4E-07	
Isopropanol			2.5E-01		
Phenol			1.3E-05	1.6E-06	
Pyridine			1.2E-06	1.5E-07	
TRS					
Total Reduced Sulfur			1.2E-05	1.6E-06	
VOCs					
1,1,1,2-Tetrachloroethane			5.8E-09	7.2E-10	
1,1,1-Trichloroethane			5.7E-09	7.1E-10	
1,1-Dichloroethene			1.1E-09	1.4E-10	
1,2,3-Trichlorobenzene			2.3E-08	2.9E-09	
1,2,3-Trichloropropane			4.6E-09	5.8E-10	

Table H-303 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			2.7E-07	3.3E-08	
1,2-Dibromoethane			3.0E-09	3.7E-10	
1,2-Dichloroethane			9.8E-04	4.3E-05	
1,3,5-Trimethylbenzene			2.5E-07	3.1E-08	
1,3-Dichloropropane			2.9E-09	3.6E-10	
2-Butanone			1.4E-06	1.8E-07	
2-Chlorotoluene			6.3E-08	7.9E-09	
2-Hexanone			2.9E-07	3.6E-08	
Benzene			3.5E-02	4.2E-04	
Bromobenzene			1.6E-06	2.0E-07	
Bromochloromethane			3.8E-09	4.7E-10	
Bromodichloromethane			4.1E-09	5.1E-10	
Bromomethane			1.6E-07	2.0E-08	
Carbon disulfide			1.4E-07	1.8E-08	
Carbon tetrachloride			6.7E-03	6.6E-04	
Chlorobenzene			2.1E-07	2.6E-08	
Chlorodibromomethane			1.0E-07	1.3E-08	
Chloroethane			3.9E-07	4.9E-08	
Chloroform			1.6E-03	1.0E-04	
Chloromethane			1.3E-06	1.7E-07	
cis-1,2-Dichloroethene			1.7E-07	2.1E-08	
cis-1,3-Dichloropropene			1.0E-09	1.3E-10	

Table H-303 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			8.7E-09	1.1E-09	
Dichlorodifluoromethane			1.1E-08	1.3E-09	
Ethylbenzene			9.2E-03	1.0E-06	
Isopropylbenzene			6.8E-07	8.4E-08	
m&p-Xylene			1.6E-06	2.0E-07	
Methyl Isobutyl Ketone (4-methyl-2-penta			1.5E-08	1.9E-09	
Methylene chloride			7.7E-07	9.7E-08	
n-Butylbenzene			3.3E-07	4.2E-08	
n-Propylbenzene			4.0E-07	5.0E-08	
o-Xylene			9.8E-07	1.2E-07	
p-Chlorotoluene			2.4E-08	3.0E-09	
p-Isopropyltoluene			1.6E-07	2.1E-08	
sec-Butylbenzene			6.1E-08	7.6E-09	
Styrene			2.2E-05	2.7E-06	
tert-Butylbenzene			2.0E-06	2.4E-07	
Tetrachloroethene			5.2E-09	6.5E-10	
Toluene			1.4E-05	1.7E-06	
trans-1,2-Dichloroethene			3.6E-06	4.5E-07	
trans-1,3-Dichloropropene			1.8E-09	2.3E-10	
Trichloroethene			2.2E-04	3.9E-11	
Trichlorofluoromethane			3.7E-09	4.7E-10	
Vinyl chloride			2.1E-07	2.7E-08	

Table H-304 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			8.4E-07	1.0E-07	
Aldehydes					
Acetaldehyde			1.4E-06	1.8E-07	
Formaldehyde			4.8E-03	7.7E-08	
Propionaldehyde		2.2E-15	1.6E-07	2.0E-08	1.7E-14
CO					
Carbon monoxide			4.5E-05	5.6E-06	
CO2					
Carbon dioxide			1.4E-06	1.8E-07	
Criteria					
Sulfur Dioxide			3.8E-07	4.7E-08	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	2.2E-15	8.5E-15	8.5E-13	1.1E-13	4.2E-19
1,2,3,4,6,7,8-HpCDF	2.2E-15	8.6E-15	8.6E-13	1.1E-13	4.2E-19
1,2,3,4,7,8,9-HpCDF	2.5E-16	9.9E-16	1.1E-13	1.4E-14	4.8E-20
1,2,3,4,7,8-HxCDD	2.5E-16	9.7E-16	1.0E-13	1.3E-14	4.7E-20
1,2,3,4,7,8-HxCDF	2.0E-15	7.7E-15	8.3E-13	1.0E-13	3.8E-19
1,2,3,6,7,8-HxCDD	5.0E-16	2.0E-15	2.1E-13	2.7E-14	9.7E-20
1,2,3,6,7,8-HxCDF	6.4E-16	2.5E-15	2.7E-13	3.4E-14	1.2E-19
1,2,3,7,8,9-HxCDD	7.9E-16	3.1E-15	3.2E-13	4.1E-14	1.5E-19
1,2,3,7,8,9-HxCDF	4.6E-17	1.8E-16	2.1E-14	2.6E-15	8.8E-21

Table H-304 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	2.8E-16	1.1E-15	1.3E-13	1.6E-14	5.4E-20
1,2,3,7,8-PeCDF	3.3E-16	1.3E-15	1.8E-13	2.3E-14	6.3E-20
2,3,4,6,7,8-HxCDF	1.0E-15	3.9E-15	4.2E-13	5.2E-14	1.9E-19
2,3,4,7,8-PeCDF	7.8E-16	3.1E-15	4.1E-13	5.2E-14	1.5E-19
2,3,7,8-TCDD	5.5E-17	2.2E-16	5.2E-14	6.5E-15	7.4E-18
2,3,7,8-TCDF	1.0E-16	4.0E-16	1.9E-13	2.4E-14	2.0E-20
OCDD	1.5E-15	5.8E-15	5.6E-13	7.0E-14	2.8E-19
OCDF	5.7E-16	2.2E-15	2.1E-13	2.6E-14	1.1E-19
HCN					
Hydrogen cyanide			1.6E-07	2.0E-08	
Metals					
Aluminum		1.2E-02			5.7E-07
Antimony		7.7E-07	1.0E-08	1.3E-09	3.8E-11
Arsenic	2.7E-06	6.4E-06	5.9E-10	7.4E-11	5.2E-10
Barium		4.4E-09	1.3E-07	1.6E-08	2.1E-13
Beryllium		1.0E-15	4.3E-11	5.4E-12	5.1E-20
Cadmium		8.2E-16	7.6E-10	9.5E-11	4.0E-20
Chromium		9.6E-11	6.5E-09	8.1E-10	4.7E-15
Cobalt		3.3E-05	9.8E-09	1.2E-09	1.6E-09
Copper		4.5E-10	1.8E-08	2.2E-09	2.2E-14
Iron		2.7E-02			1.3E-06
Lead		1.1E-04	6.0E-09	7.5E-10	5.5E-09

Table H-304 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		8.0E-13	5.5E-09	6.8E-10	3.9E-17
Mercury (+2)		6.4E-14	2.4E-11	2.9E-12	3.1E-18
Mercury, elemental		2.7E-08	9.8E-14	1.2E-14	5.2E-08
Methyl Mercury		3.8E-15			1.9E-19
Nickel		5.6E-04	3.5E-09	4.3E-10	2.7E-08
Phosphorus		7.5E-15	2.6E-08	3.3E-09	7.2E-14
Selenium		4.0E-17	1.7E-10	2.2E-11	2.0E-21
Silver		8.5E-13	1.1E-10	1.4E-11	4.2E-17
Thallium (Soluble Salts)		8.1E-08			4.0E-12
Titanium		8.0E-15	6.1E-11	7.6E-12	3.9E-19
Zinc		1.8E-13	1.4E-07	1.7E-08	9.0E-18
NOx					
NOx (Oxides of Nitrogen)			1.6E-06	2.0E-07	
PAHs					
1-Methylnaphthalene	2.4E-16	2.2E-16	3.3E-08	4.1E-09	2.5E-16
1-Methylphenanthrene		1.5E-13	3.9E-09	4.9E-10	7.1E-18
2,3,5-Trimethylnaphthalene		6.8E-14	1.9E-09	2.4E-10	3.3E-18
2,6-Dimethylnaphthalene		1.9E-13	5.1E-09	6.4E-10	9.1E-18
2-Methylnaphthalene	2.3E-16	2.1E-16	3.2E-08	4.0E-09	2.4E-16
Acenaphthylene		6.0E-13	1.9E-08	2.4E-09	2.9E-17
Acenaphthene			3.5E-09	4.3E-10	
Anthracene			6.1E-09	7.6E-10	

Table H-304 (Average Daily Dose)

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Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)anthracene	1.6E-07	1.5E-07	3.0E-09	3.7E-10	2.3E-09
Benzo(a)pyrene	1.7E-07	1.5E-07	1.2E-09	1.5E-10	7.6E-12
Benzo(b)fluoranthene	3.0E-07	2.7E-07	1.3E-09	1.6E-10	1.3E-11
Benzo(e)pyrene		3.4E-14	1.0E-09	1.3E-10	1.7E-18
Benzo(g,h,i)perylene		2.5E-14	7.7E-10	9.6E-11	1.2E-18
Benzo(k)fluoranthene	1.2E-07	1.1E-07	1.2E-11	1.5E-12	5.5E-12
Biphenyl		3.3E-15	1.1E-07	1.4E-08	2.0E-15
Chrysene	2.4E-07	2.1E-07	5.1E-09	6.4E-10	1.0E-11
Dibenzo(a,h)anthracene	3.4E-13	3.1E-13	1.9E-10	2.3E-11	1.5E-17
Fluoranthene	6.8E-14	6.1E-14	7.5E-09	9.4E-10	3.0E-18
Fluorene			1.9E-08	2.3E-09	
Indeno(1,2,3-cd)pyrene	9.4E-08	8.6E-08	6.2E-10	7.7E-11	4.2E-12
Napthalene			1.5E-07	1.9E-08	
Perylene		1.3E-14	4.6E-10	5.8E-11	6.5E-19
Phenanthrene			3.5E-08	4.4E-09	
Pyrene	2.8E-13	2.5E-13	7.3E-09	9.1E-10	7.1E-15
Particulate					
Particulate Total Suspended Particulate		3.0E-09	2.3E-05	2.9E-06	1.5E-13
PM<10		3.8E-09	3.1E-05	3.9E-06	1.9E-13
PM<2.5		3.2E-09	2.6E-05	3.3E-06	1.6E-13
PCBs					
Dichlorobiphenyl	9.9E-16	8.3E-16	9.3E-11	1.2E-11	7.8E-17

Table H-304 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Heptachlorobiphenyl	1.2E-16	9.8E-17	1.3E-12	1.6E-13	5.0E-18
Hexachlorobiphenyl	5.2E-16	4.4E-16	5.3E-12	6.7E-13	2.3E-17
Monochlorobiphenyl	6.9E-15	5.8E-15	6.5E-10	8.1E-11	5.4E-16
Nonachlorobiphenyl	2.0E-17	1.7E-17	1.8E-13	2.2E-14	8.8E-19
Octachlorobiphenyl	3.8E-17	3.2E-17	3.9E-13	4.9E-14	1.6E-18
Pentachlorobiphenyl	1.9E-15	1.6E-15	1.8E-11	2.3E-12	8.1E-17
Tetrachlorobiphenyl	3.8E-16	3.2E-16	3.0E-11	3.8E-12	3.0E-17
Trichlorobiphenyl	4.5E-16	3.8E-16	3.8E-11	4.8E-12	3.6E-17
Pesticides					
DDE		6.8E-06			2.2E-07
Dieldrin	2.7E-08	3.2E-08			1.6E-12
SVOCs					
1,2,4-trichlorobenzene			2.7E-10	3.4E-11	
1,2-dichlorobenzene			1.1E-10	1.4E-11	
1,3-dichlorobenzene			1.6E-10	2.0E-11	
1,4-dichlorobenzene			1.5E-09	1.9E-10	
2,4-Dimethylphenol			2.4E-08	3.0E-09	
2-Chlorophenol			4.7E-09	5.9E-10	
2-Methylphenol			5.6E-08	7.0E-09	
2-Nitrophenol			7.6E-09	9.4E-10	
3-Methylphenol & 4-Methylphenol		3.7E-12	1.0E-07	1.3E-08	1.8E-16
4-Nitrophenol			1.3E-08	1.6E-09	

Table H-304 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			1.2E-07	1.5E-08	
Benzoic acid			5.4E-07	6.7E-08	
Benzyl alcohol			4.5E-09	5.6E-10	
bis(2-Ethylhexyl) phthalate	6.7E-12	8.0E-12	1.9E-07	2.4E-08	3.9E-16
Butyl benzyl phthalate	3.3E-15	3.8E-15	6.0E-09	7.5E-10	1.9E-19
Carbazole		1.4E-14	1.7E-10	2.1E-11	6.9E-19
Dibenzofuran	1.4E-16	5.7E-16	9.5E-09	1.2E-09	2.4E-16
Dimethyl phthalate			3.3E-10	4.2E-11	
Di-n-butyl phthalate	3.3E-15	3.9E-15	9.2E-09	1.1E-09	1.9E-19
Di-n-octyl phthalate	9.4E-15	1.1E-14	6.4E-10	8.0E-11	5.5E-19
Hexachlorobutadiene			4.4E-08	5.5E-09	
Isopropanol			5.9E-03		
Phenol			3.0E-07	3.8E-08	
Pyridine			2.9E-08	3.6E-09	
TRS					
Total Reduced Sulfur			2.9E-07	3.6E-08	
VOCs					
1,1,1,2-Tetrachloroethane			1.3E-10	1.7E-11	
1,1,1-Trichloroethane			1.3E-10	1.7E-11	
1,1-Dichloroethene			2.6E-11	3.2E-12	
1,2,3-Trichlorobenzene			5.3E-10	6.7E-11	
1,2,3-Trichloropropane			1.1E-10	1.4E-11	

Table H-304 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			6.2E-09	7.8E-10	
1,2-Dibromoethane			6.9E-11	8.6E-12	
1,2-Dichloroethane			2.3E-05	1.0E-06	
1,3,5-Trimethylbenzene			5.9E-09	7.3E-10	
1,3-Dichloropropane			6.7E-11	8.4E-12	
2-Butanone			3.3E-08	4.1E-09	
2-Chlorotoluene			1.5E-09	1.8E-10	
2-Hexanone			6.8E-09	8.4E-10	
Benzene			8.2E-04	9.7E-06	
Bromobenzene			3.7E-08	4.7E-09	
Bromochloromethane			8.8E-11	1.1E-11	
Bromodichloromethane			9.5E-11	1.2E-11	
Bromomethane			3.8E-09	4.8E-10	
Carbon disulfide			3.3E-09	4.2E-10	
Carbon tetrachloride			1.6E-04	1.5E-05	
Chlorobenzene			4.8E-09	6.0E-10	
Chlorodibromomethane			2.4E-09	3.0E-10	
Chloroethane			9.1E-09	1.1E-09	
Chloroform			3.7E-05	2.4E-06	
Chloromethane			3.1E-08	3.9E-09	
cis-1,2-Dichloroethene			4.0E-09	5.0E-10	
cis-1,3-Dichloropropene			2.4E-11	3.0E-12	

Table H-304 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			2.0E-10	2.5E-11	
Dichlorodifluoromethane			2.5E-10	3.1E-11	
Ethylbenzene			2.1E-04	2.4E-08	
Isopropylbenzene			1.6E-08	2.0E-09	
m&p-Xylene			3.6E-08	4.6E-09	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.6E-10	4.5E-11	
Methylene chloride			1.8E-08	2.3E-09	
n-Butylbenzene			7.8E-09	9.7E-10	
n-Propylbenzene			9.4E-09	1.2E-09	
o-Xylene			2.3E-08	2.9E-09	
p-Chlorotoluene			5.5E-10	6.9E-11	
p-Isopropyltoluene			3.8E-09	4.8E-10	
sec-Butylbenzene			1.4E-09	1.8E-10	
Styrene			5.1E-07	6.4E-08	
tert-Butylbenzene			4.6E-08	5.7E-09	
Tetrachloroethene			1.2E-10	1.5E-11	
Toluene			3.2E-07	3.9E-08	
trans-1,2-Dichloroethene			8.4E-08	1.1E-08	
trans-1,3-Dichloropropene			4.2E-11	5.3E-12	
Trichloroethene			5.0E-06	9.1E-13	
Trichlorofluoromethane			8.7E-11	1.1E-11	
Vinyl chloride			5.0E-09	6.2E-10	

Table H-305 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.6E-05	8.3E-05	4.5E-06	4.5E-06		
Aldehydes											
Acetaldehyde	3.9E-15					6.2E-05	1.4E-04	7.8E-06	7.8E-06		
Formaldehyde	1.9E-14					2.1E-01	6.1E-05	3.3E-06	3.3E-06		
Propionaldehyde				9.6E-17	2.7E-16	6.8E-06	1.6E-05	8.5E-07	8.5E-07	7.2E-13	4.4E-12
CO											
Carbon monoxide						1.9E-03	4.4E-03	2.4E-04	2.4E-04		
CO2											
Carbon dioxide						6.0E-05	1.4E-04	7.5E-06	7.5E-06		
Criteria											
Sulfur Dioxide						1.6E-05	3.7E-05	2.0E-06	2.0E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	5.3E-20	5.3E-17	7.4E-17	2.1E-16	5.9E-16	3.6E-11	8.4E-11	4.5E-12	4.5E-12	1.0E-17	6.3E-17
1,2,3,4,6,7,8-HpCDF	5.1E-20	5.4E-17	7.5E-17	2.1E-16	5.9E-16	3.7E-11	8.5E-11	4.6E-12	4.6E-12	1.0E-17	6.4E-17
1,2,3,4,7,8,9-HpCDF	7.8E-21	6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.7E-12	1.1E-11	5.8E-13	5.8E-13	1.2E-18	7.4E-18
1,2,3,4,7,8-HxCDD	6.0E-20	6.1E-18	8.5E-18	2.4E-17	6.7E-17	4.4E-12	1.0E-11	5.4E-13	5.4E-13	1.2E-18	7.2E-18
1,2,3,4,7,8-HxCDF	4.1E-19	4.8E-17	6.7E-17	1.9E-16	5.3E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	9.3E-18	5.7E-17
1,2,3,6,7,8-HxCDD	1.1E-19	1.2E-17	1.7E-17	4.9E-17	1.4E-16	9.2E-12	2.1E-11	1.1E-12	1.1E-12	2.4E-18	1.5E-17
1,2,3,6,7,8-HxCDF	1.5E-19	1.6E-17	2.2E-17	6.2E-17	1.7E-16	1.1E-11	2.7E-11	1.4E-12	1.4E-12	3.0E-18	1.9E-17
1,2,3,7,8,9-HxCDD	1.7E-19	1.9E-17	2.7E-17	7.7E-17	2.1E-16	1.4E-11	3.2E-11	1.7E-12	1.7E-12	3.8E-18	2.3E-17
1,2,3,7,8,9-HxCDF	1.2E-20	1.1E-18	1.6E-18	4.4E-18	1.2E-17	8.8E-13	2.0E-12	1.1E-13	1.1E-13	2.2E-19	1.3E-18
1,2,3,7,8-PeCDD	3.2E-19	6.8E-18	9.6E-18	2.7E-17	7.6E-17	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.3E-18	8.1E-18
1,2,3,7,8-PeCDF	4.4E-19	8.0E-18	1.1E-17	3.2E-17	8.9E-17	7.9E-12	1.8E-11	9.9E-13	9.9E-13	1.6E-18	9.6E-18

Table H-305 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	2.2E-19	2.5E-17	3.4E-17	9.7E-17	2.7E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	4.7E-18	2.9E-17
2,3,4,7,8-PeCDF	7.0E-19	1.9E-17	2.7E-17	7.6E-17	2.1E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	3.7E-18	2.3E-17
2,3,7,8-TCDD	1.1E-19	1.4E-18	1.9E-18	5.5E-18	1.5E-17	2.2E-12	5.1E-12	2.8E-13	2.8E-13	1.9E-16	1.1E-15
2,3,7,8-TCDF	3.4E-19	2.5E-18	3.5E-18	1.0E-17	2.8E-17	8.2E-12	1.9E-11	1.0E-12	1.0E-12	4.9E-19	3.0E-18
OCDD	7.1E-22	3.6E-17	5.0E-17	1.4E-16	4.0E-16	2.4E-11	5.6E-11	3.0E-12	3.0E-12	7.0E-18	4.3E-17
OCDF	2.6E-22	1.4E-17	1.9E-17	5.5E-17	1.5E-16	9.1E-12	2.1E-11	1.1E-12	1.1E-12	2.7E-18	1.7E-17
HCN											
Hydrogen cyanide						6.8E-06	1.6E-05	8.5E-07	8.5E-07		
Metals											
Aluminum				5.0E-04	8.4E-04					2.4E-05	9.1E-05
Antimony	6.7E-19			3.3E-08	6.2E-08	4.5E-07	1.0E-06	5.6E-08	5.6E-08	1.6E-09	6.6E-09
Arsenic	3.5E-17	1.2E-07	9.8E-09	2.8E-07	4.7E-08	2.5E-08	5.9E-08	3.2E-09	3.2E-09	2.2E-08	8.4E-09
Barium	9.3E-14			1.2E-10	3.3E-10	5.4E-06	1.2E-05	6.7E-07	6.7E-07	5.7E-12	3.5E-11
Beryllium	1.4E-18			4.5E-17	1.3E-16	1.8E-09	4.3E-09	2.3E-10	2.3E-10	2.2E-18	1.4E-17
Cadmium	3.6E-16			3.5E-17	9.8E-17	3.2E-08	7.5E-08	4.1E-09	4.1E-09	1.7E-18	1.1E-17
Chromium	1.0E-16			3.0E-12	8.5E-12	2.8E-07	6.4E-07	3.5E-08	3.5E-08	1.5E-13	9.2E-13
Cobalt				1.4E-06	1.6E-06	4.2E-07	9.7E-07	5.3E-08	5.3E-08	6.8E-08	1.7E-07
Copper				1.2E-11	3.5E-11	7.6E-07	1.8E-06	9.5E-08	9.5E-08	6.1E-13	3.8E-12
Iron				1.2E-03	1.6E-03					5.8E-05	1.7E-04
Lead	3.0E-19			4.8E-06	9.8E-06	2.6E-07	5.9E-07	3.2E-08	3.2E-08	2.3E-07	1.1E-06
Manganese				3.4E-14	9.6E-14	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.7E-15	1.0E-14
Mercury (+2)				1.4E-15	3.9E-15	1.0E-09	2.3E-09	1.3E-10	1.3E-10	6.7E-17	4.2E-16
Mercury, elemental				1.2E-09	1.9E-09	4.2E-12	9.7E-12	5.3E-13	5.3E-13	2.2E-06	1.4E-05
Methyl Mercury	3.6E-16			8.2E-17	2.3E-16					4.0E-18	2.5E-17

Table H-305 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	1.4E-16			2.4E-05	3.0E-05	1.5E-07	3.4E-07	1.9E-08	1.9E-08	1.2E-06	3.3E-06
Phosphorus				3.2E-16	9.0E-16	1.1E-06	2.6E-06	1.4E-07	1.4E-07	3.1E-12	1.9E-11
Selenium	1.2E-17			1.7E-18	4.8E-18	7.5E-09	1.7E-08	9.3E-10	9.3E-10	8.5E-20	5.2E-19
Silver	8.6E-18			3.2E-14	8.9E-14	4.9E-09	1.1E-08	6.1E-10	6.1E-10	1.6E-15	9.6E-15
Thallium (Soluble Salts)				3.5E-09	7.2E-09					1.7E-10	7.8E-10
Titanium				3.4E-16	9.6E-16	2.6E-09	6.0E-09	3.3E-10	3.3E-10	1.7E-17	1.0E-16
Zinc	1.8E-13			7.9E-15	2.2E-14	5.9E-06	1.4E-05	7.3E-07	7.3E-07	3.9E-16	2.4E-15
NOx											
NOx (Oxides of Nitrogen)						6.7E-05	1.6E-04	8.4E-06	8.4E-06		
PAHs											
1-Methylnaphthalene		1.0E-17	1.4E-17	9.3E-18	2.6E-17	1.4E-06	3.3E-06	1.8E-07	1.8E-07	1.1E-14	6.5E-14
1-Methylphenanthrene				6.2E-15	1.7E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	3.0E-16	1.9E-15
2,3,5-Trimethylnaphthalene				2.9E-15	8.2E-15	8.4E-08	1.9E-07	1.0E-08	1.0E-08	1.4E-16	8.8E-16
2,6-Dimethylnaphthalene				8.0E-15	2.2E-14	2.2E-07	5.1E-07	2.8E-08	2.8E-08	3.9E-16	2.4E-15
2-Methylnaphthalene		9.9E-18	1.4E-17	9.0E-18	2.5E-17	1.4E-06	3.2E-06	1.7E-07	1.7E-07	1.0E-14	6.4E-14
Acenaphthylene				2.6E-14	7.2E-14	8.1E-07	1.9E-06	1.0E-07	1.0E-07	1.3E-15	7.7E-15
Acenaphthene	1.5E-16					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Anthracene	1.8E-15					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
Benzo(a)anthracene	2.6E-13	7.1E-09	2.2E-08	6.4E-09	4.0E-08	1.3E-07	3.0E-07	1.6E-08	1.6E-08	9.7E-08	6.0E-07
Benzo(a)pyrene	1.3E-13	7.3E-09	2.4E-08	6.6E-09	4.4E-08	5.0E-08	1.2E-07	6.3E-09	6.3E-09	3.2E-10	4.7E-09
Benzo(b)fluoranthene	3.6E-14	1.3E-08	3.4E-08	1.2E-08	6.1E-08	5.6E-08	1.3E-07	7.0E-09	7.0E-09	5.8E-10	6.6E-09
Benzo(e)pyrene				1.5E-15	4.1E-15	4.3E-08	9.9E-08	5.4E-09	5.4E-09	7.2E-17	4.4E-16
Benzo(g,h,i)perylene				1.1E-15	3.0E-15	3.3E-08	7.6E-08	4.1E-09	4.1E-09	5.3E-17	3.2E-16
Benzo(k)fluoranthene	2.9E-16	5.2E-09	1.7E-08	4.8E-09	3.1E-08	5.0E-10	1.2E-09	6.2E-11	6.2E-11	2.3E-10	3.3E-09

Table H-305 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				1.4E-16	4.0E-16	4.8E-06	1.1E-05	6.0E-07	6.0E-07	8.4E-14	5.2E-13
Chrysene	4.6E-14	1.0E-08	2.5E-08	9.2E-09	4.5E-08	2.2E-07	5.1E-07	2.7E-08	2.7E-08	4.5E-10	4.8E-09
Dibenze(a,h)anthracene	6.6E-15	1.3E-14	6.0E-09	1.2E-14	1.1E-08	8.0E-09	1.8E-08	9.9E-10	9.9E-10	5.7E-16	1.2E-09
Fluoranthene	1.2E-14	2.7E-15	3.8E-15	2.5E-15	6.9E-15	3.2E-07	7.4E-07	4.0E-08	4.0E-08	1.2E-16	7.5E-16
Fluorene	2.6E-15					8.0E-07	1.9E-06	1.0E-07	1.0E-07		
Indeno(1,2,3-cd)pyrene	1.7E-14	4.0E-09	1.6E-08	3.7E-09	2.8E-08	2.6E-08	6.1E-08	3.3E-09	3.3E-09	1.8E-10	3.1E-09
Napthalene	1.2E-15					6.4E-06	1.5E-05	8.0E-07	8.0E-07		
Perylene				5.6E-16	1.6E-15	2.0E-08	4.6E-08	2.5E-09	2.5E-09	2.8E-17	1.7E-16
Phenanthrene	1.3E-14					1.5E-06	3.5E-06	1.9E-07	1.9E-07		
Pyrene	8.7E-15	9.2E-15	1.3E-14	8.3E-15	2.3E-14	3.1E-07	7.2E-07	3.9E-08	3.9E-08	2.3E-13	1.4E-12
Particulate											
Particulate Total Suspended Particulate				1.3E-10	3.6E-10	1.0E-03	2.3E-03	1.3E-04	1.3E-04	6.3E-12	3.9E-11
PM<10				1.6E-10	4.6E-10	1.3E-03	3.1E-03	1.7E-04	1.7E-04	8.0E-12	5.0E-11
PM<2.5				1.4E-10	3.8E-10	1.1E-03	2.6E-03	1.4E-04	1.4E-04	6.7E-12	4.1E-11
PCBs											
Dichlorobiphenyl	2.6E-16	2.5E-17	3.5E-17	2.1E-17	5.8E-17	4.0E-09	9.2E-09	5.0E-10	5.0E-10	1.9E-15	1.2E-14
Heptachlorobiphenyl	9.8E-18	2.9E-18	4.0E-18	2.4E-18	6.8E-18	5.4E-11	1.3E-10	6.8E-12	6.8E-12	1.2E-16	7.6E-16
Hexachlorobiphenyl	4.0E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	2.3E-10	5.3E-10	2.9E-11	2.9E-11	5.6E-16	3.4E-15
Monochlorobiphenyl	1.8E-15	1.7E-16	2.4E-16	1.4E-16	4.1E-16	2.8E-08	6.4E-08	3.5E-09	3.5E-09	1.4E-14	8.3E-14
Nonachlorobiphenyl	1.2E-18	5.1E-19	7.1E-19	4.3E-19	1.2E-18	7.7E-12	1.8E-11	9.6E-13	9.6E-13	2.2E-17	1.3E-16
Octachlorobiphenyl	2.9E-18	9.3E-19	1.3E-18	7.8E-19	2.2E-18	1.7E-11	3.8E-11	2.1E-12	2.1E-12	4.0E-17	2.5E-16
Pentachlorobiphenyl	1.3E-16	4.7E-17	6.5E-17	3.9E-17	1.1E-16	7.8E-10	1.8E-09	9.8E-11	9.8E-11	2.0E-15	1.2E-14
Tetrachlorobiphenyl	7.8E-17	9.4E-18	1.3E-17	8.0E-18	2.2E-17	1.3E-09	3.0E-09	1.6E-10	1.6E-10	7.4E-16	4.6E-15
Trichlorobiphenyl	1.0E-16	1.1E-17	1.6E-17	9.6E-18	2.7E-17	1.6E-09	3.8E-09	2.0E-10	2.0E-10	8.9E-16	5.5E-15

Table H-305 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				2.9E-07	9.4E-09					9.3E-06	5.7E-05
Dieldrin		1.1E-09	4.3E-10	1.4E-09	1.0E-09					6.7E-11	1.1E-10
SVOCs											
1,2,4-trichlorobenzene						1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,2-dichlorobenzene	1.2E-19					4.7E-09	1.1E-08	5.8E-10	5.8E-10		
1,3-dichlorobenzene	3.0E-19					7.0E-09	1.6E-08	8.7E-10	8.7E-10		
1,4-dichlorobenzene	4.0E-18					6.5E-08	1.5E-07	8.1E-09	8.1E-09		
2,4-Dimethylphenol	1.1E-16					1.0E-06	2.4E-06	1.3E-07	1.3E-07		
2-Chlorophenol	5.5E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
2-Methylphenol	2.3E-15					2.4E-06	5.5E-06	3.0E-07	3.0E-07		
2-Nitrophenol	1.4E-17					3.2E-07	7.5E-07	4.0E-08	4.0E-08		
3-Methylphenol & 4-Methylphenol				1.6E-13	4.4E-13	4.3E-06	9.9E-06	5.4E-07	5.4E-07	7.7E-15	4.8E-14
4-Nitrophenol	2.8E-17					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Acetophenone	1.7E-16					5.1E-06	1.2E-05	6.4E-07	6.4E-07		
Benzoic acid	6.8E-16					2.3E-05	5.3E-05	2.9E-06	2.9E-06		
Benzyl alcohol	4.2E-19					1.9E-07	4.5E-07	2.4E-08	2.4E-08		
bis(2-Ethylhexyl) phthalate	2.1E-14	2.9E-13	4.0E-13	3.4E-13	9.5E-13	8.1E-06	1.9E-05	1.0E-06	1.0E-06	1.7E-14	1.0E-13
Butyl benzyl phthalate	7.5E-15	1.4E-16	1.9E-16	1.6E-16	4.6E-16	2.6E-07	5.9E-07	3.2E-08	3.2E-08	8.1E-18	5.0E-17
Carbazole				6.0E-16	1.7E-15	7.2E-09	1.7E-08	9.0E-10	9.0E-10	2.9E-17	1.8E-16
Dibenzofuran		6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.1E-07	9.4E-07	5.1E-08	5.1E-08	1.0E-14	6.4E-14
Dimethyl phthalate	2.8E-18					1.4E-08	3.3E-08	1.8E-09	1.8E-09		
Di-n-butyl phthalate	7.2E-14	1.4E-16	1.9E-16	1.6E-16	4.6E-16	3.9E-07	9.1E-07	4.9E-08	4.9E-08	8.1E-18	5.0E-17
Di-n-octyl phthalate	5.4E-19	4.0E-16	5.6E-16	4.8E-16	1.3E-15	2.8E-08	6.4E-08	3.4E-09	3.4E-09	2.3E-17	1.4E-16

Table H-305 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	2.9E-16					1.9E-06	4.4E-06	2.4E-07	2.4E-07		
Isopropanol						2.5E-01	9.7E-02				
p-Chloroaniline			1.4E-08		3.3E-08						3.6E-09
Phenol	6.3E-15					1.3E-05	3.0E-05	1.6E-06	1.6E-06		
Pyridine	3.3E-16					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
TRS											
Total Reduced Sulfur						1.2E-05	2.9E-05	1.6E-06	1.6E-06		
VOCs											
1,1,1,2-Tetrachloroethane	1.2E-19					5.8E-09	1.3E-08	7.2E-10	7.2E-10		
1,1,1-Trichloroethane	7.5E-21					5.7E-09	1.3E-08	7.1E-10	7.1E-10		
1,1-Dichloroethene	2.6E-22					1.1E-09	2.6E-09	1.4E-10	1.4E-10		
1,2,3-Trichlorobenzene	8.0E-18					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2,3-Trichloropropane	4.6E-20					4.6E-09	1.1E-08	5.8E-10	5.8E-10		
1,2,4-Trimethylbenzene						2.7E-07	6.2E-07	3.3E-08	3.3E-08		
1,2-Dibromoethane	1.6E-20					3.0E-09	6.8E-09	3.7E-10	3.7E-10		
1,2-Dichloroethane	5.0E-19					9.8E-04	1.9E-03	4.3E-05	4.3E-05		
1,3,5-Trimethylbenzene	2.6E-18					2.5E-07	5.8E-07	3.1E-08	3.1E-08		
1,3-Dichloropropane						2.9E-09	6.6E-09	3.6E-10	3.6E-10		
2-Butanone	1.0E-16					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
2-Chlorotoluene						6.3E-08	1.5E-07	7.9E-09	7.9E-09		
2-Hexanone						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
Benzene	8.5E-17					3.5E-02	1.2E-02	4.2E-04	4.2E-04		
Bromobenzene						1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Bromochloromethane						3.8E-09	8.7E-09	4.7E-10	4.7E-10		

Table H-305 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Bromodichloromethane	1.3E-20					4.1E-09	1.4E-02	5.1E-10	5.1E-10		
Bromoform							6.6E-02				
Bromomethane	5.7E-20					1.6E-07	3.8E-07	2.0E-08	2.0E-08		
Carbon disulfide	5.4E-20					1.4E-07	3.3E-07	1.8E-08	1.8E-08		
Carbon tetrachloride	5.8E-21					6.7E-03	1.7E-02	6.6E-04	6.6E-04		
Chlorobenzene	2.0E-18					2.1E-07	4.8E-07	2.6E-08	2.6E-08		
Chlorodibromomethane	7.8E-19					1.0E-07	2.3E-07	1.3E-08	1.3E-08		
Chloroethane	1.6E-19					3.9E-07	9.1E-07	4.9E-08	4.9E-08		
Chloroform	1.2E-19					1.6E-03	3.4E-02	1.0E-04	1.0E-04		
Chloromethane	4.2E-19					1.3E-06	3.1E-06	1.7E-07	1.7E-07		
cis-1,2-Dichloroethene	1.6E-19					1.7E-07	3.9E-07	2.1E-08	2.1E-08		
cis-1,3-Dichloropropene						1.0E-09	2.4E-09	1.3E-10	1.3E-10		
Dibromomethane	1.8E-20					8.7E-09	2.0E-08	1.1E-09	1.1E-09		
Dichlorodifluoromethane	2.0E-22					1.1E-08	2.5E-08	1.3E-09	1.3E-09		
Ethylbenzene	6.4E-17					9.2E-03	9.5E-03	1.0E-06	1.0E-06		
Isopropylbenzene	8.4E-20					6.8E-07	1.6E-06	8.4E-08	8.4E-08		
m&p-Xylene	1.0E-17					1.6E-06	3.6E-06	2.0E-07	2.0E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19					1.5E-08	3.5E-08	1.9E-09	1.9E-09		
Methylene chloride	1.1E-18					7.7E-07	1.8E-06	9.7E-08	9.7E-08		
n-Butylbenzene						3.3E-07	7.7E-07	4.2E-08	4.2E-08		
n-Propylbenzene						4.0E-07	9.3E-07	5.0E-08	5.0E-08		
o-Xylene	1.2E-17					9.8E-07	2.3E-06	1.2E-07	1.2E-07		
p-Chlorotoluene						2.4E-08	5.5E-08	3.0E-09	3.0E-09		
p-Isopropyltoluene						1.6E-07	3.8E-07	2.1E-08	2.1E-08		

Table H-305 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
sec-Butylbenzene						6.1E-08	1.4E-07	7.6E-09	7.6E-09		
Styrene	4.0E-16					2.2E-05	5.1E-05	2.7E-06	2.7E-06		
tert-Butylbenzene						2.0E-06	4.5E-06	2.4E-07	2.4E-07		
Tetrachloroethene	2.8E-20					5.2E-09	1.2E-08	6.5E-10	6.5E-10		
Toluene	6.7E-17					1.4E-05	3.1E-05	1.7E-06	1.7E-06		
trans-1,2-Dichloroethene	2.5E-18					3.6E-06	8.4E-06	4.5E-07	4.5E-07		
trans-1,3-Dichloropropene						1.8E-09	4.2E-09	2.3E-10	2.3E-10		
Trichloroethene	2.9E-22					2.2E-04	1.9E-02	3.9E-11	3.9E-11		
Trichlorofluoromethane	4.5E-22					3.7E-09	8.6E-09	4.7E-10	4.7E-10		
Vinyl chloride	2.1E-20					2.1E-07	4.9E-07	2.7E-08	2.7E-08		

Table H-306 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					4.8E-03	1.4E-06	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19

Table H-306 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.2E-02	2.0E-02					5.7E-07	2.1E-06
Antimony	1.6E-17			7.7E-07	1.4E-06	1.0E-08	2.4E-08	1.3E-09	1.3E-09	3.8E-11	1.5E-10
Arsenic	8.1E-16	2.7E-06	2.3E-07	6.4E-06	1.1E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	5.2E-10	2.0E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				3.3E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.6E-09	4.0E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				2.7E-02	3.7E-02					1.3E-06	4.0E-06
Lead	6.9E-18			1.1E-04	2.3E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.5E-09	2.5E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				2.7E-08	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	5.2E-08	3.2E-07
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18

Table H-306 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	7.1E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.7E-08	7.7E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Thallium (Soluble Salts)				8.1E-08	1.7E-07					4.0E-12	1.8E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	1.6E-07	5.1E-07	1.5E-07	9.3E-07	3.0E-09	6.9E-09	3.7E-10	3.7E-10	2.3E-09	1.4E-08
Benzo(a)pyrene	3.1E-12	1.7E-07	5.6E-07	1.5E-07	1.0E-06	1.2E-09	2.7E-09	1.5E-10	1.5E-10	7.6E-12	1.1E-10
Benzo(b)fluoranthene	8.3E-13	3.0E-07	7.9E-07	2.7E-07	1.4E-06	1.3E-09	3.0E-09	1.6E-10	1.6E-10	1.3E-11	1.5E-10
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	1.2E-07	4.0E-07	1.1E-07	7.2E-07	1.2E-11	2.7E-11	1.5E-12	1.5E-12	5.5E-12	7.8E-11

Table H-306 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.4E-07	5.7E-07	2.1E-07	1.0E-06	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.0E-11	1.1E-10
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	1.4E-07	3.1E-13	2.5E-07	1.9E-10	4.3E-10	2.3E-11	2.3E-11	1.5E-17	2.7E-11
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	9.4E-08	3.6E-07	8.6E-08	6.6E-07	6.2E-10	1.4E-09	7.7E-11	7.7E-11	4.2E-12	7.1E-11
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16

Table H-306 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				6.8E-06	2.2E-07					2.2E-07	1.3E-06
Dieldrin		2.7E-08	1.0E-08	3.2E-08	2.4E-08					1.6E-12	2.5E-12
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18

Table H-306 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						5.9E-03	2.3E-03				
p-Chloroaniline			3.3E-07		7.7E-07						8.4E-11
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.3E-05	4.4E-05	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.2E-04	2.7E-04	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		

Table H-306 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Bromodichloromethane	3.1E-19					9.5E-11	3.4E-04	1.2E-11	1.2E-11		
Bromoform							1.5E-03				
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.6E-04	3.9E-04	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					3.7E-05	7.9E-04	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					2.1E-04	2.2E-04	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		

Table H-306 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					5.0E-06	4.5E-04	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10		

Table H-307 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.6E-05	8.3E-05	4.5E-06	4.5E-06		
Aldehydes											
Acetaldehyde	3.9E-15					6.2E-05	1.4E-04	7.8E-06	7.8E-06		
Formaldehyde	1.9E-14					2.1E-01	1.7E+00	3.3E-06	3.3E-06		
Propionaldehyde				9.6E-17	2.7E-16	6.8E-06	1.6E-05	8.5E-07	8.5E-07	7.2E-13	4.4E-12
CO											
Carbon monoxide						1.9E-03	4.4E-03	2.4E-04	2.4E-04		
CO2											
Carbon dioxide						6.0E-05	1.4E-04	7.5E-06	7.5E-06		
Criteria											
Sulfur Dioxide						1.6E-05	3.7E-05	2.0E-06	2.0E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	5.3E-20	5.3E-17	7.4E-17	2.1E-16	5.9E-16	3.6E-11	8.4E-11	4.5E-12	4.5E-12	1.0E-17	6.3E-17
1,2,3,4,6,7,8-HpCDF	5.1E-20	5.4E-17	7.5E-17	2.1E-16	5.9E-16	3.7E-11	8.5E-11	4.6E-12	4.6E-12	1.0E-17	6.4E-17
1,2,3,4,7,8,9-HpCDF	7.8E-21	6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.7E-12	1.1E-11	5.8E-13	5.8E-13	1.2E-18	7.4E-18
1,2,3,4,7,8-HxCDD	6.0E-20	6.1E-18	8.5E-18	2.4E-17	6.7E-17	4.4E-12	1.0E-11	5.4E-13	5.4E-13	1.2E-18	7.2E-18
1,2,3,4,7,8-HxCDF	4.1E-19	4.8E-17	6.7E-17	1.9E-16	5.3E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	9.3E-18	5.7E-17
1,2,3,6,7,8-HxCDD	1.1E-19	1.2E-17	1.7E-17	4.9E-17	1.4E-16	9.2E-12	2.1E-11	1.1E-12	1.1E-12	2.4E-18	1.5E-17
1,2,3,6,7,8-HxCDF	1.5E-19	1.6E-17	2.2E-17	6.2E-17	1.7E-16	1.1E-11	2.7E-11	1.4E-12	1.4E-12	3.0E-18	1.9E-17
1,2,3,7,8,9-HxCDD	1.7E-19	1.9E-17	2.7E-17	7.7E-17	2.1E-16	1.4E-11	3.2E-11	1.7E-12	1.7E-12	3.8E-18	2.3E-17
1,2,3,7,8,9-HxCDF	1.2E-20	1.1E-18	1.6E-18	4.4E-18	1.2E-17	8.8E-13	2.0E-12	1.1E-13	1.1E-13	2.2E-19	1.3E-18
1,2,3,7,8-PeCDD	3.2E-19	6.8E-18	9.6E-18	2.7E-17	7.6E-17	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.3E-18	8.1E-18
1,2,3,7,8-PeCDF	4.4E-19	8.0E-18	1.1E-17	3.2E-17	8.9E-17	7.9E-12	1.8E-11	9.9E-13	9.9E-13	1.6E-18	9.6E-18

Table H-307 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	2.2E-19	2.5E-17	3.4E-17	9.7E-17	2.7E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	4.7E-18	2.9E-17
2,3,4,7,8-PeCDF	7.0E-19	1.9E-17	2.7E-17	7.6E-17	2.1E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	3.7E-18	2.3E-17
2,3,7,8-TCDD	1.1E-19	1.4E-18	1.9E-18	5.5E-18	1.5E-17	2.2E-12	5.1E-12	2.8E-13	2.8E-13	1.9E-16	1.1E-15
2,3,7,8-TCDF	3.4E-19	2.5E-18	3.5E-18	1.0E-17	2.8E-17	8.2E-12	1.9E-11	1.0E-12	1.0E-12	4.9E-19	3.0E-18
OCDD	7.1E-22	3.6E-17	5.0E-17	1.4E-16	4.0E-16	2.4E-11	5.6E-11	3.0E-12	3.0E-12	7.0E-18	4.3E-17
OCDF	2.6E-22	1.4E-17	1.9E-17	5.5E-17	1.5E-16	9.1E-12	2.1E-11	1.1E-12	1.1E-12	2.7E-18	1.7E-17
HCN											
Hydrogen cyanide						6.8E-06	1.6E-05	8.5E-07	8.5E-07		
Metals											
Aluminum				5.0E-04	1.0E-03					2.4E-05	1.1E-04
Antimony	6.7E-19			3.3E-08	2.1E-08	4.5E-07	1.0E-06	5.6E-08	5.6E-08	1.6E-09	2.2E-09
Arsenic	3.5E-17	1.2E-07	2.0E-08	2.8E-07	9.2E-08	2.5E-08	5.9E-08	3.2E-09	3.2E-09	2.2E-08	1.7E-08
Barium	9.3E-14			1.2E-10	3.3E-10	5.4E-06	1.2E-05	6.7E-07	6.7E-07	5.7E-12	3.5E-11
Beryllium	1.4E-18			4.5E-17	1.3E-16	1.8E-09	4.3E-09	2.3E-10	2.3E-10	2.2E-18	1.4E-17
Cadmium	3.6E-16			3.5E-17	9.8E-17	3.2E-08	7.5E-08	4.1E-09	4.1E-09	1.7E-18	1.1E-17
Chromium	1.0E-16			3.0E-12	8.5E-12	2.8E-07	6.4E-07	3.5E-08	3.5E-08	1.5E-13	9.2E-13
Cobalt				1.4E-06	1.6E-06	4.2E-07	9.7E-07	5.3E-08	5.3E-08	6.8E-08	1.7E-07
Copper				1.2E-11	3.5E-11	7.6E-07	1.8E-06	9.5E-08	9.5E-08	6.1E-13	3.8E-12
Iron				1.2E-03	1.7E-03					5.8E-05	1.8E-04
Lead	3.0E-19			4.8E-06	2.3E-06	2.6E-07	5.9E-07	3.2E-08	3.2E-08	2.3E-07	2.4E-07
Manganese				3.4E-14	9.6E-14	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.7E-15	1.0E-14
Mercury (+2)				1.4E-15	3.9E-15	1.0E-09	2.3E-09	1.3E-10	1.3E-10	6.7E-17	4.2E-16
Mercury, elemental				1.2E-09	1.2E-09	4.2E-12	9.7E-12	5.3E-13	5.3E-13	2.2E-06	1.4E-05
Methyl Mercury	3.6E-16			8.2E-17	2.3E-16					4.0E-18	2.5E-17

Table H-307 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	1.4E-16			2.4E-05	3.4E-05	1.5E-07	3.4E-07	1.9E-08	1.9E-08	1.2E-06	3.7E-06
Phosphorus				3.2E-16	9.0E-16	1.1E-06	2.6E-06	1.4E-07	1.4E-07	3.1E-12	1.9E-11
Selenium	1.2E-17			1.7E-18	4.8E-18	7.5E-09	1.7E-08	9.3E-10	9.3E-10	8.5E-20	5.2E-19
Silver	8.6E-18			3.2E-14	8.9E-14	4.9E-09	1.1E-08	6.1E-10	6.1E-10	1.6E-15	9.6E-15
Thallium (Soluble Salts)				3.5E-09	6.2E-09					1.7E-10	6.6E-10
Titanium				3.4E-16	9.6E-16	2.6E-09	6.0E-09	3.3E-10	3.3E-10	1.7E-17	1.0E-16
Zinc	1.8E-13			7.9E-15	2.2E-14	5.9E-06	1.4E-05	7.3E-07	7.3E-07	3.9E-16	2.4E-15
NOx											
NOx (Oxides of Nitrogen)						6.7E-05	1.6E-04	8.4E-06	8.4E-06		
PAHs											
1-Methylnaphthalene		1.0E-17	1.4E-17	9.3E-18	2.6E-17	1.4E-06	3.3E-06	1.8E-07	1.8E-07	1.1E-14	6.5E-14
1-Methylphenanthrene				6.2E-15	1.7E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	3.0E-16	1.9E-15
2,3,5-Trimethylnaphthalene				2.9E-15	8.2E-15	8.4E-08	1.9E-07	1.0E-08	1.0E-08	1.4E-16	8.8E-16
2,6-Dimethylnaphthalene				8.0E-15	2.2E-14	2.2E-07	5.1E-07	2.8E-08	2.8E-08	3.9E-16	2.4E-15
2-Methylnaphthalene		9.9E-18	1.4E-17	9.0E-18	2.5E-17	1.4E-06	3.2E-06	1.7E-07	1.7E-07	1.0E-14	6.4E-14
Acenaphthylene				2.6E-14	7.2E-14	8.1E-07	1.9E-06	1.0E-07	1.0E-07	1.3E-15	7.7E-15
Acenaphthene	1.5E-16					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Anthracene	1.8E-15					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
Benzo(a)anthracene	2.6E-13	7.1E-09	1.1E-13	6.4E-09	2.0E-13	1.3E-07	3.0E-07	1.6E-08	1.6E-08	9.7E-08	6.0E-07
Benzo(a)pyrene	1.3E-13	7.3E-09	4.9E-14	6.6E-09	9.0E-14	5.0E-08	1.2E-07	6.3E-09	6.3E-09	3.2E-10	9.7E-15
Benzo(b)fluoranthene	3.6E-14	1.3E-08	2.9E-15	1.2E-08	5.2E-15	5.6E-08	1.3E-07	7.0E-09	7.0E-09	5.8E-10	5.6E-16
Benzo(e)pyrene				1.5E-15	4.1E-15	4.3E-08	9.9E-08	5.4E-09	5.4E-09	7.2E-17	4.4E-16
Benzo(g,h,i)perylene				1.1E-15	3.0E-15	3.3E-08	7.6E-08	4.1E-09	4.1E-09	5.3E-17	3.2E-16
Benzo(k)fluoranthene	2.9E-16	5.2E-09	3.6E-15	4.8E-09	6.5E-15	5.0E-10	1.2E-09	6.2E-11	6.2E-11	2.3E-10	7.0E-16

Table H-307 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				1.4E-16	4.0E-16	4.8E-06	1.1E-05	6.0E-07	6.0E-07	8.4E-14	5.2E-13
Chrysene	4.6E-14	1.0E-08	1.4E-13	9.2E-09	2.6E-13	2.2E-07	5.1E-07	2.7E-08	2.7E-08	4.5E-10	2.8E-14
Dibenze(a,h)anthracene	6.6E-15	1.3E-14	1.8E-14	1.2E-14	3.3E-14	8.0E-09	1.8E-08	9.9E-10	9.9E-10	5.7E-16	3.5E-15
Fluoranthene	1.2E-14	2.7E-15	3.8E-15	2.5E-15	6.9E-15	3.2E-07	7.4E-07	4.0E-08	4.0E-08	1.2E-16	7.5E-16
Fluorene	2.6E-15					8.0E-07	1.9E-06	1.0E-07	1.0E-07		
Indeno(1,2,3-cd)pyrene	1.7E-14	4.0E-09	5.0E-14	3.7E-09	9.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	1.8E-10	9.8E-15
Napthalene	1.2E-15					6.4E-06	1.5E-05	8.0E-07	8.0E-07		
Perylene				5.6E-16	1.6E-15	2.0E-08	4.6E-08	2.5E-09	2.5E-09	2.8E-17	1.7E-16
Phenanthrene	1.3E-14					1.5E-06	3.5E-06	1.9E-07	1.9E-07		
Pyrene	8.7E-15	9.2E-15	1.3E-14	8.3E-15	2.3E-14	3.1E-07	7.2E-07	3.9E-08	3.9E-08	2.3E-13	1.4E-12
Particulate											
Particulate Total Suspended Particulate				1.3E-10	3.6E-10	1.0E-03	2.3E-03	1.3E-04	1.3E-04	6.3E-12	3.9E-11
PM<10				1.6E-10	4.6E-10	1.3E-03	3.1E-03	1.7E-04	1.7E-04	8.0E-12	5.0E-11
PM<2.5				1.4E-10	3.8E-10	1.1E-03	2.6E-03	1.4E-04	1.4E-04	6.7E-12	4.1E-11
PCBs											
Dichlorobiphenyl	2.6E-16	2.5E-17	3.5E-17	2.1E-17	5.8E-17	4.0E-09	9.2E-09	5.0E-10	5.0E-10	1.9E-15	1.2E-14
Heptachlorobiphenyl	9.8E-18	2.9E-18	4.0E-18	2.4E-18	6.8E-18	5.4E-11	1.3E-10	6.8E-12	6.8E-12	1.2E-16	7.6E-16
Hexachlorobiphenyl	4.0E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	2.3E-10	5.3E-10	2.9E-11	2.9E-11	5.6E-16	3.4E-15
Monochlorobiphenyl	1.8E-15	1.7E-16	2.4E-16	1.4E-16	4.1E-16	2.8E-08	6.4E-08	3.5E-09	3.5E-09	1.4E-14	8.3E-14
Nonachlorobiphenyl	1.2E-18	5.1E-19	7.1E-19	4.3E-19	1.2E-18	7.7E-12	1.8E-11	9.6E-13	9.6E-13	2.2E-17	1.3E-16
Octachlorobiphenyl	2.9E-18	9.3E-19	1.3E-18	7.8E-19	2.2E-18	1.7E-11	3.8E-11	2.1E-12	2.1E-12	4.0E-17	2.5E-16
Pentachlorobiphenyl	1.3E-16	4.7E-17	6.5E-17	3.9E-17	1.1E-16	7.8E-10	1.8E-09	9.8E-11	9.8E-11	2.0E-15	1.2E-14
Tetrachlorobiphenyl	7.8E-17	9.4E-18	1.3E-17	8.0E-18	2.2E-17	1.3E-09	3.0E-09	1.6E-10	1.6E-10	7.4E-16	4.6E-15
Trichlorobiphenyl	1.0E-16	1.1E-17	1.6E-17	9.6E-18	2.7E-17	1.6E-09	3.8E-09	2.0E-10	2.0E-10	8.9E-16	5.5E-15

Table H-307 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				2.9E-07	3.3E-09					9.3E-06	5.7E-05
Dieldrin		1.1E-09		1.4E-09						6.7E-11	
SVOCs											
1,2,4-trichlorobenzene						1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,2-dichlorobenzene	1.2E-19					4.7E-09	1.1E-08	5.8E-10	5.8E-10		
1,3-dichlorobenzene	3.0E-19					7.0E-09	1.6E-08	8.7E-10	8.7E-10		
1,4-dichlorobenzene	4.0E-18					6.5E-08	1.5E-07	8.1E-09	8.1E-09		
2,4-Dimethylphenol	1.1E-16					1.0E-06	2.4E-06	1.3E-07	1.3E-07		
2-Chlorophenol	5.5E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
2-Methylphenol	2.3E-15					2.4E-06	5.5E-06	3.0E-07	3.0E-07		
2-Nitrophenol	1.4E-17					3.2E-07	7.5E-07	4.0E-08	4.0E-08		
3-Methylphenol & 4-Methylphenol				1.6E-13	4.4E-13	4.3E-06	9.9E-06	5.4E-07	5.4E-07	7.7E-15	4.8E-14
4-Nitrophenol	2.8E-17					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Acetophenone	1.7E-16					5.1E-06	1.2E-05	6.4E-07	6.4E-07		
Benzoic acid	6.8E-16					2.3E-05	5.3E-05	2.9E-06	2.9E-06		
Benzyl alcohol	4.2E-19					1.9E-07	4.5E-07	2.4E-08	2.4E-08		
bis(2-Ethylhexyl) phthalate	2.1E-14	2.9E-13	4.0E-13	3.4E-13	9.5E-13	8.1E-06	1.9E-05	1.0E-06	1.0E-06	1.7E-14	1.0E-13
Butyl benzyl phthalate	7.5E-15	1.4E-16	1.9E-16	1.6E-16	4.6E-16	2.6E-07	5.9E-07	3.2E-08	3.2E-08	8.1E-18	5.0E-17
Carbazole				6.0E-16	1.7E-15	7.2E-09	1.7E-08	9.0E-10	9.0E-10	2.9E-17	1.8E-16
Dibenzofuran		6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.1E-07	9.4E-07	5.1E-08	5.1E-08	1.0E-14	6.4E-14
Dimethyl phthalate	2.8E-18					1.4E-08	3.3E-08	1.8E-09	1.8E-09		
Di-n-butyl phthalate	7.2E-14	1.4E-16	1.9E-16	1.6E-16	4.6E-16	3.9E-07	9.1E-07	4.9E-08	4.9E-08	8.1E-18	5.0E-17
Di-n-octyl phthalate	5.4E-19	4.0E-16	5.6E-16	4.8E-16	1.3E-15	2.8E-08	6.4E-08	3.4E-09	3.4E-09	2.3E-17	1.4E-16

Table H-307 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	2.9E-16					1.9E-06	4.4E-06	2.4E-07	2.4E-07		
Isopropanol						2.5E-01					
Phenol	6.3E-15					1.3E-05	3.0E-05	1.6E-06	1.6E-06		
Pyridine	3.3E-16					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
TRS											
Total Reduced Sulfur						1.2E-05	2.9E-05	1.6E-06	1.6E-06		
VOCs											
1,1,1,2-Tetrachloroethane	1.2E-19					5.8E-09	1.3E-08	7.2E-10	7.2E-10		
1,1,1-Trichloroethane	7.5E-21					5.7E-09	1.3E-08	7.1E-10	7.1E-10		
1,1-Dichloroethene	2.6E-22					1.1E-09	2.6E-09	1.4E-10	1.4E-10		
1,2,3-Trichlorobenzene	8.0E-18					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2,3-Trichloropropane	4.6E-20					4.6E-09	1.1E-08	5.8E-10	5.8E-10		
1,2,4-Trimethylbenzene						2.7E-07	6.2E-07	3.3E-08	3.3E-08		
1,2-Dibromoethane	1.6E-20					3.0E-09	6.8E-09	3.7E-10	3.7E-10		
1,2-Dichloroethane	5.0E-19					9.8E-04	2.7E-07	4.3E-05	4.3E-05		
1,3,5-Trimethylbenzene	2.6E-18					2.5E-07	5.8E-07	3.1E-08	3.1E-08		
1,3-Dichloropropane						2.9E-09	6.6E-09	3.6E-10	3.6E-10		
2-Butanone	1.0E-16					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
2-Chlorotoluene						6.3E-08	1.5E-07	7.9E-09	7.9E-09		
2-Hexanone						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
Benzene	8.5E-17					3.5E-02	8.6E-05	4.2E-04	4.2E-04		
Bromobenzene						1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Bromochloromethane						3.8E-09	8.7E-09	4.7E-10	4.7E-10		
Bromodichloromethane	1.3E-20					4.1E-09	9.4E-09	5.1E-10	5.1E-10		

Table H-307 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Bromomethane	5.7E-20					1.6E-07	3.8E-07	2.0E-08	2.0E-08		
Carbon disulfide	5.4E-20					1.4E-07	3.3E-07	1.8E-08	1.8E-08		
Carbon tetrachloride	5.8E-21					6.7E-03	2.2E-08	6.6E-04	6.6E-04		
Chlorobenzene	2.0E-18					2.1E-07	4.8E-07	2.6E-08	2.6E-08		
Chlorodibromomethane	7.8E-19					1.0E-07	2.3E-07	1.3E-08	1.3E-08		
Chloroethane	1.6E-19					3.9E-07	9.1E-07	4.9E-08	4.9E-08		
Chloroform	1.2E-19					1.6E-03	1.9E-07	1.0E-04	1.0E-04		
Chloromethane	4.2E-19					1.3E-06	3.1E-06	1.7E-07	1.7E-07		
cis-1,2-Dichloroethene	1.6E-19					1.7E-07	3.9E-07	2.1E-08	2.1E-08		
cis-1,3-Dichloropropene						1.0E-09	2.4E-09	1.3E-10	1.3E-10		
Dibromomethane	1.8E-20					8.7E-09	2.0E-08	1.1E-09	1.1E-09		
Dichlorodifluoromethane	2.0E-22					1.1E-08	2.5E-08	1.3E-09	1.3E-09		
Ethylbenzene	6.4E-17					9.2E-03	1.9E-05	1.0E-06	1.0E-06		
Isopropylbenzene	8.4E-20					6.8E-07	1.6E-06	8.4E-08	8.4E-08		
m&p-Xylene	1.0E-17					1.6E-06	3.6E-06	2.0E-07	2.0E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19					1.5E-08	3.5E-08	1.9E-09	1.9E-09		
Methylene chloride	1.1E-18					7.7E-07	1.8E-06	9.7E-08	9.7E-08		
n-Butylbenzene						3.3E-07	7.7E-07	4.2E-08	4.2E-08		
n-Propylbenzene						4.0E-07	9.3E-07	5.0E-08	5.0E-08		
o-Xylene	1.2E-17					9.8E-07	2.3E-06	1.2E-07	1.2E-07		
p-Chlorotoluene						2.4E-08	5.5E-08	3.0E-09	3.0E-09		
p-Isopropyltoluene						1.6E-07	3.8E-07	2.1E-08	2.1E-08		
sec-Butylbenzene						6.1E-08	1.4E-07	7.6E-09	7.6E-09		
Styrene	4.0E-16					2.2E-05	5.1E-05	2.7E-06	2.7E-06		

Table H-307 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)
tert-Butylbenzene						2.0E-06	4.5E-06	2.4E-07	2.4E-07			
Tetrachloroethene	2.8E-20					5.2E-09	1.2E-08	6.5E-10	6.5E-10			
Toluene	6.7E-17					1.4E-05	3.1E-05	1.7E-06	1.7E-06			
trans-1,2-Dichloroethene	2.5E-18					3.6E-06	8.4E-06	4.5E-07	4.5E-07			
trans-1,3-Dichloropropene						1.8E-09	4.2E-09	2.3E-10	2.3E-10			
Trichloroethene	2.9E-22					2.2E-04	7.2E-10	3.9E-11	3.9E-11			
Trichlorofluoromethane	4.5E-22					3.7E-09	8.6E-09	4.7E-10	4.7E-10			
Vinyl chloride	2.1E-20					2.1E-07	4.9E-07	2.7E-08	2.7E-08			

Table H-308 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					4.8E-03	4.0E-02	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19	
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19	
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18	
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19	
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19	
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19	
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20	
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19	
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19	

Table H-308 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.2E-02	2.4E-02					5.7E-07	2.6E-06
Antimony	1.6E-17			7.7E-07	4.8E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	3.8E-11	5.2E-11
Arsenic	8.1E-16	2.7E-06	4.6E-07	6.4E-06	2.2E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	5.2E-10	3.9E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				3.3E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.6E-09	4.0E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				2.7E-02	4.0E-02					1.3E-06	4.3E-06
Lead	6.9E-18			1.1E-04	5.3E-05	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.5E-09	5.7E-09
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				2.7E-08	2.7E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	5.2E-08	3.2E-07
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18

Table H-308 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	7.9E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.7E-08	8.5E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Thallium (Soluble Salts)				8.1E-08	1.4E-07					4.0E-12	1.6E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	1.6E-07	2.8E-12	1.5E-07	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	2.3E-09	1.4E-08
Benzo(a)pyrene	3.1E-12	1.7E-07	1.2E-12	1.5E-07	2.3E-12	1.2E-09	2.7E-09	1.5E-10	1.5E-10	7.6E-12	2.4E-16
Benzo(b)fluoranthene	8.3E-13	3.0E-07	7.3E-14	2.7E-07	1.3E-13	1.3E-09	3.0E-09	1.6E-10	1.6E-10	1.3E-11	1.4E-17
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	1.2E-07	1.1E-13	1.1E-07	2.0E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	5.5E-12	2.2E-17

Table H-308 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.4E-07	3.8E-12	2.1E-07	7.0E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.0E-11	7.5E-16
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	4.8E-13	3.1E-13	8.7E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	1.5E-17	9.4E-17
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	9.4E-08	1.3E-12	8.6E-08	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	4.2E-12	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16

Table H-308 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				6.8E-06	7.8E-08					2.2E-07	1.3E-06
Dieldrin		2.7E-08		3.2E-08						1.6E-12	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18

Table H-308 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						5.9E-03					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.3E-05	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.2E-04	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		

Table H-308 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.6E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					3.7E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					2.1E-04	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		

Table H-308 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					5.0E-06	1.7E-11	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10		

Table H-309 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.6E-05	8.3E-05	4.5E-06	4.5E-06		
Aldehydes											
Acetaldehyde	3.9E-15					6.2E-05	1.4E-04	7.8E-06	7.8E-06		
Formaldehyde	1.9E-14					2.1E-01	1.2E+00	3.3E-06	3.3E-06		
Propionaldehyde				9.6E-17	2.7E-16	6.8E-06	1.6E-05	8.5E-07	8.5E-07	7.2E-13	4.4E-12
CO											
Carbon monoxide						1.9E-03	4.4E-03	2.4E-04	2.4E-04		
CO2											
Carbon dioxide						6.0E-05	1.4E-04	7.5E-06	7.5E-06		
Criteria											
Sulfur Dioxide						1.6E-05	3.7E-05	2.0E-06	2.0E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	5.3E-20	5.3E-17	7.4E-17	2.1E-16	5.9E-16	3.6E-11	8.4E-11	4.5E-12	4.5E-12	1.0E-17	6.3E-17
1,2,3,4,6,7,8-HpCDF	5.1E-20	5.4E-17	7.5E-17	2.1E-16	5.9E-16	3.7E-11	8.5E-11	4.6E-12	4.6E-12	1.0E-17	6.4E-17
1,2,3,4,7,8,9-HpCDF	7.8E-21	6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.7E-12	1.1E-11	5.8E-13	5.8E-13	1.2E-18	7.4E-18
1,2,3,4,7,8-HxCDD	6.0E-20	6.1E-18	8.5E-18	2.4E-17	6.7E-17	4.4E-12	1.0E-11	5.4E-13	5.4E-13	1.2E-18	7.2E-18
1,2,3,4,7,8-HxCDF	4.1E-19	4.8E-17	6.7E-17	1.9E-16	5.3E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	9.3E-18	5.7E-17
1,2,3,6,7,8-HxCDD	1.1E-19	1.2E-17	1.7E-17	4.9E-17	1.4E-16	9.2E-12	2.1E-11	1.1E-12	1.1E-12	2.4E-18	1.5E-17
1,2,3,6,7,8-HxCDF	1.5E-19	1.6E-17	2.2E-17	6.2E-17	1.7E-16	1.1E-11	2.7E-11	1.4E-12	1.4E-12	3.0E-18	1.9E-17
1,2,3,7,8,9-HxCDD	1.7E-19	1.9E-17	2.7E-17	7.7E-17	2.1E-16	1.4E-11	3.2E-11	1.7E-12	1.7E-12	3.8E-18	2.3E-17
1,2,3,7,8,9-HxCDF	1.2E-20	1.1E-18	1.6E-18	4.4E-18	1.2E-17	8.8E-13	2.0E-12	1.1E-13	1.1E-13	2.2E-19	1.3E-18
1,2,3,7,8-PeCDD	3.2E-19	6.8E-18	9.6E-18	2.7E-17	7.6E-17	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.3E-18	8.1E-18
1,2,3,7,8-PeCDF	4.4E-19	8.0E-18	1.1E-17	3.2E-17	8.9E-17	7.9E-12	1.8E-11	9.9E-13	9.9E-13	1.6E-18	9.6E-18

Table H-309 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	2.2E-19	2.5E-17	3.4E-17	9.7E-17	2.7E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	4.7E-18	2.9E-17
2,3,4,7,8-PeCDF	7.0E-19	1.9E-17	2.7E-17	7.6E-17	2.1E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	3.7E-18	2.3E-17
2,3,7,8-TCDD	1.1E-19	1.4E-18	1.9E-18	5.5E-18	1.5E-17	2.2E-12	5.1E-12	2.8E-13	2.8E-13	1.9E-16	1.1E-15
2,3,7,8-TCDF	3.4E-19	2.5E-18	3.5E-18	1.0E-17	2.8E-17	8.2E-12	1.9E-11	1.0E-12	1.0E-12	4.9E-19	3.0E-18
OCDD	7.1E-22	3.6E-17	5.0E-17	1.4E-16	4.0E-16	2.4E-11	5.6E-11	3.0E-12	3.0E-12	7.0E-18	4.3E-17
OCDF	2.6E-22	1.4E-17	1.9E-17	5.5E-17	1.5E-16	9.1E-12	2.1E-11	1.1E-12	1.1E-12	2.7E-18	1.7E-17
HCN											
Hydrogen cyanide						6.8E-06	1.6E-05	8.5E-07	8.5E-07		
Metals											
Aluminum				5.0E-04	8.2E-04					2.4E-05	8.9E-05
Antimony	6.7E-19			3.3E-08	7.2E-09	4.5E-07	1.0E-06	5.6E-08	5.6E-08	1.6E-09	7.8E-10
Arsenic	3.5E-17	1.2E-07	7.8E-09	2.8E-07	3.7E-08	2.5E-08	5.9E-08	3.2E-09	3.2E-09	2.2E-08	6.6E-09
Barium	9.3E-14			1.2E-10	3.3E-10	5.4E-06	1.2E-05	6.7E-07	6.7E-07	5.7E-12	3.5E-11
Beryllium	1.4E-18			4.5E-17	1.3E-16	1.8E-09	4.3E-09	2.3E-10	2.3E-10	2.2E-18	1.4E-17
Cadmium	3.6E-16			3.5E-17	9.8E-17	3.2E-08	7.5E-08	4.1E-09	4.1E-09	1.7E-18	1.1E-17
Chromium	1.0E-16			3.0E-12	8.5E-12	2.8E-07	6.4E-07	3.5E-08	3.5E-08	1.5E-13	9.2E-13
Cobalt				1.4E-06	2.7E-06	4.2E-07	9.7E-07	5.3E-08	5.3E-08	6.8E-08	2.9E-07
Copper				1.2E-11	3.5E-11	7.6E-07	1.8E-06	9.5E-08	9.5E-08	6.1E-13	3.8E-12
Iron				1.2E-03	1.8E-03					5.8E-05	2.0E-04
Lead	3.0E-19			4.8E-06	6.2E-06	2.6E-07	5.9E-07	3.2E-08	3.2E-08	2.3E-07	6.6E-07
Manganese				3.4E-14	9.6E-14	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.7E-15	1.0E-14
Mercury (+2)				1.4E-15	3.9E-15	1.0E-09	2.3E-09	1.3E-10	1.3E-10	6.7E-17	4.2E-16
Mercury, elemental				1.2E-09	1.9E-09	4.2E-12	9.7E-12	5.3E-13	5.3E-13	2.2E-06	1.4E-05
Methyl Mercury	3.6E-16			8.2E-17	2.3E-16					4.0E-18	2.5E-17

Table H-309 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	1.4E-16			2.4E-05	5.7E-05	1.5E-07	3.4E-07	1.9E-08	1.9E-08	1.2E-06	6.1E-06
Phosphorus				3.2E-16	9.0E-16	1.1E-06	2.6E-06	1.4E-07	1.4E-07	3.1E-12	1.9E-11
Selenium	1.2E-17			1.7E-18	4.8E-18	7.5E-09	1.7E-08	9.3E-10	9.3E-10	8.5E-20	5.2E-19
Silver	8.6E-18			3.2E-14	8.9E-14	4.9E-09	1.1E-08	6.1E-10	6.1E-10	1.6E-15	9.6E-15
Thallium (Soluble Salts)				3.5E-09						1.7E-10	
Titanium				3.4E-16	9.6E-16	2.6E-09	6.0E-09	3.3E-10	3.3E-10	1.7E-17	1.0E-16
Zinc	1.8E-13			7.9E-15	2.2E-14	5.9E-06	1.4E-05	7.3E-07	7.3E-07	3.9E-16	2.4E-15
NOx											
NOx (Oxides of Nitrogen)						6.7E-05	1.6E-04	8.4E-06	8.4E-06		
PAHs											
1-Methylnaphthalene		1.0E-17	1.4E-17	9.3E-18	2.6E-17	1.4E-06	3.3E-06	1.8E-07	1.8E-07	1.1E-14	6.5E-14
1-Methylphenanthrene				6.2E-15	1.7E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	3.0E-16	1.9E-15
2,3,5-Trimethylnaphthalene				2.9E-15	8.2E-15	8.4E-08	1.9E-07	1.0E-08	1.0E-08	1.4E-16	8.8E-16
2,6-Dimethylnaphthalene				8.0E-15	2.2E-14	2.2E-07	5.1E-07	2.8E-08	2.8E-08	3.9E-16	2.4E-15
2-Methylnaphthalene		9.9E-18	1.4E-17	9.0E-18	2.5E-17	1.4E-06	3.2E-06	1.7E-07	1.7E-07	1.0E-14	6.4E-14
Acenaphthylene				2.6E-14	7.2E-14	8.1E-07	1.9E-06	1.0E-07	1.0E-07	1.3E-15	7.7E-15
Acenaphthene	1.5E-16					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Anthracene	1.8E-15					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
Benzo(a)anthracene	2.6E-13	7.1E-09	1.1E-13	6.4E-09	2.0E-13	1.3E-07	3.0E-07	1.6E-08	1.6E-08	9.7E-08	6.0E-07
Benzo(a)pyrene	1.3E-13	7.3E-09	5.6E-09	6.6E-09	1.0E-08	5.0E-08	1.2E-07	6.3E-09	6.3E-09	3.2E-10	1.1E-09
Benzo(b)fluoranthene	3.6E-14	1.3E-08	5.1E-09	1.2E-08	9.2E-09	5.6E-08	1.3E-07	7.0E-09	7.0E-09	5.8E-10	1.0E-09
Benzo(e)pyrene				1.5E-15	4.1E-15	4.3E-08	9.9E-08	5.4E-09	5.4E-09	7.2E-17	4.4E-16
Benzo(g,h,i)perylene				1.1E-15	3.0E-15	3.3E-08	7.6E-08	4.1E-09	4.1E-09	5.3E-17	3.2E-16
Benzo(k)fluoranthene	2.9E-16	5.2E-09	3.6E-15	4.8E-09	6.5E-15	5.0E-10	1.2E-09	6.2E-11	6.2E-11	2.3E-10	7.0E-16

Table H-309 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				1.4E-16	4.0E-16	4.8E-06	1.1E-05	6.0E-07	6.0E-07	8.4E-14	5.2E-13
Chrysene	4.6E-14	1.0E-08	1.4E-13	9.2E-09	2.6E-13	2.2E-07	5.1E-07	2.7E-08	2.7E-08	4.5E-10	2.8E-14
Dibenze(a,h)anthracene	6.6E-15	1.3E-14	1.8E-14	1.2E-14	3.3E-14	8.0E-09	1.8E-08	9.9E-10	9.9E-10	5.7E-16	3.5E-15
Fluoranthene	1.2E-14	2.7E-15	3.8E-15	2.5E-15	6.9E-15	3.2E-07	7.4E-07	4.0E-08	4.0E-08	1.2E-16	7.5E-16
Fluorene	2.6E-15					8.0E-07	1.9E-06	1.0E-07	1.0E-07		
Indeno(1,2,3-cd)pyrene	1.7E-14	4.0E-09	5.0E-14	3.7E-09	9.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	1.8E-10	9.8E-15
Napthalene	1.2E-15					6.4E-06	1.5E-05	8.0E-07	8.0E-07		
Perylene				5.6E-16	1.6E-15	2.0E-08	4.6E-08	2.5E-09	2.5E-09	2.8E-17	1.7E-16
Phenanthrene	1.3E-14					1.5E-06	3.5E-06	1.9E-07	1.9E-07		
Pyrene	8.7E-15	9.2E-15	1.3E-14	8.3E-15	2.3E-14	3.1E-07	7.2E-07	3.9E-08	3.9E-08	2.3E-13	1.4E-12
Particulate											
Particulate Total Suspended Particulate				1.3E-10	3.6E-10	1.0E-03	2.3E-03	1.3E-04	1.3E-04	6.3E-12	3.9E-11
PM<10				1.6E-10	4.6E-10	1.3E-03	3.1E-03	1.7E-04	1.7E-04	8.0E-12	5.0E-11
PM<2.5				1.4E-10	3.8E-10	1.1E-03	2.6E-03	1.4E-04	1.4E-04	6.7E-12	4.1E-11
PCBs											
Dichlorobiphenyl	2.6E-16	2.5E-17	3.5E-17	2.1E-17	5.8E-17	4.0E-09	9.2E-09	5.0E-10	5.0E-10	1.9E-15	1.2E-14
Heptachlorobiphenyl	9.8E-18	2.9E-18	4.0E-18	2.4E-18	6.8E-18	5.4E-11	1.3E-10	6.8E-12	6.8E-12	1.2E-16	7.6E-16
Hexachlorobiphenyl	4.0E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	2.3E-10	5.3E-10	2.9E-11	2.9E-11	5.6E-16	3.4E-15
Monochlorobiphenyl	1.8E-15	1.7E-16	2.4E-16	1.4E-16	4.1E-16	2.8E-08	6.4E-08	3.5E-09	3.5E-09	1.4E-14	8.3E-14
Nonachlorobiphenyl	1.2E-18	5.1E-19	7.1E-19	4.3E-19	1.2E-18	7.7E-12	1.8E-11	9.6E-13	9.6E-13	2.2E-17	1.3E-16
Octachlorobiphenyl	2.9E-18	9.3E-19	1.3E-18	7.8E-19	2.2E-18	1.7E-11	3.8E-11	2.1E-12	2.1E-12	4.0E-17	2.5E-16
Pentachlorobiphenyl	1.3E-16	4.7E-17	6.5E-17	3.9E-17	1.1E-16	7.8E-10	1.8E-09	9.8E-11	9.8E-11	2.0E-15	1.2E-14
Tetrachlorobiphenyl	7.8E-17	9.4E-18	1.3E-17	8.0E-18	2.2E-17	1.3E-09	3.0E-09	1.6E-10	1.6E-10	7.4E-16	4.6E-15
Trichlorobiphenyl	1.0E-16	1.1E-17	1.6E-17	9.6E-18	2.7E-17	1.6E-09	3.8E-09	2.0E-10	2.0E-10	8.9E-16	5.5E-15

Table H-309 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				2.9E-07	1.2E-08					9.3E-06	5.7E-05
Dieldrin		1.1E-09		1.4E-09						6.7E-11	
SVOCs											
1,2,4-trichlorobenzene						1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,2-dichlorobenzene	1.2E-19					4.7E-09	1.1E-08	5.8E-10	5.8E-10		
1,3-dichlorobenzene	3.0E-19					7.0E-09	1.6E-08	8.7E-10	8.7E-10		
1,4-dichlorobenzene	4.0E-18					6.5E-08	1.5E-07	8.1E-09	8.1E-09		
2,4-Dimethylphenol	1.1E-16					1.0E-06	2.4E-06	1.3E-07	1.3E-07		
2-Chlorophenol	5.5E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
2-Methylphenol	2.3E-15					2.4E-06	5.5E-06	3.0E-07	3.0E-07		
2-Nitrophenol	1.4E-17					3.2E-07	7.5E-07	4.0E-08	4.0E-08		
3-Methylphenol & 4-Methylphenol				1.6E-13	4.4E-13	4.3E-06	9.9E-06	5.4E-07	5.4E-07	7.7E-15	4.8E-14
4-Nitrophenol	2.8E-17					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Acetophenone	1.7E-16					5.1E-06	1.2E-05	6.4E-07	6.4E-07		
Benzoic acid	6.8E-16					2.3E-05	5.3E-05	2.9E-06	2.9E-06		
Benzyl alcohol	4.2E-19					1.9E-07	4.5E-07	2.4E-08	2.4E-08		
bis(2-Ethylhexyl) phthalate	2.1E-14	2.9E-13	4.0E-13	3.4E-13	9.5E-13	8.1E-06	1.9E-05	1.0E-06	1.0E-06	1.7E-14	1.0E-13
Butyl benzyl phthalate	7.5E-15	1.4E-16	1.9E-16	1.6E-16	4.6E-16	2.6E-07	5.9E-07	3.2E-08	3.2E-08	8.1E-18	5.0E-17
Carbazole				6.0E-16	1.7E-15	7.2E-09	1.7E-08	9.0E-10	9.0E-10	2.9E-17	1.8E-16
Dibenzofuran		6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.1E-07	9.4E-07	5.1E-08	5.1E-08	1.0E-14	6.4E-14
Dimethyl phthalate	2.8E-18					1.4E-08	3.3E-08	1.8E-09	1.8E-09		
Di-n-butyl phthalate	7.2E-14	1.4E-16	1.9E-16	1.6E-16	4.6E-16	3.9E-07	9.1E-07	4.9E-08	4.9E-08	8.1E-18	5.0E-17
Di-n-octyl phthalate	5.4E-19	4.0E-16	5.6E-16	4.8E-16	1.3E-15	2.8E-08	6.4E-08	3.4E-09	3.4E-09	2.3E-17	1.4E-16

Table H-309 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	2.9E-16					1.9E-06	4.4E-06	2.4E-07	2.4E-07		
Isopropanol						2.5E-01					
Phenol	6.3E-15					1.3E-05	3.0E-05	1.6E-06	1.6E-06		
Pyridine	3.3E-16					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
TRS											
Total Reduced Sulfur						1.2E-05	2.9E-05	1.6E-06	1.6E-06		
VOCs											
1,1,1,2-Tetrachloroethane	1.2E-19					5.8E-09	1.3E-08	7.2E-10	7.2E-10		
1,1,1-Trichloroethane	7.5E-21					5.7E-09	1.3E-08	7.1E-10	7.1E-10		
1,1-Dichloroethene	2.6E-22					1.1E-09	2.6E-09	1.4E-10	1.4E-10		
1,2,3-Trichlorobenzene	8.0E-18					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2,3-Trichloropropane	4.6E-20					4.6E-09	1.1E-08	5.8E-10	5.8E-10		
1,2,4-Trimethylbenzene						2.7E-07	6.2E-07	3.3E-08	3.3E-08		
1,2-Dibromoethane	1.6E-20					3.0E-09	6.8E-09	3.7E-10	3.7E-10		
1,2-Dichloroethane	5.0E-19					9.8E-04	2.7E-07	4.3E-05	4.3E-05		
1,3,5-Trimethylbenzene	2.6E-18					2.5E-07	5.8E-07	3.1E-08	3.1E-08		
1,3-Dichloropropane						2.9E-09	6.6E-09	3.6E-10	3.6E-10		
2-Butanone	1.0E-16					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
2-Chlorotoluene						6.3E-08	1.5E-07	7.9E-09	7.9E-09		
2-Hexanone						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
Benzene	8.5E-17					3.5E-02	8.6E-05	4.2E-04	4.2E-04		
Bromobenzene						1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Bromochloromethane						3.8E-09	8.7E-09	4.7E-10	4.7E-10		
Bromodichloromethane	1.3E-20					4.1E-09	9.4E-09	5.1E-10	5.1E-10		

Table H-309 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Bromomethane	5.7E-20					1.6E-07	3.8E-07	2.0E-08	2.0E-08		
Carbon disulfide	5.4E-20					1.4E-07	3.3E-07	1.8E-08	1.8E-08		
Carbon tetrachloride	5.8E-21					6.7E-03	2.2E-08	6.6E-04	6.6E-04		
Chlorobenzene	2.0E-18					2.1E-07	4.8E-07	2.6E-08	2.6E-08		
Chlorodibromomethane	7.8E-19					1.0E-07	2.3E-07	1.3E-08	1.3E-08		
Chloroethane	1.6E-19					3.9E-07	9.1E-07	4.9E-08	4.9E-08		
Chloroform	1.2E-19					1.6E-03	1.9E-07	1.0E-04	1.0E-04		
Chloromethane	4.2E-19					1.3E-06	3.1E-06	1.7E-07	1.7E-07		
cis-1,2-Dichloroethene	1.6E-19					1.7E-07	3.9E-07	2.1E-08	2.1E-08		
cis-1,3-Dichloropropene						1.0E-09	2.4E-09	1.3E-10	1.3E-10		
Dibromomethane	1.8E-20					8.7E-09	2.0E-08	1.1E-09	1.1E-09		
Dichlorodifluoromethane	2.0E-22					1.1E-08	2.5E-08	1.3E-09	1.3E-09		
Ethylbenzene	6.4E-17					9.2E-03	1.9E-05	1.0E-06	1.0E-06		
Isopropylbenzene	8.4E-20					6.8E-07	1.6E-06	8.4E-08	8.4E-08		
m&p-Xylene	1.0E-17					1.6E-06	3.6E-06	2.0E-07	2.0E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19					1.5E-08	3.5E-08	1.9E-09	1.9E-09		
Methylene chloride	1.1E-18					7.7E-07	1.8E-06	9.7E-08	9.7E-08		
n-Butylbenzene						3.3E-07	7.7E-07	4.2E-08	4.2E-08		
n-Propylbenzene						4.0E-07	9.3E-07	5.0E-08	5.0E-08		
o-Xylene	1.2E-17					9.8E-07	2.3E-06	1.2E-07	1.2E-07		
p-Chlorotoluene						2.4E-08	5.5E-08	3.0E-09	3.0E-09		
p-Isopropyltoluene						1.6E-07	3.8E-07	2.1E-08	2.1E-08		
sec-Butylbenzene						6.1E-08	1.4E-07	7.6E-09	7.6E-09		
Styrene	4.0E-16					2.2E-05	5.1E-05	2.7E-06	2.7E-06		

Table H-309 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)
tert-Butylbenzene						2.0E-06	4.5E-06	2.4E-07	2.4E-07			
Tetrachloroethene	2.8E-20					5.2E-09	1.2E-08	6.5E-10	6.5E-10			
Toluene	6.7E-17					1.4E-05	3.1E-05	1.7E-06	1.7E-06			
trans-1,2-Dichloroethene	2.5E-18					3.6E-06	8.4E-06	4.5E-07	4.5E-07			
trans-1,3-Dichloropropene						1.8E-09	4.2E-09	2.3E-10	2.3E-10			
Trichloroethene	2.9E-22					2.2E-04	7.2E-10	3.9E-11	3.9E-11			
Trichlorofluoromethane	4.5E-22					3.7E-09	8.6E-09	4.7E-10	4.7E-10			
Vinyl chloride	2.1E-20					2.1E-07	4.9E-07	2.7E-08	2.7E-08			

Table H-310 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					4.8E-03	2.7E-02	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19	
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19	
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18	
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19	
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19	
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19	
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20	
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19	
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19	

Table H-310 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.2E-02	1.9E-02					5.7E-07	2.1E-06
Antimony	1.6E-17			7.7E-07	1.7E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	3.8E-11	1.8E-11
Arsenic	8.1E-16	2.7E-06	1.8E-07	6.4E-06	8.6E-07	5.9E-10	1.4E-09	7.4E-11	7.4E-11	5.2E-10	1.6E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				3.3E-05	6.4E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.6E-09	6.9E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				2.7E-02	4.3E-02					1.3E-06	4.7E-06
Lead	6.9E-18			1.1E-04	1.4E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.5E-09	1.6E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				2.7E-08	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	5.2E-08	3.2E-07
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18

Table H-310 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	1.3E-03	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.7E-08	1.4E-07
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Thallium (Soluble Salts)				8.1E-08						4.0E-12	
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	1.6E-07	2.8E-12	1.5E-07	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	2.3E-09	1.4E-08
Benzo(a)pyrene	3.1E-12	1.7E-07	1.3E-07	1.5E-07	2.4E-07	1.2E-09	2.7E-09	1.5E-10	1.5E-10	7.6E-12	2.6E-11
Benzo(b)fluoranthene	8.3E-13	3.0E-07	1.2E-07	2.7E-07	2.2E-07	1.3E-09	3.0E-09	1.6E-10	1.6E-10	1.3E-11	2.3E-11
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	1.2E-07	1.1E-13	1.1E-07	2.0E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	5.5E-12	2.2E-17

Table H-310 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.4E-07	3.8E-12	2.1E-07	7.0E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.0E-11	7.5E-16
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	4.8E-13	3.1E-13	8.7E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	1.5E-17	9.4E-17
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	9.4E-08	1.3E-12	8.6E-08	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	4.2E-12	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16

Table H-310 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				6.8E-06	2.8E-07					2.2E-07	1.3E-06
Dieldrin		2.7E-08		3.2E-08						1.6E-12	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18

Table H-310 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						5.9E-03					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.3E-05	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.2E-04	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		

Table H-310 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.6E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					3.7E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					2.1E-04	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		

Table H-310 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09				
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11				
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08				
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08				
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12				
Trichloroethene	6.8E-21					5.0E-06	1.7E-11	9.1E-13	9.1E-13				
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11				
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10				

Table H-311 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.6E-05	1.3E-03	4.5E-06	4.3E-04		
Aldehydes											
Acetaldehyde	3.9E-15					6.2E-05	2.2E-03	7.8E-06	7.4E-04		
Formaldehyde	1.9E-14					2.1E-01	8.7E-04	3.3E-06	2.9E-04		
Propionaldehyde				9.6E-17	3.1E-15	6.8E-06	2.5E-04	8.5E-07	8.2E-05	7.2E-13	5.1E-11
CO											
Carbon monoxide						1.9E-03	7.1E-02	2.4E-04	2.4E-02		
CO2											
Carbon dioxide						6.0E-05	2.1E-03	7.5E-06	7.2E-04		
Criteria											
Sulfur Dioxide						1.6E-05	5.2E-04	2.0E-06	1.7E-04		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	5.3E-20	5.3E-17	1.0E-15	2.1E-16	7.9E-15	3.6E-11	1.4E-09	4.5E-12	4.8E-10	1.0E-17	8.5E-16
1,2,3,4,6,7,8-HpCDF	5.1E-20	5.4E-17	1.0E-15	2.1E-16	7.9E-15	3.7E-11	1.5E-09	4.6E-12	4.9E-10	1.0E-17	8.5E-16
1,2,3,4,7,8,9-HpCDF	7.8E-21	6.2E-18	1.2E-16	2.4E-17	9.5E-16	4.7E-12	1.9E-10	5.8E-13	6.3E-11	1.2E-18	1.0E-16
1,2,3,4,7,8-HxCDD	6.0E-20	6.1E-18	1.2E-16	2.4E-17	9.2E-16	4.4E-12	1.8E-10	5.4E-13	5.9E-11	1.2E-18	9.9E-17
1,2,3,4,7,8-HxCDF	4.1E-19	4.8E-17	9.2E-16	1.9E-16	7.3E-15	3.5E-11	1.4E-09	4.4E-12	4.8E-10	9.3E-18	7.9E-16
1,2,3,6,7,8-HxCDD	1.1E-19	1.2E-17	2.4E-16	4.9E-17	1.9E-15	9.2E-12	3.7E-10	1.1E-12	1.2E-10	2.4E-18	2.0E-16
1,2,3,6,7,8-HxCDF	1.5E-19	1.6E-17	3.1E-16	6.2E-17	2.4E-15	1.1E-11	4.7E-10	1.4E-12	1.6E-10	3.0E-18	2.6E-16
1,2,3,7,8,9-HxCDD	1.7E-19	1.9E-17	3.7E-16	7.7E-17	3.0E-15	1.4E-11	5.6E-10	1.7E-12	1.9E-10	3.8E-18	3.2E-16
1,2,3,7,8,9-HxCDF	1.2E-20	1.1E-18	2.2E-17	4.4E-18	1.7E-16	8.8E-13	3.6E-11	1.1E-13	1.2E-11	2.2E-19	1.9E-17
1,2,3,7,8-PeCDD	3.2E-19	6.8E-18	1.3E-16	2.7E-17	1.1E-15	5.5E-12	2.3E-10	6.9E-13	7.5E-11	1.3E-18	1.1E-16
1,2,3,7,8-PeCDF	4.4E-19	8.0E-18	1.6E-16	3.2E-17	1.2E-15	7.9E-12	3.2E-10	9.9E-13	1.1E-10	1.6E-18	1.3E-16

Table H-311 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	2.2E-19	2.5E-17	4.6E-16	9.7E-17	3.7E-15	1.8E-11	7.1E-10	2.2E-12	2.4E-10	4.7E-18	3.9E-16
2,3,4,7,8-PeCDF	7.0E-19	1.9E-17	3.8E-16	7.6E-17	3.0E-15	1.8E-11	7.2E-10	2.2E-12	2.4E-10	3.7E-18	3.2E-16
2,3,7,8-TCDD	1.1E-19	1.4E-18	2.0E-17	5.5E-18	1.6E-16	2.2E-12	7.4E-11	2.8E-13	2.5E-11	1.9E-16	1.2E-14
2,3,7,8-TCDF	3.4E-19	2.5E-18	5.0E-17	1.0E-17	4.0E-16	8.2E-12	3.4E-10	1.0E-12	1.1E-10	4.9E-19	4.3E-17
OCDD	7.1E-22	3.6E-17	6.6E-16	1.4E-16	5.2E-15	2.4E-11	9.5E-10	3.0E-12	3.2E-10	7.0E-18	5.6E-16
OCDF	2.6E-22	1.4E-17	2.5E-16	5.5E-17	2.0E-15	9.1E-12	3.5E-10	1.1E-12	1.2E-10	2.7E-18	2.1E-16
HCN											
Hydrogen cyanide						6.8E-06	2.6E-04	8.5E-07	8.8E-05		
Metals											
Aluminum				5.0E-04						2.4E-05	
Antimony	6.7E-19			3.3E-08		4.5E-07	1.1E-05	5.6E-08	3.7E-06	1.6E-09	
Arsenic	3.5E-17	1.2E-07	2.1E-18	2.8E-07	9.8E-18	2.5E-08	9.0E-07	3.2E-09	3.0E-07	2.2E-08	1.8E-18
Barium	9.3E-14			1.2E-10	4.0E-09	5.4E-06	1.5E-04	6.7E-07	4.8E-05	5.7E-12	4.4E-10
Beryllium	1.4E-18			4.5E-17	1.7E-15	1.8E-09	6.2E-08	2.3E-10	2.1E-08	2.2E-18	1.8E-16
Cadmium	3.6E-16			3.5E-17	1.3E-15	3.2E-08	1.1E-06	4.1E-09	3.8E-07	1.7E-18	1.4E-16
Chromium	1.0E-16			3.0E-12	1.2E-10	2.8E-07	9.9E-06	3.5E-08	3.3E-06	1.5E-13	1.3E-11
Cobalt				1.4E-06	3.8E-10	4.2E-07	7.7E-06	5.3E-08	2.6E-06	6.8E-08	4.0E-11
Copper				1.2E-11	4.7E-10	7.6E-07	2.6E-05	9.5E-08	8.7E-06	6.1E-13	5.1E-11
Iron				1.2E-03						5.8E-05	
Lead	3.0E-19			4.8E-06	1.6E-13	2.6E-07	8.4E-06	3.2E-08	2.8E-06	2.3E-07	1.8E-14
Manganese				3.4E-14	1.3E-12	2.3E-07	8.1E-06	2.9E-08	2.7E-06	1.7E-15	1.4E-13
Mercury (+2)				1.4E-15	4.2E-14	1.0E-09	3.6E-08	1.3E-10	1.2E-08	6.7E-17	4.6E-15
Mercury, elemental				1.2E-09		4.2E-12	1.5E-10	5.3E-13	4.9E-11	2.2E-06	
Methyl Mercury	3.6E-16			8.2E-17	3.2E-15					4.0E-18	3.4E-16

Table H-311 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	1.4E-16			2.4E-05	6.6E-15	1.5E-07	5.1E-06	1.9E-08	1.7E-06	1.2E-06	7.2E-16
Phosphorus				3.2E-16	1.2E-14	1.1E-06	3.7E-05	1.4E-07	1.2E-05	3.1E-12	2.5E-10
Selenium	1.2E-17			1.7E-18	6.6E-17	7.5E-09	2.6E-07	9.3E-10	8.7E-08	8.5E-20	7.2E-18
Silver	8.6E-18			3.2E-14	1.2E-12	4.9E-09	1.6E-07	6.1E-10	5.3E-08	1.6E-15	1.3E-13
Thallium (Soluble Salts)				3.5E-09						1.7E-10	
Titanium				3.4E-16	1.4E-14	2.6E-09	9.8E-08	3.3E-10	3.3E-08	1.7E-17	1.5E-15
Zinc	1.8E-13			7.9E-15	2.8E-13	5.9E-06	1.7E-04	7.3E-07	5.6E-05	3.9E-16	3.0E-14
NOx											
NOx (Oxides of Nitrogen)						6.7E-05	2.2E-03	8.4E-06	7.5E-04		
PAHs											
1-Methylnaphthalene		1.0E-17	2.1E-16	9.3E-18	3.8E-16	1.4E-06	5.9E-05	1.8E-07	2.0E-05	1.1E-14	9.5E-13
1-Methylphenanthrene				6.2E-15	2.6E-13	1.7E-07	7.1E-06	2.1E-08	2.4E-06	3.0E-16	2.8E-14
2,3,5-Trimethylnaphthalene				2.9E-15	1.3E-13	8.4E-08	3.6E-06	1.0E-08	1.2E-06	1.4E-16	1.4E-14
2,6-Dimethylnaphthalene				8.0E-15	3.4E-13	2.2E-07	9.3E-06	2.8E-08	3.1E-06	3.9E-16	3.6E-14
2-Methylnaphthalene		9.9E-18	2.0E-16	9.0E-18	3.7E-16	1.4E-06	5.7E-05	1.7E-07	1.9E-05	1.0E-14	9.3E-13
Acenaphthylene				2.6E-14	1.1E-12	8.1E-07	3.4E-05	1.0E-07	1.1E-05	1.3E-15	1.2E-13
Acenaphthene	1.5E-16					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Anthracene	1.8E-15					2.6E-07	1.1E-05	3.2E-08	3.7E-06		
Benzo(a)anthracene	2.6E-13	7.1E-09	1.7E-12	6.4E-09	3.1E-12	1.3E-07	5.5E-06	1.6E-08	1.8E-06	9.7E-08	1.0E-10
Benzo(a)pyrene	1.3E-13	7.3E-09	7.3E-13	6.6E-09	1.3E-12	5.0E-08	2.1E-06	6.3E-09	7.0E-07	3.2E-10	1.4E-13
Benzo(b)fluoranthene	3.6E-14	1.3E-08	3.9E-14	1.2E-08	7.2E-14	5.6E-08	2.3E-06	7.0E-09	7.6E-07	5.8E-10	7.7E-15
Benzo(e)pyrene				1.5E-15	5.7E-14	4.3E-08	1.8E-06	5.4E-09	5.8E-07	7.2E-17	6.2E-15
Benzo(g,h,i)perylene				1.1E-15	4.4E-14	3.3E-08	1.4E-06	4.1E-09	4.5E-07	5.3E-17	4.7E-15
Benzo(k)fluoranthene	2.9E-16	5.2E-09	2.4E-14	4.8E-09	4.3E-14	5.0E-10	8.9E-09	6.2E-11	3.0E-09	2.3E-10	4.6E-15

Table H-311 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				1.4E-16	6.0E-15	4.8E-06	2.0E-04	6.0E-07	6.7E-05	8.4E-14	7.7E-12
Chrysene	4.6E-14	1.0E-08	2.1E-12	9.2E-09	3.8E-12	2.2E-07	9.1E-06	2.7E-08	3.0E-06	4.5E-10	4.1E-13
Dibenze(a,h)anthracene	6.6E-15	1.3E-14	2.6E-13	1.2E-14	4.7E-13	8.0E-09	3.3E-07	9.9E-10	1.1E-07	5.7E-16	5.0E-14
Fluoranthene	1.2E-14	2.7E-15	5.5E-14	2.5E-15	1.0E-13	3.2E-07	1.3E-05	4.0E-08	4.4E-06	1.2E-16	1.1E-14
Fluorene	2.6E-15					8.0E-07	3.4E-05	1.0E-07	1.1E-05		
Indeno(1,2,3-cd)pyrene	1.7E-14	4.0E-09	7.1E-13	3.7E-09	1.3E-12	2.6E-08	1.1E-06	3.3E-09	3.6E-07	1.8E-10	1.4E-13
Napthalene	1.2E-15					6.4E-06	2.7E-04	8.0E-07	8.8E-05		
Perylene				5.6E-16	2.6E-14	2.0E-08	8.7E-07	2.5E-09	2.9E-07	2.8E-17	2.8E-15
Phenanthrene	1.3E-14					1.5E-06	6.2E-05	1.9E-07	2.1E-05		
Pyrene	8.7E-15	9.2E-15	1.9E-13	8.3E-15	3.4E-13	3.1E-07	1.3E-05	3.9E-08	4.3E-06	2.3E-13	2.1E-11
Particulate											
Particulate Total Suspended Particulate				1.3E-10	5.2E-09	1.0E-03	3.9E-02	1.3E-04	1.3E-02	6.3E-12	5.6E-10
PM<10				1.6E-10	6.8E-09	1.3E-03	5.2E-02	1.7E-04	1.7E-02	8.0E-12	7.3E-10
PM<2.5				1.4E-10	5.7E-09	1.1E-03	4.5E-02	1.4E-04	1.5E-02	6.7E-12	6.2E-10
PCBs											
Dichlorobiphenyl	2.6E-16	2.5E-17	4.9E-16	2.1E-17	8.3E-16	4.0E-09	1.6E-07	5.0E-10	5.4E-08	1.9E-15	1.7E-13
Heptachlorobiphenyl	9.8E-18	2.9E-18	5.5E-17	2.4E-18	9.4E-17	5.4E-11	2.2E-09	6.8E-12	7.3E-10	1.2E-16	1.0E-14
Hexachlorobiphenyl	4.0E-17	1.3E-17	2.3E-16	1.1E-17	3.9E-16	2.3E-10	8.9E-09	2.9E-11	3.0E-09	5.6E-16	4.4E-14
Monochlorobiphenyl	1.8E-15	1.7E-16	3.4E-15	1.4E-16	5.8E-15	2.8E-08	1.1E-06	3.5E-09	3.8E-07	1.4E-14	1.2E-12
Nonachlorobiphenyl	1.2E-18	5.1E-19	7.9E-18	4.3E-19	1.3E-17	7.7E-12	2.7E-10	9.6E-13	9.1E-11	2.2E-17	1.5E-15
Octachlorobiphenyl	2.9E-18	9.3E-19	1.7E-17	7.8E-19	2.9E-17	1.7E-11	6.5E-10	2.1E-12	2.2E-10	4.0E-17	3.2E-15
Pentachlorobiphenyl	1.3E-16	4.7E-17	8.0E-16	3.9E-17	1.3E-15	7.8E-10	3.0E-08	9.8E-11	9.9E-09	2.0E-15	1.5E-13
Tetrachlorobiphenyl	7.8E-17	9.4E-18	1.6E-16	8.0E-18	2.7E-16	1.3E-09	4.8E-08	1.6E-10	1.6E-08	7.4E-16	5.5E-14
Trichlorobiphenyl	1.0E-16	1.1E-17	2.0E-16	9.6E-18	3.4E-16	1.6E-09	6.3E-08	2.0E-10	2.1E-08	8.9E-16	7.0E-14

Table H-311 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				2.9E-07						9.3E-06	
Dieldrin		1.1E-09		1.4E-09						6.7E-11	
SVOCs											
1,2,4-trichlorobenzene						1.2E-08	3.7E-07	1.4E-09	1.2E-07		
1,2-dichlorobenzene	1.2E-19					4.7E-09	8.3E-08	5.8E-10	2.8E-08		
1,3-dichlorobenzene	3.0E-19					7.0E-09	2.4E-07	8.7E-10	7.9E-08		
1,4-dichlorobenzene	4.0E-18					6.5E-08	2.9E-06	8.1E-09	9.7E-07		
2,4-Dimethylphenol	1.1E-16					1.0E-06	4.1E-05	1.3E-07	1.4E-05		
2-Chlorophenol	5.5E-18					2.0E-07	8.8E-06	2.5E-08	2.9E-06		
2-Methylphenol	2.3E-15					2.4E-06	1.0E-04	3.0E-07	3.3E-05		
2-Nitrophenol	1.4E-17					3.2E-07	1.3E-05	4.0E-08	4.5E-06		
3-Methylphenol & 4-Methylphenol				1.6E-13	6.6E-12	4.3E-06	1.8E-04	5.4E-07	6.0E-05	7.7E-15	7.1E-13
4-Nitrophenol	2.8E-17					5.4E-07	2.1E-05	6.7E-08	6.9E-06		
Acetophenone	1.7E-16					5.1E-06	2.1E-04	6.4E-07	7.0E-05		
Benzoic acid	6.8E-16					2.3E-05	9.6E-04	2.9E-06	3.2E-04		
Benzyl alcohol	4.2E-19					1.9E-07	5.8E-06	2.4E-08	1.9E-06		
bis(2-Ethylhexyl) phthalate	2.1E-14	2.9E-13	5.2E-12	3.4E-13	1.2E-11	8.1E-06	3.2E-04	1.0E-06	1.1E-04	1.7E-14	1.3E-12
Butyl benzyl phthalate	7.5E-15	1.4E-16	2.8E-15	1.6E-16	6.7E-15	2.6E-07	1.1E-05	3.2E-08	3.5E-06	8.1E-18	7.3E-16
Carbazole				6.0E-16	1.1E-14	7.2E-09	1.3E-07	9.0E-10	4.3E-08	2.9E-17	1.2E-15
Dibenzofuran		6.2E-18	1.2E-16	2.4E-17	9.7E-16	4.1E-07	1.7E-05	5.1E-08	5.6E-06	1.0E-14	9.1E-13
Dimethyl phthalate	2.8E-18					1.4E-08	2.5E-07	1.8E-09	8.5E-08		
Di-n-butyl phthalate	7.2E-14	1.4E-16	2.9E-15	1.6E-16	6.8E-15	3.9E-07	1.6E-05	4.9E-08	5.4E-06	8.1E-18	7.3E-16
Di-n-octyl phthalate	5.4E-19	4.0E-16	3.7E-15	4.8E-16	8.8E-15	2.8E-08	4.9E-07	3.4E-09	1.6E-07	2.3E-17	9.5E-16

Table H-311 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	2.9E-16					1.9E-06	3.4E-05	2.4E-07	1.1E-05		
Isopropanol						2.5E-01					
Phenol	6.3E-15					1.3E-05	5.3E-04	1.6E-06	1.8E-04		
Pyridine	3.3E-16					1.2E-06	5.1E-05	1.5E-07	1.7E-05		
TRS											
Total Reduced Sulfur						1.2E-05	5.4E-04	1.6E-06	1.8E-04		
VOCs											
1,1,1,2-Tetrachloroethane	1.2E-19					5.8E-09	2.0E-07	7.2E-10	6.5E-08		
1,1,1-Trichloroethane	7.5E-21					5.7E-09	2.1E-07	7.1E-10	7.1E-08		
1,1-Dichloroethene	2.6E-22					1.1E-09	2.0E-08	1.4E-10	6.6E-09		
1,2,3-Trichlorobenzene	8.0E-18					2.3E-08	8.5E-07	2.9E-09	2.8E-07		
1,2,3-Trichloropropane	4.6E-20					4.6E-09	8.3E-08	5.8E-10	2.8E-08		
1,2,4-Trimethylbenzene						2.7E-07	8.5E-06	3.3E-08	2.8E-06		
1,2-Dibromoethane	1.6E-20					3.0E-09	5.3E-08	3.7E-10	1.8E-08		
1,2-Dichloroethane	5.0E-19					9.8E-04	4.5E-06	4.3E-05	1.5E-06		
1,3,5-Trimethylbenzene	2.6E-18					2.5E-07	7.5E-06	3.1E-08	2.5E-06		
1,3-Dichloropropane						2.9E-09	5.1E-08	3.6E-10	1.7E-08		
2-Butanone	1.0E-16					1.4E-06	5.6E-05	1.8E-07	1.9E-05		
2-Chlorotoluene						6.3E-08	2.6E-06	7.9E-09	8.7E-07		
2-Hexanone						2.9E-07	1.1E-05	3.6E-08	3.5E-06		
Benzene	8.5E-17					3.5E-02	1.5E-03	4.2E-04	4.9E-04		
Bromobenzene						1.6E-06	2.8E-05	2.0E-07	9.5E-06		
Bromochloromethane						3.8E-09	6.7E-08	4.7E-10	2.2E-08		
Bromodichloromethane	1.3E-20					4.1E-09	7.3E-08	5.1E-10	2.4E-08		

Table H-311 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromomethane	5.7E-20					1.6E-07	4.9E-06	2.0E-08	1.6E-06		
Carbon disulfide	5.4E-20					1.4E-07	4.2E-06	1.8E-08	1.4E-06		
Carbon tetrachloride	5.8E-21					6.7E-03	1.7E-07	6.6E-04	5.6E-08		
Chlorobenzene	2.0E-18					2.1E-07	7.4E-06	2.6E-08	2.5E-06		
Chlorodibromomethane	7.8E-19					1.0E-07	1.8E-06	1.3E-08	6.0E-07		
Chloroethane	1.6E-19					3.9E-07	1.4E-05	4.9E-08	4.5E-06		
Chloroform	1.2E-19					1.6E-03	1.6E-06	1.0E-04	5.5E-07		
Chloromethane	4.2E-19					1.3E-06	4.0E-05	1.7E-07	1.3E-05		
cis-1,2-Dichloroethene	1.6E-19					1.7E-07	3.0E-06	2.1E-08	1.0E-06		
cis-1,3-Dichloropropene						1.0E-09	1.9E-08	1.3E-10	6.2E-09		
Dibromomethane	1.8E-20					8.7E-09	1.6E-07	1.1E-09	5.2E-08		
Dichlorodifluoromethane	2.0E-22					1.1E-08	1.9E-07	1.3E-09	6.3E-08		
Ethylbenzene	6.4E-17					9.2E-03	3.2E-04	1.0E-06	1.1E-04		
Isopropylbenzene	8.4E-20					6.8E-07	2.3E-05	8.4E-08	7.7E-06		
m&p-Xylene	1.0E-17					1.6E-06	5.3E-05	2.0E-07	1.8E-05		
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19					1.5E-08	2.7E-07	1.9E-09	9.1E-08		
Methylene chloride	1.1E-18					7.7E-07	2.8E-05	9.7E-08	9.5E-06		
n-Butylbenzene						3.3E-07	9.9E-06	4.2E-08	3.3E-06		
n-Propylbenzene						4.0E-07	1.3E-05	5.0E-08	4.4E-06		
o-Xylene	1.2E-17					9.8E-07	3.3E-05	1.2E-07	1.1E-05		
p-Chlorotoluene						2.4E-08	7.2E-07	3.0E-09	2.4E-07		
p-Isopropyltoluene						1.6E-07	3.9E-06	2.1E-08	1.3E-06		
sec-Butylbenzene						6.1E-08	1.9E-06	7.6E-09	6.2E-07		
Styrene	4.0E-16					2.2E-05	8.0E-04	2.7E-06	2.7E-04		

Table H-311 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)
tert-Butylbenzene						2.0E-06	3.5E-05	2.4E-07	1.2E-05			
Tetrachloroethene	2.8E-20					5.2E-09	1.8E-07	6.5E-10	6.0E-08			
Toluene	6.7E-17					1.4E-05	5.3E-04	1.7E-06	1.8E-04			
trans-1,2-Dichloroethene	2.5E-18					3.6E-06	6.5E-05	4.5E-07	2.2E-05			
trans-1,3-Dichloropropene						1.8E-09	3.2E-08	2.3E-10	1.1E-08			
Trichloroethene	2.9E-22					2.2E-04	5.6E-09	3.9E-11	1.9E-09			
Trichlorofluoromethane	4.5E-22					3.7E-09	6.7E-08	4.7E-10	2.2E-08			
Vinyl chloride	2.1E-20					2.1E-07	5.2E-06	2.7E-08	1.7E-06			

Table H-312 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	3.0E-05	1.0E-07	9.9E-06		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	5.2E-05	1.8E-07	1.7E-05		
Formaldehyde	4.5E-13					4.8E-03	2.0E-05	7.7E-08	6.8E-06		
Propionaldehyde				2.2E-15	7.2E-14	1.6E-07	5.8E-06	2.0E-08	1.9E-06	1.7E-14	1.2E-12
CO											
Carbon monoxide						4.5E-05	1.7E-03	5.6E-06	5.6E-04		
CO2											
Carbon dioxide						1.4E-06	5.0E-05	1.8E-07	1.7E-05		
Criteria											
Sulfur Dioxide						3.8E-07	1.2E-05	4.7E-08	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	4.0E-14	8.5E-15	3.2E-13	8.5E-13	3.4E-11	1.1E-13	1.1E-11	4.2E-19	3.4E-17
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	4.1E-14	8.6E-15	3.2E-13	8.6E-13	3.4E-11	1.1E-13	1.1E-11	4.2E-19	3.5E-17
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	4.9E-15	9.9E-16	3.9E-14	1.1E-13	4.4E-12	1.4E-14	1.5E-12	4.8E-20	4.2E-18
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	4.7E-15	9.7E-16	3.7E-14	1.0E-13	4.1E-12	1.3E-14	1.4E-12	4.7E-20	4.0E-18
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	3.8E-14	7.7E-15	3.0E-13	8.3E-13	3.3E-11	1.0E-13	1.1E-11	3.8E-19	3.2E-17
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	9.7E-15	2.0E-15	7.7E-14	2.1E-13	8.7E-12	2.7E-14	2.9E-12	9.7E-20	8.3E-18
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	1.2E-14	2.5E-15	9.8E-14	2.7E-13	1.1E-11	3.4E-14	3.6E-12	1.2E-19	1.1E-17
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.5E-14	3.1E-15	1.2E-13	3.2E-13	1.3E-11	4.1E-14	4.4E-12	1.5E-19	1.3E-17
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	8.9E-16	1.8E-16	7.1E-15	2.1E-14	8.4E-13	2.6E-15	2.8E-13	8.8E-21	7.6E-19
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	5.4E-15	1.1E-15	4.3E-14	1.3E-13	5.3E-12	1.6E-14	1.8E-12	5.4E-20	4.6E-18
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	6.4E-15	1.3E-15	5.1E-14	1.8E-13	7.5E-12	2.3E-14	2.5E-12	6.3E-20	5.5E-18

Table H-312 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.9E-14	3.9E-15	1.5E-13	4.2E-13	1.7E-11	5.2E-14	5.6E-12	1.9E-19	1.6E-17
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.5E-14	3.1E-15	1.2E-13	4.1E-13	1.7E-11	5.2E-14	5.6E-12	1.5E-19	1.3E-17
2,3,7,8-TCDD	2.7E-18	5.5E-17	8.0E-16	2.2E-16	6.3E-15	5.2E-14	1.7E-12	6.5E-15	5.8E-13	7.4E-18	4.7E-16
2,3,7,8-TCDF	8.2E-18	1.0E-16	2.0E-15	4.0E-16	1.6E-14	1.9E-13	7.8E-12	2.4E-14	2.6E-12	2.0E-20	1.7E-18
OCDD	2.5E-20	1.5E-15	2.7E-14	5.8E-15	2.1E-13	5.6E-13	2.2E-11	7.0E-14	7.4E-12	2.8E-19	2.3E-17
OCDF	9.3E-21	5.7E-16	1.0E-14	2.2E-15	8.0E-14	2.1E-13	8.2E-12	2.6E-14	2.7E-12	1.1E-19	8.6E-18
HCN											
Hydrogen cyanide						1.6E-07	6.2E-06	2.0E-08	2.1E-06		
Metals											
Aluminum				1.2E-02						5.7E-07	
Antimony	1.6E-17			7.7E-07		1.0E-08	2.6E-07	1.3E-09	8.6E-08	3.8E-11	
Arsenic	8.1E-16	2.7E-06	4.8E-17	6.4E-06	2.3E-16	5.9E-10	2.1E-08	7.4E-11	7.0E-09	5.2E-10	4.1E-20
Barium	2.7E-12			4.4E-09	1.5E-07	1.3E-07	3.4E-06	1.6E-08	1.1E-06	2.1E-13	1.6E-11
Beryllium	3.3E-17			1.0E-15	3.9E-14	4.3E-11	1.5E-09	5.4E-12	4.8E-10	5.1E-20	4.3E-18
Cadmium	8.3E-15			8.2E-16	3.1E-14	7.6E-10	2.6E-08	9.5E-11	8.8E-09	4.0E-20	3.4E-18
Chromium	2.8E-15			9.6E-11	3.7E-09	6.5E-09	2.3E-07	8.1E-10	7.7E-08	4.7E-15	4.0E-13
Cobalt				3.3E-05	1.4E-08	9.8E-09	1.8E-07	1.2E-09	6.0E-08	1.6E-09	1.5E-12
Copper				4.5E-10	1.7E-08	1.8E-08	6.1E-07	2.2E-09	2.0E-07	2.2E-14	1.8E-12
Iron				2.7E-02						1.3E-06	
Lead	6.9E-18			1.1E-04	3.8E-12	6.0E-09	2.0E-07	7.5E-10	6.5E-08	5.5E-09	4.1E-16
Manganese				8.0E-13	3.1E-11	5.5E-09	1.9E-07	6.8E-10	6.3E-08	3.9E-17	3.3E-15
Mercury (+2)				6.4E-14	2.0E-12	2.4E-11	8.3E-10	2.9E-12	2.8E-10	3.1E-18	2.1E-16
Mercury, elemental				2.7E-08		9.8E-14	3.5E-12	1.2E-14	1.2E-12	5.2E-08	
Methyl Mercury	1.3E-14			3.8E-15	1.5E-13					1.9E-19	1.6E-17

Table H-312 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	1.6E-13	3.5E-09	1.2E-07	4.3E-10	4.0E-08	2.7E-08	1.7E-17
Phosphorus				7.5E-15	2.8E-13	2.6E-08	8.6E-07	3.3E-09	2.9E-07	7.2E-14	5.9E-12
Selenium	2.8E-16			4.0E-17	1.6E-15	1.7E-10	6.1E-09	2.2E-11	2.0E-09	2.0E-21	1.7E-19
Silver	2.1E-16			8.5E-13	3.2E-11	1.1E-10	3.7E-09	1.4E-11	1.2E-09	4.2E-17	3.4E-15
Thallium (Soluble Salts)				8.1E-08						4.0E-12	
Titanium				8.0E-15	3.2E-13	6.1E-11	2.3E-09	7.6E-12	7.6E-10	3.9E-19	3.5E-17
Zinc	4.1E-12			1.8E-13	6.5E-12	1.4E-07	3.9E-06	1.7E-08	1.3E-06	9.0E-18	7.0E-16
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	5.2E-05	2.0E-07	1.7E-05		
PAHs											
1-Methylnaphthalene		2.4E-16	4.9E-15	2.2E-16	8.9E-15	3.3E-08	1.4E-06	4.1E-09	4.6E-07	2.5E-16	2.2E-14
1-Methylphenanthrene				1.5E-13	6.0E-12	3.9E-09	1.7E-07	4.9E-10	5.5E-08	7.1E-18	6.5E-16
2,3,5-Trimethylnaphthalene				6.8E-14	3.0E-12	1.9E-09	8.4E-08	2.4E-10	2.8E-08	3.3E-18	3.2E-16
2,6-Dimethylnaphthalene				1.9E-13	7.9E-12	5.1E-09	2.2E-07	6.4E-10	7.3E-08	9.1E-18	8.5E-16
2-Methylnaphthalene		2.3E-16	4.7E-15	2.1E-16	8.6E-15	3.2E-08	1.3E-06	4.0E-09	4.4E-07	2.4E-16	2.2E-14
Acenaphthylene				6.0E-13	2.5E-11	1.9E-08	8.0E-07	2.4E-09	2.7E-07	2.9E-17	2.7E-15
Acenaphthene	3.4E-15					3.5E-09	1.4E-07	4.3E-10	4.8E-08		
Anthracene	4.3E-14					6.1E-09	2.6E-07	7.6E-10	8.6E-08		
Benzo(a)anthracene	6.2E-12	1.6E-07	4.4E-11	1.5E-07	8.0E-11	3.0E-09	1.3E-07	3.7E-10	4.3E-08	2.3E-09	2.7E-12
Benzo(a)pyrene	3.1E-12	1.7E-07	1.8E-11	1.5E-07	3.3E-11	1.2E-09	4.9E-08	1.5E-10	1.6E-08	7.6E-12	3.6E-15
Benzo(b)fluoranthene	8.3E-13	3.0E-07	1.0E-12	2.7E-07	1.8E-12	1.3E-09	5.3E-08	1.6E-10	1.8E-08	1.3E-11	2.0E-16
Benzo(e)pyrene				3.4E-14	1.3E-12	1.0E-09	4.1E-08	1.3E-10	1.4E-08	1.7E-18	1.4E-16
Benzo(g,h,i)perylene				2.5E-14	1.0E-12	7.7E-10	3.2E-08	9.6E-11	1.1E-08	1.2E-18	1.1E-16
Benzo(k)fluoranthene	7.9E-15	1.2E-07	7.3E-13	1.1E-07	1.3E-12	1.2E-11	2.1E-10	1.5E-12	6.9E-11	5.5E-12	1.4E-16

Table H-312 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	1.4E-13	1.1E-07	4.7E-06	1.4E-08	1.6E-06	2.0E-15	1.8E-13
Chrysene	1.1E-12	2.4E-07	5.6E-11	2.1E-07	1.0E-10	5.1E-09	2.1E-07	6.4E-10	7.1E-08	1.0E-11	1.1E-14
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	6.8E-12	3.1E-13	1.2E-11	1.9E-10	7.6E-09	2.3E-11	2.5E-09	1.5E-17	1.3E-15
Fluoranthene	2.8E-13	6.8E-14	1.4E-12	6.1E-14	2.5E-12	7.5E-09	3.1E-07	9.4E-10	1.0E-07	3.0E-18	2.7E-16
Fluorene	6.1E-14					1.9E-08	7.9E-07	2.3E-09	2.6E-07		
Indeno(1,2,3-cd)pyrene	4.0E-13	9.4E-08	1.8E-11	8.6E-08	3.3E-11	6.2E-10	2.5E-08	7.7E-11	8.5E-09	4.2E-12	3.6E-15
Napthalene	2.8E-14					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Perylene				1.3E-14	6.2E-13	4.6E-10	2.0E-08	5.8E-11	6.8E-09	6.5E-19	6.6E-17
Phenanthrene	2.9E-13					3.5E-08	1.5E-06	4.4E-09	4.8E-07		
Pyrene	2.0E-13	2.8E-13	5.7E-12	2.5E-13	1.0E-11	7.3E-09	3.0E-07	9.1E-10	1.0E-07	7.1E-15	6.4E-13
Particulate											
Particulate Total Suspended Particulate				3.0E-09	1.2E-07	2.3E-05	9.0E-04	2.9E-06	3.0E-04	1.5E-13	1.3E-11
PM<10				3.8E-09	1.6E-07	3.1E-05	1.2E-03	3.9E-06	4.0E-04	1.9E-13	1.7E-11
PM<2.5				3.2E-09	1.3E-07	2.6E-05	1.0E-03	3.3E-06	3.5E-04	1.6E-13	1.4E-11
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	2.0E-14	8.3E-16	3.3E-14	9.3E-11	3.8E-09	1.2E-11	1.3E-09	7.8E-17	6.8E-15
Heptachlorobiphenyl	2.3E-16	1.2E-16	2.2E-15	9.8E-17	3.8E-15	1.3E-12	5.1E-11	1.6E-13	1.7E-11	5.0E-18	4.2E-16
Hexachlorobiphenyl	9.4E-16	5.2E-16	9.4E-15	4.4E-16	1.6E-14	5.3E-12	2.1E-10	6.7E-13	6.9E-11	2.3E-17	1.8E-15
Monochlorobiphenyl	4.3E-14	6.9E-15	1.4E-13	5.8E-15	2.3E-13	6.5E-10	2.7E-08	8.1E-11	8.9E-09	5.4E-16	4.7E-14
Nonachlorobiphenyl	2.9E-17	2.0E-17	3.2E-16	1.7E-17	5.4E-16	1.8E-13	6.4E-12	2.2E-14	2.1E-12	8.8E-19	6.0E-17
Octachlorobiphenyl	6.9E-17	3.8E-17	6.9E-16	3.2E-17	1.2E-15	3.9E-13	1.5E-11	4.9E-14	5.1E-12	1.6E-18	1.3E-16
Pentachlorobiphenyl	3.1E-15	1.9E-15	3.2E-14	1.6E-15	5.5E-14	1.8E-11	6.9E-10	2.3E-12	2.3E-10	8.1E-17	6.1E-15
Tetrachlorobiphenyl	1.8E-15	3.8E-16	6.4E-15	3.2E-16	1.1E-14	3.0E-11	1.1E-09	3.8E-12	3.8E-10	3.0E-17	2.2E-15
Trichlorobiphenyl	2.4E-15	4.5E-16	8.1E-15	3.8E-16	1.4E-14	3.8E-11	1.5E-09	4.8E-12	4.9E-10	3.6E-17	2.8E-15

Table H-312 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				6.8E-06						2.2E-07	
Dieldrin		2.7E-08		3.2E-08						1.6E-12	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	8.7E-09	3.4E-11	2.9E-09		
1,2-dichlorobenzene	2.8E-18					1.1E-10	1.9E-09	1.4E-11	6.5E-10		
1,3-dichlorobenzene	6.9E-18					1.6E-10	5.5E-09	2.0E-11	1.8E-09		
1,4-dichlorobenzene	9.2E-17					1.5E-09	6.8E-08	1.9E-10	2.3E-08		
2,4-Dimethylphenol	2.5E-15					2.4E-08	9.5E-07	3.0E-09	3.2E-07		
2-Chlorophenol	1.3E-16					4.7E-09	2.1E-07	5.9E-10	6.9E-08		
2-Methylphenol	5.3E-14					5.6E-08	2.3E-06	7.0E-09	7.8E-07		
2-Nitrophenol	3.2E-16					7.6E-09	3.1E-07	9.4E-10	1.0E-07		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.5E-10	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.8E-16	1.7E-14
4-Nitrophenol	6.5E-16					1.3E-08	4.8E-07	1.6E-09	1.6E-07		
Acetophenone	3.9E-15					1.2E-07	4.9E-06	1.5E-08	1.6E-06		
Benzoic acid	1.6E-14					5.4E-07	2.2E-05	6.7E-08	7.5E-06		
Benzyl alcohol	9.8E-18					4.5E-09	1.4E-07	5.6E-10	4.5E-08		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	1.2E-10	8.0E-12	2.9E-10	1.9E-07	7.4E-06	2.4E-08	2.5E-06	3.9E-16	3.1E-14
Butyl benzyl phthalate	1.8E-13	3.3E-15	6.6E-14	3.8E-15	1.6E-13	6.0E-09	2.5E-07	7.5E-10	8.3E-08	1.9E-19	1.7E-17
Carbazole				1.4E-14	2.6E-13	1.7E-10	3.0E-09	2.1E-11	1.0E-09	6.9E-19	2.8E-17
Dibenzofuran		1.4E-16	2.9E-15	5.7E-16	2.3E-14	9.5E-09	3.9E-07	1.2E-09	1.3E-07	2.4E-16	2.1E-14
Dimethyl phthalate	6.5E-17					3.3E-10	5.9E-09	4.2E-11	2.0E-09		
Di-n-butyl phthalate	1.7E-12	3.3E-15	6.7E-14	3.9E-15	1.6E-13	9.2E-09	3.8E-07	1.1E-09	1.3E-07	1.9E-19	1.7E-17
Di-n-octyl phthalate	1.3E-17	9.4E-15	8.7E-14	1.1E-14	2.1E-13	6.4E-10	1.1E-08	8.0E-11	3.8E-09	5.5E-19	2.2E-17

Table H-312 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	7.9E-07	5.5E-09	2.6E-07		
Isopropanol						5.9E-03					
Phenol	1.5E-13					3.0E-07	1.2E-05	3.8E-08	4.2E-06		
Pyridine	7.7E-15					2.9E-08	1.2E-06	3.6E-09	4.0E-07		
TRS											
Total Reduced Sulfur						2.9E-07	1.3E-05	3.6E-08	4.2E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	4.6E-09	1.7E-11	1.5E-09		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	5.0E-09	1.7E-11	1.7E-09		
1,1-Dichloroethene	6.0E-21					2.6E-11	4.6E-10	3.2E-12	1.5E-10		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	2.0E-08	6.7E-11	6.6E-09		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	1.9E-09	1.4E-11	6.4E-10		
1,2,4-Trimethylbenzene						6.2E-09	2.0E-07	7.8E-10	6.6E-08		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.2E-09	8.6E-12	4.1E-10		
1,2-Dichloroethane	1.2E-17					2.3E-05	1.0E-07	1.0E-06	3.5E-08		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.7E-07	7.3E-10	5.8E-08		
1,3-Dichloropropane						6.7E-11	1.2E-09	8.4E-12	4.0E-10		
2-Butanone	2.4E-15					3.3E-08	1.3E-06	4.1E-09	4.4E-07		
2-Chlorotoluene						1.5E-09	6.1E-08	1.8E-10	2.0E-08		
2-Hexanone						6.8E-09	2.5E-07	8.4E-10	8.2E-08		
Benzene	2.0E-15					8.2E-04	3.4E-05	9.7E-06	1.1E-05		
Bromobenzene						3.7E-08	6.6E-07	4.7E-09	2.2E-07		
Bromochloromethane						8.8E-11	1.6E-09	1.1E-11	5.2E-10		
Bromodichloromethane	3.1E-19					9.5E-11	1.7E-09	1.2E-11	5.7E-10		

Table H-312 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	1.1E-07	4.8E-10	3.8E-08		
Carbon disulfide	1.3E-18					3.3E-09	9.8E-08	4.2E-10	3.3E-08		
Carbon tetrachloride	1.3E-19					1.6E-04	3.9E-09	1.5E-05	1.3E-09		
Chlorobenzene	4.7E-17					4.8E-09	1.7E-07	6.0E-10	5.7E-08		
Chlorodibromomethane	1.8E-17					2.4E-09	4.2E-08	3.0E-10	1.4E-08		
Chloroethane	3.7E-18					9.1E-09	3.2E-07	1.1E-09	1.1E-07		
Chloroform	2.8E-18					3.7E-05	3.8E-08	2.4E-06	1.3E-08		
Chloromethane	9.8E-18					3.1E-08	9.4E-07	3.9E-09	3.1E-07		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	7.1E-08	5.0E-10	2.4E-08		
cis-1,3-Dichloropropene						2.4E-11	4.3E-10	3.0E-12	1.4E-10		
Dibromomethane	4.2E-19					2.0E-10	3.6E-09	2.5E-11	1.2E-09		
Dichlorodifluoromethane	4.7E-21					2.5E-10	4.4E-09	3.1E-11	1.5E-09		
Ethylbenzene	1.5E-15					2.1E-04	7.4E-06	2.4E-08	2.5E-06		
Isopropylbenzene	2.0E-18					1.6E-08	5.4E-07	2.0E-09	1.8E-07		
m&p-Xylene	2.4E-16					3.6E-08	1.2E-06	4.6E-09	4.1E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	6.4E-09	4.5E-11	2.1E-09		
Methylene chloride	2.6E-17					1.8E-08	6.6E-07	2.3E-09	2.2E-07		
n-Butylbenzene						7.8E-09	2.3E-07	9.7E-10	7.7E-08		
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07		
o-Xylene	2.8E-16					2.3E-08	7.6E-07	2.9E-09	2.5E-07		
p-Chlorotoluene						5.5E-10	1.7E-08	6.9E-11	5.6E-09		
p-Isopropyltoluene						3.8E-09	9.2E-08	4.8E-10	3.1E-08		
sec-Butylbenzene						1.4E-09	4.3E-08	1.8E-10	1.4E-08		
Styrene	9.4E-15					5.1E-07	1.9E-05	6.4E-08	6.2E-06		

Table H-312 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)
tert-Butylbenzene						4.6E-08	8.1E-07	5.7E-09	2.7E-07			
Tetrachloroethene	6.6E-19					1.2E-10	4.2E-09	1.5E-11	1.4E-09			
Toluene	1.6E-15					3.2E-07	1.2E-05	3.9E-08	4.1E-06			
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	1.5E-06	1.1E-08	5.0E-07			
trans-1,3-Dichloropropene						4.2E-11	7.5E-10	5.3E-12	2.5E-10			
Trichloroethene	6.8E-21					5.0E-06	1.3E-10	9.1E-13	4.3E-11			
Trichlorofluoromethane	1.0E-20					8.7E-11	1.6E-09	1.1E-11	5.2E-10			
Vinyl chloride	4.8E-19					5.0E-09	1.2E-07	6.2E-10	4.0E-08			

Table H-313 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			3.6E-05	4.5E-06	
Aldehydes					
Acetaldehyde			6.2E-05	7.8E-06	
Formaldehyde			1.4E-01	3.3E-06	
Propionaldehyde		9.6E-17	6.8E-06	8.5E-07	7.2E-13
CO					
Carbon monoxide			1.9E-03	2.4E-04	
CO2					
Carbon dioxide			6.0E-05	7.5E-06	
Criteria					
Sulfur Dioxide			1.6E-05	2.0E-06	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	5.3E-17	2.1E-16	3.6E-11	4.5E-12	1.0E-17
1,2,3,4,6,7,8-HpCDF	5.4E-17	2.1E-16	3.7E-11	4.6E-12	1.0E-17
1,2,3,4,7,8,9-HpCDF	6.2E-18	2.4E-17	4.7E-12	5.8E-13	1.2E-18
1,2,3,4,7,8-HxCDD	6.1E-18	2.4E-17	4.4E-12	5.4E-13	1.2E-18
1,2,3,4,7,8-HxCDF	4.8E-17	1.9E-16	3.5E-11	4.4E-12	9.3E-18
1,2,3,6,7,8-HxCDD	1.2E-17	4.9E-17	9.2E-12	1.1E-12	2.4E-18
1,2,3,6,7,8-HxCDF	1.6E-17	6.2E-17	1.1E-11	1.4E-12	3.0E-18
1,2,3,7,8,9-HxCDD	1.9E-17	7.7E-17	1.4E-11	1.7E-12	3.8E-18
1,2,3,7,8,9-HxCDF	1.1E-18	4.4E-18	8.8E-13	1.1E-13	2.2E-19

Table H-313 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	6.8E-18	2.7E-17	5.5E-12	6.9E-13	1.3E-18
1,2,3,7,8-PeCDF	8.0E-18	3.2E-17	7.9E-12	9.9E-13	1.6E-18
2,3,4,6,7,8-HxCDF	2.5E-17	9.7E-17	1.8E-11	2.2E-12	4.7E-18
2,3,4,7,8-PeCDF	1.9E-17	7.6E-17	1.8E-11	2.2E-12	3.7E-18
2,3,7,8-TCDD	1.4E-18	5.5E-18	2.2E-12	2.8E-13	1.9E-16
2,3,7,8-TCDF	2.5E-18	1.0E-17	8.2E-12	1.0E-12	4.9E-19
OCDD	3.6E-17	1.4E-16	2.4E-11	3.0E-12	7.0E-18
OCDF	1.4E-17	5.5E-17	9.1E-12	1.1E-12	2.7E-18
HCN					
Hydrogen cyanide			6.8E-06	8.5E-07	
Metals					
Aluminum		4.4E-04			2.1E-05
Antimony		1.6E-08	4.5E-07	5.6E-08	7.9E-10
Arsenic	1.5E-08	3.6E-08	2.5E-08	3.2E-09	3.0E-09
Barium		1.2E-10	5.4E-06	6.7E-07	5.7E-12
Beryllium		4.5E-17	1.8E-09	2.3E-10	2.2E-18
Cadmium		3.5E-17	3.2E-08	4.1E-09	1.7E-18
Chromium		3.0E-12	2.8E-07	3.5E-08	1.5E-13
Cobalt		1.1E-06	4.2E-07	5.3E-08	5.6E-08
Copper		1.2E-11	7.6E-07	9.5E-08	6.1E-13
Iron		9.7E-04			4.8E-05
Lead		4.6E-06	2.6E-07	3.2E-08	2.2E-07

Table H-313 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		3.4E-14	2.3E-07	2.9E-08	1.7E-15
Mercury (+2)		1.4E-15	1.0E-09	1.3E-10	6.7E-17
Mercury, elemental		7.3E-08	4.2E-12	5.3E-13	1.4E-04
Methyl Mercury		8.2E-17			4.0E-18
Nickel		2.4E-05	1.5E-07	1.9E-08	1.2E-06
Phosphorus		3.2E-16	1.1E-06	1.4E-07	3.1E-12
Selenium		1.7E-18	7.5E-09	9.3E-10	8.5E-20
Silver		3.2E-14	4.9E-09	6.1E-10	1.6E-15
Titanium		3.4E-16	2.6E-09	3.3E-10	1.7E-17
Zinc		7.9E-15	5.9E-06	7.3E-07	3.9E-16
NOx					
NOx (Oxides of Nitrogen)			6.7E-05	8.4E-06	
PAHs					
1-Methylnaphthalene	1.0E-17	9.3E-18	1.4E-06	1.8E-07	1.1E-14
1-Methylphenanthrene		6.2E-15	1.7E-07	2.1E-08	3.0E-16
2,3,5-Trimethylnaphthalene		2.9E-15	8.4E-08	1.0E-08	1.4E-16
2,6-Dimethylnaphthalene		8.0E-15	2.2E-07	2.8E-08	3.9E-16
2-Methylnaphthalene	9.9E-18	9.0E-18	1.4E-06	1.7E-07	1.0E-14
Acenaphthylene		2.6E-14	8.1E-07	1.0E-07	1.3E-15
Acenaphthene			1.5E-07	1.9E-08	
Anthracene			2.6E-07	3.2E-08	
Benzo(a)anthracene	9.5E-10	8.6E-10	1.3E-07	1.6E-08	1.3E-08

Table H-313 (Lifetime Average Daily Dose)

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Exposure Unit	08
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Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)pyrene	1.1E-09	1.0E-09	5.0E-08	6.3E-09	4.9E-11
Benzo(b)fluoranthene	2.0E-09	1.8E-09	5.6E-08	7.0E-09	8.9E-11
Benzo(e)pyrene		1.5E-15	4.3E-08	5.4E-09	7.2E-17
Benzo(g,h,i)perylene		1.1E-15	3.3E-08	4.1E-09	5.3E-17
Benzo(k)fluoranthene	1.5E-09	1.4E-09	5.0E-10	6.2E-11	6.7E-11
Biphenyl		1.4E-16	4.8E-06	6.0E-07	8.4E-14
Chrysene	1.2E-09	1.1E-09	2.2E-07	2.7E-08	5.2E-11
Dibenze(a,h)anthracene	1.3E-14	1.2E-14	8.0E-09	9.9E-10	5.7E-16
Fluoranthene	2.7E-15	2.5E-15	3.2E-07	4.0E-08	1.2E-16
Fluorene			8.0E-07	1.0E-07	
Indeno(1,2,3-cd)pyrene	4.8E-10	4.4E-10	2.6E-08	3.3E-09	2.2E-11
Napthalene			6.4E-06	8.0E-07	
Perylene		5.6E-16	2.0E-08	2.5E-09	2.8E-17
Phenanthrene			1.5E-06	1.9E-07	
Pyrene	9.2E-15	8.3E-15	3.1E-07	3.9E-08	2.3E-13
Particulate					
Particulate Total Suspended Particulate		1.3E-10	1.0E-03	1.3E-04	6.3E-12
PM<10		1.6E-10	1.3E-03	1.7E-04	8.0E-12
PM<2.5		1.4E-10	1.1E-03	1.4E-04	6.7E-12
PCBs					
Dichlorobiphenyl	2.5E-17	2.1E-17	4.0E-09	5.0E-10	1.9E-15
Heptachlorobiphenyl	2.9E-18	2.4E-18	5.4E-11	6.8E-12	1.2E-16

Table H-313 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Hexachlorobiphenyl	1.3E-17	1.1E-17	2.3E-10	2.9E-11	5.6E-16
Monochlorobiphenyl	1.7E-16	1.4E-16	2.8E-08	3.5E-09	1.4E-14
Nonachlorobiphenyl	5.1E-19	4.3E-19	7.7E-12	9.6E-13	2.2E-17
Octachlorobiphenyl	9.3E-19	7.8E-19	1.7E-11	2.1E-12	4.0E-17
Pentachlorobiphenyl	4.7E-17	3.9E-17	7.8E-10	9.8E-11	2.0E-15
Tetrachlorobiphenyl	9.4E-18	8.0E-18	1.3E-09	1.6E-10	7.4E-16
Trichlorobiphenyl	1.1E-17	9.6E-18	1.6E-09	2.0E-10	8.9E-16
Pesticides					
Chlordecone (Kepone)	5.4E-08	6.4E-08			3.1E-09
DDE		8.8E-09			2.8E-07
SVOCs					
1,2,4-trichlorobenzene			1.2E-08	1.4E-09	
1,2-dichlorobenzene			4.7E-09	5.8E-10	
1,3-Butadiene			9.3E-04		
1,3-dichlorobenzene			7.0E-09	8.7E-10	
1,4-dichlorobenzene			6.5E-08	8.1E-09	
2,4-Dimethylphenol			1.0E-06	1.3E-07	
2-Chlorophenol			2.0E-07	2.5E-08	
2-Methylphenol			2.4E-06	3.0E-07	
2-Nitrophenol			3.2E-07	4.0E-08	
3-Methylphenol & 4-Methylphenol		1.6E-13	4.3E-06	5.4E-07	7.7E-15
4-Nitrophenol			5.4E-07	6.7E-08	

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			5.1E-06	6.4E-07	
Benzoic acid			2.3E-05	2.9E-06	
Benzyl alcohol			1.9E-07	2.4E-08	
bis(2-Ethylhexyl) phthalate	2.9E-13	3.4E-13	8.1E-06	1.0E-06	1.7E-14
Butyl benzyl phthalate	1.4E-16	1.6E-16	2.6E-07	3.2E-08	8.1E-18
Carbazole		6.0E-16	7.2E-09	9.0E-10	2.9E-17
Dibenzofuran	6.2E-18	2.4E-17	4.1E-07	5.1E-08	1.0E-14
Dimethyl phthalate			1.4E-08	1.8E-09	
Di-n-butyl phthalate	1.4E-16	1.6E-16	3.9E-07	4.9E-08	8.1E-18
Di-n-octyl phthalate	4.0E-16	4.8E-16	2.8E-08	3.4E-09	2.3E-17
Hexachlorobutadiene			1.9E-06	2.4E-07	
Isopropanol			1.5E-02		
Phenol			1.3E-05	1.6E-06	
Pyridine			1.2E-06	1.5E-07	
TRS					
Total Reduced Sulfur			1.2E-05	1.6E-06	
VOCs					
1,1,1,2-Tetrachloroethane			5.8E-09	7.2E-10	
1,1,1-Trichloroethane			5.7E-09	7.1E-10	
1,1-Dichloroethene			1.1E-09	1.4E-10	
1,2,3-Trichlorobenzene			2.3E-08	2.9E-09	
1,2,3-Trichloropropane			4.6E-09	5.8E-10	

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Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			2.7E-07	3.3E-08	
1,2-Dibromoethane			3.0E-09	3.7E-10	
1,2-Dichloroethane			1.2E-07	4.3E-05	
1,3,5-Trimethylbenzene			2.5E-07	3.1E-08	
1,3-Dichloropropane			2.9E-09	3.6E-10	
2-Butanone			1.4E-06	1.8E-07	
2-Chlorotoluene			6.3E-08	7.9E-09	
2-Hexanone			2.9E-07	3.6E-08	
Benzene			3.6E-03	4.2E-04	
Bromobenzene			1.6E-06	2.0E-07	
Bromochloromethane			3.8E-09	4.7E-10	
Bromodichloromethane			4.1E-09	5.1E-10	
Bromomethane			1.6E-07	2.0E-08	
Carbon disulfide			1.4E-07	1.8E-08	
Carbon tetrachloride			6.4E-03	6.6E-04	
Chlorobenzene			2.1E-07	2.6E-08	
Chlorodibromomethane			1.0E-07	1.3E-08	
Chloroethane			3.9E-07	4.9E-08	
Chloroform			9.3E-04	1.0E-04	
Chloromethane			1.3E-06	1.7E-07	
cis-1,2-Dichloroethene			1.7E-07	2.1E-08	
cis-1,3-Dichloropropene			1.0E-09	1.3E-10	

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Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			8.7E-09	1.1E-09	
Dichlorodifluoromethane			1.1E-08	1.3E-09	
Ethylbenzene			1.2E-03	1.0E-06	
Isopropylbenzene			6.8E-07	8.4E-08	
m&p-Xylene			1.6E-06	2.0E-07	
Methyl Isobutyl Ketone (4-methyl-2-penta			1.5E-08	1.9E-09	
Methylene chloride			7.7E-07	9.7E-08	
n-Butylbenzene			3.3E-07	4.2E-08	
n-Propylbenzene			4.0E-07	5.0E-08	
o-Xylene			9.8E-07	1.2E-07	
p-Chlorotoluene			2.4E-08	3.0E-09	
p-Isopropyltoluene			1.6E-07	2.1E-08	
sec-Butylbenzene			6.1E-08	7.6E-09	
Styrene			2.2E-05	2.7E-06	
tert-Butylbenzene			2.0E-06	2.4E-07	
Tetrachloroethene			5.2E-09	6.5E-10	
Toluene			1.4E-05	1.7E-06	
trans-1,2-Dichloroethene			3.6E-06	4.5E-07	
trans-1,3-Dichloropropene			1.8E-09	2.3E-10	
Trichloroethene			3.1E-10	3.9E-11	
Trichlorofluoromethane			3.7E-09	4.7E-10	
Vinyl chloride			2.1E-07	2.7E-08	

Table H-314 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			8.4E-07	1.0E-07	
Aldehydes					
Acetaldehyde			1.4E-06	1.8E-07	
Formaldehyde			3.2E-03	7.7E-08	
Propionaldehyde		2.2E-15	1.6E-07	2.0E-08	1.7E-14
CO					
Carbon monoxide			4.5E-05	5.6E-06	
CO2					
Carbon dioxide			1.4E-06	1.8E-07	
Criteria					
Sulfur Dioxide			3.8E-07	4.7E-08	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	2.2E-15	8.5E-15	8.5E-13	1.1E-13	4.2E-19
1,2,3,4,6,7,8-HpCDF	2.2E-15	8.6E-15	8.6E-13	1.1E-13	4.2E-19
1,2,3,4,7,8,9-HpCDF	2.5E-16	9.9E-16	1.1E-13	1.4E-14	4.8E-20
1,2,3,4,7,8-HxCDD	2.5E-16	9.7E-16	1.0E-13	1.3E-14	4.7E-20
1,2,3,4,7,8-HxCDF	2.0E-15	7.7E-15	8.3E-13	1.0E-13	3.8E-19
1,2,3,6,7,8-HxCDD	5.0E-16	2.0E-15	2.1E-13	2.7E-14	9.7E-20
1,2,3,6,7,8-HxCDF	6.4E-16	2.5E-15	2.7E-13	3.4E-14	1.2E-19
1,2,3,7,8,9-HxCDD	7.9E-16	3.1E-15	3.2E-13	4.1E-14	1.5E-19
1,2,3,7,8,9-HxCDF	4.6E-17	1.8E-16	2.1E-14	2.6E-15	8.8E-21

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Exposure Scenario	Camp Justice
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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	2.8E-16	1.1E-15	1.3E-13	1.6E-14	5.4E-20
1,2,3,7,8-PeCDF	3.3E-16	1.3E-15	1.8E-13	2.3E-14	6.3E-20
2,3,4,6,7,8-HxCDF	1.0E-15	3.9E-15	4.2E-13	5.2E-14	1.9E-19
2,3,4,7,8-PeCDF	7.8E-16	3.1E-15	4.1E-13	5.2E-14	1.5E-19
2,3,7,8-TCDD	5.5E-17	2.2E-16	5.2E-14	6.5E-15	7.4E-18
2,3,7,8-TCDF	1.0E-16	4.0E-16	1.9E-13	2.4E-14	2.0E-20
OCDD	1.5E-15	5.8E-15	5.6E-13	7.0E-14	2.8E-19
OCDF	5.7E-16	2.2E-15	2.1E-13	2.6E-14	1.1E-19
HCN					
Hydrogen cyanide			1.6E-07	2.0E-08	
Metals					
Aluminum		1.0E-02			5.0E-07
Antimony		3.8E-07	1.0E-08	1.3E-09	1.8E-11
Arsenic	3.6E-07	8.5E-07	5.9E-10	7.4E-11	6.9E-11
Barium		4.4E-09	1.3E-07	1.6E-08	2.1E-13
Beryllium		1.0E-15	4.3E-11	5.4E-12	5.1E-20
Cadmium		8.2E-16	7.6E-10	9.5E-11	4.0E-20
Chromium		9.6E-11	6.5E-09	8.1E-10	4.7E-15
Cobalt		2.6E-05	9.8E-09	1.2E-09	1.3E-09
Copper		4.5E-10	1.8E-08	2.2E-09	2.2E-14
Iron		2.3E-02			1.1E-06
Lead		1.1E-04	6.0E-09	7.5E-10	5.2E-09

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Exposure Scenario	Camp Justice
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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		8.0E-13	5.5E-09	6.8E-10	3.9E-17
Mercury (+2)		6.4E-14	2.4E-11	2.9E-12	3.1E-18
Mercury, elemental		1.7E-06	9.8E-14	1.2E-14	3.3E-06
Methyl Mercury		3.8E-15			1.9E-19
Nickel		5.6E-04	3.5E-09	4.3E-10	2.7E-08
Phosphorus		7.5E-15	2.6E-08	3.3E-09	7.2E-14
Selenium		4.0E-17	1.7E-10	2.2E-11	2.0E-21
Silver		8.5E-13	1.1E-10	1.4E-11	4.2E-17
Titanium		8.0E-15	6.1E-11	7.6E-12	3.9E-19
Zinc		1.8E-13	1.4E-07	1.7E-08	9.0E-18
NOx					
NOx (Oxides of Nitrogen)			1.6E-06	2.0E-07	
PAHs					
1-Methylnaphthalene	2.4E-16	2.2E-16	3.3E-08	4.1E-09	2.5E-16
1-Methylphenanthrene		1.5E-13	3.9E-09	4.9E-10	7.1E-18
2,3,5-Trimethylnaphthalene		6.8E-14	1.9E-09	2.4E-10	3.3E-18
2,6-Dimethylnaphthalene		1.9E-13	5.1E-09	6.4E-10	9.1E-18
2-Methylnaphthalene	2.3E-16	2.1E-16	3.2E-08	4.0E-09	2.4E-16
Acenaphthylene		6.0E-13	1.9E-08	2.4E-09	2.9E-17
Acenaphthene			3.5E-09	4.3E-10	
Anthracene			6.1E-09	7.6E-10	
Benzo(a)anthracene	2.2E-08	2.0E-08	3.0E-09	3.7E-10	3.0E-10

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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)pyrene	2.6E-08	2.4E-08	1.2E-09	1.5E-10	1.2E-12
Benzo(b)fluoranthene	4.7E-08	4.2E-08	1.3E-09	1.6E-10	2.1E-12
Benzo(e)pyrene		3.4E-14	1.0E-09	1.3E-10	1.7E-18
Benzo(g,h,i)perylene		2.5E-14	7.7E-10	9.6E-11	1.2E-18
Benzo(k)fluoranthene	3.5E-08	3.2E-08	1.2E-11	1.5E-12	1.6E-12
Biphenyl		3.3E-15	1.1E-07	1.4E-08	2.0E-15
Chrysene	2.7E-08	2.5E-08	5.1E-09	6.4E-10	1.2E-12
Dibenze(a,h)anthracene	3.4E-13	3.1E-13	1.9E-10	2.3E-11	1.5E-17
Fluoranthene	6.8E-14	6.1E-14	7.5E-09	9.4E-10	3.0E-18
Fluorene			1.9E-08	2.3E-09	
Indeno(1,2,3-cd)pyrene	1.1E-08	1.0E-08	6.2E-10	7.7E-11	5.0E-13
Napthalene			1.5E-07	1.9E-08	
Perylene		1.3E-14	4.6E-10	5.8E-11	6.5E-19
Phenanthrene			3.5E-08	4.4E-09	
Pyrene	2.8E-13	2.5E-13	7.3E-09	9.1E-10	7.1E-15
Particulate					
Particulate Total Suspended Particulate		3.0E-09	2.3E-05	2.9E-06	1.5E-13
PM<10		3.8E-09	3.1E-05	3.9E-06	1.9E-13
PM<2.5		3.2E-09	2.6E-05	3.3E-06	1.6E-13
PCBs					
Dichlorobiphenyl	9.9E-16	8.3E-16	9.3E-11	1.2E-11	7.8E-17
Heptachlorobiphenyl	1.2E-16	9.8E-17	1.3E-12	1.6E-13	5.0E-18

Table H-314 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Hexachlorobiphenyl	5.2E-16	4.4E-16	5.3E-12	6.7E-13	2.3E-17
Monochlorobiphenyl	6.9E-15	5.8E-15	6.5E-10	8.1E-11	5.4E-16
Nonachlorobiphenyl	2.0E-17	1.7E-17	1.8E-13	2.2E-14	8.8E-19
Octachlorobiphenyl	3.8E-17	3.2E-17	3.9E-13	4.9E-14	1.6E-18
Pentachlorobiphenyl	1.9E-15	1.6E-15	1.8E-11	2.3E-12	8.1E-17
Tetrachlorobiphenyl	3.8E-16	3.2E-16	3.0E-11	3.8E-12	3.0E-17
Trichlorobiphenyl	4.5E-16	3.8E-16	3.8E-11	4.8E-12	3.6E-17
Pesticides					
Chlordecone (Kepone)	1.3E-06	1.5E-06			7.3E-11
DDE		2.1E-07			6.5E-09
SVOCs					
1,2,4-trichlorobenzene			2.7E-10	3.4E-11	
1,2-dichlorobenzene			1.1E-10	1.4E-11	
1,3-Butadiene			2.2E-05		
1,3-dichlorobenzene			1.6E-10	2.0E-11	
1,4-dichlorobenzene			1.5E-09	1.9E-10	
2,4-Dimethylphenol			2.4E-08	3.0E-09	
2-Chlorophenol			4.7E-09	5.9E-10	
2-Methylphenol			5.6E-08	7.0E-09	
2-Nitrophenol			7.6E-09	9.4E-10	
3-Methylphenol & 4-Methylphenol		3.7E-12	1.0E-07	1.3E-08	1.8E-16
4-Nitrophenol			1.3E-08	1.6E-09	

Table H-314 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			1.2E-07	1.5E-08	
Benzoic acid			5.4E-07	6.7E-08	
Benzyl alcohol			4.5E-09	5.6E-10	
bis(2-Ethylhexyl) phthalate	6.7E-12	8.0E-12	1.9E-07	2.4E-08	3.9E-16
Butyl benzyl phthalate	3.3E-15	3.8E-15	6.0E-09	7.5E-10	1.9E-19
Carbazole		1.4E-14	1.7E-10	2.1E-11	6.9E-19
Dibenzofuran	1.4E-16	5.7E-16	9.5E-09	1.2E-09	2.4E-16
Dimethyl phthalate			3.3E-10	4.2E-11	
Di-n-butyl phthalate	3.3E-15	3.9E-15	9.2E-09	1.1E-09	1.9E-19
Di-n-octyl phthalate	9.4E-15	1.1E-14	6.4E-10	8.0E-11	5.5E-19
Hexachlorobutadiene			4.4E-08	5.5E-09	
Isopropanol			3.4E-04		
Phenol			3.0E-07	3.8E-08	
Pyridine			2.9E-08	3.6E-09	
TRS					
Total Reduced Sulfur			2.9E-07	3.6E-08	
VOCs					
1,1,1,2-Tetrachloroethane			1.3E-10	1.7E-11	
1,1,1-Trichloroethane			1.3E-10	1.7E-11	
1,1-Dichloroethene			2.6E-11	3.2E-12	
1,2,3-Trichlorobenzene			5.3E-10	6.7E-11	
1,2,3-Trichloropropane			1.1E-10	1.4E-11	

Table H-314 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			6.2E-09	7.8E-10	
1,2-Dibromoethane			6.9E-11	8.6E-12	
1,2-Dichloroethane			2.8E-09	1.0E-06	
1,3,5-Trimethylbenzene			5.9E-09	7.3E-10	
1,3-Dichloropropane			6.7E-11	8.4E-12	
2-Butanone			3.3E-08	4.1E-09	
2-Chlorotoluene			1.5E-09	1.8E-10	
2-Hexanone			6.8E-09	8.4E-10	
Benzene			8.4E-05	9.7E-06	
Bromobenzene			3.7E-08	4.7E-09	
Bromochloromethane			8.8E-11	1.1E-11	
Bromodichloromethane			9.5E-11	1.2E-11	
Bromomethane			3.8E-09	4.8E-10	
Carbon disulfide			3.3E-09	4.2E-10	
Carbon tetrachloride			1.5E-04	1.5E-05	
Chlorobenzene			4.8E-09	6.0E-10	
Chlorodibromomethane			2.4E-09	3.0E-10	
Chloroethane			9.1E-09	1.1E-09	
Chloroform			2.2E-05	2.4E-06	
Chloromethane			3.1E-08	3.9E-09	
cis-1,2-Dichloroethene			4.0E-09	5.0E-10	
cis-1,3-Dichloropropene			2.4E-11	3.0E-12	

Table H-314 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			2.0E-10	2.5E-11	
Dichlorodifluoromethane			2.5E-10	3.1E-11	
Ethylbenzene			2.7E-05	2.4E-08	
Isopropylbenzene			1.6E-08	2.0E-09	
m&p-Xylene			3.6E-08	4.6E-09	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.6E-10	4.5E-11	
Methylene chloride			1.8E-08	2.3E-09	
n-Butylbenzene			7.8E-09	9.7E-10	
n-Propylbenzene			9.4E-09	1.2E-09	
o-Xylene			2.3E-08	2.9E-09	
p-Chlorotoluene			5.5E-10	6.9E-11	
p-Isopropyltoluene			3.8E-09	4.8E-10	
sec-Butylbenzene			1.4E-09	1.8E-10	
Styrene			5.1E-07	6.4E-08	
tert-Butylbenzene			4.6E-08	5.7E-09	
Tetrachloroethene			1.2E-10	1.5E-11	
Toluene			3.2E-07	3.9E-08	
trans-1,2-Dichloroethene			8.4E-08	1.1E-08	
trans-1,3-Dichloropropene			4.2E-11	5.3E-12	
Trichloroethene			7.3E-12	9.1E-13	
Trichlorofluoromethane			8.7E-11	1.1E-11	
Vinyl chloride			5.0E-09	6.2E-10	

Table H-315 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.6E-05	8.3E-05	4.5E-06	4.5E-06		
Aldehydes											
Acetaldehyde	3.9E-15					6.2E-05	1.4E-04	7.8E-06	7.8E-06		
Formaldehyde	1.9E-14					1.4E-01	6.1E-05	3.3E-06	3.3E-06		
Propionaldehyde				9.6E-17	2.7E-16	6.8E-06	1.6E-05	8.5E-07	8.5E-07	7.2E-13	4.4E-12
CO											
Carbon monoxide						1.9E-03	4.4E-03	2.4E-04	2.4E-04		
CO2											
Carbon dioxide						6.0E-05	1.4E-04	7.5E-06	7.5E-06		
Criteria											
Sulfur Dioxide						1.6E-05	3.7E-05	2.0E-06	2.0E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	5.3E-20	5.3E-17	7.4E-17	2.1E-16	5.9E-16	3.6E-11	8.4E-11	4.5E-12	4.5E-12	1.0E-17	6.3E-17
1,2,3,4,6,7,8-HpCDF	5.1E-20	5.4E-17	7.5E-17	2.1E-16	5.9E-16	3.7E-11	8.5E-11	4.6E-12	4.6E-12	1.0E-17	6.4E-17
1,2,3,4,7,8,9-HpCDF	7.8E-21	6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.7E-12	1.1E-11	5.8E-13	5.8E-13	1.2E-18	7.4E-18
1,2,3,4,7,8-HxCDD	6.0E-20	6.1E-18	8.5E-18	2.4E-17	6.7E-17	4.4E-12	1.0E-11	5.4E-13	5.4E-13	1.2E-18	7.2E-18
1,2,3,4,7,8-HxCDF	4.1E-19	4.8E-17	6.7E-17	1.9E-16	5.3E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	9.3E-18	5.7E-17
1,2,3,6,7,8-HxCDD	1.1E-19	1.2E-17	1.7E-17	4.9E-17	1.4E-16	9.2E-12	2.1E-11	1.1E-12	1.1E-12	2.4E-18	1.5E-17
1,2,3,6,7,8-HxCDF	1.5E-19	1.6E-17	2.2E-17	6.2E-17	1.7E-16	1.1E-11	2.7E-11	1.4E-12	1.4E-12	3.0E-18	1.9E-17
1,2,3,7,8,9-HxCDD	1.7E-19	1.9E-17	2.7E-17	7.7E-17	2.1E-16	1.4E-11	3.2E-11	1.7E-12	1.7E-12	3.8E-18	2.3E-17
1,2,3,7,8,9-HxCDF	1.2E-20	1.1E-18	1.6E-18	4.4E-18	1.2E-17	8.8E-13	2.0E-12	1.1E-13	1.1E-13	2.2E-19	1.3E-18
1,2,3,7,8-PeCDD	3.2E-19	6.8E-18	9.6E-18	2.7E-17	7.6E-17	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.3E-18	8.1E-18
1,2,3,7,8-PeCDF	4.4E-19	8.0E-18	1.1E-17	3.2E-17	8.9E-17	7.9E-12	1.8E-11	9.9E-13	9.9E-13	1.6E-18	9.6E-18

Table H-315 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	2.2E-19	2.5E-17	3.4E-17	9.7E-17	2.7E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	4.7E-18	2.9E-17
2,3,4,7,8-PeCDF	7.0E-19	1.9E-17	2.7E-17	7.6E-17	2.1E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	3.7E-18	2.3E-17
2,3,7,8-TCDD	1.1E-19	1.4E-18	1.9E-18	5.5E-18	1.5E-17	2.2E-12	5.1E-12	2.8E-13	2.8E-13	1.9E-16	1.1E-15
2,3,7,8-TCDF	3.4E-19	2.5E-18	3.5E-18	1.0E-17	2.8E-17	8.2E-12	1.9E-11	1.0E-12	1.0E-12	4.9E-19	3.0E-18
OCDD	7.1E-22	3.6E-17	5.0E-17	1.4E-16	4.0E-16	2.4E-11	5.6E-11	3.0E-12	3.0E-12	7.0E-18	4.3E-17
OCDF	2.6E-22	1.4E-17	1.9E-17	5.5E-17	1.5E-16	9.1E-12	2.1E-11	1.1E-12	1.1E-12	2.7E-18	1.7E-17
HCN											
Hydrogen cyanide						6.8E-06	1.6E-05	8.5E-07	8.5E-07		
Metals											
Aluminum				4.4E-04	8.4E-04					2.1E-05	9.1E-05
Antimony	6.7E-19			1.6E-08	6.2E-08	4.5E-07	1.0E-06	5.6E-08	5.6E-08	7.9E-10	6.6E-09
Arsenic	3.5E-17	1.5E-08	9.8E-09	3.6E-08	4.7E-08	2.5E-08	5.9E-08	3.2E-09	3.2E-09	3.0E-09	8.4E-09
Barium	9.3E-14			1.2E-10	3.3E-10	5.4E-06	1.2E-05	6.7E-07	6.7E-07	5.7E-12	3.5E-11
Beryllium	1.4E-18			4.5E-17	1.3E-16	1.8E-09	4.3E-09	2.3E-10	2.3E-10	2.2E-18	1.4E-17
Cadmium	3.6E-16			3.5E-17	9.8E-17	3.2E-08	7.5E-08	4.1E-09	4.1E-09	1.7E-18	1.1E-17
Chromium	1.0E-16			3.0E-12	8.5E-12	2.8E-07	6.4E-07	3.5E-08	3.5E-08	1.5E-13	9.2E-13
Cobalt				1.1E-06	1.6E-06	4.2E-07	9.7E-07	5.3E-08	5.3E-08	5.6E-08	1.7E-07
Copper				1.2E-11	3.5E-11	7.6E-07	1.8E-06	9.5E-08	9.5E-08	6.1E-13	3.8E-12
Iron				9.7E-04	1.6E-03					4.8E-05	1.7E-04
Lead	3.0E-19			4.6E-06	9.8E-06	2.6E-07	5.9E-07	3.2E-08	3.2E-08	2.2E-07	1.1E-06
Manganese				3.4E-14	9.6E-14	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.7E-15	1.0E-14
Mercury (+2)				1.4E-15	3.9E-15	1.0E-09	2.3E-09	1.3E-10	1.3E-10	6.7E-17	4.2E-16
Mercury, elemental				7.3E-08	1.9E-09	4.2E-12	9.7E-12	5.3E-13	5.3E-13	1.4E-04	8.7E-04
Methyl Mercury	3.6E-16			8.2E-17	2.3E-16					4.0E-18	2.5E-17

Table H-315 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	1.4E-16			2.4E-05	3.0E-05	1.5E-07	3.4E-07	1.9E-08	1.9E-08	1.2E-06	3.3E-06
Phosphorus				3.2E-16	9.0E-16	1.1E-06	2.6E-06	1.4E-07	1.4E-07	3.1E-12	1.9E-11
Selenium	1.2E-17			1.7E-18	4.8E-18	7.5E-09	1.7E-08	9.3E-10	9.3E-10	8.5E-20	5.2E-19
Silver	8.6E-18			3.2E-14	8.9E-14	4.9E-09	1.1E-08	6.1E-10	6.1E-10	1.6E-15	9.6E-15
Thallium (Soluble Salts)					7.2E-09						7.8E-10
Titanium				3.4E-16	9.6E-16	2.6E-09	6.0E-09	3.3E-10	3.3E-10	1.7E-17	1.0E-16
Zinc	1.8E-13			7.9E-15	2.2E-14	5.9E-06	1.4E-05	7.3E-07	7.3E-07	3.9E-16	2.4E-15
NOx											
NOx (Oxides of Nitrogen)						6.7E-05	1.6E-04	8.4E-06	8.4E-06		
PAHs											
1-Methylnaphthalene		1.0E-17	1.4E-17	9.3E-18	2.6E-17	1.4E-06	3.3E-06	1.8E-07	1.8E-07	1.1E-14	6.5E-14
1-Methylphenanthrene				6.2E-15	1.7E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	3.0E-16	1.9E-15
2,3,5-Trimethylnaphthalene				2.9E-15	8.2E-15	8.4E-08	1.9E-07	1.0E-08	1.0E-08	1.4E-16	8.8E-16
2,6-Dimethylnaphthalene				8.0E-15	2.2E-14	2.2E-07	5.1E-07	2.8E-08	2.8E-08	3.9E-16	2.4E-15
2-Methylnaphthalene		9.9E-18	1.4E-17	9.0E-18	2.5E-17	1.4E-06	3.2E-06	1.7E-07	1.7E-07	1.0E-14	6.4E-14
Acenaphthylene				2.6E-14	7.2E-14	8.1E-07	1.9E-06	1.0E-07	1.0E-07	1.3E-15	7.7E-15
Acenaphthene	1.5E-16					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Anthracene	1.8E-15					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
Benzo(a)anthracene	2.6E-13	9.5E-10	2.2E-08	8.6E-10	4.0E-08	1.3E-07	3.0E-07	1.6E-08	1.6E-08	1.3E-08	8.0E-08
Benzo(a)pyrene	1.3E-13	1.1E-09	2.4E-08	1.0E-09	4.4E-08	5.0E-08	1.2E-07	6.3E-09	6.3E-09	4.9E-11	4.7E-09
Benzo(b)fluoranthene	3.6E-14	2.0E-09	3.4E-08	1.8E-09	6.1E-08	5.6E-08	1.3E-07	7.0E-09	7.0E-09	8.9E-11	6.6E-09
Benzo(e)pyrene				1.5E-15	4.1E-15	4.3E-08	9.9E-08	5.4E-09	5.4E-09	7.2E-17	4.4E-16
Benzo(g,h,i)perylene				1.1E-15	3.0E-15	3.3E-08	7.6E-08	4.1E-09	4.1E-09	5.3E-17	3.2E-16
Benzo(k)fluoranthene	2.9E-16	1.5E-09	1.7E-08	1.4E-09	3.1E-08	5.0E-10	1.2E-09	6.2E-11	6.2E-11	6.7E-11	3.3E-09

Table H-315 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				1.4E-16	4.0E-16	4.8E-06	1.1E-05	6.0E-07	6.0E-07	8.4E-14	5.2E-13
Chrysene	4.6E-14	1.2E-09	2.5E-08	1.1E-09	4.5E-08	2.2E-07	5.1E-07	2.7E-08	2.7E-08	5.2E-11	4.8E-09
Dibenze(a,h)anthracene	6.6E-15	1.3E-14	6.0E-09	1.2E-14	1.1E-08	8.0E-09	1.8E-08	9.9E-10	9.9E-10	5.7E-16	1.2E-09
Fluoranthene	1.2E-14	2.7E-15	3.8E-15	2.5E-15	6.9E-15	3.2E-07	7.4E-07	4.0E-08	4.0E-08	1.2E-16	7.5E-16
Fluorene	2.6E-15					8.0E-07	1.9E-06	1.0E-07	1.0E-07		
Indeno(1,2,3-cd)pyrene	1.7E-14	4.8E-10	1.6E-08	4.4E-10	2.8E-08	2.6E-08	6.1E-08	3.3E-09	3.3E-09	2.2E-11	3.1E-09
Napthalene	1.2E-15					6.4E-06	1.5E-05	8.0E-07	8.0E-07		
Perylene				5.6E-16	1.6E-15	2.0E-08	4.6E-08	2.5E-09	2.5E-09	2.8E-17	1.7E-16
Phenanthrene	1.3E-14					1.5E-06	3.5E-06	1.9E-07	1.9E-07		
Pyrene	8.7E-15	9.2E-15	1.3E-14	8.3E-15	2.3E-14	3.1E-07	7.2E-07	3.9E-08	3.9E-08	2.3E-13	1.4E-12
Particulate											
Particulate Total Suspended Particulate				1.3E-10	3.6E-10	1.0E-03	2.3E-03	1.3E-04	1.3E-04	6.3E-12	3.9E-11
PM<10				1.6E-10	4.6E-10	1.3E-03	3.1E-03	1.7E-04	1.7E-04	8.0E-12	5.0E-11
PM<2.5				1.4E-10	3.8E-10	1.1E-03	2.6E-03	1.4E-04	1.4E-04	6.7E-12	4.1E-11
PCBs											
Dichlorobiphenyl	2.6E-16	2.5E-17	3.5E-17	2.1E-17	5.8E-17	4.0E-09	9.2E-09	5.0E-10	5.0E-10	1.9E-15	1.2E-14
Heptachlorobiphenyl	9.8E-18	2.9E-18	4.0E-18	2.4E-18	6.8E-18	5.4E-11	1.3E-10	6.8E-12	6.8E-12	1.2E-16	7.6E-16
Hexachlorobiphenyl	4.0E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	2.3E-10	5.3E-10	2.9E-11	2.9E-11	5.6E-16	3.4E-15
Monochlorobiphenyl	1.8E-15	1.7E-16	2.4E-16	1.4E-16	4.1E-16	2.8E-08	6.4E-08	3.5E-09	3.5E-09	1.4E-14	8.3E-14
Nonachlorobiphenyl	1.2E-18	5.1E-19	7.1E-19	4.3E-19	1.2E-18	7.7E-12	1.8E-11	9.6E-13	9.6E-13	2.2E-17	1.3E-16
Octachlorobiphenyl	2.9E-18	9.3E-19	1.3E-18	7.8E-19	2.2E-18	1.7E-11	3.8E-11	2.1E-12	2.1E-12	4.0E-17	2.5E-16
Pentachlorobiphenyl	1.3E-16	4.7E-17	6.5E-17	3.9E-17	1.1E-16	7.8E-10	1.8E-09	9.8E-11	9.8E-11	2.0E-15	1.2E-14
Tetrachlorobiphenyl	7.8E-17	9.4E-18	1.3E-17	8.0E-18	2.2E-17	1.3E-09	3.0E-09	1.6E-10	1.6E-10	7.4E-16	4.6E-15
Trichlorobiphenyl	1.0E-16	1.1E-17	1.6E-17	9.6E-18	2.7E-17	1.6E-09	3.8E-09	2.0E-10	2.0E-10	8.9E-16	5.5E-15

Table H-315 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
Chlordecone (Kepone)		5.4E-08		6.4E-08						3.1E-09	
DDE				8.8E-09	9.4E-09					2.8E-07	1.7E-06
Dieldrin			4.3E-10		1.0E-09						1.1E-10
SVOCs											
1,2,4-trichlorobenzene						1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,2-dichlorobenzene	1.2E-19					4.7E-09	1.1E-08	5.8E-10	5.8E-10		
1,3-Butadiene						9.3E-04					
1,3-dichlorobenzene	3.0E-19					7.0E-09	1.6E-08	8.7E-10	8.7E-10		
1,4-dichlorobenzene	4.0E-18					6.5E-08	1.5E-07	8.1E-09	8.1E-09		
2,4-Dimethylphenol	1.1E-16					1.0E-06	2.4E-06	1.3E-07	1.3E-07		
2-Chlorophenol	5.5E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
2-Methylphenol	2.3E-15					2.4E-06	5.5E-06	3.0E-07	3.0E-07		
2-Nitrophenol	1.4E-17					3.2E-07	7.5E-07	4.0E-08	4.0E-08		
3-Methylphenol & 4-Methylphenol				1.6E-13	4.4E-13	4.3E-06	9.9E-06	5.4E-07	5.4E-07	7.7E-15	4.8E-14
4-Nitrophenol	2.8E-17					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Acetophenone	1.7E-16					5.1E-06	1.2E-05	6.4E-07	6.4E-07		
Benzoic acid	6.8E-16					2.3E-05	5.3E-05	2.9E-06	2.9E-06		
Benzyl alcohol	4.2E-19					1.9E-07	4.5E-07	2.4E-08	2.4E-08		
bis(2-Ethylhexyl) phthalate	2.1E-14	2.9E-13	4.0E-13	3.4E-13	9.5E-13	8.1E-06	1.9E-05	1.0E-06	1.0E-06	1.7E-14	1.0E-13
Butyl benzyl phthalate	7.5E-15	1.4E-16	1.9E-16	1.6E-16	4.6E-16	2.6E-07	5.9E-07	3.2E-08	3.2E-08	8.1E-18	5.0E-17
Carbazole				6.0E-16	1.7E-15	7.2E-09	1.7E-08	9.0E-10	9.0E-10	2.9E-17	1.8E-16
Dibenzofuran		6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.1E-07	9.4E-07	5.1E-08	5.1E-08	1.0E-14	6.4E-14
Dimethyl phthalate	2.8E-18					1.4E-08	3.3E-08	1.8E-09	1.8E-09		

Table H-315 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-butyl phthalate	7.2E-14	1.4E-16	1.9E-16	1.6E-16	4.6E-16	3.9E-07	9.1E-07	4.9E-08	4.9E-08	8.1E-18	5.0E-17
Di-n-octyl phthalate	5.4E-19	4.0E-16	5.6E-16	4.8E-16	1.3E-15	2.8E-08	6.4E-08	3.4E-09	3.4E-09	2.3E-17	1.4E-16
Hexachlorobutadiene	2.9E-16					1.9E-06	4.4E-06	2.4E-07	2.4E-07		
Isopropanol						1.5E-02	9.7E-02				
p-Chloroaniline			1.4E-08		3.3E-08						3.6E-09
Phenol	6.3E-15					1.3E-05	3.0E-05	1.6E-06	1.6E-06		
Pyridine	3.3E-16					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
TRS											
Total Reduced Sulfur						1.2E-05	2.9E-05	1.6E-06	1.6E-06		
VOCs											
1,1,1,2-Tetrachloroethane	1.2E-19					5.8E-09	1.3E-08	7.2E-10	7.2E-10		
1,1,1-Trichloroethane	7.5E-21					5.7E-09	1.3E-08	7.1E-10	7.1E-10		
1,1-Dichloroethene	2.6E-22					1.1E-09	2.6E-09	1.4E-10	1.4E-10		
1,2,3-Trichlorobenzene	8.0E-18					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2,3-Trichloropropane	4.6E-20					4.6E-09	1.1E-08	5.8E-10	5.8E-10		
1,2,4-Trimethylbenzene						2.7E-07	6.2E-07	3.3E-08	3.3E-08		
1,2-Dibromoethane	1.6E-20					3.0E-09	6.8E-09	3.7E-10	3.7E-10		
1,2-Dichloroethane	5.0E-19					1.2E-07	1.9E-03	4.3E-05	4.3E-05		
1,3,5-Trimethylbenzene	2.6E-18					2.5E-07	5.8E-07	3.1E-08	3.1E-08		
1,3-Dichloropropane						2.9E-09	6.6E-09	3.6E-10	3.6E-10		
2-Butanone	1.0E-16					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
2-Chlorotoluene						6.3E-08	1.5E-07	7.9E-09	7.9E-09		
2-Hexanone						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
Benzene	8.5E-17					3.6E-03	1.2E-02	4.2E-04	4.2E-04		

Table H-315 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Bromobenzene						1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Bromochloromethane						3.8E-09	8.7E-09	4.7E-10	4.7E-10		
Bromodichloromethane	1.3E-20					4.1E-09	1.4E-02	5.1E-10	5.1E-10		
Bromoform							6.6E-02				
Bromomethane	5.7E-20					1.6E-07	3.8E-07	2.0E-08	2.0E-08		
Carbon disulfide	5.4E-20					1.4E-07	3.3E-07	1.8E-08	1.8E-08		
Carbon tetrachloride	5.8E-21					6.4E-03	1.7E-02	6.6E-04	6.6E-04		
Chlorobenzene	2.0E-18					2.1E-07	4.8E-07	2.6E-08	2.6E-08		
Chlorodibromomethane	7.8E-19					1.0E-07	2.3E-07	1.3E-08	1.3E-08		
Chloroethane	1.6E-19					3.9E-07	9.1E-07	4.9E-08	4.9E-08		
Chloroform	1.2E-19					9.3E-04	3.4E-02	1.0E-04	1.0E-04		
Chloromethane	4.2E-19					1.3E-06	3.1E-06	1.7E-07	1.7E-07		
cis-1,2-Dichloroethene	1.6E-19					1.7E-07	3.9E-07	2.1E-08	2.1E-08		
cis-1,3-Dichloropropene						1.0E-09	2.4E-09	1.3E-10	1.3E-10		
Dibromomethane	1.8E-20					8.7E-09	2.0E-08	1.1E-09	1.1E-09		
Dichlorodifluoromethane	2.0E-22					1.1E-08	2.5E-08	1.3E-09	1.3E-09		
Ethylbenzene	6.4E-17					1.2E-03	9.5E-03	1.0E-06	1.0E-06		
Isopropylbenzene	8.4E-20					6.8E-07	1.6E-06	8.4E-08	8.4E-08		
m&p-Xylene	1.0E-17					1.6E-06	3.6E-06	2.0E-07	2.0E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19					1.5E-08	3.5E-08	1.9E-09	1.9E-09		
Methylene chloride	1.1E-18					7.7E-07	1.8E-06	9.7E-08	9.7E-08		
n-Butylbenzene						3.3E-07	7.7E-07	4.2E-08	4.2E-08		
n-Propylbenzene						4.0E-07	9.3E-07	5.0E-08	5.0E-08		
o-Xylene	1.2E-17					9.8E-07	2.3E-06	1.2E-07	1.2E-07		

Table H-315 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
p-Chlorotoluene						2.4E-08	5.5E-08	3.0E-09	3.0E-09		
p-Isopropyltoluene						1.6E-07	3.8E-07	2.1E-08	2.1E-08		
sec-Butylbenzene						6.1E-08	1.4E-07	7.6E-09	7.6E-09		
Styrene	4.0E-16					2.2E-05	5.1E-05	2.7E-06	2.7E-06		
tert-Butylbenzene						2.0E-06	4.5E-06	2.4E-07	2.4E-07		
Tetrachloroethene	2.8E-20					5.2E-09	1.2E-08	6.5E-10	6.5E-10		
Toluene	6.7E-17					1.4E-05	3.1E-05	1.7E-06	1.7E-06		
trans-1,2-Dichloroethene	2.5E-18					3.6E-06	8.4E-06	4.5E-07	4.5E-07		
trans-1,3-Dichloropropene						1.8E-09	4.2E-09	2.3E-10	2.3E-10		
Trichloroethene	2.9E-22					3.1E-10	1.9E-02	3.9E-11	3.9E-11		
Trichlorofluoromethane	4.5E-22					3.7E-09	8.6E-09	4.7E-10	4.7E-10		
Vinyl chloride	2.1E-20					2.1E-07	4.9E-07	2.7E-08	2.7E-08		

Table H-316 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					3.2E-03	1.4E-06	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19

Table H-316 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.0E-02	2.0E-02					5.0E-07	2.1E-06
Antimony	1.6E-17			3.8E-07	1.4E-06	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.8E-11	1.5E-10
Arsenic	8.1E-16	3.6E-07	2.3E-07	8.5E-07	1.1E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	6.9E-11	2.0E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				2.6E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.3E-09	4.0E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				2.3E-02	3.7E-02					1.1E-06	4.0E-06
Lead	6.9E-18			1.1E-04	2.3E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.2E-09	2.5E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				1.7E-06	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	3.3E-06	2.0E-05
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18

Table H-316 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	7.1E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.7E-08	7.7E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Thallium (Soluble Salts)					1.7E-07						1.8E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	2.2E-08	5.1E-07	2.0E-08	9.3E-07	3.0E-09	6.9E-09	3.7E-10	3.7E-10	3.0E-10	1.9E-09
Benzo(a)pyrene	3.1E-12	2.6E-08	5.6E-07	2.4E-08	1.0E-06	1.2E-09	2.7E-09	1.5E-10	1.5E-10	1.2E-12	1.1E-10
Benzo(b)fluoranthene	8.3E-13	4.7E-08	7.9E-07	4.2E-08	1.4E-06	1.3E-09	3.0E-09	1.6E-10	1.6E-10	2.1E-12	1.5E-10
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	3.5E-08	4.0E-07	3.2E-08	7.2E-07	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.6E-12	7.8E-11

Table H-316 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.7E-08	5.7E-07	2.5E-08	1.0E-06	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.2E-12	1.1E-10
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	1.4E-07	3.1E-13	2.5E-07	1.9E-10	4.3E-10	2.3E-11	2.3E-11	1.5E-17	2.7E-11
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.1E-08	3.6E-07	1.0E-08	6.6E-07	6.2E-10	1.4E-09	7.7E-11	7.7E-11	5.0E-13	7.1E-11
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16

Table H-316 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
Chlordecone (Kepone)		1.3E-06		1.5E-06						7.3E-11	
DDE				2.1E-07	2.2E-07					6.5E-09	4.0E-08
Dieldrin			1.0E-08		2.4E-08						2.5E-12
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						2.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		

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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						3.4E-04	2.3E-03				
p-Chloroaniline			3.3E-07		7.7E-07						8.4E-11
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	4.4E-05	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.4E-05	2.7E-04	9.7E-06	9.7E-06		

Table H-316 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	3.4E-04	1.2E-11	1.2E-11		
Bromoform							1.5E-03				
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.5E-04	3.9E-04	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					2.2E-05	7.9E-04	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					2.7E-05	2.2E-04	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		

Table H-316 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					7.3E-12	4.5E-04	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10		

Table H-317 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.6E-05	8.3E-05	4.5E-06	4.5E-06		
Aldehydes											
Acetaldehyde	3.9E-15					6.2E-05	1.4E-04	7.8E-06	7.8E-06		
Formaldehyde	1.9E-14					1.4E-01	1.7E+00	3.3E-06	3.3E-06		
Propionaldehyde				9.6E-17	2.7E-16	6.8E-06	1.6E-05	8.5E-07	8.5E-07	7.2E-13	4.4E-12
CO											
Carbon monoxide						1.9E-03	4.4E-03	2.4E-04	2.4E-04		
CO2											
Carbon dioxide						6.0E-05	1.4E-04	7.5E-06	7.5E-06		
Criteria											
Sulfur Dioxide						1.6E-05	3.7E-05	2.0E-06	2.0E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	5.3E-20	5.3E-17	7.4E-17	2.1E-16	5.9E-16	3.6E-11	8.4E-11	4.5E-12	4.5E-12	1.0E-17	6.3E-17
1,2,3,4,6,7,8-HpCDF	5.1E-20	5.4E-17	7.5E-17	2.1E-16	5.9E-16	3.7E-11	8.5E-11	4.6E-12	4.6E-12	1.0E-17	6.4E-17
1,2,3,4,7,8,9-HpCDF	7.8E-21	6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.7E-12	1.1E-11	5.8E-13	5.8E-13	1.2E-18	7.4E-18
1,2,3,4,7,8-HxCDD	6.0E-20	6.1E-18	8.5E-18	2.4E-17	6.7E-17	4.4E-12	1.0E-11	5.4E-13	5.4E-13	1.2E-18	7.2E-18
1,2,3,4,7,8-HxCDF	4.1E-19	4.8E-17	6.7E-17	1.9E-16	5.3E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	9.3E-18	5.7E-17
1,2,3,6,7,8-HxCDD	1.1E-19	1.2E-17	1.7E-17	4.9E-17	1.4E-16	9.2E-12	2.1E-11	1.1E-12	1.1E-12	2.4E-18	1.5E-17
1,2,3,6,7,8-HxCDF	1.5E-19	1.6E-17	2.2E-17	6.2E-17	1.7E-16	1.1E-11	2.7E-11	1.4E-12	1.4E-12	3.0E-18	1.9E-17
1,2,3,7,8,9-HxCDD	1.7E-19	1.9E-17	2.7E-17	7.7E-17	2.1E-16	1.4E-11	3.2E-11	1.7E-12	1.7E-12	3.8E-18	2.3E-17
1,2,3,7,8,9-HxCDF	1.2E-20	1.1E-18	1.6E-18	4.4E-18	1.2E-17	8.8E-13	2.0E-12	1.1E-13	1.1E-13	2.2E-19	1.3E-18
1,2,3,7,8-PeCDD	3.2E-19	6.8E-18	9.6E-18	2.7E-17	7.6E-17	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.3E-18	8.1E-18
1,2,3,7,8-PeCDF	4.4E-19	8.0E-18	1.1E-17	3.2E-17	8.9E-17	7.9E-12	1.8E-11	9.9E-13	9.9E-13	1.6E-18	9.6E-18

Table H-317 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	2.2E-19	2.5E-17	3.4E-17	9.7E-17	2.7E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	4.7E-18	2.9E-17
2,3,4,7,8-PeCDF	7.0E-19	1.9E-17	2.7E-17	7.6E-17	2.1E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	3.7E-18	2.3E-17
2,3,7,8-TCDD	1.1E-19	1.4E-18	1.9E-18	5.5E-18	1.5E-17	2.2E-12	5.1E-12	2.8E-13	2.8E-13	1.9E-16	1.1E-15
2,3,7,8-TCDF	3.4E-19	2.5E-18	3.5E-18	1.0E-17	2.8E-17	8.2E-12	1.9E-11	1.0E-12	1.0E-12	4.9E-19	3.0E-18
OCDD	7.1E-22	3.6E-17	5.0E-17	1.4E-16	4.0E-16	2.4E-11	5.6E-11	3.0E-12	3.0E-12	7.0E-18	4.3E-17
OCDF	2.6E-22	1.4E-17	1.9E-17	5.5E-17	1.5E-16	9.1E-12	2.1E-11	1.1E-12	1.1E-12	2.7E-18	1.7E-17
HCN											
Hydrogen cyanide						6.8E-06	1.6E-05	8.5E-07	8.5E-07		
Metals											
Aluminum				4.4E-04	1.0E-03					2.1E-05	1.1E-04
Antimony	6.7E-19			1.6E-08	2.1E-08	4.5E-07	1.0E-06	5.6E-08	5.6E-08	7.9E-10	2.2E-09
Arsenic	3.5E-17	1.5E-08	2.0E-08	3.6E-08	9.2E-08	2.5E-08	5.9E-08	3.2E-09	3.2E-09	3.0E-09	1.7E-08
Barium	9.3E-14			1.2E-10	3.3E-10	5.4E-06	1.2E-05	6.7E-07	6.7E-07	5.7E-12	3.5E-11
Beryllium	1.4E-18			4.5E-17	1.3E-16	1.8E-09	4.3E-09	2.3E-10	2.3E-10	2.2E-18	1.4E-17
Cadmium	3.6E-16			3.5E-17	9.8E-17	3.2E-08	7.5E-08	4.1E-09	4.1E-09	1.7E-18	1.1E-17
Chromium	1.0E-16			3.0E-12	8.5E-12	2.8E-07	6.4E-07	3.5E-08	3.5E-08	1.5E-13	9.2E-13
Cobalt				1.1E-06	1.6E-06	4.2E-07	9.7E-07	5.3E-08	5.3E-08	5.6E-08	1.7E-07
Copper				1.2E-11	3.5E-11	7.6E-07	1.8E-06	9.5E-08	9.5E-08	6.1E-13	3.8E-12
Iron				9.7E-04	1.7E-03					4.8E-05	1.8E-04
Lead	3.0E-19			4.6E-06	2.3E-06	2.6E-07	5.9E-07	3.2E-08	3.2E-08	2.2E-07	2.4E-07
Manganese				3.4E-14	9.6E-14	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.7E-15	1.0E-14
Mercury (+2)				1.4E-15	3.9E-15	1.0E-09	2.3E-09	1.3E-10	1.3E-10	6.7E-17	4.2E-16
Mercury, elemental				7.3E-08	1.2E-09	4.2E-12	9.7E-12	5.3E-13	5.3E-13	1.4E-04	8.7E-04
Methyl Mercury	3.6E-16			8.2E-17	2.3E-16					4.0E-18	2.5E-17

Table H-317 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Nickel	1.4E-16			2.4E-05	3.4E-05	1.5E-07	3.4E-07	1.9E-08	1.9E-08	1.2E-06	3.7E-06
Phosphorus				3.2E-16	9.0E-16	1.1E-06	2.6E-06	1.4E-07	1.4E-07	3.1E-12	1.9E-11
Selenium	1.2E-17			1.7E-18	4.8E-18	7.5E-09	1.7E-08	9.3E-10	9.3E-10	8.5E-20	5.2E-19
Silver	8.6E-18			3.2E-14	8.9E-14	4.9E-09	1.1E-08	6.1E-10	6.1E-10	1.6E-15	9.6E-15
Thallium (Soluble Salts)					6.2E-09						6.6E-10
Titanium				3.4E-16	9.6E-16	2.6E-09	6.0E-09	3.3E-10	3.3E-10	1.7E-17	1.0E-16
Zinc	1.8E-13			7.9E-15	2.2E-14	5.9E-06	1.4E-05	7.3E-07	7.3E-07	3.9E-16	2.4E-15
NOx											
NOx (Oxides of Nitrogen)						6.7E-05	1.6E-04	8.4E-06	8.4E-06		
PAHs											
1-Methylnaphthalene		1.0E-17	1.4E-17	9.3E-18	2.6E-17	1.4E-06	3.3E-06	1.8E-07	1.8E-07	1.1E-14	6.5E-14
1-Methylphenanthrene				6.2E-15	1.7E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	3.0E-16	1.9E-15
2,3,5-Trimethylnaphthalene				2.9E-15	8.2E-15	8.4E-08	1.9E-07	1.0E-08	1.0E-08	1.4E-16	8.8E-16
2,6-Dimethylnaphthalene				8.0E-15	2.2E-14	2.2E-07	5.1E-07	2.8E-08	2.8E-08	3.9E-16	2.4E-15
2-Methylnaphthalene		9.9E-18	1.4E-17	9.0E-18	2.5E-17	1.4E-06	3.2E-06	1.7E-07	1.7E-07	1.0E-14	6.4E-14
Acenaphthylene				2.6E-14	7.2E-14	8.1E-07	1.9E-06	1.0E-07	1.0E-07	1.3E-15	7.7E-15
Acenapthene	1.5E-16					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Anthracene	1.8E-15					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
Benzo(a)anthracene	2.6E-13	9.5E-10	1.1E-13	8.6E-10	2.0E-13	1.3E-07	3.0E-07	1.6E-08	1.6E-08	1.3E-08	8.0E-08
Benzo(a)pyrene	1.3E-13	1.1E-09	4.9E-14	1.0E-09	9.0E-14	5.0E-08	1.2E-07	6.3E-09	6.3E-09	4.9E-11	9.7E-15
Benzo(b)fluoranthene	3.6E-14	2.0E-09	2.9E-15	1.8E-09	5.2E-15	5.6E-08	1.3E-07	7.0E-09	7.0E-09	8.9E-11	5.6E-16
Benzo(e)pyrene				1.5E-15	4.1E-15	4.3E-08	9.9E-08	5.4E-09	5.4E-09	7.2E-17	4.4E-16
Benzo(g,h,i)perylene				1.1E-15	3.0E-15	3.3E-08	7.6E-08	4.1E-09	4.1E-09	5.3E-17	3.2E-16
Benzo(k)fluoranthene	2.9E-16	1.5E-09	3.6E-15	1.4E-09	6.5E-15	5.0E-10	1.2E-09	6.2E-11	6.2E-11	6.7E-11	7.0E-16

Table H-317 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				1.4E-16	4.0E-16	4.8E-06	1.1E-05	6.0E-07	6.0E-07	8.4E-14	5.2E-13
Chrysene	4.6E-14	1.2E-09	1.4E-13	1.1E-09	2.6E-13	2.2E-07	5.1E-07	2.7E-08	2.7E-08	5.2E-11	2.8E-14
Dibenze(a,h)anthracene	6.6E-15	1.3E-14	1.8E-14	1.2E-14	3.3E-14	8.0E-09	1.8E-08	9.9E-10	9.9E-10	5.7E-16	3.5E-15
Fluoranthene	1.2E-14	2.7E-15	3.8E-15	2.5E-15	6.9E-15	3.2E-07	7.4E-07	4.0E-08	4.0E-08	1.2E-16	7.5E-16
Fluorene	2.6E-15					8.0E-07	1.9E-06	1.0E-07	1.0E-07		
Indeno(1,2,3-cd)pyrene	1.7E-14	4.8E-10	5.0E-14	4.4E-10	9.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	2.2E-11	9.8E-15
Napthalene	1.2E-15					6.4E-06	1.5E-05	8.0E-07	8.0E-07		
Perylene				5.6E-16	1.6E-15	2.0E-08	4.6E-08	2.5E-09	2.5E-09	2.8E-17	1.7E-16
Phenanthrene	1.3E-14					1.5E-06	3.5E-06	1.9E-07	1.9E-07		
Pyrene	8.7E-15	9.2E-15	1.3E-14	8.3E-15	2.3E-14	3.1E-07	7.2E-07	3.9E-08	3.9E-08	2.3E-13	1.4E-12
Particulate											
Particulate Total Suspended Particulate				1.3E-10	3.6E-10	1.0E-03	2.3E-03	1.3E-04	1.3E-04	6.3E-12	3.9E-11
PM<10				1.6E-10	4.6E-10	1.3E-03	3.1E-03	1.7E-04	1.7E-04	8.0E-12	5.0E-11
PM<2.5				1.4E-10	3.8E-10	1.1E-03	2.6E-03	1.4E-04	1.4E-04	6.7E-12	4.1E-11
PCBs											
Dichlorobiphenyl	2.6E-16	2.5E-17	3.5E-17	2.1E-17	5.8E-17	4.0E-09	9.2E-09	5.0E-10	5.0E-10	1.9E-15	1.2E-14
Heptachlorobiphenyl	9.8E-18	2.9E-18	4.0E-18	2.4E-18	6.8E-18	5.4E-11	1.3E-10	6.8E-12	6.8E-12	1.2E-16	7.6E-16
Hexachlorobiphenyl	4.0E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	2.3E-10	5.3E-10	2.9E-11	2.9E-11	5.6E-16	3.4E-15
Monochlorobiphenyl	1.8E-15	1.7E-16	2.4E-16	1.4E-16	4.1E-16	2.8E-08	6.4E-08	3.5E-09	3.5E-09	1.4E-14	8.3E-14
Nonachlorobiphenyl	1.2E-18	5.1E-19	7.1E-19	4.3E-19	1.2E-18	7.7E-12	1.8E-11	9.6E-13	9.6E-13	2.2E-17	1.3E-16
Octachlorobiphenyl	2.9E-18	9.3E-19	1.3E-18	7.8E-19	2.2E-18	1.7E-11	3.8E-11	2.1E-12	2.1E-12	4.0E-17	2.5E-16
Pentachlorobiphenyl	1.3E-16	4.7E-17	6.5E-17	3.9E-17	1.1E-16	7.8E-10	1.8E-09	9.8E-11	9.8E-11	2.0E-15	1.2E-14
Tetrachlorobiphenyl	7.8E-17	9.4E-18	1.3E-17	8.0E-18	2.2E-17	1.3E-09	3.0E-09	1.6E-10	1.6E-10	7.4E-16	4.6E-15
Trichlorobiphenyl	1.0E-16	1.1E-17	1.6E-17	9.6E-18	2.7E-17	1.6E-09	3.8E-09	2.0E-10	2.0E-10	8.9E-16	5.5E-15

Table H-317 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
Chlordecone (Kepone)		5.4E-08		6.4E-08						3.1E-09	
DDE				8.8E-09	3.3E-09					2.8E-07	1.7E-06
SVOCs											
1,2,4-trichlorobenzene						1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,2-dichlorobenzene	1.2E-19					4.7E-09	1.1E-08	5.8E-10	5.8E-10		
1,3-Butadiene						9.3E-04					
1,3-dichlorobenzene	3.0E-19					7.0E-09	1.6E-08	8.7E-10	8.7E-10		
1,4-dichlorobenzene	4.0E-18					6.5E-08	1.5E-07	8.1E-09	8.1E-09		
2,4-Dimethylphenol	1.1E-16					1.0E-06	2.4E-06	1.3E-07	1.3E-07		
2-Chlorophenol	5.5E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
2-Methylphenol	2.3E-15					2.4E-06	5.5E-06	3.0E-07	3.0E-07		
2-Nitrophenol	1.4E-17					3.2E-07	7.5E-07	4.0E-08	4.0E-08		
3-Methylphenol & 4-Methylphenol				1.6E-13	4.4E-13	4.3E-06	9.9E-06	5.4E-07	5.4E-07	7.7E-15	4.8E-14
4-Nitrophenol	2.8E-17					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Acetophenone	1.7E-16					5.1E-06	1.2E-05	6.4E-07	6.4E-07		
Benzoic acid	6.8E-16					2.3E-05	5.3E-05	2.9E-06	2.9E-06		
Benzyl alcohol	4.2E-19					1.9E-07	4.5E-07	2.4E-08	2.4E-08		
bis(2-Ethylhexyl) phthalate	2.1E-14	2.9E-13	4.0E-13	3.4E-13	9.5E-13	8.1E-06	1.9E-05	1.0E-06	1.0E-06	1.7E-14	1.0E-13
Butyl benzyl phthalate	7.5E-15	1.4E-16	1.9E-16	1.6E-16	4.6E-16	2.6E-07	5.9E-07	3.2E-08	3.2E-08	8.1E-18	5.0E-17
Carbazole				6.0E-16	1.7E-15	7.2E-09	1.7E-08	9.0E-10	9.0E-10	2.9E-17	1.8E-16
Dibenzofuran		6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.1E-07	9.4E-07	5.1E-08	5.1E-08	1.0E-14	6.4E-14
Dimethyl phthalate	2.8E-18					1.4E-08	3.3E-08	1.8E-09	1.8E-09		
Di-n-butyl phthalate	7.2E-14	1.4E-16	1.9E-16	1.6E-16	4.6E-16	3.9E-07	9.1E-07	4.9E-08	4.9E-08	8.1E-18	5.0E-17

Table H-317 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	5.4E-19	4.0E-16	5.6E-16	4.8E-16	1.3E-15	2.8E-08	6.4E-08	3.4E-09	3.4E-09	2.3E-17	1.4E-16
Hexachlorobutadiene	2.9E-16					1.9E-06	4.4E-06	2.4E-07	2.4E-07		
Isopropanol						1.5E-02					
Phenol	6.3E-15					1.3E-05	3.0E-05	1.6E-06	1.6E-06		
Pyridine	3.3E-16					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
TRS											
Total Reduced Sulfur						1.2E-05	2.9E-05	1.6E-06	1.6E-06		
VOCs											
1,1,1,2-Tetrachloroethane	1.2E-19					5.8E-09	1.3E-08	7.2E-10	7.2E-10		
1,1,1-Trichloroethane	7.5E-21					5.7E-09	1.3E-08	7.1E-10	7.1E-10		
1,1-Dichloroethene	2.6E-22					1.1E-09	2.6E-09	1.4E-10	1.4E-10		
1,2,3-Trichlorobenzene	8.0E-18					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2,3-Trichloropropane	4.6E-20					4.6E-09	1.1E-08	5.8E-10	5.8E-10		
1,2,4-Trimethylbenzene						2.7E-07	6.2E-07	3.3E-08	3.3E-08		
1,2-Dibromoethane	1.6E-20					3.0E-09	6.8E-09	3.7E-10	3.7E-10		
1,2-Dichloroethane	5.0E-19					1.2E-07	2.7E-07	4.3E-05	4.3E-05		
1,3,5-Trimethylbenzene	2.6E-18					2.5E-07	5.8E-07	3.1E-08	3.1E-08		
1,3-Dichloropropane						2.9E-09	6.6E-09	3.6E-10	3.6E-10		
2-Butanone	1.0E-16					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
2-Chlorotoluene						6.3E-08	1.5E-07	7.9E-09	7.9E-09		
2-Hexanone						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
Benzene	8.5E-17					3.6E-03	8.6E-05	4.2E-04	4.2E-04		
Bromobenzene						1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Bromochloromethane						3.8E-09	8.7E-09	4.7E-10	4.7E-10		

Table H-317 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	1.3E-20					4.1E-09	9.4E-09	5.1E-10	5.1E-10		
Bromomethane	5.7E-20					1.6E-07	3.8E-07	2.0E-08	2.0E-08		
Carbon disulfide	5.4E-20					1.4E-07	3.3E-07	1.8E-08	1.8E-08		
Carbon tetrachloride	5.8E-21					6.4E-03	2.2E-08	6.6E-04	6.6E-04		
Chlorobenzene	2.0E-18					2.1E-07	4.8E-07	2.6E-08	2.6E-08		
Chlorodibromomethane	7.8E-19					1.0E-07	2.3E-07	1.3E-08	1.3E-08		
Chloroethane	1.6E-19					3.9E-07	9.1E-07	4.9E-08	4.9E-08		
Chloroform	1.2E-19					9.3E-04	1.9E-07	1.0E-04	1.0E-04		
Chloromethane	4.2E-19					1.3E-06	3.1E-06	1.7E-07	1.7E-07		
cis-1,2-Dichloroethene	1.6E-19					1.7E-07	3.9E-07	2.1E-08	2.1E-08		
cis-1,3-Dichloropropene						1.0E-09	2.4E-09	1.3E-10	1.3E-10		
Dibromomethane	1.8E-20					8.7E-09	2.0E-08	1.1E-09	1.1E-09		
Dichlorodifluoromethane	2.0E-22					1.1E-08	2.5E-08	1.3E-09	1.3E-09		
Ethylbenzene	6.4E-17					1.2E-03	1.9E-05	1.0E-06	1.0E-06		
Isopropylbenzene	8.4E-20					6.8E-07	1.6E-06	8.4E-08	8.4E-08		
m&p-Xylene	1.0E-17					1.6E-06	3.6E-06	2.0E-07	2.0E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19					1.5E-08	3.5E-08	1.9E-09	1.9E-09		
Methylene chloride	1.1E-18					7.7E-07	1.8E-06	9.7E-08	9.7E-08		
n-Butylbenzene						3.3E-07	7.7E-07	4.2E-08	4.2E-08		
n-Propylbenzene						4.0E-07	9.3E-07	5.0E-08	5.0E-08		
o-Xylene	1.2E-17					9.8E-07	2.3E-06	1.2E-07	1.2E-07		
p-Chlorotoluene						2.4E-08	5.5E-08	3.0E-09	3.0E-09		
p-Isopropyltoluene						1.6E-07	3.8E-07	2.1E-08	2.1E-08		
sec-Butylbenzene						6.1E-08	1.4E-07	7.6E-09	7.6E-09		

Table H-317 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Styrene	4.0E-16					2.2E-05	5.1E-05	2.7E-06	2.7E-06		
tert-Butylbenzene						2.0E-06	4.5E-06	2.4E-07	2.4E-07		
Tetrachloroethene	2.8E-20					5.2E-09	1.2E-08	6.5E-10	6.5E-10		
Toluene	6.7E-17					1.4E-05	3.1E-05	1.7E-06	1.7E-06		
trans-1,2-Dichloroethene	2.5E-18					3.6E-06	8.4E-06	4.5E-07	4.5E-07		
trans-1,3-Dichloropropene						1.8E-09	4.2E-09	2.3E-10	2.3E-10		
Trichloroethene	2.9E-22					3.1E-10	7.2E-10	3.9E-11	3.9E-11		
Trichlorofluoromethane	4.5E-22					3.7E-09	8.6E-09	4.7E-10	4.7E-10		
Vinyl chloride	2.1E-20					2.1E-07	4.9E-07	2.7E-08	2.7E-08		

Table H-318 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					3.2E-03	4.0E-02	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19	
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19	
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18	
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19	
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19	
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19	
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20	
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19	
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19	

Table H-318 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.0E-02	2.4E-02					5.0E-07	2.6E-06
Antimony	1.6E-17			3.8E-07	4.8E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.8E-11	5.2E-11
Arsenic	8.1E-16	3.6E-07	4.6E-07	8.5E-07	2.2E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	6.9E-11	3.9E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				2.6E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.3E-09	4.0E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				2.3E-02	4.0E-02					1.1E-06	4.3E-06
Lead	6.9E-18			1.1E-04	5.3E-05	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.2E-09	5.7E-09
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				1.7E-06	2.7E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	3.3E-06	2.0E-05
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18

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Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	7.9E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.7E-08	8.5E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Thallium (Soluble Salts)					1.4E-07						1.6E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	2.2E-08	2.8E-12	2.0E-08	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	3.0E-10	1.9E-09
Benzo(a)pyrene	3.1E-12	2.6E-08	1.2E-12	2.4E-08	2.3E-12	1.2E-09	2.7E-09	1.5E-10	1.5E-10	1.2E-12	2.4E-16
Benzo(b)fluoranthene	8.3E-13	4.7E-08	7.3E-14	4.2E-08	1.3E-13	1.3E-09	3.0E-09	1.6E-10	1.6E-10	2.1E-12	1.4E-17
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	3.5E-08	1.1E-13	3.2E-08	2.0E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.6E-12	2.2E-17

Table H-318 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.7E-08	3.8E-12	2.5E-08	7.0E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.2E-12	7.5E-16
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	4.8E-13	3.1E-13	8.7E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	1.5E-17	9.4E-17
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.1E-08	1.3E-12	1.0E-08	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	5.0E-13	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16

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Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
Chlordecone (Kepone)		1.3E-06		1.5E-06						7.3E-11	
DDE				2.1E-07	7.8E-08					6.5E-09	4.0E-08
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						2.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18

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Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						3.4E-04					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.4E-05	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		

Table H-318 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.5E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					2.2E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					2.7E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		

Table H-318 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08				
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09				
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11				
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08				
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08				
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12				
Trichloroethene	6.8E-21					7.3E-12	1.7E-11	9.1E-13	9.1E-13				
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11				
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10				

Table H-319 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.6E-05	8.3E-05	4.5E-06	4.5E-06		
Aldehydes											
Acetaldehyde	3.9E-15					6.2E-05	1.4E-04	7.8E-06	7.8E-06		
Formaldehyde	1.9E-14					1.4E-01	1.2E+00	3.3E-06	3.3E-06		
Propionaldehyde				9.6E-17	2.7E-16	6.8E-06	1.6E-05	8.5E-07	8.5E-07	7.2E-13	4.4E-12
CO											
Carbon monoxide						1.9E-03	4.4E-03	2.4E-04	2.4E-04		
CO2											
Carbon dioxide						6.0E-05	1.4E-04	7.5E-06	7.5E-06		
Criteria											
Sulfur Dioxide						1.6E-05	3.7E-05	2.0E-06	2.0E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	5.3E-20	5.3E-17	7.4E-17	2.1E-16	5.9E-16	3.6E-11	8.4E-11	4.5E-12	4.5E-12	1.0E-17	6.3E-17
1,2,3,4,6,7,8-HpCDF	5.1E-20	5.4E-17	7.5E-17	2.1E-16	5.9E-16	3.7E-11	8.5E-11	4.6E-12	4.6E-12	1.0E-17	6.4E-17
1,2,3,4,7,8,9-HpCDF	7.8E-21	6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.7E-12	1.1E-11	5.8E-13	5.8E-13	1.2E-18	7.4E-18
1,2,3,4,7,8-HxCDD	6.0E-20	6.1E-18	8.5E-18	2.4E-17	6.7E-17	4.4E-12	1.0E-11	5.4E-13	5.4E-13	1.2E-18	7.2E-18
1,2,3,4,7,8-HxCDF	4.1E-19	4.8E-17	6.7E-17	1.9E-16	5.3E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	9.3E-18	5.7E-17
1,2,3,6,7,8-HxCDD	1.1E-19	1.2E-17	1.7E-17	4.9E-17	1.4E-16	9.2E-12	2.1E-11	1.1E-12	1.1E-12	2.4E-18	1.5E-17
1,2,3,6,7,8-HxCDF	1.5E-19	1.6E-17	2.2E-17	6.2E-17	1.7E-16	1.1E-11	2.7E-11	1.4E-12	1.4E-12	3.0E-18	1.9E-17
1,2,3,7,8,9-HxCDD	1.7E-19	1.9E-17	2.7E-17	7.7E-17	2.1E-16	1.4E-11	3.2E-11	1.7E-12	1.7E-12	3.8E-18	2.3E-17
1,2,3,7,8,9-HxCDF	1.2E-20	1.1E-18	1.6E-18	4.4E-18	1.2E-17	8.8E-13	2.0E-12	1.1E-13	1.1E-13	2.2E-19	1.3E-18
1,2,3,7,8-PeCDD	3.2E-19	6.8E-18	9.6E-18	2.7E-17	7.6E-17	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.3E-18	8.1E-18
1,2,3,7,8-PeCDF	4.4E-19	8.0E-18	1.1E-17	3.2E-17	8.9E-17	7.9E-12	1.8E-11	9.9E-13	9.9E-13	1.6E-18	9.6E-18

Table H-319 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	2.2E-19	2.5E-17	3.4E-17	9.7E-17	2.7E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	4.7E-18	2.9E-17
2,3,4,7,8-PeCDF	7.0E-19	1.9E-17	2.7E-17	7.6E-17	2.1E-16	1.8E-11	4.1E-11	2.2E-12	2.2E-12	3.7E-18	2.3E-17
2,3,7,8-TCDD	1.1E-19	1.4E-18	1.9E-18	5.5E-18	1.5E-17	2.2E-12	5.1E-12	2.8E-13	2.8E-13	1.9E-16	1.1E-15
2,3,7,8-TCDF	3.4E-19	2.5E-18	3.5E-18	1.0E-17	2.8E-17	8.2E-12	1.9E-11	1.0E-12	1.0E-12	4.9E-19	3.0E-18
OCDD	7.1E-22	3.6E-17	5.0E-17	1.4E-16	4.0E-16	2.4E-11	5.6E-11	3.0E-12	3.0E-12	7.0E-18	4.3E-17
OCDF	2.6E-22	1.4E-17	1.9E-17	5.5E-17	1.5E-16	9.1E-12	2.1E-11	1.1E-12	1.1E-12	2.7E-18	1.7E-17
HCN											
Hydrogen cyanide						6.8E-06	1.6E-05	8.5E-07	8.5E-07		
Metals											
Aluminum				4.4E-04	8.2E-04					2.1E-05	8.9E-05
Antimony	6.7E-19			1.6E-08	7.2E-09	4.5E-07	1.0E-06	5.6E-08	5.6E-08	7.9E-10	7.8E-10
Arsenic	3.5E-17	1.5E-08	7.8E-09	3.6E-08	3.7E-08	2.5E-08	5.9E-08	3.2E-09	3.2E-09	3.0E-09	6.6E-09
Barium	9.3E-14			1.2E-10	3.3E-10	5.4E-06	1.2E-05	6.7E-07	6.7E-07	5.7E-12	3.5E-11
Beryllium	1.4E-18			4.5E-17	1.3E-16	1.8E-09	4.3E-09	2.3E-10	2.3E-10	2.2E-18	1.4E-17
Cadmium	3.6E-16			3.5E-17	9.8E-17	3.2E-08	7.5E-08	4.1E-09	4.1E-09	1.7E-18	1.1E-17
Chromium	1.0E-16			3.0E-12	8.5E-12	2.8E-07	6.4E-07	3.5E-08	3.5E-08	1.5E-13	9.2E-13
Cobalt				1.1E-06	2.7E-06	4.2E-07	9.7E-07	5.3E-08	5.3E-08	5.6E-08	2.9E-07
Copper				1.2E-11	3.5E-11	7.6E-07	1.8E-06	9.5E-08	9.5E-08	6.1E-13	3.8E-12
Iron				9.7E-04	1.8E-03					4.8E-05	2.0E-04
Lead	3.0E-19			4.6E-06	6.2E-06	2.6E-07	5.9E-07	3.2E-08	3.2E-08	2.2E-07	6.6E-07
Manganese				3.4E-14	9.6E-14	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.7E-15	1.0E-14
Mercury (+2)				1.4E-15	3.9E-15	1.0E-09	2.3E-09	1.3E-10	1.3E-10	6.7E-17	4.2E-16
Mercury, elemental				7.3E-08	1.9E-09	4.2E-12	9.7E-12	5.3E-13	5.3E-13	1.4E-04	8.7E-04
Methyl Mercury	3.6E-16			8.2E-17	2.3E-16					4.0E-18	2.5E-17

Table H-319 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	1.4E-16			2.4E-05	5.7E-05	1.5E-07	3.4E-07	1.9E-08	1.9E-08	1.2E-06	6.1E-06
Phosphorus				3.2E-16	9.0E-16	1.1E-06	2.6E-06	1.4E-07	1.4E-07	3.1E-12	1.9E-11
Selenium	1.2E-17			1.7E-18	4.8E-18	7.5E-09	1.7E-08	9.3E-10	9.3E-10	8.5E-20	5.2E-19
Silver	8.6E-18			3.2E-14	8.9E-14	4.9E-09	1.1E-08	6.1E-10	6.1E-10	1.6E-15	9.6E-15
Titanium				3.4E-16	9.6E-16	2.6E-09	6.0E-09	3.3E-10	3.3E-10	1.7E-17	1.0E-16
Zinc	1.8E-13			7.9E-15	2.2E-14	5.9E-06	1.4E-05	7.3E-07	7.3E-07	3.9E-16	2.4E-15
NOx											
NOx (Oxides of Nitrogen)						6.7E-05	1.6E-04	8.4E-06	8.4E-06		
PAHs											
1-Methylnaphthalene		1.0E-17	1.4E-17	9.3E-18	2.6E-17	1.4E-06	3.3E-06	1.8E-07	1.8E-07	1.1E-14	6.5E-14
1-Methylphenanthrene				6.2E-15	1.7E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	3.0E-16	1.9E-15
2,3,5-Trimethylnaphthalene				2.9E-15	8.2E-15	8.4E-08	1.9E-07	1.0E-08	1.0E-08	1.4E-16	8.8E-16
2,6-Dimethylnaphthalene				8.0E-15	2.2E-14	2.2E-07	5.1E-07	2.8E-08	2.8E-08	3.9E-16	2.4E-15
2-Methylnaphthalene		9.9E-18	1.4E-17	9.0E-18	2.5E-17	1.4E-06	3.2E-06	1.7E-07	1.7E-07	1.0E-14	6.4E-14
Acenaphthylene				2.6E-14	7.2E-14	8.1E-07	1.9E-06	1.0E-07	1.0E-07	1.3E-15	7.7E-15
Acenaphthene	1.5E-16					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Anthracene	1.8E-15					2.6E-07	6.0E-07	3.2E-08	3.2E-08		
Benzo(a)anthracene	2.6E-13	9.5E-10	1.1E-13	8.6E-10	2.0E-13	1.3E-07	3.0E-07	1.6E-08	1.6E-08	1.3E-08	8.0E-08
Benzo(a)pyrene	1.3E-13	1.1E-09	5.6E-09	1.0E-09	1.0E-08	5.0E-08	1.2E-07	6.3E-09	6.3E-09	4.9E-11	1.1E-09
Benzo(b)fluoranthene	3.6E-14	2.0E-09	5.1E-09	1.8E-09	9.2E-09	5.6E-08	1.3E-07	7.0E-09	7.0E-09	8.9E-11	1.0E-09
Benzo(e)pyrene				1.5E-15	4.1E-15	4.3E-08	9.9E-08	5.4E-09	5.4E-09	7.2E-17	4.4E-16
Benzo(g,h,i)perylene				1.1E-15	3.0E-15	3.3E-08	7.6E-08	4.1E-09	4.1E-09	5.3E-17	3.2E-16
Benzo(k)fluoranthene	2.9E-16	1.5E-09	3.6E-15	1.4E-09	6.5E-15	5.0E-10	1.2E-09	6.2E-11	6.2E-11	6.7E-11	7.0E-16
Biphenyl				1.4E-16	4.0E-16	4.8E-06	1.1E-05	6.0E-07	6.0E-07	8.4E-14	5.2E-13

Table H-319 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	4.6E-14	1.2E-09	1.4E-13	1.1E-09	2.6E-13	2.2E-07	5.1E-07	2.7E-08	2.7E-08	5.2E-11	2.8E-14
Dibenze(a,h)anthracene	6.6E-15	1.3E-14	1.8E-14	1.2E-14	3.3E-14	8.0E-09	1.8E-08	9.9E-10	9.9E-10	5.7E-16	3.5E-15
Fluoranthene	1.2E-14	2.7E-15	3.8E-15	2.5E-15	6.9E-15	3.2E-07	7.4E-07	4.0E-08	4.0E-08	1.2E-16	7.5E-16
Fluorene	2.6E-15					8.0E-07	1.9E-06	1.0E-07	1.0E-07		
Indeno(1,2,3-cd)pyrene	1.7E-14	4.8E-10	5.0E-14	4.4E-10	9.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	2.2E-11	9.8E-15
Napthalene	1.2E-15					6.4E-06	1.5E-05	8.0E-07	8.0E-07		
Perylene				5.6E-16	1.6E-15	2.0E-08	4.6E-08	2.5E-09	2.5E-09	2.8E-17	1.7E-16
Phenanthrene	1.3E-14					1.5E-06	3.5E-06	1.9E-07	1.9E-07		
Pyrene	8.7E-15	9.2E-15	1.3E-14	8.3E-15	2.3E-14	3.1E-07	7.2E-07	3.9E-08	3.9E-08	2.3E-13	1.4E-12
Particulate											
Particulate Total Suspended Particulate				1.3E-10	3.6E-10	1.0E-03	2.3E-03	1.3E-04	1.3E-04	6.3E-12	3.9E-11
PM<10				1.6E-10	4.6E-10	1.3E-03	3.1E-03	1.7E-04	1.7E-04	8.0E-12	5.0E-11
PM<2.5				1.4E-10	3.8E-10	1.1E-03	2.6E-03	1.4E-04	1.4E-04	6.7E-12	4.1E-11
PCBs											
Dichlorobiphenyl	2.6E-16	2.5E-17	3.5E-17	2.1E-17	5.8E-17	4.0E-09	9.2E-09	5.0E-10	5.0E-10	1.9E-15	1.2E-14
Heptachlorobiphenyl	9.8E-18	2.9E-18	4.0E-18	2.4E-18	6.8E-18	5.4E-11	1.3E-10	6.8E-12	6.8E-12	1.2E-16	7.6E-16
Hexachlorobiphenyl	4.0E-17	1.3E-17	1.8E-17	1.1E-17	3.1E-17	2.3E-10	5.3E-10	2.9E-11	2.9E-11	5.6E-16	3.4E-15
Monochlorobiphenyl	1.8E-15	1.7E-16	2.4E-16	1.4E-16	4.1E-16	2.8E-08	6.4E-08	3.5E-09	3.5E-09	1.4E-14	8.3E-14
Nonachlorobiphenyl	1.2E-18	5.1E-19	7.1E-19	4.3E-19	1.2E-18	7.7E-12	1.8E-11	9.6E-13	9.6E-13	2.2E-17	1.3E-16
Octachlorobiphenyl	2.9E-18	9.3E-19	1.3E-18	7.8E-19	2.2E-18	1.7E-11	3.8E-11	2.1E-12	2.1E-12	4.0E-17	2.5E-16
Pentachlorobiphenyl	1.3E-16	4.7E-17	6.5E-17	3.9E-17	1.1E-16	7.8E-10	1.8E-09	9.8E-11	9.8E-11	2.0E-15	1.2E-14
Tetrachlorobiphenyl	7.8E-17	9.4E-18	1.3E-17	8.0E-18	2.2E-17	1.3E-09	3.0E-09	1.6E-10	1.6E-10	7.4E-16	4.6E-15
Trichlorobiphenyl	1.0E-16	1.1E-17	1.6E-17	9.6E-18	2.7E-17	1.6E-09	3.8E-09	2.0E-10	2.0E-10	8.9E-16	5.5E-15
Pesticides											

Table H-319 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chlordecone (Kepone)		5.4E-08		6.4E-08						3.1E-09	
DDE				8.8E-09	1.2E-08					2.8E-07	1.7E-06
SVOCs											
1,2,4-trichlorobenzene						1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,2-dichlorobenzene	1.2E-19					4.7E-09	1.1E-08	5.8E-10	5.8E-10		
1,3-Butadiene						9.3E-04					
1,3-dichlorobenzene	3.0E-19					7.0E-09	1.6E-08	8.7E-10	8.7E-10		
1,4-dichlorobenzene	4.0E-18					6.5E-08	1.5E-07	8.1E-09	8.1E-09		
2,4-Dimethylphenol	1.1E-16					1.0E-06	2.4E-06	1.3E-07	1.3E-07		
2-Chlorophenol	5.5E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
2-Methylphenol	2.3E-15					2.4E-06	5.5E-06	3.0E-07	3.0E-07		
2-Nitrophenol	1.4E-17					3.2E-07	7.5E-07	4.0E-08	4.0E-08		
3-Methylphenol & 4-Methylphenol				1.6E-13	4.4E-13	4.3E-06	9.9E-06	5.4E-07	5.4E-07	7.7E-15	4.8E-14
4-Nitrophenol	2.8E-17					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Acetophenone	1.7E-16					5.1E-06	1.2E-05	6.4E-07	6.4E-07		
Benzoic acid	6.8E-16					2.3E-05	5.3E-05	2.9E-06	2.9E-06		
Benzyl alcohol	4.2E-19					1.9E-07	4.5E-07	2.4E-08	2.4E-08		
bis(2-Ethylhexyl) phthalate	2.1E-14	2.9E-13	4.0E-13	3.4E-13	9.5E-13	8.1E-06	1.9E-05	1.0E-06	1.0E-06	1.7E-14	1.0E-13
Butyl benzyl phthalate	7.5E-15	1.4E-16	1.9E-16	1.6E-16	4.6E-16	2.6E-07	5.9E-07	3.2E-08	3.2E-08	8.1E-18	5.0E-17
Carbazole				6.0E-16	1.7E-15	7.2E-09	1.7E-08	9.0E-10	9.0E-10	2.9E-17	1.8E-16
Dibenzofuran		6.2E-18	8.6E-18	2.4E-17	6.8E-17	4.1E-07	9.4E-07	5.1E-08	5.1E-08	1.0E-14	6.4E-14
Dimethyl phthalate	2.8E-18					1.4E-08	3.3E-08	1.8E-09	1.8E-09		
Di-n-butyl phthalate	7.2E-14	1.4E-16	1.9E-16	1.6E-16	4.6E-16	3.9E-07	9.1E-07	4.9E-08	4.9E-08	8.1E-18	5.0E-17
Di-n-octyl phthalate	5.4E-19	4.0E-16	5.6E-16	4.8E-16	1.3E-15	2.8E-08	6.4E-08	3.4E-09	3.4E-09	2.3E-17	1.4E-16

Table H-319 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	2.9E-16					1.9E-06	4.4E-06	2.4E-07	2.4E-07		
Isopropanol						1.5E-02					
Phenol	6.3E-15					1.3E-05	3.0E-05	1.6E-06	1.6E-06		
Pyridine	3.3E-16					1.2E-06	2.8E-06	1.5E-07	1.5E-07		
TRS											
Total Reduced Sulfur						1.2E-05	2.9E-05	1.6E-06	1.6E-06		
VOCs											
1,1,1,2-Tetrachloroethane	1.2E-19					5.8E-09	1.3E-08	7.2E-10	7.2E-10		
1,1,1-Trichloroethane	7.5E-21					5.7E-09	1.3E-08	7.1E-10	7.1E-10		
1,1-Dichloroethene	2.6E-22					1.1E-09	2.6E-09	1.4E-10	1.4E-10		
1,2,3-Trichlorobenzene	8.0E-18					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2,3-Trichloropropane	4.6E-20					4.6E-09	1.1E-08	5.8E-10	5.8E-10		
1,2,4-Trimethylbenzene						2.7E-07	6.2E-07	3.3E-08	3.3E-08		
1,2-Dibromoethane	1.6E-20					3.0E-09	6.8E-09	3.7E-10	3.7E-10		
1,2-Dichloroethane	5.0E-19					1.2E-07	2.7E-07	4.3E-05	4.3E-05		
1,3,5-Trimethylbenzene	2.6E-18					2.5E-07	5.8E-07	3.1E-08	3.1E-08		
1,3-Dichloropropane						2.9E-09	6.6E-09	3.6E-10	3.6E-10		
2-Butanone	1.0E-16					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
2-Chlorotoluene						6.3E-08	1.5E-07	7.9E-09	7.9E-09		
2-Hexanone						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
Benzene	8.5E-17					3.6E-03	8.6E-05	4.2E-04	4.2E-04		
Bromobenzene						1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Bromochloromethane						3.8E-09	8.7E-09	4.7E-10	4.7E-10		
Bromodichloromethane	1.3E-20					4.1E-09	9.4E-09	5.1E-10	5.1E-10		

Table H-319 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
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Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromomethane	5.7E-20					1.6E-07	3.8E-07	2.0E-08	2.0E-08		
Carbon disulfide	5.4E-20					1.4E-07	3.3E-07	1.8E-08	1.8E-08		
Carbon tetrachloride	5.8E-21					6.4E-03	2.2E-08	6.6E-04	6.6E-04		
Chlorobenzene	2.0E-18					2.1E-07	4.8E-07	2.6E-08	2.6E-08		
Chlorodibromomethane	7.8E-19					1.0E-07	2.3E-07	1.3E-08	1.3E-08		
Chloroethane	1.6E-19					3.9E-07	9.1E-07	4.9E-08	4.9E-08		
Chloroform	1.2E-19					9.3E-04	1.9E-07	1.0E-04	1.0E-04		
Chloromethane	4.2E-19					1.3E-06	3.1E-06	1.7E-07	1.7E-07		
cis-1,2-Dichloroethene	1.6E-19					1.7E-07	3.9E-07	2.1E-08	2.1E-08		
cis-1,3-Dichloropropene						1.0E-09	2.4E-09	1.3E-10	1.3E-10		
Dibromomethane	1.8E-20					8.7E-09	2.0E-08	1.1E-09	1.1E-09		
Dichlorodifluoromethane	2.0E-22					1.1E-08	2.5E-08	1.3E-09	1.3E-09		
Ethylbenzene	6.4E-17					1.2E-03	1.9E-05	1.0E-06	1.0E-06		
Isopropylbenzene	8.4E-20					6.8E-07	1.6E-06	8.4E-08	8.4E-08		
m&p-Xylene	1.0E-17					1.6E-06	3.6E-06	2.0E-07	2.0E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19					1.5E-08	3.5E-08	1.9E-09	1.9E-09		
Methylene chloride	1.1E-18					7.7E-07	1.8E-06	9.7E-08	9.7E-08		
n-Butylbenzene						3.3E-07	7.7E-07	4.2E-08	4.2E-08		
n-Propylbenzene						4.0E-07	9.3E-07	5.0E-08	5.0E-08		
o-Xylene	1.2E-17					9.8E-07	2.3E-06	1.2E-07	1.2E-07		
p-Chlorotoluene						2.4E-08	5.5E-08	3.0E-09	3.0E-09		
p-Isopropyltoluene						1.6E-07	3.8E-07	2.1E-08	2.1E-08		
sec-Butylbenzene						6.1E-08	1.4E-07	7.6E-09	7.6E-09		
Styrene	4.0E-16					2.2E-05	5.1E-05	2.7E-06	2.7E-06		

Table H-319 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						2.0E-06	4.5E-06	2.4E-07	2.4E-07		
Tetrachloroethene	2.8E-20					5.2E-09	1.2E-08	6.5E-10	6.5E-10		
Toluene	6.7E-17					1.4E-05	3.1E-05	1.7E-06	1.7E-06		
trans-1,2-Dichloroethene	2.5E-18					3.6E-06	8.4E-06	4.5E-07	4.5E-07		
trans-1,3-Dichloropropene						1.8E-09	4.2E-09	2.3E-10	2.3E-10		
Trichloroethene	2.9E-22					3.1E-10	7.2E-10	3.9E-11	3.9E-11		
Trichlorofluoromethane	4.5E-22					3.7E-09	8.6E-09	4.7E-10	4.7E-10		
Vinyl chloride	2.1E-20					2.1E-07	4.9E-07	2.7E-08	2.7E-08		

Table H-320 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					3.2E-03	2.7E-02	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19	
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19	
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18	
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19	
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19	
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19	
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20	
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19	
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19	

Table H-320 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.0E-02	1.9E-02					5.0E-07	2.1E-06
Antimony	1.6E-17			3.8E-07	1.7E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.8E-11	1.8E-11
Arsenic	8.1E-16	3.6E-07	1.8E-07	8.5E-07	8.6E-07	5.9E-10	1.4E-09	7.4E-11	7.4E-11	6.9E-11	1.6E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				2.6E-05	6.4E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.3E-09	6.9E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				2.3E-02	4.3E-02					1.1E-06	4.7E-06
Lead	6.9E-18			1.1E-04	1.4E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.2E-09	1.6E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				1.7E-06	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	3.3E-06	2.0E-05
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18

Table H-320 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	1.3E-03	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.7E-08	1.4E-07
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	2.2E-08	2.8E-12	2.0E-08	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	3.0E-10	1.9E-09
Benzo(a)pyrene	3.1E-12	2.6E-08	1.3E-07	2.4E-08	2.4E-07	1.2E-09	2.7E-09	1.5E-10	1.5E-10	1.2E-12	2.6E-11
Benzo(b)fluoranthene	8.3E-13	4.7E-08	1.2E-07	4.2E-08	2.2E-07	1.3E-09	3.0E-09	1.6E-10	1.6E-10	2.1E-12	2.3E-11
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	3.5E-08	1.1E-13	3.2E-08	2.0E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.6E-12	2.2E-17
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14

Table H-320 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	1.1E-12	2.7E-08	3.8E-12	2.5E-08	7.0E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.2E-12	7.5E-16
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	4.8E-13	3.1E-13	8.7E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	1.5E-17	9.4E-17
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.1E-08	1.3E-12	1.0E-08	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	5.0E-13	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16
Pesticides											

Table H-320 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chlordecone (Kepone)		1.3E-06		1.5E-06						7.3E-11	
DDE				2.1E-07	2.8E-07					6.5E-09	4.0E-08
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						2.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18

Table H-320 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						3.4E-04					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.4E-05	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		

Table H-320 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.5E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					2.2E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					2.7E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		

Table H-320 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09				
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11				
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08				
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08				
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12				
Trichloroethene	6.8E-21					7.3E-12	1.7E-11	9.1E-13	9.1E-13				
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11				
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10				

Table H-321 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						3.6E-05	1.3E-03	4.5E-06	4.3E-04		
Aldehydes											
Acetaldehyde	3.9E-15					6.2E-05	2.2E-03	7.8E-06	7.4E-04		
Formaldehyde	1.9E-14					1.4E-01	8.7E-04	3.3E-06	2.9E-04		
Propionaldehyde				9.6E-17	3.1E-15	6.8E-06	2.5E-04	8.5E-07	8.2E-05	7.2E-13	5.1E-11
CO											
Carbon monoxide						1.9E-03	7.1E-02	2.4E-04	2.4E-02		
CO2											
Carbon dioxide						6.0E-05	2.1E-03	7.5E-06	7.2E-04		
Criteria											
Sulfur Dioxide						1.6E-05	5.2E-04	2.0E-06	1.7E-04		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	5.3E-20	5.3E-17	1.0E-15	2.1E-16	7.9E-15	3.6E-11	1.4E-09	4.5E-12	4.8E-10	1.0E-17	8.5E-16
1,2,3,4,6,7,8-HpCDF	5.1E-20	5.4E-17	1.0E-15	2.1E-16	7.9E-15	3.7E-11	1.5E-09	4.6E-12	4.9E-10	1.0E-17	8.5E-16
1,2,3,4,7,8,9-HpCDF	7.8E-21	6.2E-18	1.2E-16	2.4E-17	9.5E-16	4.7E-12	1.9E-10	5.8E-13	6.3E-11	1.2E-18	1.0E-16
1,2,3,4,7,8-HxCDD	6.0E-20	6.1E-18	1.2E-16	2.4E-17	9.2E-16	4.4E-12	1.8E-10	5.4E-13	5.9E-11	1.2E-18	9.9E-17
1,2,3,4,7,8-HxCDF	4.1E-19	4.8E-17	9.2E-16	1.9E-16	7.3E-15	3.5E-11	1.4E-09	4.4E-12	4.8E-10	9.3E-18	7.9E-16
1,2,3,6,7,8-HxCDD	1.1E-19	1.2E-17	2.4E-16	4.9E-17	1.9E-15	9.2E-12	3.7E-10	1.1E-12	1.2E-10	2.4E-18	2.0E-16
1,2,3,6,7,8-HxCDF	1.5E-19	1.6E-17	3.1E-16	6.2E-17	2.4E-15	1.1E-11	4.7E-10	1.4E-12	1.6E-10	3.0E-18	2.6E-16
1,2,3,7,8,9-HxCDD	1.7E-19	1.9E-17	3.7E-16	7.7E-17	3.0E-15	1.4E-11	5.6E-10	1.7E-12	1.9E-10	3.8E-18	3.2E-16
1,2,3,7,8,9-HxCDF	1.2E-20	1.1E-18	2.2E-17	4.4E-18	1.7E-16	8.8E-13	3.6E-11	1.1E-13	1.2E-11	2.2E-19	1.9E-17
1,2,3,7,8-PeCDD	3.2E-19	6.8E-18	1.3E-16	2.7E-17	1.1E-15	5.5E-12	2.3E-10	6.9E-13	7.5E-11	1.3E-18	1.1E-16
1,2,3,7,8-PeCDF	4.4E-19	8.0E-18	1.6E-16	3.2E-17	1.2E-15	7.9E-12	3.2E-10	9.9E-13	1.1E-10	1.6E-18	1.3E-16

Table H-321 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	2.2E-19	2.5E-17	4.6E-16	9.7E-17	3.7E-15	1.8E-11	7.1E-10	2.2E-12	2.4E-10	4.7E-18	3.9E-16
2,3,4,7,8-PeCDF	7.0E-19	1.9E-17	3.8E-16	7.6E-17	3.0E-15	1.8E-11	7.2E-10	2.2E-12	2.4E-10	3.7E-18	3.2E-16
2,3,7,8-TCDD	1.1E-19	1.4E-18	2.0E-17	5.5E-18	1.6E-16	2.2E-12	7.4E-11	2.8E-13	2.5E-11	1.9E-16	1.2E-14
2,3,7,8-TCDF	3.4E-19	2.5E-18	5.0E-17	1.0E-17	4.0E-16	8.2E-12	3.4E-10	1.0E-12	1.1E-10	4.9E-19	4.3E-17
OCDD	7.1E-22	3.6E-17	6.6E-16	1.4E-16	5.2E-15	2.4E-11	9.5E-10	3.0E-12	3.2E-10	7.0E-18	5.6E-16
OCDF	2.6E-22	1.4E-17	2.5E-16	5.5E-17	2.0E-15	9.1E-12	3.5E-10	1.1E-12	1.2E-10	2.7E-18	2.1E-16
HCN											
Hydrogen cyanide						6.8E-06	2.6E-04	8.5E-07	8.8E-05		
Metals											
Aluminum				4.4E-04						2.1E-05	
Antimony	6.7E-19			1.6E-08		4.5E-07	1.1E-05	5.6E-08	3.7E-06	7.9E-10	
Arsenic	3.5E-17	1.5E-08	2.1E-18	3.6E-08	9.8E-18	2.5E-08	9.0E-07	3.2E-09	3.0E-07	3.0E-09	1.8E-18
Barium	9.3E-14			1.2E-10	4.0E-09	5.4E-06	1.5E-04	6.7E-07	4.8E-05	5.7E-12	4.4E-10
Beryllium	1.4E-18			4.5E-17	1.7E-15	1.8E-09	6.2E-08	2.3E-10	2.1E-08	2.2E-18	1.8E-16
Cadmium	3.6E-16			3.5E-17	1.3E-15	3.2E-08	1.1E-06	4.1E-09	3.8E-07	1.7E-18	1.4E-16
Chromium	1.0E-16			3.0E-12	1.2E-10	2.8E-07	9.9E-06	3.5E-08	3.3E-06	1.5E-13	1.3E-11
Cobalt				1.1E-06	3.8E-10	4.2E-07	7.7E-06	5.3E-08	2.6E-06	5.6E-08	4.0E-11
Copper				1.2E-11	4.7E-10	7.6E-07	2.6E-05	9.5E-08	8.7E-06	6.1E-13	5.1E-11
Iron				9.7E-04						4.8E-05	
Lead	3.0E-19			4.6E-06	1.6E-13	2.6E-07	8.4E-06	3.2E-08	2.8E-06	2.2E-07	1.8E-14
Manganese				3.4E-14	1.3E-12	2.3E-07	8.1E-06	2.9E-08	2.7E-06	1.7E-15	1.4E-13
Mercury (+2)				1.4E-15	4.2E-14	1.0E-09	3.6E-08	1.3E-10	1.2E-08	6.7E-17	4.6E-15
Mercury, elemental				7.3E-08		4.2E-12	1.5E-10	5.3E-13	4.9E-11	1.4E-04	
Methyl Mercury	3.6E-16			8.2E-17	3.2E-15					4.0E-18	3.4E-16

Table H-321 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	1.4E-16			2.4E-05	6.6E-15	1.5E-07	5.1E-06	1.9E-08	1.7E-06	1.2E-06	7.2E-16
Phosphorus				3.2E-16	1.2E-14	1.1E-06	3.7E-05	1.4E-07	1.2E-05	3.1E-12	2.5E-10
Selenium	1.2E-17			1.7E-18	6.6E-17	7.5E-09	2.6E-07	9.3E-10	8.7E-08	8.5E-20	7.2E-18
Silver	8.6E-18			3.2E-14	1.2E-12	4.9E-09	1.6E-07	6.1E-10	5.3E-08	1.6E-15	1.3E-13
Titanium				3.4E-16	1.4E-14	2.6E-09	9.8E-08	3.3E-10	3.3E-08	1.7E-17	1.5E-15
Zinc	1.8E-13			7.9E-15	2.8E-13	5.9E-06	1.7E-04	7.3E-07	5.6E-05	3.9E-16	3.0E-14
NOx											
NOx (Oxides of Nitrogen)						6.7E-05	2.2E-03	8.4E-06	7.5E-04		
PAHs											
1-Methylnaphthalene		1.0E-17	2.1E-16	9.3E-18	3.8E-16	1.4E-06	5.9E-05	1.8E-07	2.0E-05	1.1E-14	9.5E-13
1-Methylphenanthrene				6.2E-15	2.6E-13	1.7E-07	7.1E-06	2.1E-08	2.4E-06	3.0E-16	2.8E-14
2,3,5-Trimethylnaphthalene				2.9E-15	1.3E-13	8.4E-08	3.6E-06	1.0E-08	1.2E-06	1.4E-16	1.4E-14
2,6-Dimethylnaphthalene				8.0E-15	3.4E-13	2.2E-07	9.3E-06	2.8E-08	3.1E-06	3.9E-16	3.6E-14
2-Methylnaphthalene		9.9E-18	2.0E-16	9.0E-18	3.7E-16	1.4E-06	5.7E-05	1.7E-07	1.9E-05	1.0E-14	9.3E-13
Acenaphthylene				2.6E-14	1.1E-12	8.1E-07	3.4E-05	1.0E-07	1.1E-05	1.3E-15	1.2E-13
Acenaphthene	1.5E-16					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Anthracene	1.8E-15					2.6E-07	1.1E-05	3.2E-08	3.7E-06		
Benzo(a)anthracene	2.6E-13	9.5E-10	1.7E-12	8.6E-10	3.1E-12	1.3E-07	5.5E-06	1.6E-08	1.8E-06	1.3E-08	1.0E-10
Benzo(a)pyrene	1.3E-13	1.1E-09	7.3E-13	1.0E-09	1.3E-12	5.0E-08	2.1E-06	6.3E-09	7.0E-07	4.9E-11	1.4E-13
Benzo(b)fluoranthene	3.6E-14	2.0E-09	3.9E-14	1.8E-09	7.2E-14	5.6E-08	2.3E-06	7.0E-09	7.6E-07	8.9E-11	7.7E-15
Benzo(e)pyrene				1.5E-15	5.7E-14	4.3E-08	1.8E-06	5.4E-09	5.8E-07	7.2E-17	6.2E-15
Benzo(g,h,i)perylene				1.1E-15	4.4E-14	3.3E-08	1.4E-06	4.1E-09	4.5E-07	5.3E-17	4.7E-15
Benzo(k)fluoranthene	2.9E-16	1.5E-09	2.4E-14	1.4E-09	4.3E-14	5.0E-10	8.9E-09	6.2E-11	3.0E-09	6.7E-11	4.6E-15
Biphenyl				1.4E-16	6.0E-15	4.8E-06	2.0E-04	6.0E-07	6.7E-05	8.4E-14	7.7E-12

Table H-321 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	4.6E-14	1.2E-09	2.1E-12	1.1E-09	3.8E-12	2.2E-07	9.1E-06	2.7E-08	3.0E-06	5.2E-11	4.1E-13
Dibenze(a,h)anthracene	6.6E-15	1.3E-14	2.6E-13	1.2E-14	4.7E-13	8.0E-09	3.3E-07	9.9E-10	1.1E-07	5.7E-16	5.0E-14
Fluoranthene	1.2E-14	2.7E-15	5.5E-14	2.5E-15	1.0E-13	3.2E-07	1.3E-05	4.0E-08	4.4E-06	1.2E-16	1.1E-14
Fluorene	2.6E-15					8.0E-07	3.4E-05	1.0E-07	1.1E-05		
Indeno(1,2,3-cd)pyrene	1.7E-14	4.8E-10	7.1E-13	4.4E-10	1.3E-12	2.6E-08	1.1E-06	3.3E-09	3.6E-07	2.2E-11	1.4E-13
Napthalene	1.2E-15					6.4E-06	2.7E-04	8.0E-07	8.8E-05		
Perylene				5.6E-16	2.6E-14	2.0E-08	8.7E-07	2.5E-09	2.9E-07	2.8E-17	2.8E-15
Phenanthrene	1.3E-14					1.5E-06	6.2E-05	1.9E-07	2.1E-05		
Pyrene	8.7E-15	9.2E-15	1.9E-13	8.3E-15	3.4E-13	3.1E-07	1.3E-05	3.9E-08	4.3E-06	2.3E-13	2.1E-11
Particulate											
Particulate Total Suspended Particulate				1.3E-10	5.2E-09	1.0E-03	3.9E-02	1.3E-04	1.3E-02	6.3E-12	5.6E-10
PM<10				1.6E-10	6.8E-09	1.3E-03	5.2E-02	1.7E-04	1.7E-02	8.0E-12	7.3E-10
PM<2.5				1.4E-10	5.7E-09	1.1E-03	4.5E-02	1.4E-04	1.5E-02	6.7E-12	6.2E-10
PCBs											
Dichlorobiphenyl	2.6E-16	2.5E-17	4.9E-16	2.1E-17	8.3E-16	4.0E-09	1.6E-07	5.0E-10	5.4E-08	1.9E-15	1.7E-13
Heptachlorobiphenyl	9.8E-18	2.9E-18	5.5E-17	2.4E-18	9.4E-17	5.4E-11	2.2E-09	6.8E-12	7.3E-10	1.2E-16	1.0E-14
Hexachlorobiphenyl	4.0E-17	1.3E-17	2.3E-16	1.1E-17	3.9E-16	2.3E-10	8.9E-09	2.9E-11	3.0E-09	5.6E-16	4.4E-14
Monochlorobiphenyl	1.8E-15	1.7E-16	3.4E-15	1.4E-16	5.8E-15	2.8E-08	1.1E-06	3.5E-09	3.8E-07	1.4E-14	1.2E-12
Nonachlorobiphenyl	1.2E-18	5.1E-19	7.9E-18	4.3E-19	1.3E-17	7.7E-12	2.7E-10	9.6E-13	9.1E-11	2.2E-17	1.5E-15
Octachlorobiphenyl	2.9E-18	9.3E-19	1.7E-17	7.8E-19	2.9E-17	1.7E-11	6.5E-10	2.1E-12	2.2E-10	4.0E-17	3.2E-15
Pentachlorobiphenyl	1.3E-16	4.7E-17	8.0E-16	3.9E-17	1.3E-15	7.8E-10	3.0E-08	9.8E-11	9.9E-09	2.0E-15	1.5E-13
Tetrachlorobiphenyl	7.8E-17	9.4E-18	1.6E-16	8.0E-18	2.7E-16	1.3E-09	4.8E-08	1.6E-10	1.6E-08	7.4E-16	5.5E-14
Trichlorobiphenyl	1.0E-16	1.1E-17	2.0E-16	9.6E-18	3.4E-16	1.6E-09	6.3E-08	2.0E-10	2.1E-08	8.9E-16	7.0E-14
Pesticides											

Table H-321 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chlordecone (Kepone)		5.4E-08		6.4E-08						3.1E-09	
DDE				8.8E-09						2.8E-07	
SVOCs											
1,2,4-trichlorobenzene						1.2E-08	3.7E-07	1.4E-09	1.2E-07		
1,2-dichlorobenzene	1.2E-19					4.7E-09	8.3E-08	5.8E-10	2.8E-08		
1,3-Butadiene						9.3E-04					
1,3-dichlorobenzene	3.0E-19					7.0E-09	2.4E-07	8.7E-10	7.9E-08		
1,4-dichlorobenzene	4.0E-18					6.5E-08	2.9E-06	8.1E-09	9.7E-07		
2,4-Dimethylphenol	1.1E-16					1.0E-06	4.1E-05	1.3E-07	1.4E-05		
2-Chlorophenol	5.5E-18					2.0E-07	8.8E-06	2.5E-08	2.9E-06		
2-Methylphenol	2.3E-15					2.4E-06	1.0E-04	3.0E-07	3.3E-05		
2-Nitrophenol	1.4E-17					3.2E-07	1.3E-05	4.0E-08	4.5E-06		
3-Methylphenol & 4-Methylphenol				1.6E-13	6.6E-12	4.3E-06	1.8E-04	5.4E-07	6.0E-05	7.7E-15	7.1E-13
4-Nitrophenol	2.8E-17					5.4E-07	2.1E-05	6.7E-08	6.9E-06		
Acetophenone	1.7E-16					5.1E-06	2.1E-04	6.4E-07	7.0E-05		
Benzoic acid	6.8E-16					2.3E-05	9.6E-04	2.9E-06	3.2E-04		
Benzyl alcohol	4.2E-19					1.9E-07	5.8E-06	2.4E-08	1.9E-06		
bis(2-Ethylhexyl) phthalate	2.1E-14	2.9E-13	5.2E-12	3.4E-13	1.2E-11	8.1E-06	3.2E-04	1.0E-06	1.1E-04	1.7E-14	1.3E-12
Butyl benzyl phthalate	7.5E-15	1.4E-16	2.8E-15	1.6E-16	6.7E-15	2.6E-07	1.1E-05	3.2E-08	3.5E-06	8.1E-18	7.3E-16
Carbazole				6.0E-16	1.1E-14	7.2E-09	1.3E-07	9.0E-10	4.3E-08	2.9E-17	1.2E-15
Dibenzofuran		6.2E-18	1.2E-16	2.4E-17	9.7E-16	4.1E-07	1.7E-05	5.1E-08	5.6E-06	1.0E-14	9.1E-13
Dimethyl phthalate	2.8E-18					1.4E-08	2.5E-07	1.8E-09	8.5E-08		
Di-n-butyl phthalate	7.2E-14	1.4E-16	2.9E-15	1.6E-16	6.8E-15	3.9E-07	1.6E-05	4.9E-08	5.4E-06	8.1E-18	7.3E-16
Di-n-octyl phthalate	5.4E-19	4.0E-16	3.7E-15	4.8E-16	8.8E-15	2.8E-08	4.9E-07	3.4E-09	1.6E-07	2.3E-17	9.5E-16

Table H-321 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	2.9E-16					1.9E-06	3.4E-05	2.4E-07	1.1E-05		
Isopropanol						1.5E-02					
Phenol	6.3E-15					1.3E-05	5.3E-04	1.6E-06	1.8E-04		
Pyridine	3.3E-16					1.2E-06	5.1E-05	1.5E-07	1.7E-05		
TRS											
Total Reduced Sulfur						1.2E-05	5.4E-04	1.6E-06	1.8E-04		
VOCs											
1,1,1,2-Tetrachloroethane	1.2E-19					5.8E-09	2.0E-07	7.2E-10	6.5E-08		
1,1,1-Trichloroethane	7.5E-21					5.7E-09	2.1E-07	7.1E-10	7.1E-08		
1,1-Dichloroethene	2.6E-22					1.1E-09	2.0E-08	1.4E-10	6.6E-09		
1,2,3-Trichlorobenzene	8.0E-18					2.3E-08	8.5E-07	2.9E-09	2.8E-07		
1,2,3-Trichloropropane	4.6E-20					4.6E-09	8.3E-08	5.8E-10	2.8E-08		
1,2,4-Trimethylbenzene						2.7E-07	8.5E-06	3.3E-08	2.8E-06		
1,2-Dibromoethane	1.6E-20					3.0E-09	5.3E-08	3.7E-10	1.8E-08		
1,2-Dichloroethane	5.0E-19					1.2E-07	4.5E-06	4.3E-05	1.5E-06		
1,3,5-Trimethylbenzene	2.6E-18					2.5E-07	7.5E-06	3.1E-08	2.5E-06		
1,3-Dichloropropane						2.9E-09	5.1E-08	3.6E-10	1.7E-08		
2-Butanone	1.0E-16					1.4E-06	5.6E-05	1.8E-07	1.9E-05		
2-Chlorotoluene						6.3E-08	2.6E-06	7.9E-09	8.7E-07		
2-Hexanone						2.9E-07	1.1E-05	3.6E-08	3.5E-06		
Benzene	8.5E-17					3.6E-03	1.5E-03	4.2E-04	4.9E-04		
Bromobenzene						1.6E-06	2.8E-05	2.0E-07	9.5E-06		
Bromochloromethane						3.8E-09	6.7E-08	4.7E-10	2.2E-08		
Bromodichloromethane	1.3E-20					4.1E-09	7.3E-08	5.1E-10	2.4E-08		

Table H-321 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromomethane	5.7E-20					1.6E-07	4.9E-06	2.0E-08	1.6E-06		
Carbon disulfide	5.4E-20					1.4E-07	4.2E-06	1.8E-08	1.4E-06		
Carbon tetrachloride	5.8E-21					6.4E-03	1.7E-07	6.6E-04	5.6E-08		
Chlorobenzene	2.0E-18					2.1E-07	7.4E-06	2.6E-08	2.5E-06		
Chlorodibromomethane	7.8E-19					1.0E-07	1.8E-06	1.3E-08	6.0E-07		
Chloroethane	1.6E-19					3.9E-07	1.4E-05	4.9E-08	4.5E-06		
Chloroform	1.2E-19					9.3E-04	1.6E-06	1.0E-04	5.5E-07		
Chloromethane	4.2E-19					1.3E-06	4.0E-05	1.7E-07	1.3E-05		
cis-1,2-Dichloroethene	1.6E-19					1.7E-07	3.0E-06	2.1E-08	1.0E-06		
cis-1,3-Dichloropropene						1.0E-09	1.9E-08	1.3E-10	6.2E-09		
Dibromomethane	1.8E-20					8.7E-09	1.6E-07	1.1E-09	5.2E-08		
Dichlorodifluoromethane	2.0E-22					1.1E-08	1.9E-07	1.3E-09	6.3E-08		
Ethylbenzene	6.4E-17					1.2E-03	3.2E-04	1.0E-06	1.1E-04		
Isopropylbenzene	8.4E-20					6.8E-07	2.3E-05	8.4E-08	7.7E-06		
m&p-Xylene	1.0E-17					1.6E-06	5.3E-05	2.0E-07	1.8E-05		
Methyl Isobutyl Ketone (4-methyl-2-per	1.0E-19					1.5E-08	2.7E-07	1.9E-09	9.1E-08		
Methylene chloride	1.1E-18					7.7E-07	2.8E-05	9.7E-08	9.5E-06		
n-Butylbenzene						3.3E-07	9.9E-06	4.2E-08	3.3E-06		
n-Propylbenzene						4.0E-07	1.3E-05	5.0E-08	4.4E-06		
o-Xylene	1.2E-17					9.8E-07	3.3E-05	1.2E-07	1.1E-05		
p-Chlorotoluene						2.4E-08	7.2E-07	3.0E-09	2.4E-07		
p-Isopropyltoluene						1.6E-07	3.9E-06	2.1E-08	1.3E-06		
sec-Butylbenzene						6.1E-08	1.9E-06	7.6E-09	6.2E-07		
Styrene	4.0E-16					2.2E-05	8.0E-04	2.7E-06	2.7E-04		

Table H-321 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)	Particulate/Vapors (ug/m3)
tert-Butylbenzene						2.0E-06	3.5E-05	2.4E-07	1.2E-05				
Tetrachloroethene	2.8E-20					5.2E-09	1.8E-07	6.5E-10	6.0E-08				
Toluene	6.7E-17					1.4E-05	5.3E-04	1.7E-06	1.8E-04				
trans-1,2-Dichloroethene	2.5E-18					3.6E-06	6.5E-05	4.5E-07	2.2E-05				
trans-1,3-Dichloropropene						1.8E-09	3.2E-08	2.3E-10	1.1E-08				
Trichloroethene	2.9E-22					3.1E-10	5.6E-09	3.9E-11	1.9E-09				
Trichlorofluoromethane	4.5E-22					3.7E-09	6.7E-08	4.7E-10	2.2E-08				
Vinyl chloride	2.1E-20					2.1E-07	5.2E-06	2.7E-08	1.7E-06				

Table H-322 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	3.0E-05	1.0E-07	9.9E-06		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	5.2E-05	1.8E-07	1.7E-05		
Formaldehyde	4.5E-13					3.2E-03	2.0E-05	7.7E-08	6.8E-06		
Propionaldehyde				2.2E-15	7.2E-14	1.6E-07	5.8E-06	2.0E-08	1.9E-06	1.7E-14	1.2E-12
CO											
Carbon monoxide						4.5E-05	1.7E-03	5.6E-06	5.6E-04		
CO2											
Carbon dioxide						1.4E-06	5.0E-05	1.8E-07	1.7E-05		
Criteria											
Sulfur Dioxide						3.8E-07	1.2E-05	4.7E-08	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	4.0E-14	8.5E-15	3.2E-13	8.5E-13	3.4E-11	1.1E-13	1.1E-11	4.2E-19	3.4E-17
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	4.1E-14	8.6E-15	3.2E-13	8.6E-13	3.4E-11	1.1E-13	1.1E-11	4.2E-19	3.5E-17
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	4.9E-15	9.9E-16	3.9E-14	1.1E-13	4.4E-12	1.4E-14	1.5E-12	4.8E-20	4.2E-18
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	4.7E-15	9.7E-16	3.7E-14	1.0E-13	4.1E-12	1.3E-14	1.4E-12	4.7E-20	4.0E-18
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	3.8E-14	7.7E-15	3.0E-13	8.3E-13	3.3E-11	1.0E-13	1.1E-11	3.8E-19	3.2E-17
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	9.7E-15	2.0E-15	7.7E-14	2.1E-13	8.7E-12	2.7E-14	2.9E-12	9.7E-20	8.3E-18
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	1.2E-14	2.5E-15	9.8E-14	2.7E-13	1.1E-11	3.4E-14	3.6E-12	1.2E-19	1.1E-17
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.5E-14	3.1E-15	1.2E-13	3.2E-13	1.3E-11	4.1E-14	4.4E-12	1.5E-19	1.3E-17
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	8.9E-16	1.8E-16	7.1E-15	2.1E-14	8.4E-13	2.6E-15	2.8E-13	8.8E-21	7.6E-19
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	5.4E-15	1.1E-15	4.3E-14	1.3E-13	5.3E-12	1.6E-14	1.8E-12	5.4E-20	4.6E-18
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	6.4E-15	1.3E-15	5.1E-14	1.8E-13	7.5E-12	2.3E-14	2.5E-12	6.3E-20	5.5E-18

Table H-322 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.9E-14	3.9E-15	1.5E-13	4.2E-13	1.7E-11	5.2E-14	5.6E-12	1.9E-19	1.6E-17
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.5E-14	3.1E-15	1.2E-13	4.1E-13	1.7E-11	5.2E-14	5.6E-12	1.5E-19	1.3E-17
2,3,7,8-TCDD	2.7E-18	5.5E-17	8.0E-16	2.2E-16	6.3E-15	5.2E-14	1.7E-12	6.5E-15	5.8E-13	7.4E-18	4.7E-16
2,3,7,8-TCDF	8.2E-18	1.0E-16	2.0E-15	4.0E-16	1.6E-14	1.9E-13	7.8E-12	2.4E-14	2.6E-12	2.0E-20	1.7E-18
OCDD	2.5E-20	1.5E-15	2.7E-14	5.8E-15	2.1E-13	5.6E-13	2.2E-11	7.0E-14	7.4E-12	2.8E-19	2.3E-17
OCDF	9.3E-21	5.7E-16	1.0E-14	2.2E-15	8.0E-14	2.1E-13	8.2E-12	2.6E-14	2.7E-12	1.1E-19	8.6E-18
HCN											
Hydrogen cyanide						1.6E-07	6.2E-06	2.0E-08	2.1E-06		
Metals											
Aluminum				1.0E-02						5.0E-07	
Antimony	1.6E-17			3.8E-07		1.0E-08	2.6E-07	1.3E-09	8.6E-08	1.8E-11	
Arsenic	8.1E-16	3.6E-07	4.8E-17	8.5E-07	2.3E-16	5.9E-10	2.1E-08	7.4E-11	7.0E-09	6.9E-11	4.1E-20
Barium	2.7E-12			4.4E-09	1.5E-07	1.3E-07	3.4E-06	1.6E-08	1.1E-06	2.1E-13	1.6E-11
Beryllium	3.3E-17			1.0E-15	3.9E-14	4.3E-11	1.5E-09	5.4E-12	4.8E-10	5.1E-20	4.3E-18
Cadmium	8.3E-15			8.2E-16	3.1E-14	7.6E-10	2.6E-08	9.5E-11	8.8E-09	4.0E-20	3.4E-18
Chromium	2.8E-15			9.6E-11	3.7E-09	6.5E-09	2.3E-07	8.1E-10	7.7E-08	4.7E-15	4.0E-13
Cobalt				2.6E-05	1.4E-08	9.8E-09	1.8E-07	1.2E-09	6.0E-08	1.3E-09	1.5E-12
Copper				4.5E-10	1.7E-08	1.8E-08	6.1E-07	2.2E-09	2.0E-07	2.2E-14	1.8E-12
Iron				2.3E-02						1.1E-06	
Lead	6.9E-18			1.1E-04	3.8E-12	6.0E-09	2.0E-07	7.5E-10	6.5E-08	5.2E-09	4.1E-16
Manganese				8.0E-13	3.1E-11	5.5E-09	1.9E-07	6.8E-10	6.3E-08	3.9E-17	3.3E-15
Mercury (+2)				6.4E-14	2.0E-12	2.4E-11	8.3E-10	2.9E-12	2.8E-10	3.1E-18	2.1E-16
Mercury, elemental				1.7E-06		9.8E-14	3.5E-12	1.2E-14	1.2E-12	3.3E-06	
Methyl Mercury	1.3E-14			3.8E-15	1.5E-13					1.9E-19	1.6E-17

Table H-322 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	1.6E-13	3.5E-09	1.2E-07	4.3E-10	4.0E-08	2.7E-08	1.7E-17
Phosphorus				7.5E-15	2.8E-13	2.6E-08	8.6E-07	3.3E-09	2.9E-07	7.2E-14	5.9E-12
Selenium	2.8E-16			4.0E-17	1.6E-15	1.7E-10	6.1E-09	2.2E-11	2.0E-09	2.0E-21	1.7E-19
Silver	2.1E-16			8.5E-13	3.2E-11	1.1E-10	3.7E-09	1.4E-11	1.2E-09	4.2E-17	3.4E-15
Titanium				8.0E-15	3.2E-13	6.1E-11	2.3E-09	7.6E-12	7.6E-10	3.9E-19	3.5E-17
Zinc	4.1E-12			1.8E-13	6.5E-12	1.4E-07	3.9E-06	1.7E-08	1.3E-06	9.0E-18	7.0E-16
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	5.2E-05	2.0E-07	1.7E-05		
PAHs											
1-Methylnaphthalene		2.4E-16	4.9E-15	2.2E-16	8.9E-15	3.3E-08	1.4E-06	4.1E-09	4.6E-07	2.5E-16	2.2E-14
1-Methylphenanthrene				1.5E-13	6.0E-12	3.9E-09	1.7E-07	4.9E-10	5.5E-08	7.1E-18	6.5E-16
2,3,5-Trimethylnaphthalene				6.8E-14	3.0E-12	1.9E-09	8.4E-08	2.4E-10	2.8E-08	3.3E-18	3.2E-16
2,6-Dimethylnaphthalene				1.9E-13	7.9E-12	5.1E-09	2.2E-07	6.4E-10	7.3E-08	9.1E-18	8.5E-16
2-Methylnaphthalene		2.3E-16	4.7E-15	2.1E-16	8.6E-15	3.2E-08	1.3E-06	4.0E-09	4.4E-07	2.4E-16	2.2E-14
Acenaphthylene				6.0E-13	2.5E-11	1.9E-08	8.0E-07	2.4E-09	2.7E-07	2.9E-17	2.7E-15
Acenaphthene	3.4E-15					3.5E-09	1.4E-07	4.3E-10	4.8E-08		
Anthracene	4.3E-14					6.1E-09	2.6E-07	7.6E-10	8.6E-08		
Benzo(a)anthracene	6.2E-12	2.2E-08	4.4E-11	2.0E-08	8.0E-11	3.0E-09	1.3E-07	3.7E-10	4.3E-08	3.0E-10	2.7E-12
Benzo(a)pyrene	3.1E-12	2.6E-08	1.8E-11	2.4E-08	3.3E-11	1.2E-09	4.9E-08	1.5E-10	1.6E-08	1.2E-12	3.6E-15
Benzo(b)fluoranthene	8.3E-13	4.7E-08	1.0E-12	4.2E-08	1.8E-12	1.3E-09	5.3E-08	1.6E-10	1.8E-08	2.1E-12	2.0E-16
Benzo(e)pyrene				3.4E-14	1.3E-12	1.0E-09	4.1E-08	1.3E-10	1.4E-08	1.7E-18	1.4E-16
Benzo(g,h,i)perylene				2.5E-14	1.0E-12	7.7E-10	3.2E-08	9.6E-11	1.1E-08	1.2E-18	1.1E-16
Benzo(k)fluoranthene	7.9E-15	3.5E-08	7.3E-13	3.2E-08	1.3E-12	1.2E-11	2.1E-10	1.5E-12	6.9E-11	1.6E-12	1.4E-16
Biphenyl				3.3E-15	1.4E-13	1.1E-07	4.7E-06	1.4E-08	1.6E-06	2.0E-15	1.8E-13

Table H-322 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	1.1E-12	2.7E-08	5.6E-11	2.5E-08	1.0E-10	5.1E-09	2.1E-07	6.4E-10	7.1E-08	1.2E-12	1.1E-14
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	6.8E-12	3.1E-13	1.2E-11	1.9E-10	7.6E-09	2.3E-11	2.5E-09	1.5E-17	1.3E-15
Fluoranthene	2.8E-13	6.8E-14	1.4E-12	6.1E-14	2.5E-12	7.5E-09	3.1E-07	9.4E-10	1.0E-07	3.0E-18	2.7E-16
Fluorene	6.1E-14					1.9E-08	7.9E-07	2.3E-09	2.6E-07		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.1E-08	1.8E-11	1.0E-08	3.3E-11	6.2E-10	2.5E-08	7.7E-11	8.5E-09	5.0E-13	3.6E-15
Napthalene	2.8E-14					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Perylene				1.3E-14	6.2E-13	4.6E-10	2.0E-08	5.8E-11	6.8E-09	6.5E-19	6.6E-17
Phenanthrene	2.9E-13					3.5E-08	1.5E-06	4.4E-09	4.8E-07		
Pyrene	2.0E-13	2.8E-13	5.7E-12	2.5E-13	1.0E-11	7.3E-09	3.0E-07	9.1E-10	1.0E-07	7.1E-15	6.4E-13
Particulate											
Particulate Total Suspended Particulate				3.0E-09	1.2E-07	2.3E-05	9.0E-04	2.9E-06	3.0E-04	1.5E-13	1.3E-11
PM<10				3.8E-09	1.6E-07	3.1E-05	1.2E-03	3.9E-06	4.0E-04	1.9E-13	1.7E-11
PM<2.5				3.2E-09	1.3E-07	2.6E-05	1.0E-03	3.3E-06	3.5E-04	1.6E-13	1.4E-11
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	2.0E-14	8.3E-16	3.3E-14	9.3E-11	3.8E-09	1.2E-11	1.3E-09	7.8E-17	6.8E-15
Heptachlorobiphenyl	2.3E-16	1.2E-16	2.2E-15	9.8E-17	3.8E-15	1.3E-12	5.1E-11	1.6E-13	1.7E-11	5.0E-18	4.2E-16
Hexachlorobiphenyl	9.4E-16	5.2E-16	9.4E-15	4.4E-16	1.6E-14	5.3E-12	2.1E-10	6.7E-13	6.9E-11	2.3E-17	1.8E-15
Monochlorobiphenyl	4.3E-14	6.9E-15	1.4E-13	5.8E-15	2.3E-13	6.5E-10	2.7E-08	8.1E-11	8.9E-09	5.4E-16	4.7E-14
Nonachlorobiphenyl	2.9E-17	2.0E-17	3.2E-16	1.7E-17	5.4E-16	1.8E-13	6.4E-12	2.2E-14	2.1E-12	8.8E-19	6.0E-17
Octachlorobiphenyl	6.9E-17	3.8E-17	6.9E-16	3.2E-17	1.2E-15	3.9E-13	1.5E-11	4.9E-14	5.1E-12	1.6E-18	1.3E-16
Pentachlorobiphenyl	3.1E-15	1.9E-15	3.2E-14	1.6E-15	5.5E-14	1.8E-11	6.9E-10	2.3E-12	2.3E-10	8.1E-17	6.1E-15
Tetrachlorobiphenyl	1.8E-15	3.8E-16	6.4E-15	3.2E-16	1.1E-14	3.0E-11	1.1E-09	3.8E-12	3.8E-10	3.0E-17	2.2E-15
Trichlorobiphenyl	2.4E-15	4.5E-16	8.1E-15	3.8E-16	1.4E-14	3.8E-11	1.5E-09	4.8E-12	4.9E-10	3.6E-17	2.8E-15
Pesticides											

Table H-322 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chlordecone (Kepone)		1.3E-06		1.5E-06						7.3E-11	
DDE				2.1E-07						6.5E-09	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	8.7E-09	3.4E-11	2.9E-09		
1,2-dichlorobenzene	2.8E-18					1.1E-10	1.9E-09	1.4E-11	6.5E-10		
1,3-Butadiene						2.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	5.5E-09	2.0E-11	1.8E-09		
1,4-dichlorobenzene	9.2E-17					1.5E-09	6.8E-08	1.9E-10	2.3E-08		
2,4-Dimethylphenol	2.5E-15					2.4E-08	9.5E-07	3.0E-09	3.2E-07		
2-Chlorophenol	1.3E-16					4.7E-09	2.1E-07	5.9E-10	6.9E-08		
2-Methylphenol	5.3E-14					5.6E-08	2.3E-06	7.0E-09	7.8E-07		
2-Nitrophenol	3.2E-16					7.6E-09	3.1E-07	9.4E-10	1.0E-07		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.5E-10	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.8E-16	1.7E-14
4-Nitrophenol	6.5E-16					1.3E-08	4.8E-07	1.6E-09	1.6E-07		
Acetophenone	3.9E-15					1.2E-07	4.9E-06	1.5E-08	1.6E-06		
Benzoic acid	1.6E-14					5.4E-07	2.2E-05	6.7E-08	7.5E-06		
Benzyl alcohol	9.8E-18					4.5E-09	1.4E-07	5.6E-10	4.5E-08		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	1.2E-10	8.0E-12	2.9E-10	1.9E-07	7.4E-06	2.4E-08	2.5E-06	3.9E-16	3.1E-14
Butyl benzyl phthalate	1.8E-13	3.3E-15	6.6E-14	3.8E-15	1.6E-13	6.0E-09	2.5E-07	7.5E-10	8.3E-08	1.9E-19	1.7E-17
Carbazole				1.4E-14	2.6E-13	1.7E-10	3.0E-09	2.1E-11	1.0E-09	6.9E-19	2.8E-17
Dibenzofuran		1.4E-16	2.9E-15	5.7E-16	2.3E-14	9.5E-09	3.9E-07	1.2E-09	1.3E-07	2.4E-16	2.1E-14
Dimethyl phthalate	6.5E-17					3.3E-10	5.9E-09	4.2E-11	2.0E-09		
Di-n-butyl phthalate	1.7E-12	3.3E-15	6.7E-14	3.9E-15	1.6E-13	9.2E-09	3.8E-07	1.1E-09	1.3E-07	1.9E-19	1.7E-17
Di-n-octyl phthalate	1.3E-17	9.4E-15	8.7E-14	1.1E-14	2.1E-13	6.4E-10	1.1E-08	8.0E-11	3.8E-09	5.5E-19	2.2E-17

Table H-322 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	7.9E-07	5.5E-09	2.6E-07		
Isopropanol						3.4E-04					
Phenol	1.5E-13					3.0E-07	1.2E-05	3.8E-08	4.2E-06		
Pyridine	7.7E-15					2.9E-08	1.2E-06	3.6E-09	4.0E-07		
TRS											
Total Reduced Sulfur						2.9E-07	1.3E-05	3.6E-08	4.2E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	4.6E-09	1.7E-11	1.5E-09		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	5.0E-09	1.7E-11	1.7E-09		
1,1-Dichloroethene	6.0E-21					2.6E-11	4.6E-10	3.2E-12	1.5E-10		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	2.0E-08	6.7E-11	6.6E-09		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	1.9E-09	1.4E-11	6.4E-10		
1,2,4-Trimethylbenzene						6.2E-09	2.0E-07	7.8E-10	6.6E-08		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.2E-09	8.6E-12	4.1E-10		
1,2-Dichloroethane	1.2E-17					2.8E-09	1.0E-07	1.0E-06	3.5E-08		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.7E-07	7.3E-10	5.8E-08		
1,3-Dichloropropane						6.7E-11	1.2E-09	8.4E-12	4.0E-10		
2-Butanone	2.4E-15					3.3E-08	1.3E-06	4.1E-09	4.4E-07		
2-Chlorotoluene						1.5E-09	6.1E-08	1.8E-10	2.0E-08		
2-Hexanone						6.8E-09	2.5E-07	8.4E-10	8.2E-08		
Benzene	2.0E-15					8.4E-05	3.4E-05	9.7E-06	1.1E-05		
Bromobenzene						3.7E-08	6.6E-07	4.7E-09	2.2E-07		
Bromochloromethane						8.8E-11	1.6E-09	1.1E-11	5.2E-10		
Bromodichloromethane	3.1E-19					9.5E-11	1.7E-09	1.2E-11	5.7E-10		

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Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	1.1E-07	4.8E-10	3.8E-08		
Carbon disulfide	1.3E-18					3.3E-09	9.8E-08	4.2E-10	3.3E-08		
Carbon tetrachloride	1.3E-19					1.5E-04	3.9E-09	1.5E-05	1.3E-09		
Chlorobenzene	4.7E-17					4.8E-09	1.7E-07	6.0E-10	5.7E-08		
Chlorodibromomethane	1.8E-17					2.4E-09	4.2E-08	3.0E-10	1.4E-08		
Chloroethane	3.7E-18					9.1E-09	3.2E-07	1.1E-09	1.1E-07		
Chloroform	2.8E-18					2.2E-05	3.8E-08	2.4E-06	1.3E-08		
Chloromethane	9.8E-18					3.1E-08	9.4E-07	3.9E-09	3.1E-07		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	7.1E-08	5.0E-10	2.4E-08		
cis-1,3-Dichloropropene						2.4E-11	4.3E-10	3.0E-12	1.4E-10		
Dibromomethane	4.2E-19					2.0E-10	3.6E-09	2.5E-11	1.2E-09		
Dichlorodifluoromethane	4.7E-21					2.5E-10	4.4E-09	3.1E-11	1.5E-09		
Ethylbenzene	1.5E-15					2.7E-05	7.4E-06	2.4E-08	2.5E-06		
Isopropylbenzene	2.0E-18					1.6E-08	5.4E-07	2.0E-09	1.8E-07		
m&p-Xylene	2.4E-16					3.6E-08	1.2E-06	4.6E-09	4.1E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	6.4E-09	4.5E-11	2.1E-09		
Methylene chloride	2.6E-17					1.8E-08	6.6E-07	2.3E-09	2.2E-07		
n-Butylbenzene						7.8E-09	2.3E-07	9.7E-10	7.7E-08		
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07		
o-Xylene	2.8E-16					2.3E-08	7.6E-07	2.9E-09	2.5E-07		
p-Chlorotoluene						5.5E-10	1.7E-08	6.9E-11	5.6E-09		
p-Isopropyltoluene						3.8E-09	9.2E-08	4.8E-10	3.1E-08		
sec-Butylbenzene						1.4E-09	4.3E-08	1.8E-10	1.4E-08		
Styrene	9.4E-15					5.1E-07	1.9E-05	6.4E-08	6.2E-06		

Table H-322 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Derma Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)
tert-Butylbenzene						4.6E-08	8.1E-07	5.7E-09	2.7E-07			
Tetrachloroethene	6.6E-19					1.2E-10	4.2E-09	1.5E-11	1.4E-09			
Toluene	1.6E-15					3.2E-07	1.2E-05	3.9E-08	4.1E-06			
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	1.5E-06	1.1E-08	5.0E-07			
trans-1,3-Dichloropropene						4.2E-11	7.5E-10	5.3E-12	2.5E-10			
Trichloroethene	6.8E-21					7.3E-12	1.3E-10	9.1E-13	4.3E-11			
Trichlorofluoromethane	1.0E-20					8.7E-11	1.6E-09	1.1E-11	5.2E-10			
Vinyl chloride	4.8E-19					5.0E-09	1.2E-07	6.2E-10	4.0E-08			

Table H-323 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			1.2E-03	1.5E-04	
Aldehydes					
Acetaldehyde			2.0E-03	2.5E-04	
Formaldehyde			7.7E-04	9.6E-05	
Propionaldehyde		2.2E-15	2.3E-04	2.8E-05	1.7E-11
CO					
Carbon monoxide			6.7E-02	8.3E-03	
CO2					
Carbon dioxide			2.0E-03	2.4E-04	
Criteria					
Sulfur Dioxide			4.6E-04	5.7E-05	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	1.6E-15	6.2E-15	1.4E-09	1.7E-10	3.0E-16
1,2,3,4,6,7,8-HpCDF	1.6E-15	6.2E-15	1.4E-09	1.7E-10	3.0E-16
1,2,3,4,7,8,9-HpCDF	1.9E-16	7.6E-16	1.8E-10	2.3E-11	3.7E-17
1,2,3,4,7,8-HxCDD	1.9E-16	7.4E-16	1.7E-10	2.1E-11	3.6E-17
1,2,3,4,7,8-HxCDF	1.5E-15	5.8E-15	1.4E-09	1.7E-10	2.9E-16
1,2,3,6,7,8-HxCDD	3.8E-16	1.5E-15	3.6E-10	4.5E-11	7.4E-17
1,2,3,6,7,8-HxCDF	4.9E-16	1.9E-15	4.5E-10	5.6E-11	9.5E-17
1,2,3,7,8,9-HxCDD	6.0E-16	2.4E-15	5.4E-10	6.8E-11	1.2E-16
1,2,3,7,8,9-HxCDF	3.6E-17	1.4E-16	3.5E-11	4.3E-12	6.9E-18

Table H-323 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	2.2E-16	8.5E-16	2.2E-10	2.7E-11	4.2E-17
1,2,3,7,8-PeCDF	2.6E-16	1.0E-15	3.1E-10	3.9E-11	4.9E-17
2,3,4,6,7,8-HxCDF	7.3E-16	2.9E-15	6.8E-10	8.5E-11	1.4E-16
2,3,4,7,8-PeCDF	6.1E-16	2.4E-15	7.0E-10	8.7E-11	1.2E-16
2,3,7,8-TCDD	2.8E-17	1.1E-16	6.6E-11	8.2E-12	3.7E-15
2,3,7,8-TCDF	8.2E-17	3.2E-16	3.3E-10	4.1E-11	1.6E-17
OCDD	1.0E-15	4.1E-15	9.1E-10	1.1E-10	2.0E-16
OCDF	3.9E-16	1.5E-15	3.3E-10	4.2E-11	7.4E-17
HCN					
Hydrogen cyanide			2.5E-04	3.1E-05	
Metals					
Antimony			8.1E-06	1.0E-06	
Arsenic	2.5E-18	6.0E-18	8.2E-07	1.0E-07	4.9E-19
Barium		2.0E-09	1.1E-04	1.4E-05	9.8E-11
Beryllium		9.9E-16	5.5E-08	6.9E-09	4.9E-17
Cadmium		8.1E-16	1.0E-06	1.3E-07	4.0E-17
Chromium		7.4E-11	9.1E-06	1.1E-06	3.6E-12
Cobalt		1.5E-10	4.1E-06	5.1E-07	7.4E-12
Copper		2.8E-10	2.3E-05	2.9E-06	1.4E-11
Lead		9.4E-14	7.4E-06	9.2E-07	4.6E-15
Manganese		7.8E-13	7.3E-06	9.1E-07	3.8E-14
Mercury (+2)		3.0E-14	3.2E-08	4.0E-09	1.5E-15

Table H-323 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Mercury, elemental			1.3E-10	1.7E-11	
Methyl Mercury		1.9E-15			9.4E-17
Nickel		4.0E-15	4.6E-06	5.8E-07	1.9E-16
Phosphorus		6.8E-15	3.2E-05	4.0E-06	6.5E-11
Selenium		4.0E-17	2.4E-07	3.0E-08	2.0E-18
Silver		6.8E-13	1.4E-07	1.8E-08	3.3E-14
Titanium		8.9E-15	9.1E-08	1.1E-08	4.4E-16
Zinc		1.4E-13	1.4E-04	1.7E-05	7.0E-15
NOx					
NOx (Oxides of Nitrogen)			2.0E-03	2.5E-04	
PAHs					
1-Methylnaphthalene	3.4E-16	3.1E-16	5.7E-05	7.1E-06	3.5E-13
1-Methylphenanthrene		2.1E-13	6.9E-06	8.6E-07	1.0E-14
2,3,5-Trimethylnaphthalene		1.1E-13	3.5E-06	4.4E-07	5.2E-15
2,6-Dimethylnaphthalene		2.8E-13	9.1E-06	1.1E-06	1.4E-14
2-Methylnaphthalene	3.3E-16	3.0E-16	5.5E-05	6.9E-06	3.5E-13
Acenaphthylene		8.9E-13	3.3E-05	4.2E-06	4.4E-14
Acenaphthene			6.0E-06	7.5E-07	
Anthracene			1.1E-05	1.3E-06	
Benzo(a)anthracene	2.9E-12	2.6E-12	5.5E-06	6.8E-07	4.0E-11
Benzo(a)pyrene	1.2E-12	1.1E-12	2.0E-06	2.6E-07	5.3E-14
Benzo(b)fluoranthene	6.3E-14	5.7E-14	2.2E-06	2.7E-07	2.8E-15

Table H-323 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(e)pyrene		4.6E-14	1.7E-06	2.1E-07	2.3E-15
Benzo(g,h,i)perylene		3.6E-14	1.3E-06	1.7E-07	1.7E-15
Benzo(k)fluoranthene	2.1E-14	1.9E-14	4.3E-09	5.4E-10	9.2E-16
Biphenyl		5.0E-15	2.0E-04	2.5E-05	2.9E-12
Chrysene	3.4E-12	3.1E-12	8.8E-06	1.1E-06	1.5E-13
Dibenze(a,h)anthracene	4.2E-13	3.8E-13	3.2E-07	4.0E-08	1.9E-14
Fluoranthene	9.1E-14	8.2E-14	1.3E-05	1.6E-06	4.0E-15
Fluorene			3.3E-05	4.1E-06	
Indeno(1,2,3-cd)pyrene	1.2E-12	1.1E-12	1.1E-06	1.3E-07	5.2E-14
Napthalene			2.6E-04	3.2E-05	
Perylene		2.3E-14	8.6E-07	1.1E-07	1.1E-15
Phenanthrene			6.0E-05	7.5E-06	
Pyrene	3.1E-13	2.8E-13	1.3E-05	1.6E-06	7.9E-12
Particulate					
Particulate Total Suspended Particulate		3.5E-09	3.6E-02	4.5E-03	1.7E-10
PM<10		4.6E-09	4.9E-02	6.1E-03	2.2E-10
PM<2.5		3.9E-09	4.3E-02	5.4E-03	1.9E-10
PCBs					
Dichlorobiphenyl	7.9E-16	6.7E-16	1.6E-07	2.0E-08	6.3E-14
Heptachlorobiphenyl	8.9E-17	7.5E-17	2.1E-09	2.6E-10	3.8E-15
Hexachlorobiphenyl	3.6E-16	3.0E-16	8.4E-09	1.1E-09	1.5E-14
Monochlorobiphenyl	5.6E-15	4.7E-15	1.1E-06	1.4E-07	4.4E-13

Table H-323 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Nonachlorobiphenyl	1.1E-17	9.5E-18	2.5E-10	3.1E-11	4.9E-16
Octachlorobiphenyl	2.6E-17	2.2E-17	6.2E-10	7.7E-11	1.1E-15
Pentachlorobiphenyl	1.2E-15	1.0E-15	2.8E-08	3.5E-09	5.2E-14
Tetrachlorobiphenyl	2.4E-16	2.0E-16	4.5E-08	5.6E-09	1.9E-14
Trichlorobiphenyl	3.1E-16	2.6E-16	6.0E-08	7.5E-09	2.5E-14
SVOCs					
1,2,4-trichlorobenzene			3.2E-07	4.0E-08	
1,2-dichlorobenzene			4.1E-08	5.2E-09	
1,3-dichlorobenzene			2.1E-07	2.6E-08	
1,4-dichlorobenzene			2.9E-06	3.6E-07	
2,4-Dimethylphenol			3.9E-05	4.9E-06	
2-Chlorophenol			8.7E-06	1.1E-06	
2-Methylphenol			9.8E-05	1.2E-05	
2-Nitrophenol			1.3E-05	1.6E-06	
3-Methylphenol & 4-Methylphenol		5.4E-12	1.8E-04	2.2E-05	2.6E-13
4-Nitrophenol			2.0E-05	2.4E-06	
Acetophenone			2.0E-04	2.5E-05	
Benzoic acid			9.4E-04	1.2E-04	
Benzyl alcohol			4.9E-06	6.1E-07	
bis(2-Ethylhexyl) phthalate	8.0E-12	9.5E-12	3.0E-04	3.8E-05	4.6E-13
Butyl benzyl phthalate	4.7E-15	5.5E-15	1.0E-05	1.3E-06	2.7E-16
Carbazole		4.9E-15	6.1E-08	7.7E-09	2.4E-16

Table H-323 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibenzofuran	2.0E-16	7.8E-16	1.6E-05	2.0E-06	3.4E-13
Dimethyl phthalate			1.3E-07	1.6E-08	
Di-n-butyl phthalate	4.7E-15	5.5E-15	1.6E-05	2.0E-06	2.7E-16
Di-n-octyl phthalate	3.3E-15	3.9E-15	2.4E-07	3.0E-08	1.9E-16
Hexachlorobutadiene			1.7E-05	2.1E-06	
Phenol			5.2E-04	6.5E-05	
Pyridine			4.9E-05	6.2E-06	
TRS					
Total Reduced Sulfur			5.4E-04	6.7E-05	
VOCs					
1,1,1,2-Tetrachloroethane			1.7E-07	2.2E-08	
1,1,1-Trichloroethane			2.0E-07	2.5E-08	
1,1-Dichloroethene			9.9E-09	1.2E-09	
1,2,3-Trichlorobenzene			7.9E-07	9.9E-08	
1,2,3-Trichloropropane			4.1E-08	5.2E-09	
1,2,4-Trimethylbenzene			7.3E-06	9.1E-07	
1,2-Dibromoethane			2.6E-08	3.3E-09	
1,2-Dichloroethane			4.2E-06	5.2E-07	
1,3,5-Trimethylbenzene			6.2E-06	7.7E-07	
1,3-Dichloropropane			2.6E-08	3.2E-09	
2-Butanone			5.4E-05	6.7E-06	
2-Chlorotoluene			2.5E-06	3.1E-07	

Table H-323 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Hexanone			9.7E-06	1.2E-06	
Benzene			1.4E-03	1.7E-04	
Bromobenzene			1.4E-05	1.8E-06	
Bromochloromethane			3.4E-08	4.2E-09	
Bromodichloromethane			3.6E-08	4.5E-09	
Bromomethane			4.1E-06	5.1E-07	
Carbon disulfide			3.4E-06	4.3E-07	
Carbon tetrachloride			8.3E-08	1.0E-08	
Chlorobenzene			6.7E-06	8.4E-07	
Chlorodibromomethane			9.0E-07	1.1E-07	
Chloroethane			1.2E-05	1.5E-06	
Chloroform			9.3E-07	1.2E-07	
Chloromethane			3.4E-05	4.2E-06	
cis-1,2-Dichloroethene			1.5E-06	1.9E-07	
cis-1,3-Dichloropropene			9.3E-09	1.2E-09	
Dibromomethane			7.7E-08	9.7E-09	
Dichlorodifluoromethane			9.5E-08	1.2E-08	
Ethylbenzene			3.0E-04	3.7E-05	
Isopropylbenzene			2.1E-05	2.6E-06	
m&p-Xylene			4.7E-05	5.9E-06	
Methyl Isobutyl Ketone (4-methyl-2-penta			1.4E-07	1.7E-08	
Methylene chloride			2.6E-05	3.3E-06	

Table H-323 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
n-Butylbenzene			8.2E-06	1.0E-06	
n-Propylbenzene			1.2E-05	1.4E-06	
o-Xylene			2.9E-05	3.6E-06	
p-Chlorotoluene			6.0E-07	7.5E-08	
p-Isopropyltoluene			2.8E-06	3.5E-07	
sec-Butylbenzene			1.6E-06	1.9E-07	
Styrene			7.4E-04	9.2E-05	
tert-Butylbenzene			1.7E-05	2.2E-06	
Tetrachloroethene			1.6E-07	2.0E-08	
Toluene			5.0E-04	6.3E-05	
trans-1,2-Dichloroethene			3.2E-05	4.0E-06	
trans-1,3-Dichloropropene			1.6E-08	2.0E-09	
Trichloroethene			2.8E-09	3.5E-10	
Trichlorofluoromethane			3.3E-08	4.2E-09	
Vinyl chloride			3.7E-06	4.6E-07	

Table H-324 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			2.7E-05	3.4E-06	
Aldehydes					
Acetaldehyde			4.7E-05	5.9E-06	
Formaldehyde			1.8E-05	2.2E-06	
Propionaldehyde		5.2E-14	5.3E-06	6.6E-07	3.9E-13
CO					
Carbon monoxide			1.6E-03	1.9E-04	
CO2					
Carbon dioxide			4.6E-05	5.7E-06	
Criteria					
Sulfur Dioxide			1.1E-05	1.3E-06	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	6.4E-14	2.5E-13	3.2E-11	4.0E-12	1.2E-17
1,2,3,4,6,7,8-HpCDF	6.4E-14	2.5E-13	3.2E-11	4.0E-12	1.2E-17
1,2,3,4,7,8,9-HpCDF	7.9E-15	3.1E-14	4.3E-12	5.3E-13	1.5E-18
1,2,3,4,7,8-HxCDD	7.6E-15	3.0E-14	3.9E-12	4.9E-13	1.5E-18
1,2,3,4,7,8-HxCDF	6.0E-14	2.4E-13	3.2E-11	4.0E-12	1.2E-17
1,2,3,6,7,8-HxCDD	1.6E-14	6.1E-14	8.3E-12	1.0E-12	3.0E-18
1,2,3,6,7,8-HxCDF	2.0E-14	7.9E-14	1.0E-11	1.3E-12	3.8E-18
1,2,3,7,8,9-HxCDD	2.4E-14	9.6E-14	1.3E-11	1.6E-12	4.7E-18
1,2,3,7,8,9-HxCDF	1.4E-15	5.7E-15	8.1E-13	1.0E-13	2.8E-19

Table H-324 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	8.7E-15	3.4E-14	5.1E-12	6.3E-13	1.7E-18
1,2,3,7,8-PeCDF	1.0E-14	4.1E-14	7.3E-12	9.1E-13	2.0E-18
2,3,4,6,7,8-HxCDF	3.0E-14	1.2E-13	1.6E-11	2.0E-12	5.8E-18
2,3,4,7,8-PeCDF	2.5E-14	9.7E-14	1.6E-11	2.0E-12	4.8E-18
2,3,7,8-TCDD	1.1E-15	4.3E-15	1.5E-12	1.9E-13	1.5E-16
2,3,7,8-TCDF	3.3E-15	1.3E-14	7.6E-12	9.5E-13	6.4E-19
OCDD	4.2E-14	1.7E-13	2.1E-11	2.6E-12	8.2E-18
OCDF	1.6E-14	6.2E-14	7.8E-12	9.7E-13	3.0E-18
HCN					
Hydrogen cyanide			5.8E-06	7.3E-07	
Metals					
Antimony			1.9E-07	2.4E-08	
Arsenic	5.9E-17	1.4E-16	1.9E-08	2.4E-09	1.1E-20
Barium		7.4E-08	2.7E-06	3.3E-07	3.6E-12
Beryllium		2.3E-14	1.3E-09	1.6E-10	1.1E-18
Cadmium		1.9E-14	2.4E-08	3.0E-09	9.3E-19
Chromium		2.3E-09	2.1E-07	2.7E-08	1.1E-13
Cobalt		5.7E-09	9.5E-08	1.2E-08	2.8E-13
Copper		1.0E-08	5.4E-07	6.8E-08	5.0E-13
Lead		2.2E-12	1.7E-07	2.1E-08	1.1E-16
Manganese		1.8E-11	1.7E-07	2.1E-08	9.0E-16
Mercury (+2)		1.4E-12	7.5E-10	9.4E-11	7.0E-17

Table H-324 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Mercury, elemental			3.1E-12	3.9E-13	
Methyl Mercury		8.9E-14			4.4E-18
Nickel		9.3E-14	1.1E-07	1.3E-08	4.5E-18
Phosphorus		1.6E-13	7.5E-07	9.4E-08	1.5E-12
Selenium		9.4E-16	5.5E-09	6.9E-10	4.6E-20
Silver		1.8E-11	3.3E-09	4.1E-10	8.9E-16
Titanium		2.1E-13	2.1E-09	2.7E-10	1.0E-17
Zinc		3.3E-12	3.2E-06	4.0E-07	1.6E-16
NOx					
NOx (Oxides of Nitrogen)			4.6E-05	5.8E-06	
PAHs					
1-Methylnaphthalene	8.0E-15	7.2E-15	1.3E-06	1.7E-07	8.2E-15
1-Methylphenanthrene		5.0E-12	1.6E-07	2.0E-08	2.4E-16
2,3,5-Trimethylnaphthalene		2.5E-12	8.2E-08	1.0E-08	1.2E-16
2,6-Dimethylnaphthalene		6.5E-12	2.1E-07	2.7E-08	3.2E-16
2-Methylnaphthalene	7.7E-15	7.0E-15	1.3E-06	1.6E-07	8.1E-15
Acenaphthylene		2.1E-11	7.8E-07	9.7E-08	1.0E-15
Acenaphthene			1.4E-07	1.8E-08	
Anthracene			2.5E-07	3.1E-08	
Benzo(a)anthracene	7.4E-11	6.8E-11	1.3E-07	1.6E-08	1.0E-12
Benzo(a)pyrene	3.0E-11	2.7E-11	4.8E-08	6.0E-09	1.3E-15
Benzo(b)fluoranthene	1.6E-12	1.5E-12	5.1E-08	6.3E-09	7.1E-17

Table H-324 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(e)pyrene		1.1E-12	3.9E-08	4.9E-09	5.3E-17
Benzo(g,h,i)perylene		8.3E-13	3.1E-08	3.9E-09	4.1E-17
Benzo(k)fluoranthene	6.4E-13	5.8E-13	1.0E-10	1.3E-11	2.9E-17
Biphenyl		1.2E-13	4.6E-06	5.7E-07	6.8E-14
Chrysene	9.1E-11	8.2E-11	2.1E-07	2.6E-08	4.0E-15
Dibenze(a,h)anthracene	1.1E-11	1.0E-11	7.4E-09	9.2E-10	4.9E-16
Fluoranthene	2.2E-12	2.0E-12	3.0E-07	3.8E-08	1.0E-16
Fluorene			7.7E-07	9.6E-08	
Indeno(1,2,3-cd)pyrene	3.0E-11	2.7E-11	2.5E-08	3.1E-09	1.3E-15
Napthalene			6.0E-06	7.5E-07	
Perylene		5.3E-13	2.0E-08	2.5E-09	2.6E-17
Phenanthrene			1.4E-06	1.8E-07	
Pyrene	9.4E-12	8.6E-12	3.0E-07	3.7E-08	2.4E-13
Particulate					
Particulate Total Suspended Particulate		8.1E-08	8.5E-04	1.1E-04	4.0E-12
PM<10		1.1E-07	1.1E-03	1.4E-04	5.3E-12
PM<2.5		9.2E-08	1.0E-03	1.3E-04	4.5E-12
PCBs					
Dichlorobiphenyl	3.2E-14	2.7E-14	3.7E-09	4.6E-10	2.5E-15
Heptachlorobiphenyl	3.6E-15	3.0E-15	4.9E-11	6.2E-12	1.5E-16
Hexachlorobiphenyl	1.5E-14	1.2E-14	2.0E-10	2.5E-11	6.3E-16
Monochlorobiphenyl	2.2E-13	1.9E-13	2.6E-08	3.2E-09	1.7E-14

Table H-324 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Nonachlorobiphenyl	4.6E-16	3.9E-16	5.8E-12	7.2E-13	2.0E-17
Octachlorobiphenyl	1.1E-15	9.0E-16	1.4E-11	1.8E-12	4.6E-17
Pentachlorobiphenyl	4.9E-14	4.1E-14	6.5E-10	8.1E-11	2.1E-15
Tetrachlorobiphenyl	9.6E-15	8.1E-15	1.1E-09	1.3E-10	7.6E-16
Trichlorobiphenyl	1.3E-14	1.1E-14	1.4E-09	1.7E-10	9.8E-16
SVOCs					
1,2,4-trichlorobenzene			7.5E-09	9.4E-10	
1,2-dichlorobenzene			9.7E-10	1.2E-10	
1,3-dichlorobenzene			4.9E-09	6.2E-10	
1,4-dichlorobenzene			6.8E-08	8.5E-09	
2,4-Dimethylphenol			9.1E-07	1.1E-07	
2-Chlorophenol			2.0E-07	2.5E-08	
2-Methylphenol			2.3E-06	2.9E-07	
2-Nitrophenol			3.0E-07	3.8E-08	
3-Methylphenol & 4-Methylphenol		1.3E-10	4.1E-06	5.1E-07	6.2E-15
4-Nitrophenol			4.6E-07	5.7E-08	
Acetophenone			4.7E-06	5.9E-07	
Benzoic acid			2.2E-05	2.7E-06	
Benzyl alcohol			1.1E-07	1.4E-08	
bis(2-Ethylhexyl) phthalate	1.9E-10	2.2E-10	7.0E-06	8.8E-07	1.1E-14
Butyl benzyl phthalate	1.1E-13	1.3E-13	2.4E-07	3.0E-08	6.3E-18
Carbazole		1.1E-13	1.4E-09	1.8E-10	5.6E-18

Table H-324 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibenzofuran	4.6E-15	1.8E-14	3.8E-07	4.8E-08	7.8E-15
Dimethyl phthalate			3.0E-09	3.7E-10	
Di-n-butyl phthalate	1.1E-13	1.3E-13	3.7E-07	4.6E-08	6.4E-18
Di-n-octyl phthalate	7.7E-14	9.0E-14	5.7E-09	7.1E-10	4.4E-18
Hexachlorobutadiene			3.9E-07	4.9E-08	
Phenol			1.2E-05	1.5E-06	
Pyridine			1.2E-06	1.4E-07	
TRS					
Total Reduced Sulfur			1.3E-05	1.6E-06	
VOCs					
1,1,1,2-Tetrachloroethane			4.1E-09	5.1E-10	
1,1,1-Trichloroethane			4.7E-09	5.8E-10	
1,1-Dichloroethene			2.3E-10	2.9E-11	
1,2,3-Trichlorobenzene			1.8E-08	2.3E-09	
1,2,3-Trichloropropane			9.6E-10	1.2E-10	
1,2,4-Trimethylbenzene			1.7E-07	2.1E-08	
1,2-Dibromoethane			6.1E-10	7.7E-11	
1,2-Dichloroethane			9.8E-08	1.2E-08	
1,3,5-Trimethylbenzene			1.4E-07	1.8E-08	
1,3-Dichloropropane			6.0E-10	7.4E-11	
2-Butanone			1.2E-06	1.6E-07	
2-Chlorotoluene			5.9E-08	7.3E-09	

Table H-324 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Hexanone			2.3E-07	2.8E-08	
Benzene			3.2E-05	4.0E-06	
Bromobenzene			3.3E-07	4.1E-08	
Bromochloromethane			7.8E-10	9.8E-11	
Bromodichloromethane			8.5E-10	1.1E-10	
Bromomethane			9.6E-08	1.2E-08	
Carbon disulfide			8.0E-08	1.0E-08	
Carbon tetrachloride			1.9E-09	2.4E-10	
Chlorobenzene			1.6E-07	2.0E-08	
Chlorodibromomethane			2.1E-08	2.6E-09	
Chloroethane			2.9E-07	3.6E-08	
Chloroform			2.2E-08	2.7E-09	
Chloromethane			7.9E-07	9.8E-08	
cis-1,2-Dichloroethene			3.5E-08	4.4E-09	
cis-1,3-Dichloropropene			2.2E-10	2.7E-11	
Dibromomethane			1.8E-09	2.3E-10	
Dichlorodifluoromethane			2.2E-09	2.8E-10	
Ethylbenzene			6.9E-06	8.6E-07	
Isopropylbenzene			4.8E-07	6.0E-08	
m&p-Xylene			1.1E-06	1.4E-07	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.2E-09	4.0E-10	
Methylene chloride			6.1E-07	7.7E-08	

Table H-324 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
n-Butylbenzene			1.9E-07	2.4E-08	
n-Propylbenzene			2.7E-07	3.4E-08	
o-Xylene			6.7E-07	8.4E-08	
p-Chlorotoluene			1.4E-08	1.7E-09	
p-Isopropyltoluene			6.5E-08	8.2E-09	
sec-Butylbenzene			3.6E-08	4.5E-09	
Styrene			1.7E-05	2.1E-06	
tert-Butylbenzene			4.1E-07	5.1E-08	
Tetrachloroethene			3.8E-09	4.8E-10	
Toluene			1.2E-05	1.5E-06	
trans-1,2-Dichloroethene			7.5E-07	9.4E-08	
trans-1,3-Dichloropropene			3.8E-10	4.7E-11	
Trichloroethene			6.4E-11	8.1E-12	
Trichlorofluoromethane			7.8E-10	9.7E-11	
Vinyl chloride			8.6E-08	1.1E-08	

Table H-325 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas						
Hydrogen Chloride				1.7E-03	5.8E-04	
Aldehydes						
Acetaldehyde	3.9E-15			3.0E-03	1.0E-03	
Formaldehyde	1.9E-14			1.2E-03	4.0E-04	
Propionaldehyde			3.1E-15	3.4E-04	1.1E-04	6.9E-11
CO						
Carbon monoxide				9.7E-02	3.2E-02	
CO2						
Carbon dioxide				2.9E-03	9.8E-04	
Criteria						
Sulfur Dioxide				7.1E-04	2.4E-04	
DIOXINS						
1,2,3,4,6,7,8-HpCDD	5.3E-20	1.0E-15	7.9E-15	2.0E-09	6.6E-10	1.2E-15
1,2,3,4,6,7,8-HpCDF	5.1E-20	1.0E-15	7.9E-15	2.0E-09	6.6E-10	1.2E-15
1,2,3,4,7,8,9-HpCDF	7.8E-21	1.2E-16	9.5E-16	2.6E-10	8.6E-11	1.4E-16
1,2,3,4,7,8-HxCDD	6.0E-20	1.2E-16	9.2E-16	2.4E-10	8.0E-11	1.4E-16
1,2,3,4,7,8-HxCDF	4.1E-19	9.2E-16	7.3E-15	2.0E-09	6.5E-10	1.1E-15
1,2,3,6,7,8-HxCDD	1.1E-19	2.4E-16	1.9E-15	5.1E-10	1.7E-10	2.8E-16
1,2,3,6,7,8-HxCDF	1.5E-19	3.1E-16	2.4E-15	6.4E-10	2.1E-10	3.5E-16
1,2,3,7,8,9-HxCDD	1.7E-19	3.7E-16	3.0E-15	7.7E-10	2.6E-10	4.4E-16
1,2,3,7,8,9-HxCDF	1.2E-20	2.2E-17	1.7E-16	4.9E-11	1.6E-11	2.6E-17

Table H-325 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	3.2E-19	1.3E-16	1.1E-15	3.1E-10	1.0E-10	1.6E-16
1,2,3,7,8-PeCDF	4.4E-19	1.6E-16	1.2E-15	4.4E-10	1.5E-10	1.8E-16
2,3,4,6,7,8-HxCDF	2.2E-19	4.6E-16	3.7E-15	9.7E-10	3.2E-10	5.4E-16
2,3,4,7,8-PeCDF	7.0E-19	3.8E-16	3.0E-15	9.8E-10	3.3E-10	4.4E-16
2,3,7,8-TCDD	1.1E-19	2.0E-17	1.6E-16	1.0E-10	3.4E-11	1.6E-14
2,3,7,8-TCDF	3.4E-19	5.0E-17	4.0E-16	4.6E-10	1.5E-10	5.9E-17
OCDD	7.1E-22	6.6E-16	5.2E-15	1.3E-09	4.3E-10	7.7E-16
OCDF	2.6E-22	2.5E-16	2.0E-15	4.8E-10	1.6E-10	2.9E-16
HCN						
Hydrogen cyanide				3.6E-04	1.2E-04	
Metals						
Antimony	6.7E-19			1.5E-05	5.0E-06	
Arsenic	3.5E-17	2.1E-18	9.8E-18	1.2E-06	4.1E-07	2.4E-18
Barium	9.3E-14		4.0E-09	2.0E-04	6.6E-05	5.9E-10
Beryllium	1.4E-18		1.7E-15	8.5E-08	2.8E-08	2.5E-16
Cadmium	3.6E-16		1.3E-15	1.5E-06	5.1E-07	2.0E-16
Chromium	1.0E-16		1.2E-10	1.4E-05	4.5E-06	1.7E-11
Cobalt			3.8E-10	1.0E-05	3.5E-06	5.5E-11
Copper			4.7E-10	3.5E-05	1.2E-05	7.0E-11
Lead	3.0E-19		1.6E-13	1.1E-05	3.8E-06	2.4E-14
Manganese			1.3E-12	1.1E-05	3.7E-06	1.9E-13
Mercury (+2)			4.2E-14	4.8E-08	1.6E-08	6.2E-15

Table H-325 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Mercury, elemental				2.0E-10	6.7E-11	
Methyl Mercury	3.6E-16		3.2E-15			4.6E-16
Nickel	1.4E-16		6.6E-15	7.0E-06	2.3E-06	9.8E-16
Phosphorus			1.2E-14	5.0E-05	1.7E-05	3.4E-10
Selenium	1.2E-17		6.6E-17	3.6E-07	1.2E-07	9.8E-18
Silver	8.6E-18		1.2E-12	2.2E-07	7.3E-08	1.7E-13
Titanium			1.4E-14	1.3E-07	4.4E-08	2.0E-15
Zinc	1.8E-13		2.8E-13	2.3E-04	7.6E-05	4.1E-14
NOx						
NOx (Oxides of Nitrogen)				3.1E-03	1.0E-03	
PAHs						
1-Methylnaphthalene		2.1E-16	3.8E-16	8.0E-05	2.7E-05	1.3E-12
1-Methylphenanthrene			2.6E-13	9.7E-06	3.2E-06	3.8E-14
2,3,5-Trimethylnaphthalene			1.3E-13	4.9E-06	1.6E-06	1.9E-14
2,6-Dimethylnaphthalene			3.4E-13	1.3E-05	4.2E-06	4.9E-14
2-Methylnaphthalene		2.0E-16	3.7E-16	7.8E-05	2.6E-05	1.3E-12
Acenaphthylene			1.1E-12	4.7E-05	1.6E-05	1.6E-13
Acenaphthene	1.5E-16			8.4E-06	2.8E-06	
Anthracene	1.8E-15			1.5E-05	5.0E-06	
Benzo(a)anthracene	2.6E-13	1.7E-12	3.1E-12	7.6E-06	2.5E-06	1.4E-10
Benzo(a)pyrene	1.3E-13	7.3E-13	1.3E-12	2.9E-06	9.6E-07	1.9E-13
Benzo(b)fluoranthene	3.6E-14	3.9E-14	7.2E-14	3.1E-06	1.0E-06	1.1E-14

Table H-325 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(e)pyrene			5.7E-14	2.4E-06	8.0E-07	8.4E-15
Benzo(g,h,i)perylene			4.4E-14	1.9E-06	6.2E-07	6.4E-15
Benzo(k)fluoranthene	2.9E-16	2.4E-14	4.3E-14	1.2E-08	4.1E-09	6.3E-15
Biphenyl			6.0E-15	2.7E-04	9.1E-05	1.1E-11
Chrysene	4.6E-14	2.1E-12	3.8E-12	1.2E-05	4.1E-06	5.5E-13
Dibenze(a,h)anthracene	6.6E-15	2.6E-13	4.7E-13	4.5E-07	1.5E-07	6.9E-14
Fluoranthene	1.2E-14	5.5E-14	1.0E-13	1.8E-05	6.1E-06	1.5E-14
Fluorene	2.6E-15			4.6E-05	1.5E-05	
Indeno(1,2,3-cd)pyrene	1.7E-14	7.1E-13	1.3E-12	1.5E-06	4.9E-07	1.9E-13
Napthalene	1.2E-15			3.6E-04	1.2E-04	
Perylene			2.6E-14	1.2E-06	4.0E-07	3.9E-15
Phenanthrene	1.3E-14			8.5E-05	2.8E-05	
Pyrene	8.7E-15	1.9E-13	3.4E-13	1.8E-05	5.9E-06	2.9E-11
Particulate						
Particulate Total Suspended Particulate			5.2E-09	5.3E-02	1.8E-02	7.7E-10
PM<10			6.8E-09	7.1E-02	2.4E-02	1.0E-09
PM<2.5			5.7E-09	6.1E-02	2.0E-02	8.4E-10
PCBs						
Dichlorobiphenyl	2.6E-16	4.9E-16	8.3E-16	2.2E-07	7.4E-08	2.3E-13
Heptachlorobiphenyl	9.8E-18	5.5E-17	9.4E-17	3.0E-09	1.0E-09	1.4E-14
Hexachlorobiphenyl	4.0E-17	2.3E-16	3.9E-16	1.2E-08	4.0E-09	6.0E-14
Monochlorobiphenyl	1.8E-15	3.4E-15	5.8E-15	1.6E-06	5.2E-07	1.6E-12

Table H-325 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Nonachlorobiphenyl	1.2E-18	7.9E-18	1.3E-17	3.7E-10	1.2E-10	2.0E-15
Octachlorobiphenyl	2.9E-18	1.7E-17	2.9E-17	8.9E-10	3.0E-10	4.4E-15
Pentachlorobiphenyl	1.3E-16	8.0E-16	1.3E-15	4.0E-08	1.3E-08	2.1E-13
Tetrachlorobiphenyl	7.8E-17	1.6E-16	2.7E-16	6.6E-08	2.2E-08	7.6E-14
Trichlorobiphenyl	1.0E-16	2.0E-16	3.4E-16	8.6E-08	2.9E-08	9.6E-14
SVOCs						
1,2,4-trichlorobenzene				5.1E-07	1.7E-07	
1,2-dichlorobenzene	1.2E-19			1.1E-07	3.8E-08	
1,3-dichlorobenzene	3.0E-19			3.2E-07	1.1E-07	
1,4-dichlorobenzene	4.0E-18			4.0E-06	1.3E-06	
2,4-Dimethylphenol	1.1E-16			5.5E-05	1.8E-05	
2-Chlorophenol	5.5E-18			1.2E-05	4.0E-06	
2-Methylphenol	2.3E-15			1.4E-04	4.6E-05	
2-Nitrophenol	1.4E-17			1.8E-05	6.1E-06	
3-Methylphenol & 4-Methylphenol			6.6E-12	2.5E-04	8.2E-05	9.6E-13
4-Nitrophenol	2.8E-17			2.8E-05	9.4E-06	
Acetophenone	1.7E-16			2.8E-04	9.5E-05	
Benzoic acid	6.8E-16			1.3E-03	4.4E-04	
Benzyl alcohol	4.2E-19			8.0E-06	2.7E-06	
bis(2-Ethylhexyl) phthalate	2.1E-14	5.2E-12	1.2E-11	4.3E-04	1.4E-04	1.8E-12
Butyl benzyl phthalate	7.5E-15	2.8E-15	6.7E-15	1.5E-05	4.8E-06	9.9E-16
Carbazole			1.1E-14	1.8E-07	5.9E-08	1.6E-15

Table H-325 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibenzofuran		1.2E-16	9.7E-16	2.3E-05	7.7E-06	1.2E-12
Dimethyl phthalate	2.8E-18			3.5E-07	1.2E-07	
Di-n-butyl phthalate	7.2E-14	2.9E-15	6.8E-15	2.2E-05	7.4E-06	1.0E-15
Di-n-octyl phthalate	5.4E-19	3.7E-15	8.8E-15	6.7E-07	2.2E-07	1.3E-15
Hexachlorobutadiene	2.9E-16			4.6E-05	1.5E-05	
Phenol	6.3E-15			7.3E-04	2.4E-04	
Pyridine	3.3E-16			6.9E-05	2.3E-05	
TRS						
Total Reduced Sulfur				7.4E-04	2.5E-04	
VOCs						
1,1,1,2-Tetrachloroethane	1.2E-19			2.7E-07	8.9E-08	
1,1,1-Trichloroethane	7.5E-21			2.9E-07	9.7E-08	
1,1-Dichloroethene	2.6E-22			2.7E-08	9.0E-09	
1,2,3-Trichlorobenzene	8.0E-18			1.2E-06	3.9E-07	
1,2,3-Trichloropropane	4.6E-20			1.1E-07	3.8E-08	
1,2,4-Trimethylbenzene				1.2E-05	3.9E-06	
1,2-Dibromoethane	1.6E-20			7.2E-08	2.4E-08	
1,2-Dichloroethane	5.0E-19			6.1E-06	2.0E-06	
1,3,5-Trimethylbenzene	2.6E-18			1.0E-05	3.4E-06	
1,3-Dichloropropane				7.0E-08	2.3E-08	
2-Butanone	1.0E-16			7.7E-05	2.6E-05	
2-Chlorotoluene				3.6E-06	1.2E-06	

Table H-325 (Lifetime Average Daily Dose)

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Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Hexanone				1.4E-05	4.8E-06	
Benzene	8.5E-17			2.0E-03	6.6E-04	
Bromobenzene				3.9E-05	1.3E-05	
Bromochloromethane				9.2E-08	3.1E-08	
Bromodichloromethane	1.3E-20			9.9E-08	3.3E-08	
Bromomethane	5.7E-20			6.7E-06	2.2E-06	
Carbon disulfide	5.4E-20			5.7E-06	1.9E-06	
Carbon tetrachloride	5.8E-21			2.3E-07	7.6E-08	
Chlorobenzene	2.0E-18			1.0E-05	3.3E-06	
Chlorodibromomethane	7.8E-19			2.5E-06	8.2E-07	
Chloroethane	1.6E-19			1.9E-05	6.2E-06	
Chloroform	1.2E-19			2.2E-06	7.4E-07	
Chloromethane	4.2E-19			5.5E-05	1.8E-05	
cis-1,2-Dichloroethene	1.6E-19			4.1E-06	1.4E-06	
cis-1,3-Dichloropropene				2.5E-08	8.5E-09	
Dibromomethane	1.8E-20			2.1E-07	7.1E-08	
Dichlorodifluoromethane	2.0E-22			2.6E-07	8.6E-08	
Ethylbenzene	6.4E-17			4.3E-04	1.4E-04	
Isopropylbenzene	8.4E-20			3.2E-05	1.1E-05	
m&p-Xylene	1.0E-17			7.2E-05	2.4E-05	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	1.0E-19			3.7E-07	1.2E-07	
Methylene chloride	1.1E-18			3.9E-05	1.3E-05	

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Exposure Unit	Outside Camp Justice
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Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
n-Butylbenzene				1.4E-05	4.5E-06	
n-Propylbenzene				1.8E-05	6.0E-06	
o-Xylene	1.2E-17			4.5E-05	1.5E-05	
p-Chlorotoluene				9.8E-07	3.3E-07	
p-Isopropyltoluene				5.4E-06	1.8E-06	
sec-Butylbenzene				2.5E-06	8.4E-07	
Styrene	4.0E-16			1.1E-03	3.6E-04	
tert-Butylbenzene				4.8E-05	1.6E-05	
Tetrachloroethene	2.8E-20			2.5E-07	8.2E-08	
Toluene	6.7E-17			7.2E-04	2.4E-04	
trans-1,2-Dichloroethene	2.5E-18			8.8E-05	2.9E-05	
trans-1,3-Dichloropropene				4.4E-08	1.5E-08	
Trichloroethene	2.9E-22			7.6E-09	2.5E-09	
Trichlorofluoromethane	4.5E-22			9.1E-08	3.0E-08	
Vinyl chloride	2.1E-20			7.0E-06	2.3E-06	

Table H-326 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas						
Hydrogen Chloride				4.1E-05	1.4E-05	
Aldehydes						
Acetaldehyde	9.2E-14			7.1E-05	2.4E-05	
Formaldehyde	4.5E-13			2.8E-05	9.2E-06	
Propionaldehyde			7.2E-14	7.8E-06	2.6E-06	1.6E-12
CO						
Carbon monoxide				2.3E-03	7.6E-04	
CO2						
Carbon dioxide				6.8E-05	2.3E-05	
Criteria						
Sulfur Dioxide				1.7E-05	5.6E-06	
DIOXINS						
1,2,3,4,6,7,8-HpCDD	1.8E-18	4.0E-14	3.2E-13	4.6E-11	1.5E-11	4.7E-17
1,2,3,4,6,7,8-HpCDF	1.8E-18	4.1E-14	3.2E-13	4.6E-11	1.5E-11	4.7E-17
1,2,3,4,7,8,9-HpCDF	2.5E-19	4.9E-15	3.9E-14	6.0E-12	2.0E-12	5.7E-18
1,2,3,4,7,8-HxCDD	2.0E-18	4.7E-15	3.7E-14	5.6E-12	1.9E-12	5.5E-18
1,2,3,4,7,8-HxCDF	1.3E-17	3.8E-14	3.0E-13	4.6E-11	1.5E-11	4.4E-17
1,2,3,6,7,8-HxCDD	3.7E-18	9.7E-15	7.7E-14	1.2E-11	3.9E-12	1.1E-17
1,2,3,6,7,8-HxCDF	4.9E-18	1.2E-14	9.8E-14	1.5E-11	5.0E-12	1.4E-17
1,2,3,7,8,9-HxCDD	5.6E-18	1.5E-14	1.2E-13	1.8E-11	6.0E-12	1.8E-17
1,2,3,7,8,9-HxCDF	3.8E-19	8.9E-16	7.1E-15	1.1E-12	3.8E-13	1.0E-18

Table H-326 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	8.4E-18	5.4E-15	4.3E-14	7.2E-12	2.4E-12	6.3E-18
1,2,3,7,8-PeCDF	1.2E-17	6.4E-15	5.1E-14	1.0E-11	3.4E-12	7.4E-18
2,3,4,6,7,8-HxCDF	7.0E-18	1.9E-14	1.5E-13	2.3E-11	7.6E-12	2.2E-17
2,3,4,7,8-PeCDF	1.9E-17	1.5E-14	1.2E-13	2.3E-11	7.7E-12	1.8E-17
2,3,7,8-TCDD	2.7E-18	8.0E-16	6.3E-15	2.4E-12	7.9E-13	6.4E-16
2,3,7,8-TCDF	8.2E-18	2.0E-15	1.6E-14	1.1E-11	3.6E-12	2.4E-18
OCDD	2.5E-20	2.7E-14	2.1E-13	3.0E-11	1.0E-11	3.1E-17
OCDF	9.3E-21	1.0E-14	8.0E-14	1.1E-11	3.7E-12	1.2E-17
HCN						
Hydrogen cyanide				8.4E-06	2.8E-06	
Metals						
Antimony	1.6E-17			3.5E-07	1.2E-07	
Arsenic	8.1E-16	4.8E-17	2.3E-16	2.9E-08	9.5E-09	5.6E-20
Barium	2.7E-12		1.5E-07	4.6E-06	1.5E-06	2.2E-11
Beryllium	3.3E-17		3.9E-14	2.0E-09	6.6E-10	5.8E-18
Cadmium	8.3E-15		3.1E-14	3.6E-08	1.2E-08	4.6E-18
Chromium	2.8E-15		3.7E-09	3.2E-07	1.1E-07	5.5E-13
Cobalt			1.4E-08	2.4E-07	8.1E-08	2.1E-12
Copper			1.7E-08	8.3E-07	2.8E-07	2.5E-12
Lead	6.9E-18		3.8E-12	2.7E-07	8.9E-08	5.6E-16
Manganese			3.1E-11	2.6E-07	8.6E-08	4.5E-15
Mercury (+2)			2.0E-12	1.1E-09	3.8E-10	2.9E-16

Table H-326 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Mercury, elemental				4.7E-12	1.6E-12	
Methyl Mercury	1.3E-14		1.5E-13			2.2E-17
Nickel	3.3E-15		1.6E-13	1.6E-07	5.4E-08	2.3E-17
Phosphorus			2.8E-13	1.2E-06	3.9E-07	8.0E-12
Selenium	2.8E-16		1.6E-15	8.3E-09	2.8E-09	2.3E-19
Silver	2.1E-16		3.2E-11	5.1E-09	1.7E-09	4.7E-15
Titanium			3.2E-13	3.1E-09	1.0E-09	4.8E-17
Zinc	4.1E-12		6.5E-12	5.4E-06	1.8E-06	9.6E-16
NOx						
NOx (Oxides of Nitrogen)				7.1E-05	2.4E-05	
PAHs						
1-Methylnaphthalene		4.9E-15	8.9E-15	1.9E-06	6.2E-07	3.0E-14
1-Methylphenanthrene			6.0E-12	2.3E-07	7.5E-08	8.9E-16
2,3,5-Trimethylnaphthalene			3.0E-12	1.1E-07	3.8E-08	4.4E-16
2,6-Dimethylnaphthalene			7.9E-12	3.0E-07	9.9E-08	1.2E-15
2-Methylnaphthalene		4.7E-15	8.6E-15	1.8E-06	6.1E-07	3.0E-14
Acenaphthylene			2.5E-11	1.1E-06	3.6E-07	3.7E-15
Acenaphthene	3.4E-15			2.0E-07	6.6E-08	
Anthracene	4.3E-14			3.5E-07	1.2E-07	
Benzo(a)anthracene	6.2E-12	4.4E-11	8.0E-11	1.8E-07	5.9E-08	3.6E-12
Benzo(a)pyrene	3.1E-12	1.8E-11	3.3E-11	6.7E-08	2.2E-08	4.9E-15
Benzo(b)fluoranthene	8.3E-13	1.0E-12	1.8E-12	7.2E-08	2.4E-08	2.7E-16

Table H-326 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(e)pyrene			1.3E-12	5.6E-08	1.9E-08	2.0E-16
Benzo(g,h,i)perylene			1.0E-12	4.3E-08	1.4E-08	1.5E-16
Benzo(k)fluoranthene	7.9E-15	7.3E-13	1.3E-12	2.8E-10	9.5E-11	2.0E-16
Biphenyl			1.4E-13	6.4E-06	2.1E-06	2.5E-13
Chrysene	1.1E-12	5.6E-11	1.0E-10	2.9E-07	9.6E-08	1.5E-14
Dibenze(a,h)anthracene	1.6E-13	6.8E-12	1.2E-11	1.0E-08	3.5E-09	1.8E-15
Fluoranthene	2.8E-13	1.4E-12	2.5E-12	4.2E-07	1.4E-07	3.7E-16
Fluorene	6.1E-14			1.1E-06	3.6E-07	
Indeno(1,2,3-cd)pyrene	4.0E-13	1.8E-11	3.3E-11	3.5E-08	1.2E-08	4.9E-15
Napthalene	2.8E-14			8.4E-06	2.8E-06	
Perylene			6.2E-13	2.8E-08	9.2E-09	9.1E-17
Phenanthrene	2.9E-13			2.0E-06	6.6E-07	
Pyrene	2.0E-13	5.7E-12	1.0E-11	4.1E-07	1.4E-07	8.8E-13
Particulate						
Particulate Total Suspended Particulate			1.2E-07	1.2E-03	4.1E-04	1.8E-11
PM<10			1.6E-07	1.6E-03	5.5E-04	2.3E-11
PM<2.5			1.3E-07	1.4E-03	4.8E-04	2.0E-11
PCBs						
Dichlorobiphenyl	6.1E-15	2.0E-14	3.3E-14	5.2E-09	1.7E-09	9.3E-15
Heptachlorobiphenyl	2.3E-16	2.2E-15	3.8E-15	7.0E-11	2.3E-11	5.8E-16
Hexachlorobiphenyl	9.4E-16	9.4E-15	1.6E-14	2.8E-10	9.4E-11	2.4E-15
Monochlorobiphenyl	4.3E-14	1.4E-13	2.3E-13	3.6E-08	1.2E-08	6.5E-14

Table H-326 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Nonachlorobiphenyl	2.9E-17	3.2E-16	5.4E-16	8.7E-12	2.9E-12	8.2E-17
Octachlorobiphenyl	6.9E-17	6.9E-16	1.2E-15	2.1E-11	6.9E-12	1.8E-16
Pentachlorobiphenyl	3.1E-15	3.2E-14	5.5E-14	9.4E-10	3.1E-10	8.3E-15
Tetrachlorobiphenyl	1.8E-15	6.4E-15	1.1E-14	1.5E-09	5.1E-10	3.0E-15
Trichlorobiphenyl	2.4E-15	8.1E-15	1.4E-14	2.0E-09	6.7E-10	3.8E-15
SVOCs						
1,2,4-trichlorobenzene				1.2E-08	3.9E-09	
1,2-dichlorobenzene	2.8E-18			2.6E-09	8.8E-10	
1,3-dichlorobenzene	6.9E-18			7.5E-09	2.5E-09	
1,4-dichlorobenzene	9.2E-17			9.3E-08	3.1E-08	
2,4-Dimethylphenol	2.5E-15			1.3E-06	4.3E-07	
2-Chlorophenol	1.3E-16			2.8E-07	9.4E-08	
2-Methylphenol	5.3E-14			3.2E-06	1.1E-06	
2-Nitrophenol	3.2E-16			4.3E-07	1.4E-07	
3-Methylphenol & 4-Methylphenol			1.5E-10	5.7E-06	1.9E-06	2.3E-14
4-Nitrophenol	6.5E-16			6.6E-07	2.2E-07	
Acetophenone	3.9E-15			6.6E-06	2.2E-06	
Benzoic acid	1.6E-14			3.1E-05	1.0E-05	
Benzyl alcohol	9.8E-18			1.9E-07	6.2E-08	
bis(2-Ethylhexyl) phthalate	4.9E-13	1.2E-10	2.9E-10	1.0E-05	3.4E-06	4.2E-14
Butyl benzyl phthalate	1.8E-13	6.6E-14	1.6E-13	3.4E-07	1.1E-07	2.3E-17
Carbazole			2.6E-13	4.1E-09	1.4E-09	3.8E-17

Table H-326 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibenzofuran		2.9E-15	2.3E-14	5.4E-07	1.8E-07	2.9E-14
Dimethyl phthalate	6.5E-17			8.1E-09	2.7E-09	
Di-n-butyl phthalate	1.7E-12	6.7E-14	1.6E-13	5.2E-07	1.7E-07	2.3E-17
Di-n-octyl phthalate	1.3E-17	8.7E-14	2.1E-13	1.6E-08	5.2E-09	3.0E-17
Hexachlorobutadiene	6.7E-15			1.1E-06	3.6E-07	
Phenol	1.5E-13			1.7E-05	5.7E-06	
Pyridine	7.7E-15			1.6E-06	5.4E-07	
TRS						
Total Reduced Sulfur				1.7E-05	5.8E-06	
VOCs						
1,1,1,2-Tetrachloroethane	2.7E-18			6.2E-09	2.1E-09	
1,1,1-Trichloroethane	1.8E-19			6.8E-09	2.3E-09	
1,1-Dichloroethene	6.0E-21			6.3E-10	2.1E-10	
1,2,3-Trichlorobenzene	1.9E-16			2.7E-08	9.0E-09	
1,2,3-Trichloropropane	1.1E-18			2.6E-09	8.8E-10	
1,2,4-Trimethylbenzene				2.7E-07	9.0E-08	
1,2-Dibromoethane	3.7E-19			1.7E-09	5.6E-10	
1,2-Dichloroethane	1.2E-17			1.4E-07	4.8E-08	
1,3,5-Trimethylbenzene	6.0E-17			2.4E-07	7.9E-08	
1,3-Dichloropropane				1.6E-09	5.4E-10	
2-Butanone	2.4E-15			1.8E-06	6.0E-07	
2-Chlorotoluene				8.3E-08	2.8E-08	

Table H-326 (Average Daily Dose)

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Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Hexanone				3.3E-07	1.1E-07	
Benzene	2.0E-15			4.6E-05	1.5E-05	
Bromobenzene				9.1E-07	3.0E-07	
Bromochloromethane				2.1E-09	7.1E-10	
Bromodichloromethane	3.1E-19			2.3E-09	7.7E-10	
Bromomethane	1.3E-18			1.6E-07	5.2E-08	
Carbon disulfide	1.3E-18			1.3E-07	4.4E-08	
Carbon tetrachloride	1.3E-19			5.3E-09	1.8E-09	
Chlorobenzene	4.7E-17			2.3E-07	7.8E-08	
Chlorodibromomethane	1.8E-17			5.8E-08	1.9E-08	
Chloroethane	3.7E-18			4.3E-07	1.4E-07	
Chloroform	2.8E-18			5.2E-08	1.7E-08	
Chloromethane	9.8E-18			1.3E-06	4.3E-07	
cis-1,2-Dichloroethene	3.8E-18			9.7E-08	3.2E-08	
cis-1,3-Dichloropropene				5.9E-10	2.0E-10	
Dibromomethane	4.2E-19			5.0E-09	1.7E-09	
Dichlorodifluoromethane	4.7E-21			6.0E-09	2.0E-09	
Ethylbenzene	1.5E-15			1.0E-05	3.4E-06	
Isopropylbenzene	2.0E-18			7.4E-07	2.5E-07	
m&p-Xylene	2.4E-16			1.7E-06	5.6E-07	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	2.4E-18			8.7E-09	2.9E-09	
Methylene chloride	2.6E-17			9.0E-07	3.0E-07	

Table H-326 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Va pors Outdoors (ug/m3)
n-Butylbenzene				3.2E-07	1.1E-07	
n-Propylbenzene				4.2E-07	1.4E-07	
o-Xylene	2.8E-16			1.0E-06	3.5E-07	
p-Chlorotoluene				2.3E-08	7.6E-09	
p-Isopropyltoluene				1.3E-07	4.2E-08	
sec-Butylbenzene				5.9E-08	2.0E-08	
Styrene	9.4E-15			2.5E-05	8.5E-06	
tert-Butylbenzene				1.1E-06	3.7E-07	
Tetrachloroethene	6.6E-19			5.8E-09	1.9E-09	
Toluene	1.6E-15			1.7E-05	5.6E-06	
trans-1,2-Dichloroethene	5.9E-17			2.1E-06	6.9E-07	
trans-1,3-Dichloropropene				1.0E-09	3.4E-10	
Trichloroethene	6.8E-21			1.8E-10	5.9E-11	
Trichlorofluoromethane	1.0E-20			2.1E-09	7.1E-10	
Vinyl chloride	4.8E-19			1.6E-07	5.5E-08	

Table H-327 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas						
Hydrogen Chloride				1.7E-03	5.8E-04	
Aldehydes						
Acetaldehyde	5.2E-15			3.0E-03	1.0E-03	
Formaldehyde	2.6E-14			1.2E-03	4.0E-04	
Propionaldehyde			3.3E-14	3.4E-04	1.1E-04	6.9E-11
CO						
Carbon monoxide				9.7E-02	3.2E-02	
CO2						
Carbon dioxide				2.9E-03	9.8E-04	
Criteria						
Sulfur Dioxide				7.1E-04	2.4E-04	
DIOXINS						
1,2,3,4,6,7,8-HpCDD	7.0E-20	6.0E-15	8.4E-14	2.0E-09	6.6E-10	1.2E-15
1,2,3,4,6,7,8-HpCDF	6.8E-20	6.0E-15	8.4E-14	2.0E-09	6.6E-10	1.2E-15
1,2,3,4,7,8,9-HpCDF	1.0E-20	7.2E-16	1.0E-14	2.6E-10	8.6E-11	1.4E-16
1,2,3,4,7,8-HxCDD	7.9E-20	7.0E-16	9.8E-15	2.4E-10	8.0E-11	1.4E-16
1,2,3,4,7,8-HxCDF	5.4E-19	5.5E-15	7.8E-14	2.0E-09	6.5E-10	1.1E-15
1,2,3,6,7,8-HxCDD	1.5E-19	1.4E-15	2.0E-14	5.1E-10	1.7E-10	2.8E-16
1,2,3,6,7,8-HxCDF	2.0E-19	1.8E-15	2.6E-14	6.4E-10	2.1E-10	3.5E-16
1,2,3,7,8,9-HxCDD	2.2E-19	2.2E-15	3.2E-14	7.7E-10	2.6E-10	4.4E-16
1,2,3,7,8,9-HxCDF	1.6E-20	1.3E-16	1.9E-15	4.9E-11	1.6E-11	2.6E-17

Table H-327 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	4.2E-19	8.0E-16	1.1E-14	3.1E-10	1.0E-10	1.6E-16
1,2,3,7,8-PeCDF	5.8E-19	9.5E-16	1.3E-14	4.4E-10	1.5E-10	1.8E-16
2,3,4,6,7,8-HxCDF	2.9E-19	2.8E-15	3.9E-14	9.7E-10	3.2E-10	5.4E-16
2,3,4,7,8-PeCDF	9.2E-19	2.3E-15	3.2E-14	9.8E-10	3.3E-10	4.4E-16
2,3,7,8-TCDD	1.4E-19	1.2E-16	1.7E-15	1.0E-10	3.4E-11	1.6E-14
2,3,7,8-TCDF	4.5E-19	3.0E-16	4.2E-15	4.6E-10	1.5E-10	5.9E-17
OCDD	9.4E-22	4.0E-15	5.6E-14	1.3E-09	4.3E-10	7.7E-16
OCDF	3.5E-22	1.5E-15	2.1E-14	4.8E-10	1.6E-10	2.9E-16
HCN						
Hydrogen cyanide				3.6E-04	1.2E-04	
Metals						
Antimony	8.9E-19			1.5E-05	5.0E-06	
Arsenic	4.6E-17	1.2E-17	6.3E-17	1.2E-06	4.1E-07	2.4E-18
Barium	1.2E-13		4.3E-08	2.0E-04	6.6E-05	5.9E-10
Beryllium	1.9E-18		1.8E-14	8.5E-08	2.8E-08	2.5E-16
Cadmium	4.7E-16		1.4E-14	1.5E-06	5.1E-07	2.0E-16
Chromium	1.4E-16		1.3E-09	1.4E-05	4.5E-06	1.7E-11
Cobalt			4.0E-09	1.0E-05	3.5E-06	5.5E-11
Copper			5.1E-09	3.5E-05	1.2E-05	7.0E-11
Lead	3.9E-19		1.7E-12	1.1E-05	3.8E-06	2.4E-14
Manganese			1.4E-11	1.1E-05	3.7E-06	1.9E-13
Mercury (+2)			4.5E-13	4.8E-08	1.6E-08	6.2E-15

Table H-327 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Mercury, elemental				2.0E-10	6.7E-11	
Methyl Mercury	4.8E-16		3.4E-14			4.6E-16
Nickel	1.9E-16		7.1E-14	7.0E-06	2.3E-06	9.8E-16
Phosphorus			1.3E-13	5.0E-05	1.7E-05	3.4E-10
Selenium	1.6E-17		7.1E-16	3.6E-07	1.2E-07	9.8E-18
Silver	1.1E-17		1.3E-11	2.2E-07	7.3E-08	1.7E-13
Titanium			1.5E-13	1.3E-07	4.4E-08	2.0E-15
Zinc	2.3E-13		3.0E-12	2.3E-04	7.6E-05	4.1E-14
NOx						
NOx (Oxides of Nitrogen)				3.1E-03	1.0E-03	
PAHs						
1-Methylnaphthalene		1.2E-15	4.0E-15	8.0E-05	2.7E-05	1.3E-12
1-Methylphenanthrene			2.8E-12	9.7E-06	3.2E-06	3.8E-14
2,3,5-Trimethylnaphthalene			1.4E-12	4.9E-06	1.6E-06	1.9E-14
2,6-Dimethylnaphthalene			3.6E-12	1.3E-05	4.2E-06	4.9E-14
2-Methylnaphthalene		1.2E-15	3.9E-15	7.8E-05	2.6E-05	1.3E-12
Acenaphthylene			1.2E-11	4.7E-05	1.6E-05	1.6E-13
Acenaphthene	1.9E-16			8.4E-06	2.8E-06	
Anthracene	2.4E-15			1.5E-05	5.0E-06	
Benzo(a)anthracene	2.7E-12	7.9E-11	2.6E-10	5.8E-05	1.9E-05	1.1E-09
Benzo(a)pyrene	1.3E-12	3.3E-11	1.1E-10	2.2E-05	7.3E-06	1.5E-12
Benzo(b)fluoranthene	3.6E-13	1.8E-12	5.9E-12	2.4E-05	7.9E-06	8.1E-14

Table H-327 (Lifetime Average Daily Dose)

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Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(e)pyrene			6.1E-13	2.4E-06	8.0E-07	8.4E-15
Benzo(g,h,i)perylene			4.7E-13	1.9E-06	6.2E-07	6.4E-15
Benzo(k)fluoranthene	3.0E-15	1.1E-12	3.5E-12	9.3E-08	3.1E-08	4.8E-14
Biphenyl			6.4E-14	2.7E-04	9.1E-05	1.1E-11
Chrysene	4.6E-13	9.5E-11	3.1E-10	9.5E-05	3.2E-05	4.2E-12
Dibenze(a,h)anthracene	6.7E-14	1.2E-11	3.8E-11	3.4E-06	1.1E-06	5.3E-13
Fluoranthene	1.6E-14	3.3E-13	1.1E-12	1.8E-05	6.1E-06	1.5E-14
Fluorene	3.5E-15			4.6E-05	1.5E-05	
Indeno(1,2,3-cd)pyrene	1.7E-13	3.3E-11	1.1E-10	1.1E-05	3.8E-06	1.5E-12
Napthalene	1.6E-15			3.6E-04	1.2E-04	
Perylene			2.8E-13	1.2E-06	4.0E-07	3.9E-15
Phenanthrene	1.7E-14			8.5E-05	2.8E-05	
Pyrene	1.1E-14	1.1E-12	3.7E-12	1.8E-05	5.9E-06	2.9E-11
Particulate						
Particulate Total Suspended Particulate			5.6E-08	5.3E-02	1.8E-02	7.7E-10
PM<10			7.2E-08	7.1E-02	2.4E-02	1.0E-09
PM<2.5			6.1E-08	6.1E-02	2.0E-02	8.4E-10
PCBs						
Dichlorobiphenyl	3.4E-16	2.9E-15	8.8E-15	2.2E-07	7.4E-08	2.3E-13
Heptachlorobiphenyl	1.3E-17	3.3E-16	1.0E-15	3.0E-09	1.0E-09	1.4E-14
Hexachlorobiphenyl	5.3E-17	1.4E-15	4.2E-15	1.2E-08	4.0E-09	6.0E-14
Monochlorobiphenyl	2.4E-15	2.1E-14	6.2E-14	1.6E-06	5.2E-07	1.6E-12

Table H-327 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Nonachlorobiphenyl	1.6E-18	4.7E-17	1.4E-16	3.7E-10	1.2E-10	2.0E-15
Octachlorobiphenyl	3.9E-18	1.0E-16	3.1E-16	8.9E-10	3.0E-10	4.4E-15
Pentachlorobiphenyl	1.8E-16	4.8E-15	1.4E-14	4.0E-08	1.3E-08	2.1E-13
Tetrachlorobiphenyl	1.0E-16	9.6E-16	2.9E-15	6.6E-08	2.2E-08	7.6E-14
Trichlorobiphenyl	1.3E-16	1.2E-15	3.6E-15	8.6E-08	2.9E-08	9.6E-14
SVOCs						
1,2,4-trichlorobenzene				5.1E-07	1.7E-07	
1,2-dichlorobenzene	1.6E-19			1.1E-07	3.8E-08	
1,3-dichlorobenzene	3.9E-19			3.2E-07	1.1E-07	
1,4-dichlorobenzene	5.2E-18			4.0E-06	1.3E-06	
2,4-Dimethylphenol	1.4E-16			5.5E-05	1.8E-05	
2-Chlorophenol	7.3E-18			1.2E-05	4.0E-06	
2-Methylphenol	3.0E-15			1.4E-04	4.6E-05	
2-Nitrophenol	1.8E-17			1.8E-05	6.1E-06	
3-Methylphenol & 4-Methylphenol			7.0E-11	2.5E-04	8.2E-05	9.6E-13
4-Nitrophenol	3.7E-17			2.8E-05	9.4E-06	
Acetophenone	2.2E-16			2.8E-04	9.5E-05	
Benzoic acid	9.0E-16			1.3E-03	4.4E-04	
Benzyl alcohol	5.5E-19			8.0E-06	2.7E-06	
bis(2-Ethylhexyl) phthalate	2.8E-14	3.1E-11	1.3E-10	4.3E-04	1.4E-04	1.8E-12
Butyl benzyl phthalate	9.9E-15	1.7E-14	7.2E-14	1.5E-05	4.8E-06	9.9E-16
Carbazole			1.2E-13	1.8E-07	5.9E-08	1.6E-15

Table H-327 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibenzofuran		7.4E-16	1.0E-14	2.3E-05	7.7E-06	1.2E-12
Dimethyl phthalate	3.7E-18			3.5E-07	1.2E-07	
Di-n-butyl phthalate	9.5E-14	1.7E-14	7.2E-14	2.2E-05	7.4E-06	1.0E-15
Di-n-octyl phthalate	7.2E-19	2.2E-14	9.4E-14	6.7E-07	2.2E-07	1.3E-15
Hexachlorobutadiene	3.8E-16			4.6E-05	1.5E-05	
Phenol	8.4E-15			7.3E-04	2.4E-04	
Pyridine	4.3E-16			6.9E-05	2.3E-05	
TRS						
Total Reduced Sulfur				7.4E-04	2.5E-04	
VOCs						
1,1,1,2-Tetrachloroethane	1.5E-19			2.7E-07	8.9E-08	
1,1,1-Trichloroethane	9.9E-21			2.9E-07	9.7E-08	
1,1-Dichloroethene	3.4E-22			2.7E-08	9.0E-09	
1,2,3-Trichlorobenzene	1.1E-17			1.2E-06	3.9E-07	
1,2,3-Trichloropropane	4.7E-19			8.7E-07	2.9E-07	
1,2,4-Trimethylbenzene				1.2E-05	3.9E-06	
1,2-Dibromoethane	2.1E-20			7.2E-08	2.4E-08	
1,2-Dichloroethane	6.6E-19			6.1E-06	2.0E-06	
1,3,5-Trimethylbenzene	3.4E-18			1.0E-05	3.4E-06	
1,3-Dichloropropane				7.0E-08	2.3E-08	
2-Butanone	1.4E-16			7.7E-05	2.6E-05	
2-Chlorotoluene				3.6E-06	1.2E-06	

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Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Hexanone				1.4E-05	4.8E-06	
Benzene	1.1E-16			2.0E-03	6.6E-04	
Bromobenzene				3.9E-05	1.3E-05	
Bromochloromethane				9.2E-08	3.1E-08	
Bromodichloromethane	1.8E-20			9.9E-08	3.3E-08	
Bromomethane	7.6E-20			6.7E-06	2.2E-06	
Carbon disulfide	7.1E-20			5.7E-06	1.9E-06	
Carbon tetrachloride	7.6E-21			2.3E-07	7.6E-08	
Chlorobenzene	2.7E-18			1.0E-05	3.3E-06	
Chlorodibromomethane	1.0E-18			2.5E-06	8.2E-07	
Chloroethane	2.1E-19			1.9E-05	6.2E-06	
Chloroform	1.6E-19			2.2E-06	7.4E-07	
Chloromethane	5.6E-19			5.5E-05	1.8E-05	
cis-1,2-Dichloroethene	2.2E-19			4.1E-06	1.4E-06	
cis-1,3-Dichloropropene				2.5E-08	8.5E-09	
Dibromomethane	2.4E-20			2.1E-07	7.1E-08	
Dichlorodifluoromethane	2.7E-22			2.6E-07	8.6E-08	
Ethylbenzene	8.5E-17			4.3E-04	1.4E-04	
Isopropylbenzene	1.1E-19			3.2E-05	1.1E-05	
m&p-Xylene	1.3E-17			7.2E-05	2.4E-05	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	1.4E-19			3.7E-07	1.2E-07	
Methylene chloride	1.1E-17			3.0E-04	9.9E-05	

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Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
n-Butylbenzene				1.4E-05	4.5E-06	
n-Propylbenzene				1.8E-05	6.0E-06	
o-Xylene	1.6E-17			4.5E-05	1.5E-05	
p-Chlorotoluene				9.8E-07	3.3E-07	
p-Isopropyltoluene				5.4E-06	1.8E-06	
sec-Butylbenzene				2.5E-06	8.4E-07	
Styrene	5.3E-16			1.1E-03	3.6E-04	
tert-Butylbenzene				4.8E-05	1.6E-05	
Tetrachloroethene	3.7E-20			2.5E-07	8.2E-08	
Toluene	8.9E-17			7.2E-04	2.4E-04	
trans-1,2-Dichloroethene	3.3E-18			8.8E-05	2.9E-05	
trans-1,3-Dichloropropene				4.4E-08	1.5E-08	
Trichloroethene	2.9E-21			5.8E-08	1.9E-08	
Trichlorofluoromethane	5.9E-22			9.1E-08	3.0E-08	
Vinyl chloride	2.1E-19			5.4E-05	1.8E-05	

Table H-328 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas						
Hydrogen Chloride				4.1E-05	1.4E-05	
Aldehydes						
Acetaldehyde	1.2E-13			7.1E-05	2.4E-05	
Formaldehyde	6.0E-13			2.8E-05	9.2E-06	
Propionaldehyde			7.7E-13	7.8E-06	2.6E-06	1.6E-12
CO						
Carbon monoxide				2.3E-03	7.6E-04	
CO2						
Carbon dioxide				6.8E-05	2.3E-05	
Criteria						
Sulfur Dioxide				1.7E-05	5.6E-06	
DIOXINS						
1,2,3,4,6,7,8-HpCDD	2.4E-18	2.4E-13	3.4E-12	4.6E-11	1.5E-11	4.7E-17
1,2,3,4,6,7,8-HpCDF	2.4E-18	2.4E-13	3.4E-12	4.6E-11	1.5E-11	4.7E-17
1,2,3,4,7,8,9-HpCDF	3.3E-19	2.9E-14	4.1E-13	6.0E-12	2.0E-12	5.7E-18
1,2,3,4,7,8-HxCDD	2.6E-18	2.8E-14	4.0E-13	5.6E-12	1.9E-12	5.5E-18
1,2,3,4,7,8-HxCDF	1.8E-17	2.2E-13	3.2E-12	4.6E-11	1.5E-11	4.4E-17
1,2,3,6,7,8-HxCDD	4.8E-18	5.8E-14	8.2E-13	1.2E-11	3.9E-12	1.1E-17
1,2,3,6,7,8-HxCDF	6.5E-18	7.4E-14	1.0E-12	1.5E-11	5.0E-12	1.4E-17
1,2,3,7,8,9-HxCDD	7.3E-18	9.1E-14	1.3E-12	1.8E-11	6.0E-12	1.8E-17
1,2,3,7,8,9-HxCDF	5.0E-19	5.4E-15	7.5E-14	1.1E-12	3.8E-13	1.0E-18

Table H-328 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	1.1E-17	3.2E-14	4.6E-13	7.2E-12	2.4E-12	6.3E-18
1,2,3,7,8-PeCDF	1.5E-17	3.8E-14	5.4E-13	1.0E-11	3.4E-12	7.4E-18
2,3,4,6,7,8-HxCDF	9.2E-18	1.1E-13	1.6E-12	2.3E-11	7.6E-12	2.2E-17
2,3,4,7,8-PeCDF	2.5E-17	9.2E-14	1.3E-12	2.3E-11	7.7E-12	1.8E-17
2,3,7,8-TCDD	3.5E-18	4.8E-15	6.7E-14	2.4E-12	7.9E-13	6.4E-16
2,3,7,8-TCDF	1.1E-17	1.2E-14	1.7E-13	1.1E-11	3.6E-12	2.4E-18
OCDD	3.3E-20	1.6E-13	2.3E-12	3.0E-11	1.0E-11	3.1E-17
OCDF	1.2E-20	6.1E-14	8.5E-13	1.1E-11	3.7E-12	1.2E-17
HCN						
Hydrogen cyanide				8.4E-06	2.8E-06	
Metals						
Antimony	2.1E-17			3.5E-07	1.2E-07	
Arsenic	1.1E-15	2.9E-16	2.4E-15	2.9E-08	9.5E-09	5.6E-20
Barium	3.6E-12		1.6E-06	4.6E-06	1.5E-06	2.2E-11
Beryllium	4.4E-17		4.2E-13	2.0E-09	6.6E-10	5.8E-18
Cadmium	1.1E-14		3.3E-13	3.6E-08	1.2E-08	4.6E-18
Chromium	3.7E-15		4.0E-08	3.2E-07	1.1E-07	5.5E-13
Cobalt			1.5E-07	2.4E-07	8.1E-08	2.1E-12
Copper			1.8E-07	8.3E-07	2.8E-07	2.5E-12
Lead	9.1E-18		4.1E-11	2.7E-07	8.9E-08	5.6E-16
Manganese			3.3E-10	2.6E-07	8.6E-08	4.5E-15
Mercury (+2)			2.1E-11	1.1E-09	3.8E-10	2.9E-16

Table H-328 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Mercury, elemental				4.7E-12	1.6E-12	
Methyl Mercury	1.7E-14		1.6E-12			2.2E-17
Nickel	4.4E-15		1.7E-12	1.6E-07	5.4E-08	2.3E-17
Phosphorus			3.0E-12	1.2E-06	3.9E-07	8.0E-12
Selenium	3.6E-16		1.7E-14	8.3E-09	2.8E-09	2.3E-19
Silver	2.8E-16		3.4E-10	5.1E-09	1.7E-09	4.7E-15
Titanium			3.4E-12	3.1E-09	1.0E-09	4.8E-17
Zinc	5.4E-12		6.9E-11	5.4E-06	1.8E-06	9.6E-16
NOx						
NOx (Oxides of Nitrogen)				7.1E-05	2.4E-05	
PAHs						
1-Methylnaphthalene		2.9E-14	9.4E-14	1.9E-06	6.2E-07	3.0E-14
1-Methylphenanthrene			6.4E-11	2.3E-07	7.5E-08	8.9E-16
2,3,5-Trimethylnaphthalene			3.2E-11	1.1E-07	3.8E-08	4.4E-16
2,6-Dimethylnaphthalene			8.4E-11	3.0E-07	9.9E-08	1.2E-15
2-Methylnaphthalene		2.8E-14	9.2E-14	1.8E-06	6.1E-07	3.0E-14
Acenaphthylene			2.7E-10	1.1E-06	3.6E-07	3.7E-15
Acenaphthene	4.5E-15			2.0E-07	6.6E-08	
Anthracene	5.6E-14			3.5E-07	1.2E-07	
Benzo(a)anthracene	8.1E-12	2.6E-10	8.6E-10	1.8E-07	5.9E-08	3.6E-12
Benzo(a)pyrene	4.0E-12	1.1E-10	3.5E-10	6.7E-08	2.2E-08	4.9E-15
Benzo(b)fluoranthene	1.1E-12	6.0E-12	1.9E-11	7.2E-08	2.4E-08	2.7E-16

Table H-328 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(e)pyrene			1.4E-11	5.6E-08	1.9E-08	2.0E-16
Benzo(g,h,i)perylene			1.1E-11	4.3E-08	1.4E-08	1.5E-16
Benzo(k)fluoranthene	1.0E-14	4.4E-12	1.4E-11	2.8E-10	9.5E-11	2.0E-16
Biphenyl			1.5E-12	6.4E-06	2.1E-06	2.5E-13
Chrysene	1.4E-12	3.3E-10	1.1E-09	2.9E-07	9.6E-08	1.5E-14
Dibenze(a,h)anthracene	2.1E-13	4.1E-11	1.3E-10	1.0E-08	3.5E-09	1.8E-15
Fluoranthene	3.7E-13	8.2E-12	2.7E-11	4.2E-07	1.4E-07	3.7E-16
Fluorene	8.1E-14			1.1E-06	3.6E-07	
Indeno(1,2,3-cd)pyrene	5.3E-13	1.1E-10	3.6E-10	3.5E-08	1.2E-08	4.9E-15
Napthalene	3.7E-14			8.4E-06	2.8E-06	
Perylene			6.6E-12	2.8E-08	9.2E-09	9.1E-17
Phenanthrene	3.9E-13			2.0E-06	6.6E-07	
Pyrene	2.7E-13	3.4E-11	1.1E-10	4.1E-07	1.4E-07	8.8E-13
Particulate						
Particulate Total Suspended Particulate			1.3E-06	1.2E-03	4.1E-04	1.8E-11
PM<10			1.7E-06	1.6E-03	5.5E-04	2.3E-11
PM<2.5			1.4E-06	1.4E-03	4.8E-04	2.0E-11
PCBs						
Dichlorobiphenyl	8.0E-15	1.2E-13	3.5E-13	5.2E-09	1.7E-09	9.3E-15
Heptachlorobiphenyl	3.1E-16	1.3E-14	4.0E-14	7.0E-11	2.3E-11	5.8E-16
Hexachlorobiphenyl	1.2E-15	5.6E-14	1.7E-13	2.8E-10	9.4E-11	2.4E-15
Monochlorobiphenyl	5.6E-14	8.2E-13	2.5E-12	3.6E-08	1.2E-08	6.5E-14

Table H-328 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Nonachlorobiphenyl	3.8E-17	1.9E-15	5.7E-15	8.7E-12	2.9E-12	8.2E-17
Octachlorobiphenyl	9.1E-17	4.1E-15	1.2E-14	2.1E-11	6.9E-12	1.8E-16
Pentachlorobiphenyl	4.1E-15	1.9E-13	5.8E-13	9.4E-10	3.1E-10	8.3E-15
Tetrachlorobiphenyl	2.4E-15	3.8E-14	1.2E-13	1.5E-09	5.1E-10	3.0E-15
Trichlorobiphenyl	3.1E-15	4.8E-14	1.5E-13	2.0E-09	6.7E-10	3.8E-15
SVOCs						
1,2,4-trichlorobenzene				1.2E-08	3.9E-09	
1,2-dichlorobenzene	3.6E-18			2.6E-09	8.8E-10	
1,3-dichlorobenzene	9.2E-18			7.5E-09	2.5E-09	
1,4-dichlorobenzene	1.2E-16			9.3E-08	3.1E-08	
2,4-Dimethylphenol	3.3E-15			1.3E-06	4.3E-07	
2-Chlorophenol	1.7E-16			2.8E-07	9.4E-08	
2-Methylphenol	7.0E-14			3.2E-06	1.1E-06	
2-Nitrophenol	4.2E-16			4.3E-07	1.4E-07	
3-Methylphenol & 4-Methylphenol			1.6E-09	5.7E-06	1.9E-06	2.3E-14
4-Nitrophenol	8.6E-16			6.6E-07	2.2E-07	
Acetophenone	5.2E-15			6.6E-06	2.2E-06	
Benzoic acid	2.1E-14			3.1E-05	1.0E-05	
Benzyl alcohol	1.3E-17			1.9E-07	6.2E-08	
bis(2-Ethylhexyl) phthalate	6.5E-13	7.2E-10	3.1E-09	1.0E-05	3.4E-06	4.2E-14
Butyl benzyl phthalate	2.3E-13	4.0E-13	1.7E-12	3.4E-07	1.1E-07	2.3E-17
Carbazole			2.8E-12	4.1E-09	1.4E-09	3.8E-17

Table H-328 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibenzofuran		1.7E-14	2.4E-13	5.4E-07	1.8E-07	2.9E-14
Dimethyl phthalate	8.5E-17			8.1E-09	2.7E-09	
Di-n-butyl phthalate	2.2E-12	4.0E-13	1.7E-12	5.2E-07	1.7E-07	2.3E-17
Di-n-octyl phthalate	1.7E-17	5.2E-13	2.2E-12	1.6E-08	5.2E-09	3.0E-17
Hexachlorobutadiene	8.9E-15			1.1E-06	3.6E-07	
Phenol	1.9E-13			1.7E-05	5.7E-06	
Pyridine	1.0E-14			1.6E-06	5.4E-07	
TRS						
Total Reduced Sulfur				1.7E-05	5.8E-06	
VOCs						
1,1,1,2-Tetrachloroethane	3.5E-18			6.2E-09	2.1E-09	
1,1,1-Trichloroethane	2.3E-19			6.8E-09	2.3E-09	
1,1-Dichloroethene	7.9E-21			6.3E-10	2.1E-10	
1,2,3-Trichlorobenzene	2.5E-16			2.7E-08	9.0E-09	
1,2,3-Trichloropropane	1.4E-18			2.6E-09	8.8E-10	
1,2,4-Trimethylbenzene				2.7E-07	9.0E-08	
1,2-Dibromoethane	4.9E-19			1.7E-09	5.6E-10	
1,2-Dichloroethane	1.5E-17			1.4E-07	4.8E-08	
1,3,5-Trimethylbenzene	8.0E-17			2.4E-07	7.9E-08	
1,3-Dichloropropane				1.6E-09	5.4E-10	
2-Butanone	3.2E-15			1.8E-06	6.0E-07	
2-Chlorotoluene				8.3E-08	2.8E-08	

Table H-328 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Hexanone				3.3E-07	1.1E-07	
Benzene	2.6E-15			4.6E-05	1.5E-05	
Bromobenzene				9.1E-07	3.0E-07	
Bromochloromethane				2.1E-09	7.1E-10	
Bromodichloromethane	4.1E-19			2.3E-09	7.7E-10	
Bromomethane	1.8E-18			1.6E-07	5.2E-08	
Carbon disulfide	1.7E-18			1.3E-07	4.4E-08	
Carbon tetrachloride	1.8E-19			5.3E-09	1.8E-09	
Chlorobenzene	6.2E-17			2.3E-07	7.8E-08	
Chlorodibromomethane	2.4E-17			5.8E-08	1.9E-08	
Chloroethane	4.9E-18			4.3E-07	1.4E-07	
Chloroform	3.7E-18			5.2E-08	1.7E-08	
Chloromethane	1.3E-17			1.3E-06	4.3E-07	
cis-1,2-Dichloroethene	5.0E-18			9.7E-08	3.2E-08	
cis-1,3-Dichloropropene				5.9E-10	2.0E-10	
Dibromomethane	5.5E-19			5.0E-09	1.7E-09	
Dichlorodifluoromethane	6.2E-21			6.0E-09	2.0E-09	
Ethylbenzene	2.0E-15			1.0E-05	3.4E-06	
Isopropylbenzene	2.6E-18			7.4E-07	2.5E-07	
m&p-Xylene	3.1E-16			1.7E-06	5.6E-07	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	3.2E-18			8.7E-09	2.9E-09	
Methylene chloride	3.4E-17			9.0E-07	3.0E-07	

Table H-328 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
n-Butylbenzene				3.2E-07	1.1E-07	
n-Propylbenzene				4.2E-07	1.4E-07	
o-Xylene	3.7E-16			1.0E-06	3.5E-07	
p-Chlorotoluene				2.3E-08	7.6E-09	
p-Isopropyltoluene				1.3E-07	4.2E-08	
sec-Butylbenzene				5.9E-08	2.0E-08	
Styrene	1.2E-14			2.5E-05	8.5E-06	
tert-Butylbenzene				1.1E-06	3.7E-07	
Tetrachloroethene	8.7E-19			5.8E-09	1.9E-09	
Toluene	2.1E-15			1.7E-05	5.6E-06	
trans-1,2-Dichloroethene	7.8E-17			2.1E-06	6.9E-07	
trans-1,3-Dichloropropene				1.0E-09	3.4E-10	
Trichloroethene	9.0E-21			1.8E-10	5.9E-11	
Trichlorofluoromethane	1.4E-20			2.1E-09	7.1E-10	
Vinyl chloride	6.3E-19			1.6E-07	5.5E-08	

Table H-329 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			7.2E-05	9.0E-06	
Aldehydes					
Acetaldehyde			1.2E-04	1.6E-05	
Formaldehyde			4.9E-01	6.6E-06	
Propionaldehyde		1.9E-16	1.4E-05	1.7E-06	1.4E-12
CO					
Carbon monoxide			3.8E-03	4.8E-04	
CO2					
Carbon dioxide			1.2E-04	1.5E-05	
Criteria					
Sulfur Dioxide			3.2E-05	4.1E-06	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	1.1E-16	4.2E-16	7.3E-11	9.1E-12	2.1E-17
1,2,3,4,6,7,8-HpCDF	1.1E-16	4.2E-16	7.3E-11	9.2E-12	2.1E-17
1,2,3,4,7,8,9-HpCDF	1.2E-17	4.9E-17	9.3E-12	1.2E-12	2.4E-18
1,2,3,4,7,8-HxCDD	1.2E-17	4.8E-17	8.7E-12	1.1E-12	2.3E-18
1,2,3,4,7,8-HxCDF	9.6E-17	3.8E-16	7.1E-11	8.9E-12	1.9E-17
1,2,3,6,7,8-HxCDD	2.5E-17	9.7E-17	1.8E-11	2.3E-12	4.8E-18
1,2,3,6,7,8-HxCDF	3.1E-17	1.2E-16	2.3E-11	2.9E-12	6.1E-18
1,2,3,7,8,9-HxCDD	3.9E-17	1.5E-16	2.8E-11	3.5E-12	7.5E-18
1,2,3,7,8,9-HxCDF	2.2E-18	8.9E-18	1.8E-12	2.2E-13	4.3E-19

Table H-329 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	1.4E-17	5.4E-17	1.1E-11	1.4E-12	2.6E-18
1,2,3,7,8-PeCDF	1.6E-17	6.3E-17	1.6E-11	2.0E-12	3.1E-18
2,3,4,6,7,8-HxCDF	4.9E-17	1.9E-16	3.6E-11	4.5E-12	9.5E-18
2,3,4,7,8-PeCDF	3.8E-17	1.5E-16	3.5E-11	4.4E-12	7.4E-18
2,3,7,8-TCDD	2.8E-18	1.1E-17	4.4E-12	5.6E-13	3.7E-16
2,3,7,8-TCDF	5.1E-18	2.0E-17	1.6E-11	2.0E-12	9.8E-19
OCDD	7.2E-17	2.8E-16	4.8E-11	6.0E-12	1.4E-17
OCDF	2.8E-17	1.1E-16	1.8E-11	2.3E-12	5.4E-18
DNT					
2,4-Dinitrotoluene	3.4E-08	4.1E-08			2.0E-09
2,6-Dinitrotoluene	5.5E-08	6.5E-08			3.2E-09
HCN					
Hydrogen cyanide			1.4E-05	1.7E-06	
Metals					
Aluminum		6.7E-04			3.3E-05
Antimony		2.6E-08	8.9E-07	1.1E-07	1.3E-09
Arsenic	5.1E-08	1.2E-07	5.1E-08	6.4E-09	9.9E-09
Barium		2.3E-10	1.1E-05	1.3E-06	1.1E-11
Beryllium		9.0E-17	3.7E-09	4.6E-10	4.4E-18
Cadmium		7.0E-17	6.5E-08	8.1E-09	3.4E-18
Chromium		6.1E-12	5.5E-07	6.9E-08	3.0E-13
Cobalt		1.7E-06	8.4E-07	1.1E-07	8.2E-08

Table H-329 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Copper		2.5E-11	1.5E-06	1.9E-07	1.2E-12
Iron		1.5E-03			7.1E-05
Lead		8.8E-06	5.1E-07	6.4E-08	4.3E-07
Manganese		6.8E-14	4.7E-07	5.8E-08	3.3E-15
Mercury (+2)		2.8E-15	2.0E-09	2.5E-10	1.3E-16
Mercury, elemental		1.3E-09	8.4E-12	1.1E-12	2.5E-06
Methyl Mercury		1.6E-16			8.0E-18
Nickel		3.4E-05	3.0E-07	3.7E-08	1.7E-06
Phosphorus		6.4E-16	2.3E-06	2.8E-07	6.2E-12
Selenium		3.5E-18	1.5E-08	1.9E-09	1.7E-19
Silver		6.4E-14	9.8E-09	1.2E-09	3.1E-15
Thallium (Soluble Salts)		9.2E-09			4.5E-10
Titanium		6.9E-16	5.2E-09	6.5E-10	3.4E-17
Zinc		1.6E-14	1.2E-05	1.5E-06	7.7E-16
NOx					
NOx (Oxides of Nitrogen)			1.3E-04	1.7E-05	
PAHs					
1-Methylnaphthalene	2.0E-17	1.9E-17	2.8E-06	3.5E-07	2.1E-14
1-Methylphenanthrene		1.2E-14	3.4E-07	4.2E-08	6.1E-16
2,3,5-Trimethylnaphthalene		5.8E-15	1.7E-07	2.1E-08	2.9E-16
2,6-Dimethylnaphthalene		1.6E-14	4.4E-07	5.5E-08	7.8E-16
2-Methylnaphthalene	2.0E-17	1.8E-17	2.7E-06	3.4E-07	2.1E-14

Table H-329 (Lifetime Average Daily Dose)

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Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acenaphthylene		5.1E-14	1.6E-06	2.0E-07	2.5E-15
Acenaphthene			3.0E-07	3.7E-08	
Anthracene			5.2E-07	6.5E-08	
Benzo(a)anthracene	1.3E-08	1.2E-08	2.6E-07	3.2E-08	1.8E-07
Benzo(a)pyrene	2.3E-08	2.1E-08	1.0E-07	1.3E-08	1.0E-09
Benzo(b)fluoranthene	4.8E-08	4.4E-08	1.1E-07	1.4E-08	2.2E-09
Benzo(e)pyrene		2.9E-15	8.6E-08	1.1E-08	1.4E-16
Benzo(g,h,i)perylene		2.2E-15	6.6E-08	8.2E-09	1.1E-16
Benzo(k)fluoranthene	3.1E-09	2.8E-09	1.0E-09	1.2E-10	1.4E-10
Biphenyl		2.9E-16	9.5E-06	1.2E-06	1.7E-13
Chrysene	1.9E-08	1.8E-08	4.4E-07	5.5E-08	8.6E-10
Dibenze(a,h)anthracene	8.5E-10	7.7E-10	1.6E-08	2.0E-09	3.8E-11
Fluoranthene	5.4E-15	5.0E-15	6.4E-07	8.0E-08	2.4E-16
Fluorene			1.6E-06	2.0E-07	
Indeno(1,2,3-cd)pyrene	1.2E-08	1.1E-08	5.3E-08	6.6E-09	5.4E-10
Napthalene			1.3E-05	1.6E-06	
Perylene		1.1E-15	4.0E-08	4.9E-09	5.5E-17
Phenanthrene			3.0E-06	3.8E-07	
Pyrene	1.8E-14	1.7E-14	6.3E-07	7.8E-08	4.7E-13
Particulate					
Particulate Total Suspended Particulate		2.6E-10	2.0E-03	2.5E-04	1.3E-11
PM<10		3.3E-10	2.6E-03	3.3E-04	1.6E-11

Table H-329 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
PM<2.5		2.7E-10	2.3E-03	2.8E-04	1.3E-11
PCBs					
Dichlorobiphenyl	4.9E-17	4.2E-17	8.0E-09	9.9E-10	3.9E-15
Heptachlorobiphenyl	5.7E-18	4.8E-18	1.1E-10	1.4E-11	2.5E-16
Hexachlorobiphenyl	2.6E-17	2.2E-17	4.6E-10	5.7E-11	1.1E-15
Monochlorobiphenyl	3.4E-16	2.9E-16	5.5E-08	6.9E-09	2.7E-14
Nonachlorobiphenyl	1.0E-18	8.5E-19	1.5E-11	1.9E-12	4.3E-17
Octachlorobiphenyl	1.9E-18	1.6E-18	3.3E-11	4.2E-12	8.0E-17
Pentachlorobiphenyl	9.3E-17	7.9E-17	1.6E-09	2.0E-10	4.0E-15
Tetrachlorobiphenyl	1.9E-17	1.6E-17	2.6E-09	3.2E-10	1.5E-15
Trichlorobiphenyl	2.3E-17	1.9E-17	3.3E-09	4.1E-10	1.8E-15
Pesticides					
DDE		4.4E-09			1.4E-07
SVOCs					
1,2,4-trichlorobenzene			2.3E-08	2.9E-09	
1,2-dichlorobenzene			9.3E-09	1.2E-09	
1,3-Butadiene			2.7E-03		
1,3-dichlorobenzene			1.4E-08	1.7E-09	
1,4-dichlorobenzene			1.3E-07	1.6E-08	
1,4-Dioxane			6.3E-03		
2,4-Dimethylphenol			2.0E-06	2.5E-07	
2-Chlorophenol			4.1E-07	5.1E-08	

Table H-329 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Methylphenol			4.8E-06	6.0E-07	
2-Nitrophenol			6.5E-07	8.1E-08	
3-Methylphenol & 4-Methylphenol		3.2E-13	8.6E-06	1.1E-06	1.5E-14
4-Nitrophenol			1.1E-06	1.3E-07	
Acetophenone			1.0E-05	1.3E-06	
Benzoic acid			4.6E-05	5.8E-06	
Benzyl alcohol			3.9E-07	4.8E-08	
bis(2-Ethylhexyl) phthalate	5.8E-13	6.8E-13	1.6E-05	2.0E-06	3.3E-14
Butyl benzyl phthalate	2.8E-16	3.3E-16	5.1E-07	6.4E-08	1.6E-17
Carbazole		1.2E-15	1.4E-08	1.8E-09	5.9E-17
Dibenzofuran	1.2E-17	4.8E-17	8.2E-07	1.0E-07	2.1E-14
Dimethyl phthalate			2.9E-08	3.6E-09	
Di-n-butyl phthalate	2.8E-16	3.3E-16	7.9E-07	9.8E-08	1.6E-17
Di-n-octyl phthalate	8.1E-16	9.5E-16	5.5E-08	6.9E-09	4.7E-17
Hexachlorobutadiene			3.8E-06	4.8E-07	
Isopropanol			7.0E-02		
Phenol			2.6E-05	3.2E-06	
Pyridine			2.4E-06	3.1E-07	
TRS					
Total Reduced Sulfur			2.5E-05	3.1E-06	
VOCs					
1,1,1,2-Tetrachloroethane			1.2E-08	1.4E-09	

Table H-329 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,1,1-Trichloroethane			1.1E-08	1.4E-09	
1,1-Dichloroethene			2.2E-09	2.8E-10	
1,2,3-Trichlorobenzene			4.6E-08	5.7E-09	
1,2,3-Trichloropropane			9.3E-09	1.2E-09	
1,2,4-Trimethylbenzene			5.3E-07	6.7E-08	
1,2-Dibromoethane			5.9E-09	7.4E-10	
1,2-Dichloroethane			2.9E-03	8.6E-05	
1,3,5-Trimethylbenzene			5.0E-07	6.3E-08	
1,3-Dichloropropane			5.7E-09	7.2E-10	
2-Butanone			2.8E-06	3.5E-07	
2-Chlorotoluene			1.3E-07	1.6E-08	
2-Hexanone			5.8E-07	7.2E-08	
Benzene			7.2E-03	8.3E-04	
Bromobenzene			3.2E-06	4.0E-07	
Bromochloromethane			7.6E-09	9.4E-10	
Bromodichloromethane			8.2E-09	1.0E-09	
Bromomethane			3.3E-07	4.1E-08	
Carbon disulfide			2.9E-07	3.6E-08	
Carbon tetrachloride			1.3E-02	1.3E-03	
Chlorobenzene			4.1E-07	5.2E-08	
Chlorodibromomethane			2.0E-07	2.5E-08	
Chloroethane			7.8E-07	9.8E-08	

Table H-329 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Chloroform			2.2E-03	2.1E-04	
Chloromethane			2.7E-06	3.3E-07	
cis-1,2-Dichloroethene			3.4E-07	4.3E-08	
cis-1,3-Dichloropropene			2.1E-09	2.6E-10	
Dibromomethane			1.7E-08	2.2E-09	
Dichlorodifluoromethane			2.1E-08	2.7E-09	
Ethylbenzene			8.2E-03	2.1E-06	
Isopropylbenzene			1.4E-06	1.7E-07	
m&p-Xylene			3.1E-06	3.9E-07	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.1E-08	3.8E-09	
Methylene chloride			1.5E-06	1.9E-07	
n-Butylbenzene			6.7E-07	8.3E-08	
n-Propylbenzene			8.0E-07	1.0E-07	
o-Xylene			2.0E-06	2.5E-07	
p-Chlorotoluene			4.8E-08	5.9E-09	
p-Isopropyltoluene			3.3E-07	4.1E-08	
sec-Butylbenzene			1.2E-07	1.5E-08	
Styrene			4.4E-05	5.5E-06	
tert-Butylbenzene			3.9E-06	4.9E-07	
Tetrachloroethene			1.0E-08	1.3E-09	
Toluene			2.7E-05	3.4E-06	
trans-1,2-Dichloroethene			7.2E-06	9.1E-07	

Table H-329 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
trans-1,3-Dichloropropene			3.6E-09	4.5E-10	
Trichloroethene			3.9E-04	7.8E-11	
Trichlorofluoromethane			7.5E-09	9.4E-10	
Vinyl chloride			4.2E-07	5.3E-08	

Table H-330 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			8.4E-07	1.0E-07	
Aldehydes					
Acetaldehyde			1.4E-06	1.8E-07	
Formaldehyde			5.7E-03	7.7E-08	
Propionaldehyde		2.2E-15	1.6E-07	2.0E-08	1.7E-14
CO					
Carbon monoxide			4.5E-05	5.6E-06	
CO2					
Carbon dioxide			1.4E-06	1.8E-07	
Criteria					
Sulfur Dioxide			3.8E-07	4.7E-08	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	2.2E-15	8.5E-15	8.5E-13	1.1E-13	4.2E-19
1,2,3,4,6,7,8-HpCDF	2.2E-15	8.6E-15	8.6E-13	1.1E-13	4.2E-19
1,2,3,4,7,8,9-HpCDF	2.5E-16	9.9E-16	1.1E-13	1.4E-14	4.8E-20
1,2,3,4,7,8-HxCDD	2.5E-16	9.7E-16	1.0E-13	1.3E-14	4.7E-20
1,2,3,4,7,8-HxCDF	2.0E-15	7.7E-15	8.3E-13	1.0E-13	3.8E-19
1,2,3,6,7,8-HxCDD	5.0E-16	2.0E-15	2.1E-13	2.7E-14	9.7E-20
1,2,3,6,7,8-HxCDF	6.4E-16	2.5E-15	2.7E-13	3.4E-14	1.2E-19
1,2,3,7,8,9-HxCDD	7.9E-16	3.1E-15	3.2E-13	4.1E-14	1.5E-19
1,2,3,7,8,9-HxCDF	4.6E-17	1.8E-16	2.1E-14	2.6E-15	8.8E-21

Table H-330 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	2.8E-16	1.1E-15	1.3E-13	1.6E-14	5.4E-20
1,2,3,7,8-PeCDF	3.3E-16	1.3E-15	1.8E-13	2.3E-14	6.3E-20
2,3,4,6,7,8-HxCDF	1.0E-15	3.9E-15	4.2E-13	5.2E-14	1.9E-19
2,3,4,7,8-PeCDF	7.8E-16	3.1E-15	4.1E-13	5.2E-14	1.5E-19
2,3,7,8-TCDD	5.5E-17	2.2E-16	5.2E-14	6.5E-15	7.4E-18
2,3,7,8-TCDF	1.0E-16	4.0E-16	1.9E-13	2.4E-14	2.0E-20
OCDD	1.5E-15	5.8E-15	5.6E-13	7.0E-14	2.8E-19
OCDF	5.7E-16	2.2E-15	2.1E-13	2.6E-14	1.1E-19
DNT					
2,4-Dinitrotoluene	4.0E-07	4.7E-07			2.3E-11
2,6-Dinitrotoluene	6.4E-07	7.6E-07			3.7E-11
HCN					
Hydrogen cyanide			1.6E-07	2.0E-08	
Metals					
Aluminum		7.9E-03			3.9E-07
Antimony		3.0E-07	1.0E-08	1.3E-09	1.5E-11
Arsenic	6.0E-07	1.4E-06	5.9E-10	7.4E-11	1.2E-10
Barium		4.4E-09	1.3E-07	1.6E-08	2.1E-13
Beryllium		1.0E-15	4.3E-11	5.4E-12	5.1E-20
Cadmium		8.2E-16	7.6E-10	9.5E-11	4.0E-20
Chromium		9.6E-11	6.5E-09	8.1E-10	4.7E-15
Cobalt		1.9E-05	9.8E-09	1.2E-09	9.5E-10

Table H-330 (Average Daily Dose)

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Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Copper		4.5E-10	1.8E-08	2.2E-09	2.2E-14
Iron		1.7E-02			8.3E-07
Lead		1.0E-04	6.0E-09	7.5E-10	5.0E-09
Manganese		8.0E-13	5.5E-09	6.8E-10	3.9E-17
Mercury (+2)		6.4E-14	2.4E-11	2.9E-12	3.1E-18
Mercury, elemental		1.5E-08	9.8E-14	1.2E-14	2.9E-08
Methyl Mercury		3.8E-15			1.9E-19
Nickel		4.0E-04	3.5E-09	4.3E-10	2.0E-08
Phosphorus		7.5E-15	2.6E-08	3.3E-09	7.2E-14
Selenium		4.0E-17	1.7E-10	2.2E-11	2.0E-21
Silver		8.5E-13	1.1E-10	1.4E-11	4.2E-17
Thallium (Soluble Salts)		1.1E-07			5.2E-12
Titanium		8.0E-15	6.1E-11	7.6E-12	3.9E-19
Zinc		1.8E-13	1.4E-07	1.7E-08	9.0E-18
NOx					
NOx (Oxides of Nitrogen)			1.6E-06	2.0E-07	
PAHs					
1-Methylnaphthalene	2.4E-16	2.2E-16	3.3E-08	4.1E-09	2.5E-16
1-Methylphenanthrene		1.5E-13	3.9E-09	4.9E-10	7.1E-18
2,3,5-Trimethylnaphthalene		6.8E-14	1.9E-09	2.4E-10	3.3E-18
2,6-Dimethylnaphthalene		1.9E-13	5.1E-09	6.4E-10	9.1E-18
2-Methylnaphthalene	2.3E-16	2.1E-16	3.2E-08	4.0E-09	2.4E-16

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Exposure Unit	03
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Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acenaphthylene		6.0E-13	1.9E-08	2.4E-09	2.9E-17
Acenaphthene			3.5E-09	4.3E-10	
Anthracene			6.1E-09	7.6E-10	
Benzo(a)anthracene	1.6E-07	1.4E-07	3.0E-09	3.7E-10	2.1E-09
Benzo(a)pyrene	2.6E-07	2.4E-07	1.2E-09	1.5E-10	1.2E-11
Benzo(b)fluoranthene	5.7E-07	5.1E-07	1.3E-09	1.6E-10	2.5E-11
Benzo(e)pyrene		3.4E-14	1.0E-09	1.3E-10	1.7E-18
Benzo(g,h,i)perylene		2.5E-14	7.7E-10	9.6E-11	1.2E-18
Benzo(k)fluoranthene	3.6E-08	3.3E-08	1.2E-11	1.5E-12	1.6E-12
Biphenyl		3.3E-15	1.1E-07	1.4E-08	2.0E-15
Chrysene	2.3E-07	2.1E-07	5.1E-09	6.4E-10	1.0E-11
Dibenze(a,h)anthracene	9.9E-09	9.0E-09	1.9E-10	2.3E-11	4.4E-13
Fluoranthene	6.8E-14	6.1E-14	7.5E-09	9.4E-10	3.0E-18
Fluorene			1.9E-08	2.3E-09	
Indeno(1,2,3-cd)pyrene	1.4E-07	1.3E-07	6.2E-10	7.7E-11	6.3E-12
Napthalene			1.5E-07	1.9E-08	
Perylene		1.3E-14	4.6E-10	5.8E-11	6.5E-19
Phenanthrene			3.5E-08	4.4E-09	
Pyrene	2.8E-13	2.5E-13	7.3E-09	9.1E-10	7.1E-15
Particulate					
Particulate Total Suspended Particulate		3.0E-09	2.3E-05	2.9E-06	1.5E-13
PM<10		3.8E-09	3.1E-05	3.9E-06	1.9E-13

Table H-330 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
PM<2.5		3.2E-09	2.6E-05	3.3E-06	1.6E-13
PCBs					
Dichlorobiphenyl	9.9E-16	8.3E-16	9.3E-11	1.2E-11	7.8E-17
Heptachlorobiphenyl	1.2E-16	9.8E-17	1.3E-12	1.6E-13	5.0E-18
Hexachlorobiphenyl	5.2E-16	4.4E-16	5.3E-12	6.7E-13	2.3E-17
Monochlorobiphenyl	6.9E-15	5.8E-15	6.5E-10	8.1E-11	5.4E-16
Nonachlorobiphenyl	2.0E-17	1.7E-17	1.8E-13	2.2E-14	8.8E-19
Octachlorobiphenyl	3.8E-17	3.2E-17	3.9E-13	4.9E-14	1.6E-18
Pentachlorobiphenyl	1.9E-15	1.6E-15	1.8E-11	2.3E-12	8.1E-17
Tetrachlorobiphenyl	3.8E-16	3.2E-16	3.0E-11	3.8E-12	3.0E-17
Trichlorobiphenyl	4.5E-16	3.8E-16	3.8E-11	4.8E-12	3.6E-17
Pesticides					
DDE		5.1E-08			1.6E-09
SVOCs					
1,2,4-trichlorobenzene			2.7E-10	3.4E-11	
1,2-dichlorobenzene			1.1E-10	1.4E-11	
1,3-Butadiene			3.2E-05		
1,3-dichlorobenzene			1.6E-10	2.0E-11	
1,4-dichlorobenzene			1.5E-09	1.9E-10	
1,4-Dioxane			7.3E-05		
2,4-Dimethylphenol			2.4E-08	3.0E-09	
2-Chlorophenol			4.7E-09	5.9E-10	

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Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Methylphenol			5.6E-08	7.0E-09	
2-Nitrophenol			7.6E-09	9.4E-10	
3-Methylphenol & 4-Methylphenol		3.7E-12	1.0E-07	1.3E-08	1.8E-16
4-Nitrophenol			1.3E-08	1.6E-09	
Acetophenone			1.2E-07	1.5E-08	
Benzoic acid			5.4E-07	6.7E-08	
Benzyl alcohol			4.5E-09	5.6E-10	
bis(2-Ethylhexyl) phthalate	6.7E-12	8.0E-12	1.9E-07	2.4E-08	3.9E-16
Butyl benzyl phthalate	3.3E-15	3.8E-15	6.0E-09	7.5E-10	1.9E-19
Carbazole		1.4E-14	1.7E-10	2.1E-11	6.9E-19
Dibenzofuran	1.4E-16	5.7E-16	9.5E-09	1.2E-09	2.4E-16
Dimethyl phthalate			3.3E-10	4.2E-11	
Di-n-butyl phthalate	3.3E-15	3.9E-15	9.2E-09	1.1E-09	1.9E-19
Di-n-octyl phthalate	9.4E-15	1.1E-14	6.4E-10	8.0E-11	5.5E-19
Hexachlorobutadiene			4.4E-08	5.5E-09	
Isopropanol			8.2E-04		
Phenol			3.0E-07	3.8E-08	
Pyridine			2.9E-08	3.6E-09	
TRS					
Total Reduced Sulfur			2.9E-07	3.6E-08	
VOCs					
1,1,1,2-Tetrachloroethane			1.3E-10	1.7E-11	

Table H-330 (Average Daily Dose)

ACI Lifetime (yrs)	30
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Exposure Unit	03
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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,1,1-Trichloroethane			1.3E-10	1.7E-11	
1,1-Dichloroethene			2.6E-11	3.2E-12	
1,2,3-Trichlorobenzene			5.3E-10	6.7E-11	
1,2,3-Trichloropropane			1.1E-10	1.4E-11	
1,2,4-Trimethylbenzene			6.2E-09	7.8E-10	
1,2-Dibromoethane			6.9E-11	8.6E-12	
1,2-Dichloroethane			3.4E-05	1.0E-06	
1,3,5-Trimethylbenzene			5.9E-09	7.3E-10	
1,3-Dichloropropane			6.7E-11	8.4E-12	
2-Butanone			3.3E-08	4.1E-09	
2-Chlorotoluene			1.5E-09	1.8E-10	
2-Hexanone			6.8E-09	8.4E-10	
Benzene			8.4E-05	9.7E-06	
Bromobenzene			3.7E-08	4.7E-09	
Bromochloromethane			8.8E-11	1.1E-11	
Bromodichloromethane			9.5E-11	1.2E-11	
Bromomethane			3.8E-09	4.8E-10	
Carbon disulfide			3.3E-09	4.2E-10	
Carbon tetrachloride			1.5E-04	1.5E-05	
Chlorobenzene			4.8E-09	6.0E-10	
Chlorodibromomethane			2.4E-09	3.0E-10	
Chloroethane			9.1E-09	1.1E-09	

Table H-330 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Chloroform			2.5E-05	2.4E-06	
Chloromethane			3.1E-08	3.9E-09	
cis-1,2-Dichloroethene			4.0E-09	5.0E-10	
cis-1,3-Dichloropropene			2.4E-11	3.0E-12	
Dibromomethane			2.0E-10	2.5E-11	
Dichlorodifluoromethane			2.5E-10	3.1E-11	
Ethylbenzene			9.6E-05	2.4E-08	
Isopropylbenzene			1.6E-08	2.0E-09	
m&p-Xylene			3.6E-08	4.6E-09	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.6E-10	4.5E-11	
Methylene chloride			1.8E-08	2.3E-09	
n-Butylbenzene			7.8E-09	9.7E-10	
n-Propylbenzene			9.4E-09	1.2E-09	
o-Xylene			2.3E-08	2.9E-09	
p-Chlorotoluene			5.5E-10	6.9E-11	
p-Isopropyltoluene			3.8E-09	4.8E-10	
sec-Butylbenzene			1.4E-09	1.8E-10	
Styrene			5.1E-07	6.4E-08	
tert-Butylbenzene			4.6E-08	5.7E-09	
Tetrachloroethene			1.2E-10	1.5E-11	
Toluene			3.2E-07	3.9E-08	
trans-1,2-Dichloroethene			8.4E-08	1.1E-08	

Table H-330 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
trans-1,3-Dichloropropene			4.2E-11	5.3E-12	
Trichloroethene			4.6E-06	9.1E-13	
Trichlorofluoromethane			8.7E-11	1.1E-11	
Vinyl chloride			5.0E-09	6.2E-10	

Table H-331 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						7.2E-05	1.7E-04	9.0E-06	9.0E-06		
Aldehydes											
Acetaldehyde	7.9E-15					1.2E-04	2.9E-04	1.6E-05	1.6E-05		
Formaldehyde	3.9E-14					4.9E-01	1.2E-04	6.6E-06	6.6E-06		
Propionaldehyde				1.9E-16	5.4E-16	1.4E-05	3.1E-05	1.7E-06	1.7E-06	1.4E-12	8.9E-12
CO											
Carbon monoxide						3.8E-03	8.8E-03	4.8E-04	4.8E-04		
CO2											
Carbon dioxide						1.2E-04	2.8E-04	1.5E-05	1.5E-05		
Criteria											
Sulfur Dioxide						3.2E-05	7.5E-05	4.1E-06	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.1E-19	1.1E-16	1.5E-16	4.2E-16	1.2E-15	7.3E-11	1.7E-10	9.1E-12	9.1E-12	2.1E-17	1.3E-16
1,2,3,4,6,7,8-HpCDF	1.0E-19	1.1E-16	1.5E-16	4.2E-16	1.2E-15	7.3E-11	1.7E-10	9.2E-12	9.2E-12	2.1E-17	1.3E-16
1,2,3,4,7,8,9-HpCDF	1.6E-20	1.2E-17	1.7E-17	4.9E-17	1.4E-16	9.3E-12	2.1E-11	1.2E-12	1.2E-12	2.4E-18	1.5E-17
1,2,3,4,7,8-HxCDD	1.2E-19	1.2E-17	1.7E-17	4.8E-17	1.3E-16	8.7E-12	2.0E-11	1.1E-12	1.1E-12	2.3E-18	1.4E-17
1,2,3,4,7,8-HxCDF	8.2E-19	9.6E-17	1.3E-16	3.8E-16	1.1E-15	7.1E-11	1.6E-10	8.9E-12	8.9E-12	1.9E-17	1.1E-16
1,2,3,6,7,8-HxCDD	2.3E-19	2.5E-17	3.4E-17	9.7E-17	2.7E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	4.8E-18	2.9E-17
1,2,3,6,7,8-HxCDF	3.0E-19	3.1E-17	4.4E-17	1.2E-16	3.5E-16	2.3E-11	5.3E-11	2.9E-12	2.9E-12	6.1E-18	3.7E-17
1,2,3,7,8,9-HxCDD	3.3E-19	3.9E-17	5.4E-17	1.5E-16	4.3E-16	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.5E-18	4.6E-17
1,2,3,7,8,9-HxCDF	2.5E-20	2.2E-18	3.1E-18	8.9E-18	2.5E-17	1.8E-12	4.1E-12	2.2E-13	2.2E-13	4.3E-19	2.7E-18
1,2,3,7,8-PeCDD	6.3E-19	1.4E-17	1.9E-17	5.4E-17	1.5E-16	1.1E-11	2.6E-11	1.4E-12	1.4E-12	2.6E-18	1.6E-17
1,2,3,7,8-PeCDF	8.8E-19	1.6E-17	2.2E-17	6.3E-17	1.8E-16	1.6E-11	3.6E-11	2.0E-12	2.0E-12	3.1E-18	1.9E-17

Table H-331 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Apors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	4.4E-19	4.9E-17	6.9E-17	1.9E-16	5.4E-16	3.6E-11	8.2E-11	4.5E-12	4.5E-12	9.5E-18	5.8E-17
2,3,4,7,8-PeCDF	1.4E-18	3.8E-17	5.4E-17	1.5E-16	4.2E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	7.4E-18	4.6E-17
2,3,7,8-TCDD	2.1E-19	2.8E-18	3.9E-18	1.1E-17	3.1E-17	4.4E-12	1.0E-11	5.6E-13	5.6E-13	3.7E-16	2.3E-15
2,3,7,8-TCDF	6.9E-19	5.1E-18	7.1E-18	2.0E-17	5.6E-17	1.6E-11	3.8E-11	2.0E-12	2.0E-12	9.8E-19	6.0E-18
OCDD	1.4E-21	7.2E-17	1.0E-16	2.8E-16	8.0E-16	4.8E-11	1.1E-10	6.0E-12	6.0E-12	1.4E-17	8.6E-17
OCDF	5.3E-22	2.8E-17	3.9E-17	1.1E-16	3.1E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.4E-18	3.3E-17
DNT											
2,4-Dinitrotoluene		3.4E-08		4.1E-08						2.0E-09	
2,6-Dinitrotoluene		5.5E-08		6.5E-08						3.2E-09	
HCN											
Hydrogen cyanide						1.4E-05	3.1E-05	1.7E-06	1.7E-06		
Metals											
Aluminum				6.7E-04	1.7E-03					3.3E-05	1.8E-04
Antimony	1.3E-18			2.6E-08	1.2E-07	8.9E-07	2.1E-06	1.1E-07	1.1E-07	1.3E-09	1.3E-08
Arsenic	7.0E-17	5.1E-08	2.0E-08	1.2E-07	9.3E-08	5.1E-08	1.2E-07	6.4E-09	6.4E-09	9.9E-09	1.7E-08
Barium	1.9E-13			2.3E-10	6.6E-10	1.1E-05	2.5E-05	1.3E-06	1.3E-06	1.1E-11	7.1E-11
Beryllium	2.8E-18			9.0E-17	2.5E-16	3.7E-09	8.5E-09	4.6E-10	4.6E-10	4.4E-18	2.7E-17
Cadmium	7.2E-16			7.0E-17	2.0E-16	6.5E-08	1.5E-07	8.1E-09	8.1E-09	3.4E-18	2.1E-17
Chromium	2.1E-16			6.1E-12	1.7E-11	5.5E-07	1.3E-06	6.9E-08	6.9E-08	3.0E-13	1.8E-12
Cobalt				1.7E-06	3.2E-06	8.4E-07	1.9E-06	1.1E-07	1.1E-07	8.2E-08	3.4E-07
Copper				2.5E-11	7.0E-11	1.5E-06	3.5E-06	1.9E-07	1.9E-07	1.2E-12	7.5E-12
Iron				1.5E-03	3.2E-03					7.1E-05	3.5E-04
Lead	5.9E-19			8.8E-06	2.0E-05	5.1E-07	1.2E-06	6.4E-08	6.4E-08	4.3E-07	2.1E-06
Manganese				6.8E-14	1.9E-13	4.7E-07	1.1E-06	5.8E-08	5.8E-08	3.3E-15	2.1E-14

Table H-331 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				2.8E-15	7.7E-15	2.0E-09	4.7E-09	2.5E-10	2.5E-10	1.3E-16	8.3E-16
Mercury, elemental				1.3E-09	3.8E-09	8.4E-12	1.9E-11	1.1E-12	1.1E-12	2.5E-06	1.5E-05
Methyl Mercury	7.2E-16			1.6E-16	4.6E-16					8.0E-18	4.9E-17
Nickel	2.8E-16			3.4E-05	6.1E-05	3.0E-07	6.9E-07	3.7E-08	3.7E-08	1.7E-06	6.6E-06
Phosphorus				6.4E-16	1.8E-15	2.3E-06	5.2E-06	2.8E-07	2.8E-07	6.2E-12	3.8E-11
Selenium	2.4E-17			3.5E-18	9.7E-18	1.5E-08	3.5E-08	1.9E-09	1.9E-09	1.7E-19	1.0E-18
Silver	1.7E-17			6.4E-14	1.8E-13	9.8E-09	2.3E-08	1.2E-09	1.2E-09	3.1E-15	1.9E-14
Thallium (Soluble Salts)				9.2E-09	1.4E-08					4.5E-10	1.6E-09
Titanium				6.9E-16	1.9E-15	5.2E-09	1.2E-08	6.5E-10	6.5E-10	3.4E-17	2.1E-16
Zinc	3.5E-13			1.6E-14	4.4E-14	1.2E-05	2.7E-05	1.5E-06	1.5E-06	7.7E-16	4.8E-15
NOx											
NOx (Oxides of Nitrogen)						1.3E-04	3.1E-04	1.7E-05	1.7E-05		
PAHs											
1-Methylnaphthalene		2.0E-17	2.9E-17	1.9E-17	5.2E-17	2.8E-06	6.5E-06	3.5E-07	3.5E-07	2.1E-14	1.3E-13
1-Methylphenanthrene				1.2E-14	3.5E-14	3.4E-07	7.8E-07	4.2E-08	4.2E-08	6.1E-16	3.8E-15
2,3,5-Trimethylnaphthalene				5.8E-15	1.6E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	2.9E-16	1.8E-15
2,6-Dimethylnaphthalene				1.6E-14	4.5E-14	4.4E-07	1.0E-06	5.5E-08	5.5E-08	7.8E-16	4.8E-15
2-Methylnaphthalene		2.0E-17	2.8E-17	1.8E-17	5.0E-17	2.7E-06	6.3E-06	3.4E-07	3.4E-07	2.1E-14	1.3E-13
Acenaphthylene				5.1E-14	1.4E-13	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.5E-15	1.5E-14
Acenaphthene	2.9E-16					3.0E-07	6.8E-07	3.7E-08	3.7E-08		
Anthracene	3.7E-15					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Benzo(a)anthracene	5.3E-13	1.3E-08	4.4E-08	1.2E-08	7.9E-08	2.6E-07	5.9E-07	3.2E-08	3.2E-08	1.8E-07	1.1E-06
Benzo(a)pyrene	2.6E-13	2.3E-08	4.8E-08	2.1E-08	8.8E-08	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.0E-09	9.5E-09
Benzo(b)fluoranthene	7.1E-14	4.8E-08	6.8E-08	4.4E-08	1.2E-07	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.2E-09	1.3E-08

Table H-331 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				2.9E-15	8.2E-15	8.6E-08	2.0E-07	1.1E-08	1.1E-08	1.4E-16	8.8E-16
Benzo(g,h,i)perylene				2.2E-15	6.0E-15	6.6E-08	1.5E-07	8.2E-09	8.2E-09	1.1E-16	6.5E-16
Benzo(k)fluoranthene	5.9E-16	3.1E-09	3.4E-08	2.8E-09	6.2E-08	1.0E-09	2.3E-09	1.2E-10	1.2E-10	1.4E-10	6.7E-09
Biphenyl				2.9E-16	8.0E-16	9.5E-06	2.2E-05	1.2E-06	1.2E-06	1.7E-13	1.0E-12
Chrysene	9.1E-14	1.9E-08	4.9E-08	1.8E-08	8.9E-08	4.4E-07	1.0E-06	5.5E-08	5.5E-08	8.6E-10	9.6E-09
Dibenzo(a,h)anthracene	1.3E-14	8.5E-10	1.2E-08	7.7E-10	2.2E-08	1.6E-08	3.7E-08	2.0E-09	2.0E-09	3.8E-11	2.3E-09
Fluoranthene	2.4E-14	5.4E-15	7.6E-15	5.0E-15	1.4E-14	6.4E-07	1.5E-06	8.0E-08	8.0E-08	2.4E-16	1.5E-15
Fluorene	5.2E-15					1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Indeno(1,2,3-cd)pyrene	3.3E-14	1.2E-08	3.1E-08	1.1E-08	5.7E-08	5.3E-08	1.2E-07	6.6E-09	6.6E-09	5.4E-10	6.1E-09
Napthalene	2.4E-15					1.3E-05	2.9E-05	1.6E-06	1.6E-06		
Perylene				1.1E-15	3.2E-15	4.0E-08	9.1E-08	4.9E-09	4.9E-09	5.5E-17	3.4E-16
Phenanthrene	2.5E-14					3.0E-06	6.9E-06	3.8E-07	3.8E-07		
Pyrene	1.7E-14	1.8E-14	2.6E-14	1.7E-14	4.7E-14	6.3E-07	1.4E-06	7.8E-08	7.8E-08	4.7E-13	2.9E-12
Particulate											
Particulate Total Suspended Particulate				2.6E-10	7.2E-10	2.0E-03	4.6E-03	2.5E-04	2.5E-04	1.3E-11	7.7E-11
PM<10				3.3E-10	9.2E-10	2.6E-03	6.1E-03	3.3E-04	3.3E-04	1.6E-11	9.9E-11
PM<2.5				2.7E-10	7.6E-10	2.3E-03	5.2E-03	2.8E-04	2.8E-04	1.3E-11	8.2E-11
PCBs											
Dichlorobiphenyl	5.2E-16	4.9E-17	6.9E-17	4.2E-17	1.2E-16	8.0E-09	1.8E-08	9.9E-10	9.9E-10	3.9E-15	2.4E-14
Heptachlorobiphenyl	2.0E-17	5.7E-18	8.0E-18	4.8E-18	1.4E-17	1.1E-10	2.5E-10	1.4E-11	1.4E-11	2.5E-16	1.5E-15
Hexachlorobiphenyl	8.0E-17	2.6E-17	3.6E-17	2.2E-17	6.1E-17	4.6E-10	1.1E-09	5.7E-11	5.7E-11	1.1E-15	6.8E-15
Monochlorobiphenyl	3.6E-15	3.4E-16	4.8E-16	2.9E-16	8.1E-16	5.5E-08	1.3E-07	6.9E-09	6.9E-09	2.7E-14	1.7E-13
Nonachlorobiphenyl	2.5E-18	1.0E-18	1.4E-18	8.5E-19	2.4E-18	1.5E-11	3.6E-11	1.9E-12	1.9E-12	4.3E-17	2.7E-16
Octachlorobiphenyl	5.8E-18	1.9E-18	2.6E-18	1.6E-18	4.4E-18	3.3E-11	7.7E-11	4.2E-12	4.2E-12	8.0E-17	4.9E-16

Table H-331 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	2.6E-16	9.3E-17	1.3E-16	7.9E-17	2.2E-16	1.6E-09	3.6E-09	2.0E-10	2.0E-10	4.0E-15	2.5E-14
Tetrachlorobiphenyl	1.6E-16	1.9E-17	2.6E-17	1.6E-17	4.5E-17	2.6E-09	6.0E-09	3.2E-10	3.2E-10	1.5E-15	9.2E-15
Trichlorobiphenyl	2.0E-16	2.3E-17	3.2E-17	1.9E-17	5.4E-17	3.3E-09	7.6E-09	4.1E-10	4.1E-10	1.8E-15	1.1E-14
Pesticides											
DDE				4.4E-09	1.9E-08					1.4E-07	8.6E-07
Dieldrin			8.5E-10		2.0E-09						2.2E-10
SVOCs											
1,2,4-trichlorobenzene						2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2-dichlorobenzene	2.4E-19					9.3E-09	2.2E-08	1.2E-09	1.2E-09		
1,3-Butadiene						2.7E-03					
1,3-dichlorobenzene	5.9E-19					1.4E-08	3.2E-08	1.7E-09	1.7E-09		
1,4-dichlorobenzene	7.9E-18					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
1,4-Dioxane						6.3E-03					
2,4-Dimethylphenol	2.2E-16					2.0E-06	4.7E-06	2.5E-07	2.5E-07		
2-Chlorophenol	1.1E-17					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
2-Methylphenol	4.5E-15					4.8E-06	1.1E-05	6.0E-07	6.0E-07		
2-Nitrophenol	2.7E-17					6.5E-07	1.5E-06	8.1E-08	8.1E-08		
3-Methylphenol & 4-Methylphenol				3.2E-13	8.8E-13	8.6E-06	2.0E-05	1.1E-06	1.1E-06	1.5E-14	9.5E-14
4-Nitrophenol	5.6E-17					1.1E-06	2.5E-06	1.3E-07	1.3E-07		
Acetophenone	3.4E-16					1.0E-05	2.3E-05	1.3E-06	1.3E-06		
Benzoic acid	1.4E-15					4.6E-05	1.1E-04	5.8E-06	5.8E-06		
Benzyl alcohol	8.4E-19					3.9E-07	8.9E-07	4.8E-08	4.8E-08		
bis(2-Ethylhexyl) phthalate	4.2E-14	5.8E-13	8.0E-13	6.8E-13	1.9E-12	1.6E-05	3.8E-05	2.0E-06	2.0E-06	3.3E-14	2.1E-13
Butyl benzyl phthalate	1.5E-14	2.8E-16	3.9E-16	3.3E-16	9.2E-16	5.1E-07	1.2E-06	6.4E-08	6.4E-08	1.6E-17	1.0E-16

Table H-331 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Carbazole				1.2E-15	3.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	5.9E-17	3.6E-16
Dibenzofuran		1.2E-17	1.7E-17	4.8E-17	1.4E-16	8.2E-07	1.9E-06	1.0E-07	1.0E-07	2.1E-14	1.3E-13
Dimethyl phthalate	5.5E-18					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
Di-n-butyl phthalate	1.4E-13	2.8E-16	3.9E-16	3.3E-16	9.2E-16	7.9E-07	1.8E-06	9.8E-08	9.8E-08	1.6E-17	9.9E-17
Di-n-octyl phthalate	1.1E-18	8.1E-16	1.1E-15	9.5E-16	2.7E-15	5.5E-08	1.3E-07	6.9E-09	6.9E-09	4.7E-17	2.9E-16
Hexachlorobutadiene	5.8E-16					3.8E-06	8.8E-06	4.8E-07	4.8E-07		
Isopropanol						7.0E-02	1.9E-01				
p-Chloroaniline			2.8E-08		6.6E-08						7.2E-09
Phenol	1.3E-14					2.6E-05	6.0E-05	3.2E-06	3.2E-06		
Pyridine	6.6E-16					2.4E-06	5.7E-06	3.1E-07	3.1E-07		
TRS											
Total Reduced Sulfur						2.5E-05	5.8E-05	3.1E-06	3.1E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.3E-19					1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,1,1-Trichloroethane	1.5E-20					1.1E-08	2.6E-08	1.4E-09	1.4E-09		
1,1-Dichloroethene	5.1E-22					2.2E-09	5.1E-09	2.8E-10	2.8E-10		
1,2,3-Trichlorobenzene	1.6E-17					4.6E-08	1.1E-07	5.7E-09	5.7E-09		
1,2,3-Trichloropropane	9.3E-20					9.3E-09	2.1E-08	1.2E-09	1.2E-09		
1,2,4-Trimethylbenzene						5.3E-07	1.2E-06	6.7E-08	6.7E-08		
1,2-Dibromoethane	3.2E-20					5.9E-09	1.4E-08	7.4E-10	7.4E-10		
1,2-Dichloroethane	1.0E-18					2.9E-03	3.8E-03	8.6E-05	8.6E-05		
1,3,5-Trimethylbenzene	5.2E-18					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
1,3-Dichloropropane						5.7E-09	1.3E-08	7.2E-10	7.2E-10		
2-Butanone	2.1E-16					2.8E-06	6.5E-06	3.5E-07	3.5E-07		

Table H-331 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2-Chlorotoluene						1.3E-07	2.9E-07	1.6E-08	1.6E-08		
2-Hexanone						5.8E-07	1.3E-06	7.2E-08	7.2E-08		
Benzene	1.7E-16					7.2E-03	2.3E-02	8.3E-04	8.3E-04		
Bromobenzene						3.2E-06	7.4E-06	4.0E-07	4.0E-07		
Bromochloromethane						7.6E-09	1.7E-08	9.4E-10	9.4E-10		
Bromodichloromethane	2.7E-20					8.2E-09	2.9E-02	1.0E-09	1.0E-09		
Bromoform							1.3E-01				
Bromomethane	1.1E-19					3.3E-07	7.5E-07	4.1E-08	4.1E-08		
Carbon disulfide	1.1E-19					2.9E-07	6.6E-07	3.6E-08	3.6E-08		
Carbon tetrachloride	1.2E-20					1.3E-02	3.3E-02	1.3E-03	1.3E-03		
Chlorobenzene	4.0E-18					4.1E-07	9.5E-07	5.2E-08	5.2E-08		
Chlorodibromomethane	1.6E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
Chloroethane	3.2E-19					7.8E-07	1.8E-06	9.8E-08	9.8E-08		
Chloroform	2.4E-19					2.2E-03	6.8E-02	2.1E-04	2.1E-04		
Chloromethane	8.4E-19					2.7E-06	6.1E-06	3.3E-07	3.3E-07		
cis-1,2-Dichloroethene	3.3E-19					3.4E-07	7.9E-07	4.3E-08	4.3E-08		
cis-1,3-Dichloropropene						2.1E-09	4.8E-09	2.6E-10	2.6E-10		
Dibromomethane	3.6E-20					1.7E-08	4.0E-08	2.2E-09	2.2E-09		
Dichlorodifluoromethane	4.0E-22					2.1E-08	4.9E-08	2.7E-09	2.7E-09		
Ethylbenzene	1.3E-16					8.2E-03	1.9E-02	2.1E-06	2.1E-06		
Isopropylbenzene	1.7E-19					1.4E-06	3.1E-06	1.7E-07	1.7E-07		
m&p-Xylene	2.0E-17					3.1E-06	7.2E-06	3.9E-07	3.9E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.1E-19					3.1E-08	7.1E-08	3.8E-09	3.8E-09		
Methylene chloride	2.2E-18					1.5E-06	3.6E-06	1.9E-07	1.9E-07		

Table H-331 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
n-Butylbenzene						6.7E-07	1.5E-06	8.3E-08	8.3E-08		
n-Propylbenzene						8.0E-07	1.9E-06	1.0E-07	1.0E-07		
o-Xylene	2.4E-17					2.0E-06	4.5E-06	2.5E-07	2.5E-07		
p-Chlorotoluene						4.8E-08	1.1E-07	5.9E-09	5.9E-09		
p-Isopropyltoluene						3.3E-07	7.6E-07	4.1E-08	4.1E-08		
sec-Butylbenzene						1.2E-07	2.8E-07	1.5E-08	1.5E-08		
Styrene	8.0E-16					4.4E-05	1.0E-04	5.5E-06	5.5E-06		
tert-Butylbenzene						3.9E-06	9.0E-06	4.9E-07	4.9E-07		
Tetrachloroethene	5.7E-20					1.0E-08	2.4E-08	1.3E-09	1.3E-09		
Toluene	1.3E-16					2.7E-05	6.2E-05	3.4E-06	3.4E-06		
trans-1,2-Dichloroethene	5.0E-18					7.2E-06	1.7E-05	9.1E-07	9.1E-07		
trans-1,3-Dichloropropene						3.6E-09	8.4E-09	4.5E-10	4.5E-10		
Trichloroethene	5.8E-22					3.9E-04	3.8E-02	7.8E-11	7.8E-11		
Trichlorofluoromethane	9.0E-22					7.5E-09	1.7E-08	9.4E-10	9.4E-10		
Vinyl chloride	4.1E-20					4.2E-07	9.8E-07	5.3E-08	5.3E-08		

Table H-332 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					5.7E-03	1.4E-06	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19	
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19	
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18	
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19	
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19	
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19	
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20	
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19	
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19	

Table H-332 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
DNT											
2,4-Dinitrotoluene		4.0E-07		4.7E-07						2.3E-11	
2,6-Dinitrotoluene		6.4E-07		7.6E-07						3.7E-11	
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				7.9E-03	2.0E-02					3.9E-07	2.1E-06
Antimony	1.6E-17			3.0E-07	1.4E-06	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.5E-11	1.5E-10
Arsenic	8.1E-16	6.0E-07	2.3E-07	1.4E-06	1.1E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	1.2E-10	2.0E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				1.9E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	9.5E-10	4.0E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				1.7E-02	3.7E-02					8.3E-07	4.0E-06
Lead	6.9E-18			1.0E-04	2.3E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.0E-09	2.5E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16

Table H-332 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				1.5E-08	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	2.9E-08	1.8E-07
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18
Nickel	3.3E-15			4.0E-04	7.1E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.0E-08	7.7E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Thallium (Soluble Salts)				1.1E-07	1.7E-07					5.2E-12	1.8E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	1.6E-07	5.1E-07	1.4E-07	9.3E-07	3.0E-09	6.9E-09	3.7E-10	3.7E-10	2.1E-09	1.3E-08
Benzo(a)pyrene	3.1E-12	2.6E-07	5.6E-07	2.4E-07	1.0E-06	1.2E-09	2.7E-09	1.5E-10	1.5E-10	1.2E-11	1.1E-10
Benzo(b)fluoranthene	8.3E-13	5.7E-07	7.9E-07	5.1E-07	1.4E-06	1.3E-09	3.0E-09	1.6E-10	1.6E-10	2.5E-11	1.5E-10

Table H-332 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	3.6E-08	4.0E-07	3.3E-08	7.2E-07	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.6E-12	7.8E-11
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.3E-07	5.7E-07	2.1E-07	1.0E-06	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.0E-11	1.1E-10
Dibenze(a,h)anthracene	1.6E-13	9.9E-09	1.4E-07	9.0E-09	2.5E-07	1.9E-10	4.3E-10	2.3E-11	2.3E-11	4.4E-13	2.7E-11
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.4E-07	3.6E-07	1.3E-07	6.6E-07	6.2E-10	1.4E-09	7.7E-11	7.7E-11	6.3E-12	7.1E-11
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17

Table H-332 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16
Pesticides											
DDE				5.1E-08	2.2E-07					1.6E-09	1.0E-08
Dieldrin			1.0E-08		2.4E-08						2.5E-12
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						3.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
1,4-Dioxane						7.3E-05					
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18

Table H-332 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						8.2E-04	2.3E-03				
p-Chloroaniline			3.3E-07		7.7E-07						8.4E-11
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					3.4E-05	4.4E-05	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		

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Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.4E-05	2.7E-04	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	3.4E-04	1.2E-11	1.2E-11		
Bromoform							1.5E-03				
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.5E-04	3.9E-04	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					2.5E-05	7.9E-04	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					9.6E-05	2.2E-04	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		

Table H-332 (Average Daily Dose)

ACI Lifetime (yrs)	30
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Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					4.6E-06	4.5E-04	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10		

Table H-333 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						7.2E-05	1.7E-04	9.0E-06	9.0E-06		
Aldehydes											
Acetaldehyde	7.9E-15					1.2E-04	2.9E-04	1.6E-05	1.6E-05		
Formaldehyde	3.9E-14					4.9E-01	3.4E+00	6.6E-06	6.6E-06		
Propionaldehyde				1.9E-16	5.4E-16	1.4E-05	3.1E-05	1.7E-06	1.7E-06	1.4E-12	8.9E-12
CO											
Carbon monoxide						3.8E-03	8.8E-03	4.8E-04	4.8E-04		
CO2											
Carbon dioxide						1.2E-04	2.8E-04	1.5E-05	1.5E-05		
Criteria											
Sulfur Dioxide						3.2E-05	7.5E-05	4.1E-06	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.1E-19	1.1E-16	1.5E-16	4.2E-16	1.2E-15	7.3E-11	1.7E-10	9.1E-12	9.1E-12	2.1E-17	1.3E-16
1,2,3,4,6,7,8-HpCDF	1.0E-19	1.1E-16	1.5E-16	4.2E-16	1.2E-15	7.3E-11	1.7E-10	9.2E-12	9.2E-12	2.1E-17	1.3E-16
1,2,3,4,7,8,9-HpCDF	1.6E-20	1.2E-17	1.7E-17	4.9E-17	1.4E-16	9.3E-12	2.1E-11	1.2E-12	1.2E-12	2.4E-18	1.5E-17
1,2,3,4,7,8-HxCDD	1.2E-19	1.2E-17	1.7E-17	4.8E-17	1.3E-16	8.7E-12	2.0E-11	1.1E-12	1.1E-12	2.3E-18	1.4E-17
1,2,3,4,7,8-HxCDF	8.2E-19	9.6E-17	1.3E-16	3.8E-16	1.1E-15	7.1E-11	1.6E-10	8.9E-12	8.9E-12	1.9E-17	1.1E-16
1,2,3,6,7,8-HxCDD	2.3E-19	2.5E-17	3.4E-17	9.7E-17	2.7E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	4.8E-18	2.9E-17
1,2,3,6,7,8-HxCDF	3.0E-19	3.1E-17	4.4E-17	1.2E-16	3.5E-16	2.3E-11	5.3E-11	2.9E-12	2.9E-12	6.1E-18	3.7E-17
1,2,3,7,8,9-HxCDD	3.3E-19	3.9E-17	5.4E-17	1.5E-16	4.3E-16	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.5E-18	4.6E-17
1,2,3,7,8,9-HxCDF	2.5E-20	2.2E-18	3.1E-18	8.9E-18	2.5E-17	1.8E-12	4.1E-12	2.2E-13	2.2E-13	4.3E-19	2.7E-18
1,2,3,7,8-PeCDD	6.3E-19	1.4E-17	1.9E-17	5.4E-17	1.5E-16	1.1E-11	2.6E-11	1.4E-12	1.4E-12	2.6E-18	1.6E-17
1,2,3,7,8-PeCDF	8.8E-19	1.6E-17	2.2E-17	6.3E-17	1.8E-16	1.6E-11	3.6E-11	2.0E-12	2.0E-12	3.1E-18	1.9E-17

Table H-333 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	4.4E-19	4.9E-17	6.9E-17	1.9E-16	5.4E-16	3.6E-11	8.2E-11	4.5E-12	4.5E-12	9.5E-18	5.8E-17
2,3,4,7,8-PeCDF	1.4E-18	3.8E-17	5.4E-17	1.5E-16	4.2E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	7.4E-18	4.6E-17
2,3,7,8-TCDD	2.1E-19	2.8E-18	3.9E-18	1.1E-17	3.1E-17	4.4E-12	1.0E-11	5.6E-13	5.6E-13	3.7E-16	2.3E-15
2,3,7,8-TCDF	6.9E-19	5.1E-18	7.1E-18	2.0E-17	5.6E-17	1.6E-11	3.8E-11	2.0E-12	2.0E-12	9.8E-19	6.0E-18
OCDD	1.4E-21	7.2E-17	1.0E-16	2.8E-16	8.0E-16	4.8E-11	1.1E-10	6.0E-12	6.0E-12	1.4E-17	8.6E-17
OCDF	5.3E-22	2.8E-17	3.9E-17	1.1E-16	3.1E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.4E-18	3.3E-17
DNT											
2,4-Dinitrotoluene		3.4E-08		4.1E-08						2.0E-09	
2,6-Dinitrotoluene		5.5E-08		6.5E-08						3.2E-09	
HCN											
Hydrogen cyanide						1.4E-05	3.1E-05	1.7E-06	1.7E-06		
Metals											
Aluminum				6.7E-04	2.0E-03					3.3E-05	2.2E-04
Antimony	1.3E-18			2.6E-08	4.1E-08	8.9E-07	2.1E-06	1.1E-07	1.1E-07	1.3E-09	4.4E-09
Arsenic	7.0E-17	5.1E-08	3.9E-08	1.2E-07	1.8E-07	5.1E-08	1.2E-07	6.4E-09	6.4E-09	9.9E-09	3.3E-08
Barium	1.9E-13			2.3E-10	6.6E-10	1.1E-05	2.5E-05	1.3E-06	1.3E-06	1.1E-11	7.1E-11
Beryllium	2.8E-18			9.0E-17	2.5E-16	3.7E-09	8.5E-09	4.6E-10	4.6E-10	4.4E-18	2.7E-17
Cadmium	7.2E-16			7.0E-17	2.0E-16	6.5E-08	1.5E-07	8.1E-09	8.1E-09	3.4E-18	2.1E-17
Chromium	2.1E-16			6.1E-12	1.7E-11	5.5E-07	1.3E-06	6.9E-08	6.9E-08	3.0E-13	1.8E-12
Cobalt				1.7E-06	3.2E-06	8.4E-07	1.9E-06	1.1E-07	1.1E-07	8.2E-08	3.4E-07
Copper				2.5E-11	7.0E-11	1.5E-06	3.5E-06	1.9E-07	1.9E-07	1.2E-12	7.5E-12
Iron				1.5E-03	3.4E-03					7.1E-05	3.7E-04
Lead	5.9E-19			8.8E-06	4.5E-06	5.1E-07	1.2E-06	6.4E-08	6.4E-08	4.3E-07	4.9E-07
Manganese				6.8E-14	1.9E-13	4.7E-07	1.1E-06	5.8E-08	5.8E-08	3.3E-15	2.1E-14

Table H-333 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				2.8E-15	7.7E-15	2.0E-09	4.7E-09	2.5E-10	2.5E-10	1.3E-16	8.3E-16
Mercury, elemental				1.3E-09	2.3E-09	8.4E-12	1.9E-11	1.1E-12	1.1E-12	2.5E-06	1.5E-05
Methyl Mercury	7.2E-16			1.6E-16	4.6E-16					8.0E-18	4.9E-17
Nickel	2.8E-16			3.4E-05	6.8E-05	3.0E-07	6.9E-07	3.7E-08	3.7E-08	1.7E-06	7.3E-06
Phosphorus				6.4E-16	1.8E-15	2.3E-06	5.2E-06	2.8E-07	2.8E-07	6.2E-12	3.8E-11
Selenium	2.4E-17			3.5E-18	9.7E-18	1.5E-08	3.5E-08	1.9E-09	1.9E-09	1.7E-19	1.0E-18
Silver	1.7E-17			6.4E-14	1.8E-13	9.8E-09	2.3E-08	1.2E-09	1.2E-09	3.1E-15	1.9E-14
Thallium (Soluble Salts)				9.2E-09	1.2E-08					4.5E-10	1.3E-09
Titanium				6.9E-16	1.9E-15	5.2E-09	1.2E-08	6.5E-10	6.5E-10	3.4E-17	2.1E-16
Zinc	3.5E-13			1.6E-14	4.4E-14	1.2E-05	2.7E-05	1.5E-06	1.5E-06	7.7E-16	4.8E-15
NOx											
NOx (Oxides of Nitrogen)						1.3E-04	3.1E-04	1.7E-05	1.7E-05		
PAHs											
1-Methylnaphthalene		2.0E-17	2.9E-17	1.9E-17	5.2E-17	2.8E-06	6.5E-06	3.5E-07	3.5E-07	2.1E-14	1.3E-13
1-Methylphenanthrene				1.2E-14	3.5E-14	3.4E-07	7.8E-07	4.2E-08	4.2E-08	6.1E-16	3.8E-15
2,3,5-Trimethylnaphthalene				5.8E-15	1.6E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	2.9E-16	1.8E-15
2,6-Dimethylnaphthalene				1.6E-14	4.5E-14	4.4E-07	1.0E-06	5.5E-08	5.5E-08	7.8E-16	4.8E-15
2-Methylnaphthalene		2.0E-17	2.8E-17	1.8E-17	5.0E-17	2.7E-06	6.3E-06	3.4E-07	3.4E-07	2.1E-14	1.3E-13
Acenaphthylene				5.1E-14	1.4E-13	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.5E-15	1.5E-14
Acenaphthene	2.9E-16					3.0E-07	6.8E-07	3.7E-08	3.7E-08		
Anthracene	3.7E-15					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Benzo(a)anthracene	5.3E-13	1.3E-08	2.2E-13	1.2E-08	3.9E-13	2.6E-07	5.9E-07	3.2E-08	3.2E-08	1.8E-07	1.1E-06
Benzo(a)pyrene	2.6E-13	2.3E-08	9.9E-14	2.1E-08	1.8E-13	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.0E-09	1.9E-14
Benzo(b)fluoranthene	7.1E-14	4.8E-08	5.7E-15	4.4E-08	1.0E-14	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.2E-09	1.1E-15

Table H-333 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				2.9E-15	8.2E-15	8.6E-08	2.0E-07	1.1E-08	1.1E-08	1.4E-16	8.8E-16
Benzo(g,h,i)perylene				2.2E-15	6.0E-15	6.6E-08	1.5E-07	8.2E-09	8.2E-09	1.1E-16	6.5E-16
Benzo(k)fluoranthene	5.9E-16	3.1E-09	7.1E-15	2.8E-09	1.3E-14	1.0E-09	2.3E-09	1.2E-10	1.2E-10	1.4E-10	1.4E-15
Biphenyl				2.9E-16	8.0E-16	9.5E-06	2.2E-05	1.2E-06	1.2E-06	1.7E-13	1.0E-12
Chrysene	9.1E-14	1.9E-08	2.8E-13	1.8E-08	5.2E-13	4.4E-07	1.0E-06	5.5E-08	5.5E-08	8.6E-10	5.6E-14
Dibenze(a,h)anthracene	1.3E-14	8.5E-10	3.6E-14	7.7E-10	6.5E-14	1.6E-08	3.7E-08	2.0E-09	2.0E-09	3.8E-11	7.1E-15
Fluoranthene	2.4E-14	5.4E-15	7.6E-15	5.0E-15	1.4E-14	6.4E-07	1.5E-06	8.0E-08	8.0E-08	2.4E-16	1.5E-15
Fluorene	5.2E-15					1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Indeno(1,2,3-cd)pyrene	3.3E-14	1.2E-08	9.9E-14	1.1E-08	1.8E-13	5.3E-08	1.2E-07	6.6E-09	6.6E-09	5.4E-10	2.0E-14
Napthalene	2.4E-15					1.3E-05	2.9E-05	1.6E-06	1.6E-06		
Perylene				1.1E-15	3.2E-15	4.0E-08	9.1E-08	4.9E-09	4.9E-09	5.5E-17	3.4E-16
Phenanthrene	2.5E-14					3.0E-06	6.9E-06	3.8E-07	3.8E-07		
Pyrene	1.7E-14	1.8E-14	2.6E-14	1.7E-14	4.7E-14	6.3E-07	1.4E-06	7.8E-08	7.8E-08	4.7E-13	2.9E-12
Particulate											
Particulate Total Suspended Particulate				2.6E-10	7.2E-10	2.0E-03	4.6E-03	2.5E-04	2.5E-04	1.3E-11	7.7E-11
PM<10				3.3E-10	9.2E-10	2.6E-03	6.1E-03	3.3E-04	3.3E-04	1.6E-11	9.9E-11
PM<2.5				2.7E-10	7.6E-10	2.3E-03	5.2E-03	2.8E-04	2.8E-04	1.3E-11	8.2E-11
PCBs											
Dichlorobiphenyl	5.2E-16	4.9E-17	6.9E-17	4.2E-17	1.2E-16	8.0E-09	1.8E-08	9.9E-10	9.9E-10	3.9E-15	2.4E-14
Heptachlorobiphenyl	2.0E-17	5.7E-18	8.0E-18	4.8E-18	1.4E-17	1.1E-10	2.5E-10	1.4E-11	1.4E-11	2.5E-16	1.5E-15
Hexachlorobiphenyl	8.0E-17	2.6E-17	3.6E-17	2.2E-17	6.1E-17	4.6E-10	1.1E-09	5.7E-11	5.7E-11	1.1E-15	6.8E-15
Monochlorobiphenyl	3.6E-15	3.4E-16	4.8E-16	2.9E-16	8.1E-16	5.5E-08	1.3E-07	6.9E-09	6.9E-09	2.7E-14	1.7E-13
Nonachlorobiphenyl	2.5E-18	1.0E-18	1.4E-18	8.5E-19	2.4E-18	1.5E-11	3.6E-11	1.9E-12	1.9E-12	4.3E-17	2.7E-16
Octachlorobiphenyl	5.8E-18	1.9E-18	2.6E-18	1.6E-18	4.4E-18	3.3E-11	7.7E-11	4.2E-12	4.2E-12	8.0E-17	4.9E-16

Table H-333 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	2.6E-16	9.3E-17	1.3E-16	7.9E-17	2.2E-16	1.6E-09	3.6E-09	2.0E-10	2.0E-10	4.0E-15	2.5E-14
Tetrachlorobiphenyl	1.6E-16	1.9E-17	2.6E-17	1.6E-17	4.5E-17	2.6E-09	6.0E-09	3.2E-10	3.2E-10	1.5E-15	9.2E-15
Trichlorobiphenyl	2.0E-16	2.3E-17	3.2E-17	1.9E-17	5.4E-17	3.3E-09	7.6E-09	4.1E-10	4.1E-10	1.8E-15	1.1E-14
Pesticides											
DDE				4.4E-09	6.7E-09					1.4E-07	8.6E-07
SVOCs											
1,2,4-trichlorobenzene						2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2-dichlorobenzene	2.4E-19					9.3E-09	2.2E-08	1.2E-09	1.2E-09		
1,3-Butadiene						2.7E-03					
1,3-dichlorobenzene	5.9E-19					1.4E-08	3.2E-08	1.7E-09	1.7E-09		
1,4-dichlorobenzene	7.9E-18					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
1,4-Dioxane						6.3E-03					
2,4-Dimethylphenol	2.2E-16					2.0E-06	4.7E-06	2.5E-07	2.5E-07		
2-Chlorophenol	1.1E-17					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
2-Methylphenol	4.5E-15					4.8E-06	1.1E-05	6.0E-07	6.0E-07		
2-Nitrophenol	2.7E-17					6.5E-07	1.5E-06	8.1E-08	8.1E-08		
3-Methylphenol & 4-Methylphenol				3.2E-13	8.8E-13	8.6E-06	2.0E-05	1.1E-06	1.1E-06	1.5E-14	9.5E-14
4-Nitrophenol	5.6E-17					1.1E-06	2.5E-06	1.3E-07	1.3E-07		
Acetophenone	3.4E-16					1.0E-05	2.3E-05	1.3E-06	1.3E-06		
Benzoic acid	1.4E-15					4.6E-05	1.1E-04	5.8E-06	5.8E-06		
Benzyl alcohol	8.4E-19					3.9E-07	8.9E-07	4.8E-08	4.8E-08		
bis(2-Ethylhexyl) phthalate	4.2E-14	5.8E-13	8.0E-13	6.8E-13	1.9E-12	1.6E-05	3.8E-05	2.0E-06	2.0E-06	3.3E-14	2.1E-13
Butyl benzyl phthalate	1.5E-14	2.8E-16	3.9E-16	3.3E-16	9.2E-16	5.1E-07	1.2E-06	6.4E-08	6.4E-08	1.6E-17	1.0E-16
Carbazole				1.2E-15	3.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	5.9E-17	3.6E-16

Table H-333 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Dibenzofuran		1.2E-17	1.7E-17	4.8E-17	1.4E-16	8.2E-07	1.9E-06	1.0E-07	1.0E-07	2.1E-14	1.3E-13
Dimethyl phthalate	5.5E-18					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
Di-n-butyl phthalate	1.4E-13	2.8E-16	3.9E-16	3.3E-16	9.2E-16	7.9E-07	1.8E-06	9.8E-08	9.8E-08	1.6E-17	9.9E-17
Di-n-octyl phthalate	1.1E-18	8.1E-16	1.1E-15	9.5E-16	2.7E-15	5.5E-08	1.3E-07	6.9E-09	6.9E-09	4.7E-17	2.9E-16
Hexachlorobutadiene	5.8E-16					3.8E-06	8.8E-06	4.8E-07	4.8E-07		
Isopropanol						7.0E-02					
Phenol	1.3E-14					2.6E-05	6.0E-05	3.2E-06	3.2E-06		
Pyridine	6.6E-16					2.4E-06	5.7E-06	3.1E-07	3.1E-07		
TRS											
Total Reduced Sulfur						2.5E-05	5.8E-05	3.1E-06	3.1E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.3E-19					1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,1,1-Trichloroethane	1.5E-20					1.1E-08	2.6E-08	1.4E-09	1.4E-09		
1,1-Dichloroethene	5.1E-22					2.2E-09	5.1E-09	2.8E-10	2.8E-10		
1,2,3-Trichlorobenzene	1.6E-17					4.6E-08	1.1E-07	5.7E-09	5.7E-09		
1,2,3-Trichloropropane	9.3E-20					9.3E-09	2.1E-08	1.2E-09	1.2E-09		
1,2,4-Trimethylbenzene						5.3E-07	1.2E-06	6.7E-08	6.7E-08		
1,2-Dibromoethane	3.2E-20					5.9E-09	1.4E-08	7.4E-10	7.4E-10		
1,2-Dichloroethane	1.0E-18					2.9E-03	5.5E-07	8.6E-05	8.6E-05		
1,3,5-Trimethylbenzene	5.2E-18					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
1,3-Dichloropropane						5.7E-09	1.3E-08	7.2E-10	7.2E-10		
2-Butanone	2.1E-16					2.8E-06	6.5E-06	3.5E-07	3.5E-07		
2-Chlorotoluene						1.3E-07	2.9E-07	1.6E-08	1.6E-08		
2-Hexanone						5.8E-07	1.3E-06	7.2E-08	7.2E-08		

Table H-333 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Benzene	1.7E-16					7.2E-03	1.7E-04	8.3E-04	8.3E-04		
Bromobenzene						3.2E-06	7.4E-06	4.0E-07	4.0E-07		
Bromochloromethane						7.6E-09	1.7E-08	9.4E-10	9.4E-10		
Bromodichloromethane	2.7E-20					8.2E-09	1.9E-08	1.0E-09	1.0E-09		
Bromomethane	1.1E-19					3.3E-07	7.5E-07	4.1E-08	4.1E-08		
Carbon disulfide	1.1E-19					2.9E-07	6.6E-07	3.6E-08	3.6E-08		
Carbon tetrachloride	1.2E-20					1.3E-02	4.3E-08	1.3E-03	1.3E-03		
Chlorobenzene	4.0E-18					4.1E-07	9.5E-07	5.2E-08	5.2E-08		
Chlorodibromomethane	1.6E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
Chloroethane	3.2E-19					7.8E-07	1.8E-06	9.8E-08	9.8E-08		
Chloroform	2.4E-19					2.2E-03	3.9E-07	2.1E-04	2.1E-04		
Chloromethane	8.4E-19					2.7E-06	6.1E-06	3.3E-07	3.3E-07		
cis-1,2-Dichloroethene	3.3E-19					3.4E-07	7.9E-07	4.3E-08	4.3E-08		
cis-1,3-Dichloropropene						2.1E-09	4.8E-09	2.6E-10	2.6E-10		
Dibromomethane	3.6E-20					1.7E-08	4.0E-08	2.2E-09	2.2E-09		
Dichlorodifluoromethane	4.0E-22					2.1E-08	4.9E-08	2.7E-09	2.7E-09		
Ethylbenzene	1.3E-16					8.2E-03	3.9E-05	2.1E-06	2.1E-06		
Isopropylbenzene	1.7E-19					1.4E-06	3.1E-06	1.7E-07	1.7E-07		
m&p-Xylene	2.0E-17					3.1E-06	7.2E-06	3.9E-07	3.9E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.1E-19					3.1E-08	7.1E-08	3.8E-09	3.8E-09		
Methylene chloride	2.2E-18					1.5E-06	3.6E-06	1.9E-07	1.9E-07		
n-Butylbenzene						6.7E-07	1.5E-06	8.3E-08	8.3E-08		
n-Propylbenzene						8.0E-07	1.9E-06	1.0E-07	1.0E-07		
o-Xylene	2.4E-17					2.0E-06	4.5E-06	2.5E-07	2.5E-07		

Table H-333 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
p-Chlorotoluene						4.8E-08	1.1E-07	5.9E-09	5.9E-09		
p-Isopropyltoluene						3.3E-07	7.6E-07	4.1E-08	4.1E-08		
sec-Butylbenzene						1.2E-07	2.8E-07	1.5E-08	1.5E-08		
Styrene	8.0E-16					4.4E-05	1.0E-04	5.5E-06	5.5E-06		
tert-Butylbenzene						3.9E-06	9.0E-06	4.9E-07	4.9E-07		
Tetrachloroethene	5.7E-20					1.0E-08	2.4E-08	1.3E-09	1.3E-09		
Toluene	1.3E-16					2.7E-05	6.2E-05	3.4E-06	3.4E-06		
trans-1,2-Dichloroethene	5.0E-18					7.2E-06	1.7E-05	9.1E-07	9.1E-07		
trans-1,3-Dichloropropene						3.6E-09	8.4E-09	4.5E-10	4.5E-10		
Trichloroethene	5.8E-22					3.9E-04	1.4E-09	7.8E-11	7.8E-11		
Trichlorofluoromethane	9.0E-22					7.5E-09	1.7E-08	9.4E-10	9.4E-10		
Vinyl chloride	4.1E-20					4.2E-07	9.8E-07	5.3E-08	5.3E-08		

Table H-334 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					5.7E-03	4.0E-02	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19	
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19	
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18	
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19	
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19	
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19	
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20	
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19	
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19	

Table H-334 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
DNT											
2,4-Dinitrotoluene		4.0E-07		4.7E-07						2.3E-11	
2,6-Dinitrotoluene		6.4E-07		7.6E-07						3.7E-11	
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				7.9E-03	2.4E-02					3.9E-07	2.6E-06
Antimony	1.6E-17			3.0E-07	4.8E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.5E-11	5.2E-11
Arsenic	8.1E-16	6.0E-07	4.6E-07	1.4E-06	2.2E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	1.2E-10	3.9E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				1.9E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	9.5E-10	4.0E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				1.7E-02	4.0E-02					8.3E-07	4.3E-06
Lead	6.9E-18			1.0E-04	5.3E-05	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.0E-09	5.7E-09
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16

Table H-334 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				1.5E-08	2.7E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	2.9E-08	1.8E-07
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18
Nickel	3.3E-15			4.0E-04	7.9E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.0E-08	8.5E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Thallium (Soluble Salts)				1.1E-07	1.4E-07					5.2E-12	1.6E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	1.6E-07	2.8E-12	1.4E-07	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	2.1E-09	1.3E-08
Benzo(a)pyrene	3.1E-12	2.6E-07	1.2E-12	2.4E-07	2.3E-12	1.2E-09	2.7E-09	1.5E-10	1.5E-10	1.2E-11	2.4E-16
Benzo(b)fluoranthene	8.3E-13	5.7E-07	7.3E-14	5.1E-07	1.3E-13	1.3E-09	3.0E-09	1.6E-10	1.6E-10	2.5E-11	1.4E-17

Table H-334 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	3.6E-08	1.1E-13	3.3E-08	2.0E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.6E-12	2.2E-17
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.3E-07	3.8E-12	2.1E-07	7.0E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.0E-11	7.5E-16
Dibenze(a,h)anthracene	1.6E-13	9.9E-09	4.8E-13	9.0E-09	8.7E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	4.4E-13	9.4E-17
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.4E-07	1.3E-12	1.3E-07	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	6.3E-12	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17

Table H-334 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16
Pesticides											
DDE				5.1E-08	7.8E-08					1.6E-09	1.0E-08
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						3.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
1,4-Dioxane						7.3E-05					
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18

Table H-334 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						8.2E-04					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					3.4E-05	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		

Table H-334 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Benzene	2.0E-15					8.4E-05	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.5E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					2.5E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					9.6E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		

Table H-334 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					4.6E-06	1.7E-11	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10		

Table H-335 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						7.2E-05	1.7E-04	9.0E-06	9.0E-06		
Aldehydes											
Acetaldehyde	7.9E-15					1.2E-04	2.9E-04	1.6E-05	1.6E-05		
Formaldehyde	3.9E-14					4.9E-01	2.3E+00	6.6E-06	6.6E-06		
Propionaldehyde				1.9E-16	5.4E-16	1.4E-05	3.1E-05	1.7E-06	1.7E-06	1.4E-12	8.9E-12
CO											
Carbon monoxide						3.8E-03	8.8E-03	4.8E-04	4.8E-04		
CO2											
Carbon dioxide						1.2E-04	2.8E-04	1.5E-05	1.5E-05		
Criteria											
Sulfur Dioxide						3.2E-05	7.5E-05	4.1E-06	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.1E-19	1.1E-16	1.5E-16	4.2E-16	1.2E-15	7.3E-11	1.7E-10	9.1E-12	9.1E-12	2.1E-17	1.3E-16
1,2,3,4,6,7,8-HpCDF	1.0E-19	1.1E-16	1.5E-16	4.2E-16	1.2E-15	7.3E-11	1.7E-10	9.2E-12	9.2E-12	2.1E-17	1.3E-16
1,2,3,4,7,8,9-HpCDF	1.6E-20	1.2E-17	1.7E-17	4.9E-17	1.4E-16	9.3E-12	2.1E-11	1.2E-12	1.2E-12	2.4E-18	1.5E-17
1,2,3,4,7,8-HxCDD	1.2E-19	1.2E-17	1.7E-17	4.8E-17	1.3E-16	8.7E-12	2.0E-11	1.1E-12	1.1E-12	2.3E-18	1.4E-17
1,2,3,4,7,8-HxCDF	8.2E-19	9.6E-17	1.3E-16	3.8E-16	1.1E-15	7.1E-11	1.6E-10	8.9E-12	8.9E-12	1.9E-17	1.1E-16
1,2,3,6,7,8-HxCDD	2.3E-19	2.5E-17	3.4E-17	9.7E-17	2.7E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	4.8E-18	2.9E-17
1,2,3,6,7,8-HxCDF	3.0E-19	3.1E-17	4.4E-17	1.2E-16	3.5E-16	2.3E-11	5.3E-11	2.9E-12	2.9E-12	6.1E-18	3.7E-17
1,2,3,7,8,9-HxCDD	3.3E-19	3.9E-17	5.4E-17	1.5E-16	4.3E-16	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.5E-18	4.6E-17
1,2,3,7,8,9-HxCDF	2.5E-20	2.2E-18	3.1E-18	8.9E-18	2.5E-17	1.8E-12	4.1E-12	2.2E-13	2.2E-13	4.3E-19	2.7E-18
1,2,3,7,8-PeCDD	6.3E-19	1.4E-17	1.9E-17	5.4E-17	1.5E-16	1.1E-11	2.6E-11	1.4E-12	1.4E-12	2.6E-18	1.6E-17
1,2,3,7,8-PeCDF	8.8E-19	1.6E-17	2.2E-17	6.3E-17	1.8E-16	1.6E-11	3.6E-11	2.0E-12	2.0E-12	3.1E-18	1.9E-17

Table H-335 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	4.4E-19	4.9E-17	6.9E-17	1.9E-16	5.4E-16	3.6E-11	8.2E-11	4.5E-12	4.5E-12	9.5E-18	5.8E-17
2,3,4,7,8-PeCDF	1.4E-18	3.8E-17	5.4E-17	1.5E-16	4.2E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	7.4E-18	4.6E-17
2,3,7,8-TCDD	2.1E-19	2.8E-18	3.9E-18	1.1E-17	3.1E-17	4.4E-12	1.0E-11	5.6E-13	5.6E-13	3.7E-16	2.3E-15
2,3,7,8-TCDF	6.9E-19	5.1E-18	7.1E-18	2.0E-17	5.6E-17	1.6E-11	3.8E-11	2.0E-12	2.0E-12	9.8E-19	6.0E-18
OCDD	1.4E-21	7.2E-17	1.0E-16	2.8E-16	8.0E-16	4.8E-11	1.1E-10	6.0E-12	6.0E-12	1.4E-17	8.6E-17
OCDF	5.3E-22	2.8E-17	3.9E-17	1.1E-16	3.1E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.4E-18	3.3E-17
DNT											
2,4-Dinitrotoluene		3.4E-08		4.1E-08						2.0E-09	
2,6-Dinitrotoluene		5.5E-08		6.5E-08						3.2E-09	
HCN											
Hydrogen cyanide						1.4E-05	3.1E-05	1.7E-06	1.7E-06		
Metals											
Aluminum				6.7E-04	1.6E-03					3.3E-05	1.8E-04
Antimony	1.3E-18			2.6E-08	1.4E-08	8.9E-07	2.1E-06	1.1E-07	1.1E-07	1.3E-09	1.6E-09
Arsenic	7.0E-17	5.1E-08	1.6E-08	1.2E-07	7.4E-08	5.1E-08	1.2E-07	6.4E-09	6.4E-09	9.9E-09	1.3E-08
Barium	1.9E-13			2.3E-10	6.6E-10	1.1E-05	2.5E-05	1.3E-06	1.3E-06	1.1E-11	7.1E-11
Beryllium	2.8E-18			9.0E-17	2.5E-16	3.7E-09	8.5E-09	4.6E-10	4.6E-10	4.4E-18	2.7E-17
Cadmium	7.2E-16			7.0E-17	2.0E-16	6.5E-08	1.5E-07	8.1E-09	8.1E-09	3.4E-18	2.1E-17
Chromium	2.1E-16			6.1E-12	1.7E-11	5.5E-07	1.3E-06	6.9E-08	6.9E-08	3.0E-13	1.8E-12
Cobalt				1.7E-06	5.4E-06	8.4E-07	1.9E-06	1.1E-07	1.1E-07	8.2E-08	5.9E-07
Copper				2.5E-11	7.0E-11	1.5E-06	3.5E-06	1.9E-07	1.9E-07	1.2E-12	7.5E-12
Iron				1.5E-03	3.7E-03					7.1E-05	4.0E-04
Lead	5.9E-19			8.8E-06	1.2E-05	5.1E-07	1.2E-06	6.4E-08	6.4E-08	4.3E-07	1.3E-06
Manganese				6.8E-14	1.9E-13	4.7E-07	1.1E-06	5.8E-08	5.8E-08	3.3E-15	2.1E-14

Table H-335 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				2.8E-15	7.7E-15	2.0E-09	4.7E-09	2.5E-10	2.5E-10	1.3E-16	8.3E-16
Mercury, elemental				1.3E-09	3.8E-09	8.4E-12	1.9E-11	1.1E-12	1.1E-12	2.5E-06	1.5E-05
Methyl Mercury	7.2E-16			1.6E-16	4.6E-16					8.0E-18	4.9E-17
Nickel	2.8E-16			3.4E-05	1.1E-04	3.0E-07	6.9E-07	3.7E-08	3.7E-08	1.7E-06	1.2E-05
Phosphorus				6.4E-16	1.8E-15	2.3E-06	5.2E-06	2.8E-07	2.8E-07	6.2E-12	3.8E-11
Selenium	2.4E-17			3.5E-18	9.7E-18	1.5E-08	3.5E-08	1.9E-09	1.9E-09	1.7E-19	1.0E-18
Silver	1.7E-17			6.4E-14	1.8E-13	9.8E-09	2.3E-08	1.2E-09	1.2E-09	3.1E-15	1.9E-14
Thallium (Soluble Salts)				9.2E-09						4.5E-10	
Titanium				6.9E-16	1.9E-15	5.2E-09	1.2E-08	6.5E-10	6.5E-10	3.4E-17	2.1E-16
Zinc	3.5E-13			1.6E-14	4.4E-14	1.2E-05	2.7E-05	1.5E-06	1.5E-06	7.7E-16	4.8E-15
NOx											
NOx (Oxides of Nitrogen)						1.3E-04	3.1E-04	1.7E-05	1.7E-05		
PAHs											
1-Methylnaphthalene		2.0E-17	2.9E-17	1.9E-17	5.2E-17	2.8E-06	6.5E-06	3.5E-07	3.5E-07	2.1E-14	1.3E-13
1-Methylphenanthrene				1.2E-14	3.5E-14	3.4E-07	7.8E-07	4.2E-08	4.2E-08	6.1E-16	3.8E-15
2,3,5-Trimethylnaphthalene				5.8E-15	1.6E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	2.9E-16	1.8E-15
2,6-Dimethylnaphthalene				1.6E-14	4.5E-14	4.4E-07	1.0E-06	5.5E-08	5.5E-08	7.8E-16	4.8E-15
2-Methylnaphthalene		2.0E-17	2.8E-17	1.8E-17	5.0E-17	2.7E-06	6.3E-06	3.4E-07	3.4E-07	2.1E-14	1.3E-13
Acenaphthylene				5.1E-14	1.4E-13	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.5E-15	1.5E-14
Acenaphthene	2.9E-16					3.0E-07	6.8E-07	3.7E-08	3.7E-08		
Anthracene	3.7E-15					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Benzo(a)anthracene	5.3E-13	1.3E-08	2.2E-13	1.2E-08	3.9E-13	2.6E-07	5.9E-07	3.2E-08	3.2E-08	1.8E-07	1.1E-06
Benzo(a)pyrene	2.6E-13	2.3E-08	1.1E-08	2.1E-08	2.1E-08	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.0E-09	2.2E-09
Benzo(b)fluoranthene	7.1E-14	4.8E-08	1.0E-08	4.4E-08	1.8E-08	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.2E-09	2.0E-09

Table H-335 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				2.9E-15	8.2E-15	8.6E-08	2.0E-07	1.1E-08	1.1E-08	1.4E-16	8.8E-16
Benzo(g,h,i)perylene				2.2E-15	6.0E-15	6.6E-08	1.5E-07	8.2E-09	8.2E-09	1.1E-16	6.5E-16
Benzo(k)fluoranthene	5.9E-16	3.1E-09	7.1E-15	2.8E-09	1.3E-14	1.0E-09	2.3E-09	1.2E-10	1.2E-10	1.4E-10	1.4E-15
Biphenyl				2.9E-16	8.0E-16	9.5E-06	2.2E-05	1.2E-06	1.2E-06	1.7E-13	1.0E-12
Chrysene	9.1E-14	1.9E-08	2.8E-13	1.8E-08	5.2E-13	4.4E-07	1.0E-06	5.5E-08	5.5E-08	8.6E-10	5.6E-14
Dibenzo(a,h)anthracene	1.3E-14	8.5E-10	3.6E-14	7.7E-10	6.5E-14	1.6E-08	3.7E-08	2.0E-09	2.0E-09	3.8E-11	7.1E-15
Fluoranthene	2.4E-14	5.4E-15	7.6E-15	5.0E-15	1.4E-14	6.4E-07	1.5E-06	8.0E-08	8.0E-08	2.4E-16	1.5E-15
Fluorene	5.2E-15					1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Indeno(1,2,3-cd)pyrene	3.3E-14	1.2E-08	9.9E-14	1.1E-08	1.8E-13	5.3E-08	1.2E-07	6.6E-09	6.6E-09	5.4E-10	2.0E-14
Napthalene	2.4E-15					1.3E-05	2.9E-05	1.6E-06	1.6E-06		
Perylene				1.1E-15	3.2E-15	4.0E-08	9.1E-08	4.9E-09	4.9E-09	5.5E-17	3.4E-16
Phenanthrene	2.5E-14					3.0E-06	6.9E-06	3.8E-07	3.8E-07		
Pyrene	1.7E-14	1.8E-14	2.6E-14	1.7E-14	4.7E-14	6.3E-07	1.4E-06	7.8E-08	7.8E-08	4.7E-13	2.9E-12
Particulate											
Particulate Total Suspended Particulate				2.6E-10	7.2E-10	2.0E-03	4.6E-03	2.5E-04	2.5E-04	1.3E-11	7.7E-11
PM<10				3.3E-10	9.2E-10	2.6E-03	6.1E-03	3.3E-04	3.3E-04	1.6E-11	9.9E-11
PM<2.5				2.7E-10	7.6E-10	2.3E-03	5.2E-03	2.8E-04	2.8E-04	1.3E-11	8.2E-11
PCBs											
Dichlorobiphenyl	5.2E-16	4.9E-17	6.9E-17	4.2E-17	1.2E-16	8.0E-09	1.8E-08	9.9E-10	9.9E-10	3.9E-15	2.4E-14
Heptachlorobiphenyl	2.0E-17	5.7E-18	8.0E-18	4.8E-18	1.4E-17	1.1E-10	2.5E-10	1.4E-11	1.4E-11	2.5E-16	1.5E-15
Hexachlorobiphenyl	8.0E-17	2.6E-17	3.6E-17	2.2E-17	6.1E-17	4.6E-10	1.1E-09	5.7E-11	5.7E-11	1.1E-15	6.8E-15
Monochlorobiphenyl	3.6E-15	3.4E-16	4.8E-16	2.9E-16	8.1E-16	5.5E-08	1.3E-07	6.9E-09	6.9E-09	2.7E-14	1.7E-13
Nonachlorobiphenyl	2.5E-18	1.0E-18	1.4E-18	8.5E-19	2.4E-18	1.5E-11	3.6E-11	1.9E-12	1.9E-12	4.3E-17	2.7E-16
Octachlorobiphenyl	5.8E-18	1.9E-18	2.6E-18	1.6E-18	4.4E-18	3.3E-11	7.7E-11	4.2E-12	4.2E-12	8.0E-17	4.9E-16

Table H-335 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	2.6E-16	9.3E-17	1.3E-16	7.9E-17	2.2E-16	1.6E-09	3.6E-09	2.0E-10	2.0E-10	4.0E-15	2.5E-14
Tetrachlorobiphenyl	1.6E-16	1.9E-17	2.6E-17	1.6E-17	4.5E-17	2.6E-09	6.0E-09	3.2E-10	3.2E-10	1.5E-15	9.2E-15
Trichlorobiphenyl	2.0E-16	2.3E-17	3.2E-17	1.9E-17	5.4E-17	3.3E-09	7.6E-09	4.1E-10	4.1E-10	1.8E-15	1.1E-14
Pesticides											
DDE				4.4E-09	2.4E-08					1.4E-07	8.6E-07
SVOCs											
1,2,4-trichlorobenzene						2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2-dichlorobenzene	2.4E-19					9.3E-09	2.2E-08	1.2E-09	1.2E-09		
1,3-Butadiene						2.7E-03					
1,3-dichlorobenzene	5.9E-19					1.4E-08	3.2E-08	1.7E-09	1.7E-09		
1,4-dichlorobenzene	7.9E-18					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
1,4-Dioxane						6.3E-03					
2,4-Dimethylphenol	2.2E-16					2.0E-06	4.7E-06	2.5E-07	2.5E-07		
2-Chlorophenol	1.1E-17					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
2-Methylphenol	4.5E-15					4.8E-06	1.1E-05	6.0E-07	6.0E-07		
2-Nitrophenol	2.7E-17					6.5E-07	1.5E-06	8.1E-08	8.1E-08		
3-Methylphenol & 4-Methylphenol				3.2E-13	8.8E-13	8.6E-06	2.0E-05	1.1E-06	1.1E-06	1.5E-14	9.5E-14
4-Nitrophenol	5.6E-17					1.1E-06	2.5E-06	1.3E-07	1.3E-07		
Acetophenone	3.4E-16					1.0E-05	2.3E-05	1.3E-06	1.3E-06		
Benzoic acid	1.4E-15					4.6E-05	1.1E-04	5.8E-06	5.8E-06		
Benzyl alcohol	8.4E-19					3.9E-07	8.9E-07	4.8E-08	4.8E-08		
bis(2-Ethylhexyl) phthalate	4.2E-14	5.8E-13	8.0E-13	6.8E-13	1.9E-12	1.6E-05	3.8E-05	2.0E-06	2.0E-06	3.3E-14	2.1E-13
Butyl benzyl phthalate	1.5E-14	2.8E-16	3.9E-16	3.3E-16	9.2E-16	5.1E-07	1.2E-06	6.4E-08	6.4E-08	1.6E-17	1.0E-16
Carbazole				1.2E-15	3.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	5.9E-17	3.6E-16

Table H-335 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Dibenzofuran		1.2E-17	1.7E-17	4.8E-17	1.4E-16	8.2E-07	1.9E-06	1.0E-07	1.0E-07	2.1E-14	1.3E-13
Dimethyl phthalate	5.5E-18					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
Di-n-butyl phthalate	1.4E-13	2.8E-16	3.9E-16	3.3E-16	9.2E-16	7.9E-07	1.8E-06	9.8E-08	9.8E-08	1.6E-17	9.9E-17
Di-n-octyl phthalate	1.1E-18	8.1E-16	1.1E-15	9.5E-16	2.7E-15	5.5E-08	1.3E-07	6.9E-09	6.9E-09	4.7E-17	2.9E-16
Hexachlorobutadiene	5.8E-16					3.8E-06	8.8E-06	4.8E-07	4.8E-07		
Isopropanol						7.0E-02					
Phenol	1.3E-14					2.6E-05	6.0E-05	3.2E-06	3.2E-06		
Pyridine	6.6E-16					2.4E-06	5.7E-06	3.1E-07	3.1E-07		
TRS											
Total Reduced Sulfur						2.5E-05	5.8E-05	3.1E-06	3.1E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.3E-19					1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,1,1-Trichloroethane	1.5E-20					1.1E-08	2.6E-08	1.4E-09	1.4E-09		
1,1-Dichloroethene	5.1E-22					2.2E-09	5.1E-09	2.8E-10	2.8E-10		
1,2,3-Trichlorobenzene	1.6E-17					4.6E-08	1.1E-07	5.7E-09	5.7E-09		
1,2,3-Trichloropropane	9.3E-20					9.3E-09	2.1E-08	1.2E-09	1.2E-09		
1,2,4-Trimethylbenzene						5.3E-07	1.2E-06	6.7E-08	6.7E-08		
1,2-Dibromoethane	3.2E-20					5.9E-09	1.4E-08	7.4E-10	7.4E-10		
1,2-Dichloroethane	1.0E-18					2.9E-03	5.5E-07	8.6E-05	8.6E-05		
1,3,5-Trimethylbenzene	5.2E-18					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
1,3-Dichloropropane						5.7E-09	1.3E-08	7.2E-10	7.2E-10		
2-Butanone	2.1E-16					2.8E-06	6.5E-06	3.5E-07	3.5E-07		
2-Chlorotoluene						1.3E-07	2.9E-07	1.6E-08	1.6E-08		
2-Hexanone						5.8E-07	1.3E-06	7.2E-08	7.2E-08		

Table H-335 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzene	1.7E-16					7.2E-03	1.7E-04	8.3E-04	8.3E-04		
Bromobenzene						3.2E-06	7.4E-06	4.0E-07	4.0E-07		
Bromochloromethane						7.6E-09	1.7E-08	9.4E-10	9.4E-10		
Bromodichloromethane	2.7E-20					8.2E-09	1.9E-08	1.0E-09	1.0E-09		
Bromomethane	1.1E-19					3.3E-07	7.5E-07	4.1E-08	4.1E-08		
Carbon disulfide	1.1E-19					2.9E-07	6.6E-07	3.6E-08	3.6E-08		
Carbon tetrachloride	1.2E-20					1.3E-02	4.3E-08	1.3E-03	1.3E-03		
Chlorobenzene	4.0E-18					4.1E-07	9.5E-07	5.2E-08	5.2E-08		
Chlorodibromomethane	1.6E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
Chloroethane	3.2E-19					7.8E-07	1.8E-06	9.8E-08	9.8E-08		
Chloroform	2.4E-19					2.2E-03	3.9E-07	2.1E-04	2.1E-04		
Chloromethane	8.4E-19					2.7E-06	6.1E-06	3.3E-07	3.3E-07		
cis-1,2-Dichloroethene	3.3E-19					3.4E-07	7.9E-07	4.3E-08	4.3E-08		
cis-1,3-Dichloropropene						2.1E-09	4.8E-09	2.6E-10	2.6E-10		
Dibromomethane	3.6E-20					1.7E-08	4.0E-08	2.2E-09	2.2E-09		
Dichlorodifluoromethane	4.0E-22					2.1E-08	4.9E-08	2.7E-09	2.7E-09		
Ethylbenzene	1.3E-16					8.2E-03	3.9E-05	2.1E-06	2.1E-06		
Isopropylbenzene	1.7E-19					1.4E-06	3.1E-06	1.7E-07	1.7E-07		
m&p-Xylene	2.0E-17					3.1E-06	7.2E-06	3.9E-07	3.9E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.1E-19					3.1E-08	7.1E-08	3.8E-09	3.8E-09		
Methylene chloride	2.2E-18					1.5E-06	3.6E-06	1.9E-07	1.9E-07		
n-Butylbenzene						6.7E-07	1.5E-06	8.3E-08	8.3E-08		
n-Propylbenzene						8.0E-07	1.9E-06	1.0E-07	1.0E-07		
o-Xylene	2.4E-17					2.0E-06	4.5E-06	2.5E-07	2.5E-07		

Table H-335 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
p-Chlorotoluene						4.8E-08	1.1E-07	5.9E-09	5.9E-09		
p-Isopropyltoluene						3.3E-07	7.6E-07	4.1E-08	4.1E-08		
sec-Butylbenzene						1.2E-07	2.8E-07	1.5E-08	1.5E-08		
Styrene	8.0E-16					4.4E-05	1.0E-04	5.5E-06	5.5E-06		
tert-Butylbenzene						3.9E-06	9.0E-06	4.9E-07	4.9E-07		
Tetrachloroethene	5.7E-20					1.0E-08	2.4E-08	1.3E-09	1.3E-09		
Toluene	1.3E-16					2.7E-05	6.2E-05	3.4E-06	3.4E-06		
trans-1,2-Dichloroethene	5.0E-18					7.2E-06	1.7E-05	9.1E-07	9.1E-07		
trans-1,3-Dichloropropene						3.6E-09	8.4E-09	4.5E-10	4.5E-10		
Trichloroethene	5.8E-22					3.9E-04	1.4E-09	7.8E-11	7.8E-11		
Trichlorofluoromethane	9.0E-22					7.5E-09	1.7E-08	9.4E-10	9.4E-10		
Vinyl chloride	4.1E-20					4.2E-07	9.8E-07	5.3E-08	5.3E-08		

Table H-336 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					5.7E-03	2.7E-02	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19	
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19	
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18	
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19	
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19	
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19	
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20	
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19	
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19	

Table H-336 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
DNT											
2,4-Dinitrotoluene		4.0E-07		4.7E-07						2.3E-11	
2,6-Dinitrotoluene		6.4E-07		7.6E-07						3.7E-11	
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				7.9E-03	1.9E-02					3.9E-07	2.1E-06
Antimony	1.6E-17			3.0E-07	1.7E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.5E-11	1.8E-11
Arsenic	8.1E-16	6.0E-07	1.8E-07	1.4E-06	8.6E-07	5.9E-10	1.4E-09	7.4E-11	7.4E-11	1.2E-10	1.6E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				1.9E-05	6.4E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	9.5E-10	6.9E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				1.7E-02	4.3E-02					8.3E-07	4.7E-06
Lead	6.9E-18			1.0E-04	1.4E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.0E-09	1.6E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16

Table H-336 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				1.5E-08	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	2.9E-08	1.8E-07
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18
Nickel	3.3E-15			4.0E-04	1.3E-03	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.0E-08	1.4E-07
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Thallium (Soluble Salts)				1.1E-07						5.2E-12	
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	1.6E-07	2.8E-12	1.4E-07	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	2.1E-09	1.3E-08
Benzo(a)pyrene	3.1E-12	2.6E-07	1.3E-07	2.4E-07	2.4E-07	1.2E-09	2.7E-09	1.5E-10	1.5E-10	1.2E-11	2.6E-11
Benzo(b)fluoranthene	8.3E-13	5.7E-07	1.2E-07	5.1E-07	2.2E-07	1.3E-09	3.0E-09	1.6E-10	1.6E-10	2.5E-11	2.3E-11

Table H-336 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	3.6E-08	1.1E-13	3.3E-08	2.0E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.6E-12	2.2E-17
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.3E-07	3.8E-12	2.1E-07	7.0E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.0E-11	7.5E-16
Dibenze(a,h)anthracene	1.6E-13	9.9E-09	4.8E-13	9.0E-09	8.7E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	4.4E-13	9.4E-17
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.4E-07	1.3E-12	1.3E-07	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	6.3E-12	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17

Table H-336 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16
Pesticides											
DDE				5.1E-08	2.8E-07					1.6E-09	1.0E-08
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						3.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
1,4-Dioxane						7.3E-05					
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18

Table H-336 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						8.2E-04					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					3.4E-05	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		

Table H-336 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Benzene	2.0E-15					8.4E-05	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.5E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					2.5E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					9.6E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		

Table H-336 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					4.6E-06	1.7E-11	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10		

Table H-337 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						7.2E-05	2.6E-03	9.0E-06	8.5E-04		
Aldehydes											
Acetaldehyde	7.9E-15					1.2E-04	4.4E-03	1.6E-05	1.5E-03		
Formaldehyde	3.9E-14					4.9E-01	1.7E-03	6.6E-06	5.8E-04		
Propionaldehyde				1.9E-16	6.2E-15	1.4E-05	4.9E-04	1.7E-06	1.6E-04	1.4E-12	1.0E-10
CO											
Carbon monoxide						3.8E-03	1.4E-01	4.8E-04	4.8E-02		
CO2											
Carbon dioxide						1.2E-04	4.3E-03	1.5E-05	1.4E-03		
Criteria											
Sulfur Dioxide						3.2E-05	1.0E-03	4.1E-06	3.5E-04		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.1E-19	1.1E-16	2.0E-15	4.2E-16	1.6E-14	7.3E-11	2.9E-09	9.1E-12	9.7E-10	2.1E-17	1.7E-15
1,2,3,4,6,7,8-HpCDF	1.0E-19	1.1E-16	2.0E-15	4.2E-16	1.6E-14	7.3E-11	2.9E-09	9.2E-12	9.7E-10	2.1E-17	1.7E-15
1,2,3,4,7,8,9-HpCDF	1.6E-20	1.2E-17	2.4E-16	4.9E-17	1.9E-15	9.3E-12	3.8E-10	1.2E-12	1.3E-10	2.4E-18	2.1E-16
1,2,3,4,7,8-HxCDD	1.2E-19	1.2E-17	2.3E-16	4.8E-17	1.8E-15	8.7E-12	3.5E-10	1.1E-12	1.2E-10	2.3E-18	2.0E-16
1,2,3,4,7,8-HxCDF	8.2E-19	9.6E-17	1.8E-15	3.8E-16	1.5E-14	7.1E-11	2.9E-09	8.9E-12	9.6E-10	1.9E-17	1.6E-15
1,2,3,6,7,8-HxCDD	2.3E-19	2.5E-17	4.8E-16	9.7E-17	3.8E-15	1.8E-11	7.4E-10	2.3E-12	2.5E-10	4.8E-18	4.1E-16
1,2,3,6,7,8-HxCDF	3.0E-19	3.1E-17	6.1E-16	1.2E-16	4.8E-15	2.3E-11	9.4E-10	2.9E-12	3.1E-10	6.1E-18	5.2E-16
1,2,3,7,8,9-HxCDD	3.3E-19	3.9E-17	7.5E-16	1.5E-16	5.9E-15	2.8E-11	1.1E-09	3.5E-12	3.8E-10	7.5E-18	6.4E-16
1,2,3,7,8,9-HxCDF	2.5E-20	2.2E-18	4.4E-17	8.9E-18	3.5E-16	1.8E-12	7.2E-11	2.2E-13	2.4E-11	4.3E-19	3.8E-17
1,2,3,7,8-PeCDD	6.3E-19	1.4E-17	2.7E-16	5.4E-17	2.1E-15	1.1E-11	4.5E-10	1.4E-12	1.5E-10	2.6E-18	2.3E-16
1,2,3,7,8-PeCDF	8.8E-19	1.6E-17	3.2E-16	6.3E-17	2.5E-15	1.6E-11	6.5E-10	2.0E-12	2.2E-10	3.1E-18	2.7E-16

Table H-337 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	4.4E-19	4.9E-17	9.3E-16	1.9E-16	7.3E-15	3.6E-11	1.4E-09	4.5E-12	4.8E-10	9.5E-18	7.9E-16
2,3,4,7,8-PeCDF	1.4E-18	3.8E-17	7.5E-16	1.5E-16	6.0E-15	3.5E-11	1.4E-09	4.4E-12	4.8E-10	7.4E-18	6.4E-16
2,3,7,8-TCDD	2.1E-19	2.8E-18	4.0E-17	1.1E-17	3.2E-16	4.4E-12	1.5E-10	5.6E-13	5.0E-11	3.7E-16	2.4E-14
2,3,7,8-TCDF	6.9E-19	5.1E-18	1.0E-16	2.0E-17	8.0E-16	1.6E-11	6.7E-10	2.0E-12	2.2E-10	9.8E-19	8.6E-17
OCDD	1.4E-21	7.2E-17	1.3E-15	2.8E-16	1.0E-14	4.8E-11	1.9E-09	6.0E-12	6.4E-10	1.4E-17	1.1E-15
OCDF	5.3E-22	2.8E-17	5.0E-16	1.1E-16	3.9E-15	1.8E-11	7.0E-10	2.3E-12	2.3E-10	5.4E-18	4.2E-16
DNT											
2,4-Dinitrotoluene		3.4E-08		4.1E-08						2.0E-09	
2,6-Dinitrotoluene		5.5E-08		6.5E-08						3.2E-09	
HCN											
Hydrogen cyanide						1.4E-05	5.3E-04	1.7E-06	1.8E-04		
Metals											
Aluminum				6.7E-04						3.3E-05	
Antimony	1.3E-18			2.6E-08		8.9E-07	2.2E-05	1.1E-07	7.4E-06	1.3E-09	
Arsenic	7.0E-17	5.1E-08	4.1E-18	1.2E-07	2.0E-17	5.1E-08	1.8E-06	6.4E-09	6.0E-07	9.9E-09	3.5E-18
Barium	1.9E-13			2.3E-10	8.1E-09	1.1E-05	2.9E-04	1.3E-06	9.7E-05	1.1E-11	8.7E-10
Beryllium	2.8E-18			9.0E-17	3.4E-15	3.7E-09	1.2E-07	4.6E-10	4.1E-08	4.4E-18	3.6E-16
Cadmium	7.2E-16			7.0E-17	2.7E-15	6.5E-08	2.3E-06	8.1E-09	7.6E-07	3.4E-18	2.9E-16
Chromium	2.1E-16			6.1E-12	2.4E-10	5.5E-07	2.0E-05	6.9E-08	6.6E-06	3.0E-13	2.6E-11
Cobalt				1.7E-06	7.5E-10	8.4E-07	1.5E-05	1.1E-07	5.1E-06	8.2E-08	8.1E-11
Copper				2.5E-11	9.5E-10	1.5E-06	5.2E-05	1.9E-07	1.7E-05	1.2E-12	1.0E-10
Iron				1.5E-03						7.1E-05	
Lead	5.9E-19			8.8E-06	3.3E-13	5.1E-07	1.7E-05	6.4E-08	5.6E-06	4.3E-07	3.5E-14
Manganese				6.8E-14	2.6E-12	4.7E-07	1.6E-05	5.8E-08	5.4E-06	3.3E-15	2.8E-13

Table H-337 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				2.8E-15	8.5E-14	2.0E-09	7.1E-08	2.5E-10	2.4E-08	1.3E-16	9.2E-15
Mercury, elemental				1.3E-09		8.4E-12	3.0E-10	1.1E-12	9.9E-11	2.5E-06	
Methyl Mercury	7.2E-16			1.6E-16	6.3E-15					8.0E-18	6.8E-16
Nickel	2.8E-16			3.4E-05	1.3E-14	3.0E-07	1.0E-05	3.7E-08	3.4E-06	1.7E-06	1.4E-15
Phosphorus				6.4E-16	2.4E-14	2.3E-06	7.4E-05	2.8E-07	2.5E-05	6.2E-12	5.0E-10
Selenium	2.4E-17			3.5E-18	1.3E-16	1.5E-08	5.2E-07	1.9E-09	1.7E-07	1.7E-19	1.4E-17
Silver	1.7E-17			6.4E-14	2.4E-12	9.8E-09	3.2E-07	1.2E-09	1.1E-07	3.1E-15	2.6E-13
Thallium (Soluble Salts)				9.2E-09						4.5E-10	
Titanium				6.9E-16	2.8E-14	5.2E-09	2.0E-07	6.5E-10	6.5E-08	3.4E-17	3.0E-15
Zinc	3.5E-13			1.6E-14	5.6E-13	1.2E-05	3.4E-04	1.5E-06	1.1E-04	7.7E-16	6.0E-14
NOx											
NOx (Oxides of Nitrogen)						1.3E-04	4.5E-03	1.7E-05	1.5E-03		
PAHs											
1-Methylnaphthalene		2.0E-17	4.2E-16	1.9E-17	7.6E-16	2.8E-06	1.2E-04	3.5E-07	3.9E-05	2.1E-14	1.9E-12
1-Methylphenanthrene				1.2E-14	5.2E-13	3.4E-07	1.4E-05	4.2E-08	4.7E-06	6.1E-16	5.6E-14
2,3,5-Trimethylnaphthalene				5.8E-15	2.5E-13	1.7E-07	7.2E-06	2.1E-08	2.4E-06	2.9E-16	2.7E-14
2,6-Dimethylnaphthalene				1.6E-14	6.7E-13	4.4E-07	1.9E-05	5.5E-08	6.2E-06	7.8E-16	7.3E-14
2-Methylnaphthalene		2.0E-17	4.0E-16	1.8E-17	7.4E-16	2.7E-06	1.1E-04	3.4E-07	3.8E-05	2.1E-14	1.9E-12
Acenaphthylene				5.1E-14	2.2E-12	1.6E-06	6.8E-05	2.0E-07	2.3E-05	2.5E-15	2.3E-13
Acenaphthene	2.9E-16					3.0E-07	1.2E-05	3.7E-08	4.1E-06		
Anthracene	3.7E-15					5.2E-07	2.2E-05	6.5E-08	7.3E-06		
Benzo(a)anthracene	5.3E-13	1.3E-08	3.4E-12	1.2E-08	6.3E-12	2.6E-07	1.1E-05	3.2E-08	3.7E-06	1.8E-07	2.1E-10
Benzo(a)pyrene	2.6E-13	2.3E-08	1.5E-12	2.1E-08	2.6E-12	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.0E-09	2.9E-13
Benzo(b)fluoranthene	7.1E-14	4.8E-08	7.9E-14	4.4E-08	1.4E-13	1.1E-07	4.5E-06	1.4E-08	1.5E-06	2.2E-09	1.5E-14

Table H-337 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				2.9E-15	1.1E-13	8.6E-08	3.5E-06	1.1E-08	1.2E-06	1.4E-16	1.2E-14
Benzo(g,h,i)perylene				2.2E-15	8.7E-14	6.6E-08	2.7E-06	8.2E-09	9.1E-07	1.1E-16	9.4E-15
Benzo(k)fluoranthene	5.9E-16	3.1E-09	4.7E-14	2.8E-09	8.6E-14	1.0E-09	1.8E-08	1.2E-10	5.9E-09	1.4E-10	9.2E-15
Biphenyl				2.9E-16	1.2E-14	9.5E-06	4.0E-04	1.2E-06	1.3E-04	1.7E-13	1.5E-11
Chrysene	9.1E-14	1.9E-08	4.1E-12	1.8E-08	7.5E-12	4.4E-07	1.8E-05	5.5E-08	6.0E-06	8.6E-10	8.1E-13
Dibenze(a,h)anthracene	1.3E-14	8.5E-10	5.1E-13	7.7E-10	9.3E-13	1.6E-08	6.5E-07	2.0E-09	2.2E-07	3.8E-11	1.0E-13
Fluoranthene	2.4E-14	5.4E-15	1.1E-13	5.0E-15	2.0E-13	6.4E-07	2.7E-05	8.0E-08	8.9E-06	2.4E-16	2.2E-14
Fluorene	5.2E-15					1.6E-06	6.8E-05	2.0E-07	2.3E-05		
Indeno(1,2,3-cd)pyrene	3.3E-14	1.2E-08	1.4E-12	1.1E-08	2.6E-12	5.3E-08	2.2E-06	6.6E-09	7.3E-07	5.4E-10	2.8E-13
Napthalene	2.4E-15					1.3E-05	5.3E-04	1.6E-06	1.8E-04		
Perylene				1.1E-15	5.3E-14	4.0E-08	1.7E-06	4.9E-09	5.8E-07	5.5E-17	5.7E-15
Phenanthrene	2.5E-14					3.0E-06	1.2E-04	3.8E-07	4.1E-05		
Pyrene	1.7E-14	1.8E-14	3.8E-13	1.7E-14	6.9E-13	6.3E-07	2.6E-05	7.8E-08	8.7E-06	4.7E-13	4.2E-11
Particulate											
Particulate Total Suspended Particulate				2.6E-10	1.0E-08	2.0E-03	7.7E-02	2.5E-04	2.6E-02	1.3E-11	1.1E-09
PM<10				3.3E-10	1.4E-08	2.6E-03	1.0E-01	3.3E-04	3.5E-02	1.6E-11	1.5E-09
PM<2.5				2.7E-10	1.1E-08	2.3E-03	9.0E-02	2.8E-04	3.0E-02	1.3E-11	1.2E-09
PCBs											
Dichlorobiphenyl	5.2E-16	4.9E-17	9.8E-16	4.2E-17	1.7E-15	8.0E-09	3.3E-07	9.9E-10	1.1E-07	3.9E-15	3.4E-13
Heptachlorobiphenyl	2.0E-17	5.7E-18	1.1E-16	4.8E-18	1.9E-16	1.1E-10	4.4E-09	1.4E-11	1.5E-09	2.5E-16	2.1E-14
Hexachlorobiphenyl	8.0E-17	2.6E-17	4.6E-16	2.2E-17	7.9E-16	4.6E-10	1.8E-08	5.7E-11	5.9E-09	1.1E-15	8.8E-14
Monochlorobiphenyl	3.6E-15	3.4E-16	6.8E-15	2.9E-16	1.2E-14	5.5E-08	2.3E-06	6.9E-09	7.6E-07	2.7E-14	2.4E-12
Nonachlorobiphenyl	2.5E-18	1.0E-18	1.6E-17	8.5E-19	2.7E-17	1.5E-11	5.5E-10	1.9E-12	1.8E-10	4.3E-17	3.0E-15
Octachlorobiphenyl	5.8E-18	1.9E-18	3.4E-17	1.6E-18	5.7E-17	3.3E-11	1.3E-09	4.2E-12	4.3E-10	8.0E-17	6.4E-15

Table H-337 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	2.6E-16	9.3E-17	1.6E-15	7.9E-17	2.7E-15	1.6E-09	5.9E-08	2.0E-10	2.0E-08	4.0E-15	3.0E-13
Tetrachlorobiphenyl	1.6E-16	1.9E-17	3.2E-16	1.6E-17	5.4E-16	2.6E-09	9.7E-08	3.2E-10	3.2E-08	1.5E-15	1.1E-13
Trichlorobiphenyl	2.0E-16	2.3E-17	4.0E-16	1.9E-17	6.8E-16	3.3E-09	1.3E-07	4.1E-10	4.2E-08	1.8E-15	1.4E-13
Pesticides											
DDE				4.4E-09						1.4E-07	
SVOCs											
1,2,4-trichlorobenzene						2.3E-08	7.4E-07	2.9E-09	2.5E-07		
1,2-dichlorobenzene	2.4E-19					9.3E-09	1.7E-07	1.2E-09	5.5E-08		
1,3-Butadiene						2.7E-03					
1,3-dichlorobenzene	5.9E-19					1.4E-08	4.7E-07	1.7E-09	1.6E-07		
1,4-dichlorobenzene	7.9E-18					1.3E-07	5.8E-06	1.6E-08	1.9E-06		
1,4-Dioxane						6.3E-03					
2,4-Dimethylphenol	2.2E-16					2.0E-06	8.1E-05	2.5E-07	2.7E-05		
2-Chlorophenol	1.1E-17					4.1E-07	1.8E-05	5.1E-08	5.9E-06		
2-Methylphenol	4.5E-15					4.8E-06	2.0E-04	6.0E-07	6.7E-05		
2-Nitrophenol	2.7E-17					6.5E-07	2.7E-05	8.1E-08	8.9E-06		
3-Methylphenol & 4-Methylphenol				3.2E-13	1.3E-11	8.6E-06	3.6E-04	1.1E-06	1.2E-04	1.5E-14	1.4E-12
4-Nitrophenol	5.6E-17					1.1E-06	4.1E-05	1.3E-07	1.4E-05		
Acetophenone	3.4E-16					1.0E-05	4.2E-04	1.3E-06	1.4E-04		
Benzoic acid	1.4E-15					4.6E-05	1.9E-03	5.8E-06	6.4E-04		
Benzyl alcohol	8.4E-19					3.9E-07	1.2E-05	4.8E-08	3.9E-06		
bis(2-Ethylhexyl) phthalate	4.2E-14	5.8E-13	1.0E-11	6.8E-13	2.4E-11	1.6E-05	6.3E-04	2.0E-06	2.1E-04	3.3E-14	2.6E-12
Butyl benzyl phthalate	1.5E-14	2.8E-16	5.7E-15	3.3E-16	1.3E-14	5.1E-07	2.1E-05	6.4E-08	7.1E-06	1.6E-17	1.5E-15
Carbazole				1.2E-15	2.2E-14	1.4E-08	2.6E-07	1.8E-09	8.6E-08	5.9E-17	2.4E-15

Table H-337 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Dibenzofuran		1.2E-17	2.5E-16	4.8E-17	1.9E-15	8.2E-07	3.4E-05	1.0E-07	1.1E-05	2.1E-14	1.8E-12
Dimethyl phthalate	5.5E-18					2.9E-08	5.1E-07	3.6E-09	1.7E-07		
Di-n-butyl phthalate	1.4E-13	2.8E-16	5.7E-15	3.3E-16	1.4E-14	7.9E-07	3.3E-05	9.8E-08	1.1E-05	1.6E-17	1.5E-15
Di-n-octyl phthalate	1.1E-18	8.1E-16	7.4E-15	9.5E-16	1.8E-14	5.5E-08	9.8E-07	6.9E-09	3.3E-07	4.7E-17	1.9E-15
Hexachlorobutadiene	5.8E-16					3.8E-06	6.8E-05	4.8E-07	2.3E-05		
Isopropanol						7.0E-02					
Phenol	1.3E-14					2.6E-05	1.1E-03	3.2E-06	3.6E-04		
Pyridine	6.6E-16					2.4E-06	1.0E-04	3.1E-07	3.4E-05		
TRS											
Total Reduced Sulfur						2.5E-05	1.1E-03	3.1E-06	3.6E-04		
VOCs											
1,1,1,2-Tetrachloroethane	2.3E-19					1.2E-08	3.9E-07	1.4E-09	1.3E-07		
1,1,1-Trichloroethane	1.5E-20					1.1E-08	4.3E-07	1.4E-09	1.4E-07		
1,1-Dichloroethene	5.1E-22					2.2E-09	4.0E-08	2.8E-10	1.3E-08		
1,2,3-Trichlorobenzene	1.6E-17					4.6E-08	1.7E-06	5.7E-09	5.7E-07		
1,2,3-Trichloropropane	9.3E-20					9.3E-09	1.7E-07	1.2E-09	5.5E-08		
1,2,4-Trimethylbenzene						5.3E-07	1.7E-05	6.7E-08	5.6E-06		
1,2-Dibromoethane	3.2E-20					5.9E-09	1.1E-07	7.4E-10	3.5E-08		
1,2-Dichloroethane	1.0E-18					2.9E-03	9.0E-06	8.6E-05	3.0E-06		
1,3,5-Trimethylbenzene	5.2E-18					5.0E-07	1.5E-05	6.3E-08	5.0E-06		
1,3-Dichloropropane						5.7E-09	1.0E-07	7.2E-10	3.4E-08		
2-Butanone	2.1E-16					2.8E-06	1.1E-04	3.5E-07	3.7E-05		
2-Chlorotoluene						1.3E-07	5.2E-06	1.6E-08	1.7E-06		
2-Hexanone						5.8E-07	2.1E-05	7.2E-08	7.0E-06		

Table H-337 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Benzene	1.7E-16					7.2E-03	2.9E-03	8.3E-04	9.7E-04		
Bromobenzene						3.2E-06	5.7E-05	4.0E-07	1.9E-05		
Bromochloromethane						7.6E-09	1.3E-07	9.4E-10	4.5E-08		
Bromodichloromethane	2.7E-20					8.2E-09	1.5E-07	1.0E-09	4.9E-08		
Bromomethane	1.1E-19					3.3E-07	9.8E-06	4.1E-08	3.3E-06		
Carbon disulfide	1.1E-19					2.9E-07	8.4E-06	3.6E-08	2.8E-06		
Carbon tetrachloride	1.2E-20					1.3E-02	3.3E-07	1.3E-03	1.1E-07		
Chlorobenzene	4.0E-18					4.1E-07	1.5E-05	5.2E-08	4.9E-06		
Chlorodibromomethane	1.6E-18					2.0E-07	3.6E-06	2.5E-08	1.2E-06		
Chloroethane	3.2E-19					7.8E-07	2.7E-05	9.8E-08	9.1E-06		
Chloroform	2.4E-19					2.2E-03	3.3E-06	2.1E-04	1.1E-06		
Chloromethane	8.4E-19					2.7E-06	8.0E-05	3.3E-07	2.7E-05		
cis-1,2-Dichloroethene	3.3E-19					3.4E-07	6.1E-06	4.3E-08	2.0E-06		
cis-1,3-Dichloropropene						2.1E-09	3.7E-08	2.6E-10	1.2E-08		
Dibromomethane	3.6E-20					1.7E-08	3.1E-07	2.2E-09	1.0E-07		
Dichlorodifluoromethane	4.0E-22					2.1E-08	3.8E-07	2.7E-09	1.3E-07		
Ethylbenzene	1.3E-16					8.2E-03	6.3E-04	2.1E-06	2.1E-04		
Isopropylbenzene	1.7E-19					1.4E-06	4.6E-05	1.7E-07	1.5E-05		
m&p-Xylene	2.0E-17					3.1E-06	1.1E-04	3.9E-07	3.5E-05		
Methyl Isobutyl Ketone (4-methyl-2-per	2.1E-19					3.1E-08	5.4E-07	3.8E-09	1.8E-07		
Methylene chloride	2.2E-18					1.5E-06	5.7E-05	1.9E-07	1.9E-05		
n-Butylbenzene						6.7E-07	2.0E-05	8.3E-08	6.6E-06		
n-Propylbenzene						8.0E-07	2.6E-05	1.0E-07	8.8E-06		
o-Xylene	2.4E-17					2.0E-06	6.5E-05	2.5E-07	2.2E-05		

Table H-337 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
p-Chlorotoluene						4.8E-08	1.4E-06	5.9E-09	4.8E-07		
p-Isopropyltoluene						3.3E-07	7.9E-06	4.1E-08	2.6E-06		
sec-Butylbenzene						1.2E-07	3.7E-06	1.5E-08	1.2E-06		
Styrene	8.0E-16					4.4E-05	1.6E-03	5.5E-06	5.3E-04		
tert-Butylbenzene						3.9E-06	7.0E-05	4.9E-07	2.3E-05		
Tetrachloroethene	5.7E-20					1.0E-08	3.6E-07	1.3E-09	1.2E-07		
Toluene	1.3E-16					2.7E-05	1.1E-03	3.4E-06	3.5E-04		
trans-1,2-Dichloroethene	5.0E-18					7.2E-06	1.3E-04	9.1E-07	4.3E-05		
trans-1,3-Dichloropropene						3.6E-09	6.5E-08	4.5E-10	2.2E-08		
Trichloroethene	5.8E-22					3.9E-04	1.1E-08	7.8E-11	3.7E-09		
Trichlorofluoromethane	9.0E-22					7.5E-09	1.3E-07	9.4E-10	4.4E-08		
Vinyl chloride	4.1E-20					4.2E-07	1.0E-05	5.3E-08	3.4E-06		

Table H-338 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	3.0E-05	1.0E-07	9.9E-06			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	5.2E-05	1.8E-07	1.7E-05			
Formaldehyde	4.5E-13					5.7E-03	2.0E-05	7.7E-08	6.8E-06			
Propionaldehyde				2.2E-15	7.2E-14	1.6E-07	5.8E-06	2.0E-08	1.9E-06	1.7E-14	1.2E-12	
CO												
Carbon monoxide						4.5E-05	1.7E-03	5.6E-06	5.6E-04			
CO2												
Carbon dioxide						1.4E-06	5.0E-05	1.8E-07	1.7E-05			
Criteria												
Sulfur Dioxide						3.8E-07	1.2E-05	4.7E-08	4.1E-06			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	4.0E-14	8.5E-15	3.2E-13	8.5E-13	3.4E-11	1.1E-13	1.1E-11	4.2E-19	3.4E-17	
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	4.1E-14	8.6E-15	3.2E-13	8.6E-13	3.4E-11	1.1E-13	1.1E-11	4.2E-19	3.5E-17	
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	4.9E-15	9.9E-16	3.9E-14	1.1E-13	4.4E-12	1.4E-14	1.5E-12	4.8E-20	4.2E-18	
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	4.7E-15	9.7E-16	3.7E-14	1.0E-13	4.1E-12	1.3E-14	1.4E-12	4.7E-20	4.0E-18	
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	3.8E-14	7.7E-15	3.0E-13	8.3E-13	3.3E-11	1.0E-13	1.1E-11	3.8E-19	3.2E-17	
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	9.7E-15	2.0E-15	7.7E-14	2.1E-13	8.7E-12	2.7E-14	2.9E-12	9.7E-20	8.3E-18	
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	1.2E-14	2.5E-15	9.8E-14	2.7E-13	1.1E-11	3.4E-14	3.6E-12	1.2E-19	1.1E-17	
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.5E-14	3.1E-15	1.2E-13	3.2E-13	1.3E-11	4.1E-14	4.4E-12	1.5E-19	1.3E-17	
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	8.9E-16	1.8E-16	7.1E-15	2.1E-14	8.4E-13	2.6E-15	2.8E-13	8.8E-21	7.6E-19	
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	5.4E-15	1.1E-15	4.3E-14	1.3E-13	5.3E-12	1.6E-14	1.8E-12	5.4E-20	4.6E-18	
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	6.4E-15	1.3E-15	5.1E-14	1.8E-13	7.5E-12	2.3E-14	2.5E-12	6.3E-20	5.5E-18	

Table H-338 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.9E-14	3.9E-15	1.5E-13	4.2E-13	1.7E-11	5.2E-14	5.6E-12	1.9E-19	1.6E-17
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.5E-14	3.1E-15	1.2E-13	4.1E-13	1.7E-11	5.2E-14	5.6E-12	1.5E-19	1.3E-17
2,3,7,8-TCDD	2.7E-18	5.5E-17	8.0E-16	2.2E-16	6.3E-15	5.2E-14	1.7E-12	6.5E-15	5.8E-13	7.4E-18	4.7E-16
2,3,7,8-TCDF	8.2E-18	1.0E-16	2.0E-15	4.0E-16	1.6E-14	1.9E-13	7.8E-12	2.4E-14	2.6E-12	2.0E-20	1.7E-18
OCDD	2.5E-20	1.5E-15	2.7E-14	5.8E-15	2.1E-13	5.6E-13	2.2E-11	7.0E-14	7.4E-12	2.8E-19	2.3E-17
OCDF	9.3E-21	5.7E-16	1.0E-14	2.2E-15	8.0E-14	2.1E-13	8.2E-12	2.6E-14	2.7E-12	1.1E-19	8.6E-18
DNT											
2,4-Dinitrotoluene		4.0E-07		4.7E-07						2.3E-11	
2,6-Dinitrotoluene		6.4E-07		7.6E-07						3.7E-11	
HCN											
Hydrogen cyanide						1.6E-07	6.2E-06	2.0E-08	2.1E-06		
Metals											
Aluminum				7.9E-03						3.9E-07	
Antimony	1.6E-17			3.0E-07		1.0E-08	2.6E-07	1.3E-09	8.6E-08	1.5E-11	
Arsenic	8.1E-16	6.0E-07	4.8E-17	1.4E-06	2.3E-16	5.9E-10	2.1E-08	7.4E-11	7.0E-09	1.2E-10	4.1E-20
Barium	2.7E-12			4.4E-09	1.5E-07	1.3E-07	3.4E-06	1.6E-08	1.1E-06	2.1E-13	1.6E-11
Beryllium	3.3E-17			1.0E-15	3.9E-14	4.3E-11	1.5E-09	5.4E-12	4.8E-10	5.1E-20	4.3E-18
Cadmium	8.3E-15			8.2E-16	3.1E-14	7.6E-10	2.6E-08	9.5E-11	8.8E-09	4.0E-20	3.4E-18
Chromium	2.8E-15			9.6E-11	3.7E-09	6.5E-09	2.3E-07	8.1E-10	7.7E-08	4.7E-15	4.0E-13
Cobalt				1.9E-05	1.4E-08	9.8E-09	1.8E-07	1.2E-09	6.0E-08	9.5E-10	1.5E-12
Copper				4.5E-10	1.7E-08	1.8E-08	6.1E-07	2.2E-09	2.0E-07	2.2E-14	1.8E-12
Iron				1.7E-02						8.3E-07	
Lead	6.9E-18			1.0E-04	3.8E-12	6.0E-09	2.0E-07	7.5E-10	6.5E-08	5.0E-09	4.1E-16
Manganese				8.0E-13	3.1E-11	5.5E-09	1.9E-07	6.8E-10	6.3E-08	3.9E-17	3.3E-15

Table H-338 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Mercury (+2)				6.4E-14	2.0E-12	2.4E-11	8.3E-10	2.9E-12	2.8E-10	3.1E-18	2.1E-16
Mercury, elemental				1.5E-08		9.8E-14	3.5E-12	1.2E-14	1.2E-12	2.9E-08	
Methyl Mercury	1.3E-14			3.8E-15	1.5E-13					1.9E-19	1.6E-17
Nickel	3.3E-15			4.0E-04	1.6E-13	3.5E-09	1.2E-07	4.3E-10	4.0E-08	2.0E-08	1.7E-17
Phosphorus				7.5E-15	2.8E-13	2.6E-08	8.6E-07	3.3E-09	2.9E-07	7.2E-14	5.9E-12
Selenium	2.8E-16			4.0E-17	1.6E-15	1.7E-10	6.1E-09	2.2E-11	2.0E-09	2.0E-21	1.7E-19
Silver	2.1E-16			8.5E-13	3.2E-11	1.1E-10	3.7E-09	1.4E-11	1.2E-09	4.2E-17	3.4E-15
Thallium (Soluble Salts)				1.1E-07						5.2E-12	
Titanium				8.0E-15	3.2E-13	6.1E-11	2.3E-09	7.6E-12	7.6E-10	3.9E-19	3.5E-17
Zinc	4.1E-12			1.8E-13	6.5E-12	1.4E-07	3.9E-06	1.7E-08	1.3E-06	9.0E-18	7.0E-16
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	5.2E-05	2.0E-07	1.7E-05		
PAHs											
1-Methylnaphthalene		2.4E-16	4.9E-15	2.2E-16	8.9E-15	3.3E-08	1.4E-06	4.1E-09	4.6E-07	2.5E-16	2.2E-14
1-Methylphenanthrene				1.5E-13	6.0E-12	3.9E-09	1.7E-07	4.9E-10	5.5E-08	7.1E-18	6.5E-16
2,3,5-Trimethylnaphthalene				6.8E-14	3.0E-12	1.9E-09	8.4E-08	2.4E-10	2.8E-08	3.3E-18	3.2E-16
2,6-Dimethylnaphthalene				1.9E-13	7.9E-12	5.1E-09	2.2E-07	6.4E-10	7.3E-08	9.1E-18	8.5E-16
2-Methylnaphthalene		2.3E-16	4.7E-15	2.1E-16	8.6E-15	3.2E-08	1.3E-06	4.0E-09	4.4E-07	2.4E-16	2.2E-14
Acenaphthylene				6.0E-13	2.5E-11	1.9E-08	8.0E-07	2.4E-09	2.7E-07	2.9E-17	2.7E-15
Acenaphthene	3.4E-15					3.5E-09	1.4E-07	4.3E-10	4.8E-08		
Anthracene	4.3E-14					6.1E-09	2.6E-07	7.6E-10	8.6E-08		
Benzo(a)anthracene	6.2E-12	1.6E-07	4.4E-11	1.4E-07	8.0E-11	3.0E-09	1.3E-07	3.7E-10	4.3E-08	2.1E-09	2.7E-12
Benzo(a)pyrene	3.1E-12	2.6E-07	1.8E-11	2.4E-07	3.3E-11	1.2E-09	4.9E-08	1.5E-10	1.6E-08	1.2E-11	3.6E-15
Benzo(b)fluoranthene	8.3E-13	5.7E-07	1.0E-12	5.1E-07	1.8E-12	1.3E-09	5.3E-08	1.6E-10	1.8E-08	2.5E-11	2.0E-16

Table H-338 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Benzo(e)pyrene				3.4E-14	1.3E-12	1.0E-09	4.1E-08	1.3E-10	1.4E-08	1.7E-18	1.4E-16
Benzo(g,h,i)perylene				2.5E-14	1.0E-12	7.7E-10	3.2E-08	9.6E-11	1.1E-08	1.2E-18	1.1E-16
Benzo(k)fluoranthene	7.9E-15	3.6E-08	7.3E-13	3.3E-08	1.3E-12	1.2E-11	2.1E-10	1.5E-12	6.9E-11	1.6E-12	1.4E-16
Biphenyl				3.3E-15	1.4E-13	1.1E-07	4.7E-06	1.4E-08	1.6E-06	2.0E-15	1.8E-13
Chrysene	1.1E-12	2.3E-07	5.6E-11	2.1E-07	1.0E-10	5.1E-09	2.1E-07	6.4E-10	7.1E-08	1.0E-11	1.1E-14
Dibenze(a,h)anthracene	1.6E-13	9.9E-09	6.8E-12	9.0E-09	1.2E-11	1.9E-10	7.6E-09	2.3E-11	2.5E-09	4.4E-13	1.3E-15
Fluoranthene	2.8E-13	6.8E-14	1.4E-12	6.1E-14	2.5E-12	7.5E-09	3.1E-07	9.4E-10	1.0E-07	3.0E-18	2.7E-16
Fluorene	6.1E-14					1.9E-08	7.9E-07	2.3E-09	2.6E-07		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.4E-07	1.8E-11	1.3E-07	3.3E-11	6.2E-10	2.5E-08	7.7E-11	8.5E-09	6.3E-12	3.6E-15
Napthalene	2.8E-14					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Perylene				1.3E-14	6.2E-13	4.6E-10	2.0E-08	5.8E-11	6.8E-09	6.5E-19	6.6E-17
Phenanthrene	2.9E-13					3.5E-08	1.5E-06	4.4E-09	4.8E-07		
Pyrene	2.0E-13	2.8E-13	5.7E-12	2.5E-13	1.0E-11	7.3E-09	3.0E-07	9.1E-10	1.0E-07	7.1E-15	6.4E-13
Particulate											
Particulate Total Suspended Particulate				3.0E-09	1.2E-07	2.3E-05	9.0E-04	2.9E-06	3.0E-04	1.5E-13	1.3E-11
PM<10				3.8E-09	1.6E-07	3.1E-05	1.2E-03	3.9E-06	4.0E-04	1.9E-13	1.7E-11
PM<2.5				3.2E-09	1.3E-07	2.6E-05	1.0E-03	3.3E-06	3.5E-04	1.6E-13	1.4E-11
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	2.0E-14	8.3E-16	3.3E-14	9.3E-11	3.8E-09	1.2E-11	1.3E-09	7.8E-17	6.8E-15
Heptachlorobiphenyl	2.3E-16	1.2E-16	2.2E-15	9.8E-17	3.8E-15	1.3E-12	5.1E-11	1.6E-13	1.7E-11	5.0E-18	4.2E-16
Hexachlorobiphenyl	9.4E-16	5.2E-16	9.4E-15	4.4E-16	1.6E-14	5.3E-12	2.1E-10	6.7E-13	6.9E-11	2.3E-17	1.8E-15
Monochlorobiphenyl	4.3E-14	6.9E-15	1.4E-13	5.8E-15	2.3E-13	6.5E-10	2.7E-08	8.1E-11	8.9E-09	5.4E-16	4.7E-14
Nonachlorobiphenyl	2.9E-17	2.0E-17	3.2E-16	1.7E-17	5.4E-16	1.8E-13	6.4E-12	2.2E-14	2.1E-12	8.8E-19	6.0E-17
Octachlorobiphenyl	6.9E-17	3.8E-17	6.9E-16	3.2E-17	1.2E-15	3.9E-13	1.5E-11	4.9E-14	5.1E-12	1.6E-18	1.3E-16

Table H-338 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pentachlorobiphenyl	3.1E-15	1.9E-15	3.2E-14	1.6E-15	5.5E-14	1.8E-11	6.9E-10	2.3E-12	2.3E-10	8.1E-17	6.1E-15
Tetrachlorobiphenyl	1.8E-15	3.8E-16	6.4E-15	3.2E-16	1.1E-14	3.0E-11	1.1E-09	3.8E-12	3.8E-10	3.0E-17	2.2E-15
Trichlorobiphenyl	2.4E-15	4.5E-16	8.1E-15	3.8E-16	1.4E-14	3.8E-11	1.5E-09	4.8E-12	4.9E-10	3.6E-17	2.8E-15
Pesticides											
DDE				5.1E-08						1.6E-09	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	8.7E-09	3.4E-11	2.9E-09		
1,2-dichlorobenzene	2.8E-18					1.1E-10	1.9E-09	1.4E-11	6.5E-10		
1,3-Butadiene						3.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	5.5E-09	2.0E-11	1.8E-09		
1,4-dichlorobenzene	9.2E-17					1.5E-09	6.8E-08	1.9E-10	2.3E-08		
1,4-Dioxane						7.3E-05					
2,4-Dimethylphenol	2.5E-15					2.4E-08	9.5E-07	3.0E-09	3.2E-07		
2-Chlorophenol	1.3E-16					4.7E-09	2.1E-07	5.9E-10	6.9E-08		
2-Methylphenol	5.3E-14					5.6E-08	2.3E-06	7.0E-09	7.8E-07		
2-Nitrophenol	3.2E-16					7.6E-09	3.1E-07	9.4E-10	1.0E-07		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.5E-10	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.8E-16	1.7E-14
4-Nitrophenol	6.5E-16					1.3E-08	4.8E-07	1.6E-09	1.6E-07		
Acetophenone	3.9E-15					1.2E-07	4.9E-06	1.5E-08	1.6E-06		
Benzoic acid	1.6E-14					5.4E-07	2.2E-05	6.7E-08	7.5E-06		
Benzyl alcohol	9.8E-18					4.5E-09	1.4E-07	5.6E-10	4.5E-08		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	1.2E-10	8.0E-12	2.9E-10	1.9E-07	7.4E-06	2.4E-08	2.5E-06	3.9E-16	3.1E-14
Butyl benzyl phthalate	1.8E-13	3.3E-15	6.6E-14	3.8E-15	1.6E-13	6.0E-09	2.5E-07	7.5E-10	8.3E-08	1.9E-19	1.7E-17
Carbazole				1.4E-14	2.6E-13	1.7E-10	3.0E-09	2.1E-11	1.0E-09	6.9E-19	2.8E-17

Table H-338 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Dibenzofuran		1.4E-16	2.9E-15	5.7E-16	2.3E-14	9.5E-09	3.9E-07	1.2E-09	1.3E-07	2.4E-16	2.1E-14
Dimethyl phthalate	6.5E-17					3.3E-10	5.9E-09	4.2E-11	2.0E-09		
Di-n-butyl phthalate	1.7E-12	3.3E-15	6.7E-14	3.9E-15	1.6E-13	9.2E-09	3.8E-07	1.1E-09	1.3E-07	1.9E-19	1.7E-17
Di-n-octyl phthalate	1.3E-17	9.4E-15	8.7E-14	1.1E-14	2.1E-13	6.4E-10	1.1E-08	8.0E-11	3.8E-09	5.5E-19	2.2E-17
Hexachlorobutadiene	6.7E-15					4.4E-08	7.9E-07	5.5E-09	2.6E-07		
Isopropanol						8.2E-04					
Phenol	1.5E-13					3.0E-07	1.2E-05	3.8E-08	4.2E-06		
Pyridine	7.7E-15					2.9E-08	1.2E-06	3.6E-09	4.0E-07		
TRS											
Total Reduced Sulfur						2.9E-07	1.3E-05	3.6E-08	4.2E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	4.6E-09	1.7E-11	1.5E-09		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	5.0E-09	1.7E-11	1.7E-09		
1,1-Dichloroethene	6.0E-21					2.6E-11	4.6E-10	3.2E-12	1.5E-10		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	2.0E-08	6.7E-11	6.6E-09		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	1.9E-09	1.4E-11	6.4E-10		
1,2,4-Trimethylbenzene						6.2E-09	2.0E-07	7.8E-10	6.6E-08		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.2E-09	8.6E-12	4.1E-10		
1,2-Dichloroethane	1.2E-17					3.4E-05	1.0E-07	1.0E-06	3.5E-08		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.7E-07	7.3E-10	5.8E-08		
1,3-Dichloropropane						6.7E-11	1.2E-09	8.4E-12	4.0E-10		
2-Butanone	2.4E-15					3.3E-08	1.3E-06	4.1E-09	4.4E-07		
2-Chlorotoluene						1.5E-09	6.1E-08	1.8E-10	2.0E-08		
2-Hexanone						6.8E-09	2.5E-07	8.4E-10	8.2E-08		

Table H-338 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Benzene	2.0E-15					8.4E-05	3.4E-05	9.7E-06	1.1E-05		
Bromobenzene						3.7E-08	6.6E-07	4.7E-09	2.2E-07		
Bromochloromethane						8.8E-11	1.6E-09	1.1E-11	5.2E-10		
Bromodichloromethane	3.1E-19					9.5E-11	1.7E-09	1.2E-11	5.7E-10		
Bromomethane	1.3E-18					3.8E-09	1.1E-07	4.8E-10	3.8E-08		
Carbon disulfide	1.3E-18					3.3E-09	9.8E-08	4.2E-10	3.3E-08		
Carbon tetrachloride	1.3E-19					1.5E-04	3.9E-09	1.5E-05	1.3E-09		
Chlorobenzene	4.7E-17					4.8E-09	1.7E-07	6.0E-10	5.7E-08		
Chlorodibromomethane	1.8E-17					2.4E-09	4.2E-08	3.0E-10	1.4E-08		
Chloroethane	3.7E-18					9.1E-09	3.2E-07	1.1E-09	1.1E-07		
Chloroform	2.8E-18					2.5E-05	3.8E-08	2.4E-06	1.3E-08		
Chloromethane	9.8E-18					3.1E-08	9.4E-07	3.9E-09	3.1E-07		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	7.1E-08	5.0E-10	2.4E-08		
cis-1,3-Dichloropropene						2.4E-11	4.3E-10	3.0E-12	1.4E-10		
Dibromomethane	4.2E-19					2.0E-10	3.6E-09	2.5E-11	1.2E-09		
Dichlorodifluoromethane	4.7E-21					2.5E-10	4.4E-09	3.1E-11	1.5E-09		
Ethylbenzene	1.5E-15					9.6E-05	7.4E-06	2.4E-08	2.5E-06		
Isopropylbenzene	2.0E-18					1.6E-08	5.4E-07	2.0E-09	1.8E-07		
m&p-Xylene	2.4E-16					3.6E-08	1.2E-06	4.6E-09	4.1E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	6.4E-09	4.5E-11	2.1E-09		
Methylene chloride	2.6E-17					1.8E-08	6.6E-07	2.3E-09	2.2E-07		
n-Butylbenzene						7.8E-09	2.3E-07	9.7E-10	7.7E-08		
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07		
o-Xylene	2.8E-16					2.3E-08	7.6E-07	2.9E-09	2.5E-07		

Table H-338 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)
p-Chlorotoluene						5.5E-10	1.7E-08	6.9E-11	5.6E-09			
p-Isopropyltoluene						3.8E-09	9.2E-08	4.8E-10	3.1E-08			
sec-Butylbenzene						1.4E-09	4.3E-08	1.8E-10	1.4E-08			
Styrene	9.4E-15					5.1E-07	1.9E-05	6.4E-08	6.2E-06			
tert-Butylbenzene						4.6E-08	8.1E-07	5.7E-09	2.7E-07			
Tetrachloroethene	6.6E-19					1.2E-10	4.2E-09	1.5E-11	1.4E-09			
Toluene	1.6E-15					3.2E-07	1.2E-05	3.9E-08	4.1E-06			
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	1.5E-06	1.1E-08	5.0E-07			
trans-1,3-Dichloropropene						4.2E-11	7.5E-10	5.3E-12	2.5E-10			
Trichloroethene	6.8E-21					4.6E-06	1.3E-10	9.1E-13	4.3E-11			
Trichlorofluoromethane	1.0E-20					8.7E-11	1.6E-09	1.1E-11	5.2E-10			
Vinyl chloride	4.8E-19					5.0E-09	1.2E-07	6.2E-10	4.0E-08			

Table H-339 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			7.2E-05	9.0E-06	
Aldehydes					
Acetaldehyde			1.2E-04	1.6E-05	
Formaldehyde			5.3E-05	6.6E-06	
Propionaldehyde		1.9E-16	1.4E-05	1.7E-06	1.4E-12
CO					
Carbon monoxide			3.8E-03	4.8E-04	
CO2					
Carbon dioxide			1.2E-04	1.5E-05	
Criteria					
Sulfur Dioxide			3.2E-05	4.1E-06	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	1.1E-16	4.2E-16	7.3E-11	9.1E-12	2.1E-17
1,2,3,4,6,7,8-HpCDF	1.1E-16	4.2E-16	7.3E-11	9.2E-12	2.1E-17
1,2,3,4,7,8,9-HpCDF	1.2E-17	4.9E-17	9.3E-12	1.2E-12	2.4E-18
1,2,3,4,7,8-HxCDD	1.2E-17	4.8E-17	8.7E-12	1.1E-12	2.3E-18
1,2,3,4,7,8-HxCDF	9.6E-17	3.8E-16	7.1E-11	8.9E-12	1.9E-17
1,2,3,6,7,8-HxCDD	2.5E-17	9.7E-17	1.8E-11	2.3E-12	4.8E-18
1,2,3,6,7,8-HxCDF	3.1E-17	1.2E-16	2.3E-11	2.9E-12	6.1E-18
1,2,3,7,8,9-HxCDD	3.9E-17	1.5E-16	2.8E-11	3.5E-12	7.5E-18
1,2,3,7,8,9-HxCDF	2.2E-18	8.9E-18	1.8E-12	2.2E-13	4.3E-19

Table H-339 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	1.4E-17	5.4E-17	1.1E-11	1.4E-12	2.6E-18
1,2,3,7,8-PeCDF	1.6E-17	6.3E-17	1.6E-11	2.0E-12	3.1E-18
2,3,4,6,7,8-HxCDF	4.9E-17	1.9E-16	3.6E-11	4.5E-12	9.5E-18
2,3,4,7,8-PeCDF	3.8E-17	1.5E-16	3.5E-11	4.4E-12	7.4E-18
2,3,7,8-TCDD	2.8E-18	1.1E-17	4.4E-12	5.6E-13	3.7E-16
2,3,7,8-TCDF	5.1E-18	2.0E-17	1.6E-11	2.0E-12	9.8E-19
OCDD	7.2E-17	2.8E-16	4.8E-11	6.0E-12	1.4E-17
OCDF	2.8E-17	1.1E-16	1.8E-11	2.3E-12	5.4E-18
HCN					
Hydrogen cyanide			1.4E-05	1.7E-06	
Metals					
Aluminum		8.1E-04			4.0E-05
Antimony		3.7E-08	8.9E-07	1.1E-07	1.8E-09
Arsenic	1.7E-08	4.0E-08	5.1E-08	6.4E-09	3.2E-09
Barium		2.3E-10	1.1E-05	1.3E-06	1.1E-11
Beryllium		9.0E-17	3.7E-09	4.6E-10	4.4E-18
Cadmium		7.0E-17	6.5E-08	8.1E-09	3.4E-18
Chromium		6.1E-12	5.5E-07	6.9E-08	3.0E-13
Cobalt		1.5E-06	8.4E-07	1.1E-07	7.6E-08
Copper		2.5E-11	1.5E-06	1.9E-07	1.2E-12
Iron		1.5E-03			7.2E-05
Lead		7.3E-06	5.1E-07	6.4E-08	3.6E-07

Table H-339 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		6.8E-14	4.7E-07	5.8E-08	3.3E-15
Mercury (+2)		2.8E-15	2.0E-09	2.5E-10	1.3E-16
Mercury, elemental		1.9E-09	8.4E-12	1.1E-12	3.7E-06
Methyl Mercury		1.6E-16			8.0E-18
Nickel		3.4E-05	3.0E-07	3.7E-08	1.7E-06
Phosphorus		6.4E-16	2.3E-06	2.8E-07	6.2E-12
Selenium		3.5E-18	1.5E-08	1.9E-09	1.7E-19
Silver		6.4E-14	9.8E-09	1.2E-09	3.1E-15
Titanium		6.9E-16	5.2E-09	6.5E-10	3.4E-17
Zinc		1.6E-14	1.2E-05	1.5E-06	7.7E-16
NOx					
NOx (Oxides of Nitrogen)			1.3E-04	1.7E-05	
PAHs					
1-Methylnaphthalene	2.0E-17	1.9E-17	2.8E-06	3.5E-07	2.1E-14
1-Methylphenanthrene		1.2E-14	3.4E-07	4.2E-08	6.1E-16
2,3,5-Trimethylnaphthalene		5.8E-15	1.7E-07	2.1E-08	2.9E-16
2,6-Dimethylnaphthalene		1.6E-14	4.4E-07	5.5E-08	7.8E-16
2-Methylnaphthalene	2.0E-17	1.8E-17	2.7E-06	3.4E-07	2.1E-14
Acenaphthylene		5.1E-14	1.6E-06	2.0E-07	2.5E-15
Acenaphthene			3.0E-07	3.7E-08	
Anthracene			5.2E-07	6.5E-08	
Benzo(a)anthracene	7.7E-07	7.0E-07	2.6E-07	3.2E-08	1.1E-05

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)pyrene	6.5E-07	5.9E-07	1.0E-07	1.3E-08	2.9E-08
Benzo(b)fluoranthene	1.0E-06	9.5E-07	1.1E-07	1.4E-08	4.7E-08
Benzo(e)pyrene		2.9E-15	8.6E-08	1.1E-08	1.4E-16
Benzo(g,h,i)perylene		2.2E-15	6.6E-08	8.2E-09	1.1E-16
Benzo(k)fluoranthene	5.7E-07	5.1E-07	1.0E-09	1.2E-10	2.5E-08
Biphenyl		2.9E-16	9.5E-06	1.2E-06	1.7E-13
Chrysene	8.1E-07	7.3E-07	4.4E-07	5.5E-08	3.6E-08
Dibenze(a,h)anthracene	1.3E-07	1.1E-07	1.6E-08	2.0E-09	5.6E-09
Fluoranthene	5.4E-15	5.0E-15	6.4E-07	8.0E-08	2.4E-16
Fluorene			1.6E-06	2.0E-07	
Indeno(1,2,3-cd)pyrene	1.7E-07	1.5E-07	5.3E-08	6.6E-09	7.4E-09
Napthalene	1.6E-08	1.5E-08	1.3E-05	1.6E-06	2.1E-05
Perylene		1.1E-15	4.0E-08	4.9E-09	5.5E-17
Phenanthrene			3.0E-06	3.8E-07	
Pyrene	1.8E-14	1.7E-14	6.3E-07	7.8E-08	4.7E-13
Particulate					
Particulate Total Suspended Particulate		2.6E-10	2.0E-03	2.5E-04	1.3E-11
PM<10		3.3E-10	2.6E-03	3.3E-04	1.6E-11
PM<2.5		2.7E-10	2.3E-03	2.8E-04	1.3E-11
PCBs					
Dichlorobiphenyl	4.9E-17	4.2E-17	8.0E-09	9.9E-10	3.9E-15
Heptachlorobiphenyl	5.7E-18	4.8E-18	1.1E-10	1.4E-11	2.5E-16

Table H-339 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
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Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Hexachlorobiphenyl	2.6E-17	2.2E-17	4.6E-10	5.7E-11	1.1E-15
Monochlorobiphenyl	3.4E-16	2.9E-16	5.5E-08	6.9E-09	2.7E-14
Nonachlorobiphenyl	1.0E-18	8.5E-19	1.5E-11	1.9E-12	4.3E-17
Octachlorobiphenyl	1.9E-18	1.6E-18	3.3E-11	4.2E-12	8.0E-17
Pentachlorobiphenyl	9.3E-17	7.9E-17	1.6E-09	2.0E-10	4.0E-15
Tetrachlorobiphenyl	1.9E-17	1.6E-17	2.6E-09	3.2E-10	1.5E-15
Trichlorobiphenyl	2.3E-17	1.9E-17	3.3E-09	4.1E-10	1.8E-15
Pesticides					
DDE		5.5E-08			1.7E-06
Dieldrin	5.3E-09	6.2E-09			3.1E-10
SVOCs					
1,2,4-trichlorobenzene			2.3E-08	2.9E-09	
1,2-dichlorobenzene			9.3E-09	1.2E-09	
1,3-Butadiene			2.3E-03		
1,3-dichlorobenzene			1.4E-08	1.7E-09	
1,4-dichlorobenzene			1.3E-07	1.6E-08	
2,4-Dimethylphenol			2.0E-06	2.5E-07	
2-Chlorophenol			4.1E-07	5.1E-08	
2-Methylphenol			4.8E-06	6.0E-07	
2-Nitrophenol			6.5E-07	8.1E-08	
3-Methylphenol & 4-Methylphenol		3.2E-13	8.6E-06	1.1E-06	1.5E-14
4-Nitrophenol			1.1E-06	1.3E-07	

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			1.0E-05	1.3E-06	
Benzoic acid			4.6E-05	5.8E-06	
Benzyl alcohol			3.9E-07	4.8E-08	
bis(2-Ethylhexyl) phthalate	5.8E-13	6.8E-13	1.6E-05	2.0E-06	3.3E-14
Butyl benzyl phthalate	2.8E-16	3.3E-16	5.1E-07	6.4E-08	1.6E-17
Carbazole		1.2E-15	1.4E-08	1.8E-09	5.9E-17
Dibenzofuran	1.2E-17	4.8E-17	8.2E-07	1.0E-07	2.1E-14
Dimethyl phthalate			2.9E-08	3.6E-09	
Di-n-butyl phthalate	2.8E-16	3.3E-16	7.9E-07	9.8E-08	1.6E-17
Di-n-octyl phthalate	8.1E-16	9.5E-16	5.5E-08	6.9E-09	4.7E-17
Hexachlorobutadiene			3.8E-06	4.8E-07	
Isopropanol			2.7E-01		
Phenol			2.6E-05	3.2E-06	
Pyridine			2.4E-06	3.1E-07	
TRS					
Total Reduced Sulfur			2.5E-05	3.1E-06	
VOCs					
1,1,1,2-Tetrachloroethane			1.2E-08	1.4E-09	
1,1,1-Trichloroethane			1.1E-08	1.4E-09	
1,1-Dichloroethene			2.2E-09	2.8E-10	
1,2,3-Trichlorobenzene			4.6E-08	5.7E-09	
1,2,3-Trichloropropane			9.3E-09	1.2E-09	

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			5.3E-07	6.7E-08	
1,2-Dibromoethane			5.9E-09	7.4E-10	
1,2-Dichloroethane			2.4E-07	8.6E-05	
1,3,5-Trimethylbenzene			5.0E-07	6.3E-08	
1,3-Dichloropropane			5.7E-09	7.2E-10	
2-Butanone			2.8E-06	3.5E-07	
2-Chlorotoluene			1.3E-07	1.6E-08	
2-Hexanone			5.8E-07	7.2E-08	
Benzene			9.4E-03	8.3E-04	
Bromobenzene			3.2E-06	4.0E-07	
Bromochloromethane			7.6E-09	9.4E-10	
Bromodichloromethane			8.2E-09	1.0E-09	
Bromomethane			3.3E-07	4.1E-08	
Carbon disulfide			2.9E-07	3.6E-08	
Carbon tetrachloride			1.2E-02	1.3E-03	
Chlorobenzene			4.1E-07	5.2E-08	
Chlorodibromomethane			2.0E-07	2.5E-08	
Chloroethane			7.8E-07	9.8E-08	
Chloroform			2.7E-03	2.1E-04	
Chloromethane			2.7E-06	3.3E-07	
cis-1,2-Dichloroethene			3.4E-07	4.3E-08	
cis-1,3-Dichloropropene			2.1E-09	2.6E-10	

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Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			1.7E-08	2.2E-09	
Dichlorodifluoromethane			2.1E-08	2.7E-09	
Ethylbenzene			4.5E-03	2.1E-06	
Isopropylbenzene			1.4E-06	1.7E-07	
m&p-Xylene			3.1E-06	3.9E-07	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.1E-08	3.8E-09	
Methylene chloride			1.5E-06	1.9E-07	
n-Butylbenzene			6.7E-07	8.3E-08	
n-Propylbenzene			8.0E-07	1.0E-07	
o-Xylene			2.0E-06	2.5E-07	
p-Chlorotoluene			4.8E-08	5.9E-09	
p-Isopropyltoluene			3.3E-07	4.1E-08	
sec-Butylbenzene			1.2E-07	1.5E-08	
Styrene			4.4E-05	5.5E-06	
tert-Butylbenzene			3.9E-06	4.9E-07	
Tetrachloroethene			1.0E-08	1.3E-09	
Toluene			2.7E-05	3.4E-06	
trans-1,2-Dichloroethene			7.2E-06	9.1E-07	
trans-1,3-Dichloropropene			3.6E-09	4.5E-10	
Trichloroethene			3.1E-03	7.8E-11	
Trichlorofluoromethane			7.5E-09	9.4E-10	
Vinyl chloride			2.5E-04	5.3E-08	

Table H-340 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			8.4E-07	1.0E-07	
Aldehydes					
Acetaldehyde			1.4E-06	1.8E-07	
Formaldehyde			6.2E-07	7.7E-08	
Propionaldehyde		2.2E-15	1.6E-07	2.0E-08	1.7E-14
CO					
Carbon monoxide			4.5E-05	5.6E-06	
CO2					
Carbon dioxide			1.4E-06	1.8E-07	
Criteria					
Sulfur Dioxide			3.8E-07	4.7E-08	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	2.2E-15	8.5E-15	8.5E-13	1.1E-13	4.2E-19
1,2,3,4,6,7,8-HpCDF	2.2E-15	8.6E-15	8.6E-13	1.1E-13	4.2E-19
1,2,3,4,7,8,9-HpCDF	2.5E-16	9.9E-16	1.1E-13	1.4E-14	4.8E-20
1,2,3,4,7,8-HxCDD	2.5E-16	9.7E-16	1.0E-13	1.3E-14	4.7E-20
1,2,3,4,7,8-HxCDF	2.0E-15	7.7E-15	8.3E-13	1.0E-13	3.8E-19
1,2,3,6,7,8-HxCDD	5.0E-16	2.0E-15	2.1E-13	2.7E-14	9.7E-20
1,2,3,6,7,8-HxCDF	6.4E-16	2.5E-15	2.7E-13	3.4E-14	1.2E-19
1,2,3,7,8,9-HxCDD	7.9E-16	3.1E-15	3.2E-13	4.1E-14	1.5E-19
1,2,3,7,8,9-HxCDF	4.6E-17	1.8E-16	2.1E-14	2.6E-15	8.8E-21

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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	2.8E-16	1.1E-15	1.3E-13	1.6E-14	5.4E-20
1,2,3,7,8-PeCDF	3.3E-16	1.3E-15	1.8E-13	2.3E-14	6.3E-20
2,3,4,6,7,8-HxCDF	1.0E-15	3.9E-15	4.2E-13	5.2E-14	1.9E-19
2,3,4,7,8-PeCDF	7.8E-16	3.1E-15	4.1E-13	5.2E-14	1.5E-19
2,3,7,8-TCDD	5.5E-17	2.2E-16	5.2E-14	6.5E-15	7.4E-18
2,3,7,8-TCDF	1.0E-16	4.0E-16	1.9E-13	2.4E-14	2.0E-20
OCDD	1.5E-15	5.8E-15	5.6E-13	7.0E-14	2.8E-19
OCDF	5.7E-16	2.2E-15	2.1E-13	2.6E-14	1.1E-19
HCN					
Hydrogen cyanide			1.6E-07	2.0E-08	
Metals					
Aluminum		9.4E-03			4.6E-07
Antimony		4.3E-07	1.0E-08	1.3E-09	2.1E-11
Arsenic	2.0E-07	4.6E-07	5.9E-10	7.4E-11	3.8E-11
Barium		4.4E-09	1.3E-07	1.6E-08	2.1E-13
Beryllium		1.0E-15	4.3E-11	5.4E-12	5.1E-20
Cadmium		8.2E-16	7.6E-10	9.5E-11	4.0E-20
Chromium		9.6E-11	6.5E-09	8.1E-10	4.7E-15
Cobalt		1.8E-05	9.8E-09	1.2E-09	8.8E-10
Copper		4.5E-10	1.8E-08	2.2E-09	2.2E-14
Iron		1.7E-02			8.4E-07
Lead		8.6E-05	6.0E-09	7.5E-10	4.2E-09

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Exposure Unit	04
Exposure Scenario	Camp Justice
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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		8.0E-13	5.5E-09	6.8E-10	3.9E-17
Mercury (+2)		6.4E-14	2.4E-11	2.9E-12	3.1E-18
Mercury, elemental		2.3E-08	9.8E-14	1.2E-14	4.3E-08
Methyl Mercury		3.8E-15			1.9E-19
Nickel		4.0E-04	3.5E-09	4.3E-10	2.0E-08
Phosphorus		7.5E-15	2.6E-08	3.3E-09	7.2E-14
Selenium		4.0E-17	1.7E-10	2.2E-11	2.0E-21
Silver		8.5E-13	1.1E-10	1.4E-11	4.2E-17
Titanium		8.0E-15	6.1E-11	7.6E-12	3.9E-19
Zinc		1.8E-13	1.4E-07	1.7E-08	9.0E-18
NOx					
NOx (Oxides of Nitrogen)			1.6E-06	2.0E-07	
PAHs					
1-Methylnaphthalene	2.4E-16	2.2E-16	3.3E-08	4.1E-09	2.5E-16
1-Methylphenanthrene		1.5E-13	3.9E-09	4.9E-10	7.1E-18
2,3,5-Trimethylnaphthalene		6.8E-14	1.9E-09	2.4E-10	3.3E-18
2,6-Dimethylnaphthalene		1.9E-13	5.1E-09	6.4E-10	9.1E-18
2-Methylnaphthalene	2.3E-16	2.1E-16	3.2E-08	4.0E-09	2.4E-16
Acenaphthylene		6.0E-13	1.9E-08	2.4E-09	2.9E-17
Acenaphthene			3.5E-09	4.3E-10	
Anthracene			6.1E-09	7.6E-10	
Benzo(a)anthracene	9.0E-06	8.1E-06	3.0E-09	3.7E-10	1.2E-07

Table H-340 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)pyrene	7.5E-06	6.8E-06	1.2E-09	1.5E-10	3.4E-10
Benzo(b)fluoranthene	1.2E-05	1.1E-05	1.3E-09	1.6E-10	5.5E-10
Benzo(e)pyrene		3.4E-14	1.0E-09	1.3E-10	1.7E-18
Benzo(g,h,i)perylene		2.5E-14	7.7E-10	9.6E-11	1.2E-18
Benzo(k)fluoranthene	6.6E-06	6.0E-06	1.2E-11	1.5E-12	2.9E-10
Biphenyl		3.3E-15	1.1E-07	1.4E-08	2.0E-15
Chrysene	9.4E-06	8.6E-06	5.1E-09	6.4E-10	4.2E-10
Dibenze(a,h)anthracene	1.5E-06	1.3E-06	1.9E-10	2.3E-11	6.5E-11
Fluoranthene	6.8E-14	6.1E-14	7.5E-09	9.4E-10	3.0E-18
Fluorene			1.9E-08	2.3E-09	
Indeno(1,2,3-cd)pyrene	1.9E-06	1.8E-06	6.2E-10	7.7E-11	8.6E-11
Napthalene	1.9E-07	1.7E-07	1.5E-07	1.9E-08	2.5E-07
Perylene		1.3E-14	4.6E-10	5.8E-11	6.5E-19
Phenanthrene			3.5E-08	4.4E-09	
Pyrene	2.8E-13	2.5E-13	7.3E-09	9.1E-10	7.1E-15
Particulate					
Particulate Total Suspended Particulate		3.0E-09	2.3E-05	2.9E-06	1.5E-13
PM<10		3.8E-09	3.1E-05	3.9E-06	1.9E-13
PM<2.5		3.2E-09	2.6E-05	3.3E-06	1.6E-13
PCBs					
Dichlorobiphenyl	9.9E-16	8.3E-16	9.3E-11	1.2E-11	7.8E-17
Heptachlorobiphenyl	1.2E-16	9.8E-17	1.3E-12	1.6E-13	5.0E-18

Table H-340 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Hexachlorobiphenyl	5.2E-16	4.4E-16	5.3E-12	6.7E-13	2.3E-17
Monochlorobiphenyl	6.9E-15	5.8E-15	6.5E-10	8.1E-11	5.4E-16
Nonachlorobiphenyl	2.0E-17	1.7E-17	1.8E-13	2.2E-14	8.8E-19
Octachlorobiphenyl	3.8E-17	3.2E-17	3.9E-13	4.9E-14	1.6E-18
Pentachlorobiphenyl	1.9E-15	1.6E-15	1.8E-11	2.3E-12	8.1E-17
Tetrachlorobiphenyl	3.8E-16	3.2E-16	3.0E-11	3.8E-12	3.0E-17
Trichlorobiphenyl	4.5E-16	3.8E-16	3.8E-11	4.8E-12	3.6E-17
Pesticides					
DDE		6.4E-07			2.0E-08
Dieldrin	6.2E-08	7.3E-08			3.6E-12
SVOCs					
1,2,4-trichlorobenzene			2.7E-10	3.4E-11	
1,2-dichlorobenzene			1.1E-10	1.4E-11	
1,3-Butadiene			2.7E-05		
1,3-dichlorobenzene			1.6E-10	2.0E-11	
1,4-dichlorobenzene			1.5E-09	1.9E-10	
2,4-Dimethylphenol			2.4E-08	3.0E-09	
2-Chlorophenol			4.7E-09	5.9E-10	
2-Methylphenol			5.6E-08	7.0E-09	
2-Nitrophenol			7.6E-09	9.4E-10	
3-Methylphenol & 4-Methylphenol		3.7E-12	1.0E-07	1.3E-08	1.8E-16
4-Nitrophenol			1.3E-08	1.6E-09	

Table H-340 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			1.2E-07	1.5E-08	
Benzoic acid			5.4E-07	6.7E-08	
Benzyl alcohol			4.5E-09	5.6E-10	
bis(2-Ethylhexyl) phthalate	6.7E-12	8.0E-12	1.9E-07	2.4E-08	3.9E-16
Butyl benzyl phthalate	3.3E-15	3.8E-15	6.0E-09	7.5E-10	1.9E-19
Carbazole		1.4E-14	1.7E-10	2.1E-11	6.9E-19
Dibenzofuran	1.4E-16	5.7E-16	9.5E-09	1.2E-09	2.4E-16
Dimethyl phthalate			3.3E-10	4.2E-11	
Di-n-butyl phthalate	3.3E-15	3.9E-15	9.2E-09	1.1E-09	1.9E-19
Di-n-octyl phthalate	9.4E-15	1.1E-14	6.4E-10	8.0E-11	5.5E-19
Hexachlorobutadiene			4.4E-08	5.5E-09	
Isopropanol			3.2E-03		
Phenol			3.0E-07	3.8E-08	
Pyridine			2.9E-08	3.6E-09	
TRS					
Total Reduced Sulfur			2.9E-07	3.6E-08	
VOCs					
1,1,1,2-Tetrachloroethane			1.3E-10	1.7E-11	
1,1,1-Trichloroethane			1.3E-10	1.7E-11	
1,1-Dichloroethene			2.6E-11	3.2E-12	
1,2,3-Trichlorobenzene			5.3E-10	6.7E-11	
1,2,3-Trichloropropane			1.1E-10	1.4E-11	

Table H-340 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			6.2E-09	7.8E-10	
1,2-Dibromoethane			6.9E-11	8.6E-12	
1,2-Dichloroethane			2.8E-09	1.0E-06	
1,3,5-Trimethylbenzene			5.9E-09	7.3E-10	
1,3-Dichloropropane			6.7E-11	8.4E-12	
2-Butanone			3.3E-08	4.1E-09	
2-Chlorotoluene			1.5E-09	1.8E-10	
2-Hexanone			6.8E-09	8.4E-10	
Benzene			1.1E-04	9.7E-06	
Bromobenzene			3.7E-08	4.7E-09	
Bromochloromethane			8.8E-11	1.1E-11	
Bromodichloromethane			9.5E-11	1.2E-11	
Bromomethane			3.8E-09	4.8E-10	
Carbon disulfide			3.3E-09	4.2E-10	
Carbon tetrachloride			1.4E-04	1.5E-05	
Chlorobenzene			4.8E-09	6.0E-10	
Chlorodibromomethane			2.4E-09	3.0E-10	
Chloroethane			9.1E-09	1.1E-09	
Chloroform			3.2E-05	2.4E-06	
Chloromethane			3.1E-08	3.9E-09	
cis-1,2-Dichloroethene			4.0E-09	5.0E-10	
cis-1,3-Dichloropropene			2.4E-11	3.0E-12	

Table H-340 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			2.0E-10	2.5E-11	
Dichlorodifluoromethane			2.5E-10	3.1E-11	
Ethylbenzene			5.3E-05	2.4E-08	
Isopropylbenzene			1.6E-08	2.0E-09	
m&p-Xylene			3.6E-08	4.6E-09	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.6E-10	4.5E-11	
Methylene chloride			1.8E-08	2.3E-09	
n-Butylbenzene			7.8E-09	9.7E-10	
n-Propylbenzene			9.4E-09	1.2E-09	
o-Xylene			2.3E-08	2.9E-09	
p-Chlorotoluene			5.5E-10	6.9E-11	
p-Isopropyltoluene			3.8E-09	4.8E-10	
sec-Butylbenzene			1.4E-09	1.8E-10	
Styrene			5.1E-07	6.4E-08	
tert-Butylbenzene			4.6E-08	5.7E-09	
Tetrachloroethene			1.2E-10	1.5E-11	
Toluene			3.2E-07	3.9E-08	
trans-1,2-Dichloroethene			8.4E-08	1.1E-08	
trans-1,3-Dichloropropene			4.2E-11	5.3E-12	
Trichloroethene			3.7E-05	9.1E-13	
Trichlorofluoromethane			8.7E-11	1.1E-11	
Vinyl chloride			3.0E-06	6.2E-10	

Table H-341 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						7.2E-05	1.7E-04	9.0E-06	9.0E-06		
Aldehydes											
Acetaldehyde	7.9E-15					1.2E-04	2.9E-04	1.6E-05	1.6E-05		
Formaldehyde	3.9E-14					5.3E-05	1.2E-04	6.6E-06	6.6E-06		
Propionaldehyde				1.9E-16	5.4E-16	1.4E-05	3.1E-05	1.7E-06	1.7E-06	1.4E-12	8.9E-12
CO											
Carbon monoxide						3.8E-03	8.8E-03	4.8E-04	4.8E-04		
CO2											
Carbon dioxide						1.2E-04	2.8E-04	1.5E-05	1.5E-05		
Criteria											
Sulfur Dioxide						3.2E-05	7.5E-05	4.1E-06	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.1E-19	1.1E-16	1.5E-16	4.2E-16	1.2E-15	7.3E-11	1.7E-10	9.1E-12	9.1E-12	2.1E-17	1.3E-16
1,2,3,4,6,7,8-HpCDF	1.0E-19	1.1E-16	1.5E-16	4.2E-16	1.2E-15	7.3E-11	1.7E-10	9.2E-12	9.2E-12	2.1E-17	1.3E-16
1,2,3,4,7,8,9-HpCDF	1.6E-20	1.2E-17	1.7E-17	4.9E-17	1.4E-16	9.3E-12	2.1E-11	1.2E-12	1.2E-12	2.4E-18	1.5E-17
1,2,3,4,7,8-HxCDD	1.2E-19	1.2E-17	1.7E-17	4.8E-17	1.3E-16	8.7E-12	2.0E-11	1.1E-12	1.1E-12	2.3E-18	1.4E-17
1,2,3,4,7,8-HxCDF	8.2E-19	9.6E-17	1.3E-16	3.8E-16	1.1E-15	7.1E-11	1.6E-10	8.9E-12	8.9E-12	1.9E-17	1.1E-16
1,2,3,6,7,8-HxCDD	2.3E-19	2.5E-17	3.4E-17	9.7E-17	2.7E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	4.8E-18	2.9E-17
1,2,3,6,7,8-HxCDF	3.0E-19	3.1E-17	4.4E-17	1.2E-16	3.5E-16	2.3E-11	5.3E-11	2.9E-12	2.9E-12	6.1E-18	3.7E-17
1,2,3,7,8,9-HxCDD	3.3E-19	3.9E-17	5.4E-17	1.5E-16	4.3E-16	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.5E-18	4.6E-17
1,2,3,7,8,9-HxCDF	2.5E-20	2.2E-18	3.1E-18	8.9E-18	2.5E-17	1.8E-12	4.1E-12	2.2E-13	2.2E-13	4.3E-19	2.7E-18
1,2,3,7,8-PeCDD	6.3E-19	1.4E-17	1.9E-17	5.4E-17	1.5E-16	1.1E-11	2.6E-11	1.4E-12	1.4E-12	2.6E-18	1.6E-17
1,2,3,7,8-PeCDF	8.8E-19	1.6E-17	2.2E-17	6.3E-17	1.8E-16	1.6E-11	3.6E-11	2.0E-12	2.0E-12	3.1E-18	1.9E-17

Table H-341 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	4.4E-19	4.9E-17	6.9E-17	1.9E-16	5.4E-16	3.6E-11	8.2E-11	4.5E-12	4.5E-12	9.5E-18	5.8E-17
2,3,4,7,8-PeCDF	1.4E-18	3.8E-17	5.4E-17	1.5E-16	4.2E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	7.4E-18	4.6E-17
2,3,7,8-TCDD	2.1E-19	2.8E-18	3.9E-18	1.1E-17	3.1E-17	4.4E-12	1.0E-11	5.6E-13	5.6E-13	3.7E-16	2.3E-15
2,3,7,8-TCDF	6.9E-19	5.1E-18	7.1E-18	2.0E-17	5.6E-17	1.6E-11	3.8E-11	2.0E-12	2.0E-12	9.8E-19	6.0E-18
OCDD	1.4E-21	7.2E-17	1.0E-16	2.8E-16	8.0E-16	4.8E-11	1.1E-10	6.0E-12	6.0E-12	1.4E-17	8.6E-17
OCDF	5.3E-22	2.8E-17	3.9E-17	1.1E-16	3.1E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.4E-18	3.3E-17
HCN											
Hydrogen cyanide						1.4E-05	3.1E-05	1.7E-06	1.7E-06		
Metals											
Aluminum				8.1E-04	1.7E-03					4.0E-05	1.8E-04
Antimony	1.3E-18			3.7E-08	1.2E-07	8.9E-07	2.1E-06	1.1E-07	1.1E-07	1.8E-09	1.3E-08
Arsenic	7.0E-17	1.7E-08	2.0E-08	4.0E-08	9.3E-08	5.1E-08	1.2E-07	6.4E-09	6.4E-09	3.2E-09	1.7E-08
Barium	1.9E-13			2.3E-10	6.6E-10	1.1E-05	2.5E-05	1.3E-06	1.3E-06	1.1E-11	7.1E-11
Beryllium	2.8E-18			9.0E-17	2.5E-16	3.7E-09	8.5E-09	4.6E-10	4.6E-10	4.4E-18	2.7E-17
Cadmium	7.2E-16			7.0E-17	2.0E-16	6.5E-08	1.5E-07	8.1E-09	8.1E-09	3.4E-18	2.1E-17
Chromium	2.1E-16			6.1E-12	1.7E-11	5.5E-07	1.3E-06	6.9E-08	6.9E-08	3.0E-13	1.8E-12
Cobalt				1.5E-06	3.2E-06	8.4E-07	1.9E-06	1.1E-07	1.1E-07	7.6E-08	3.4E-07
Copper				2.5E-11	7.0E-11	1.5E-06	3.5E-06	1.9E-07	1.9E-07	1.2E-12	7.5E-12
Iron				1.5E-03	3.2E-03					7.2E-05	3.5E-04
Lead	5.9E-19			7.3E-06	2.0E-05	5.1E-07	1.2E-06	6.4E-08	6.4E-08	3.6E-07	2.1E-06
Manganese				6.8E-14	1.9E-13	4.7E-07	1.1E-06	5.8E-08	5.8E-08	3.3E-15	2.1E-14
Mercury (+2)				2.8E-15	7.7E-15	2.0E-09	4.7E-09	2.5E-10	2.5E-10	1.3E-16	8.3E-16
Mercury, elemental				1.9E-09	3.8E-09	8.4E-12	1.9E-11	1.1E-12	1.1E-12	3.7E-06	2.3E-05
Methyl Mercury	7.2E-16			1.6E-16	4.6E-16					8.0E-18	4.9E-17

Table H-341 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	2.8E-16			3.4E-05	6.1E-05	3.0E-07	6.9E-07	3.7E-08	3.7E-08	1.7E-06	6.6E-06
Phosphorus				6.4E-16	1.8E-15	2.3E-06	5.2E-06	2.8E-07	2.8E-07	6.2E-12	3.8E-11
Selenium	2.4E-17			3.5E-18	9.7E-18	1.5E-08	3.5E-08	1.9E-09	1.9E-09	1.7E-19	1.0E-18
Silver	1.7E-17			6.4E-14	1.8E-13	9.8E-09	2.3E-08	1.2E-09	1.2E-09	3.1E-15	1.9E-14
Thallium (Soluble Salts)					1.4E-08						1.6E-09
Titanium				6.9E-16	1.9E-15	5.2E-09	1.2E-08	6.5E-10	6.5E-10	3.4E-17	2.1E-16
Zinc	3.5E-13			1.6E-14	4.4E-14	1.2E-05	2.7E-05	1.5E-06	1.5E-06	7.7E-16	4.8E-15
NOx											
NOx (Oxides of Nitrogen)						1.3E-04	3.1E-04	1.7E-05	1.7E-05		
PAHs											
1-Methylnaphthalene		2.0E-17	2.9E-17	1.9E-17	5.2E-17	2.8E-06	6.5E-06	3.5E-07	3.5E-07	2.1E-14	1.3E-13
1-Methylphenanthrene				1.2E-14	3.5E-14	3.4E-07	7.8E-07	4.2E-08	4.2E-08	6.1E-16	3.8E-15
2,3,5-Trimethylnaphthalene				5.8E-15	1.6E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	2.9E-16	1.8E-15
2,6-Dimethylnaphthalene				1.6E-14	4.5E-14	4.4E-07	1.0E-06	5.5E-08	5.5E-08	7.8E-16	4.8E-15
2-Methylnaphthalene		2.0E-17	2.8E-17	1.8E-17	5.0E-17	2.7E-06	6.3E-06	3.4E-07	3.4E-07	2.1E-14	1.3E-13
Acenaphthylene				5.1E-14	1.4E-13	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.5E-15	1.5E-14
Acenaphthene	2.9E-16					3.0E-07	6.8E-07	3.7E-08	3.7E-08		
Anthracene	3.7E-15					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Benzo(a)anthracene	5.3E-13	7.7E-07	4.4E-08	7.0E-07	7.9E-08	2.6E-07	5.9E-07	3.2E-08	3.2E-08	1.1E-05	6.5E-05
Benzo(a)pyrene	2.6E-13	6.5E-07	4.8E-08	5.9E-07	8.8E-08	1.0E-07	2.3E-07	1.3E-08	1.3E-08	2.9E-08	9.5E-09
Benzo(b)fluoranthene	7.1E-14	1.0E-06	6.8E-08	9.5E-07	1.2E-07	1.1E-07	2.6E-07	1.4E-08	1.4E-08	4.7E-08	1.3E-08
Benzo(e)pyrene				2.9E-15	8.2E-15	8.6E-08	2.0E-07	1.1E-08	1.1E-08	1.4E-16	8.8E-16
Benzo(g,h,i)perylene				2.2E-15	6.0E-15	6.6E-08	1.5E-07	8.2E-09	8.2E-09	1.1E-16	6.5E-16
Benzo(k)fluoranthene	5.9E-16	5.7E-07	3.4E-08	5.1E-07	6.2E-08	1.0E-09	2.3E-09	1.2E-10	1.2E-10	2.5E-08	6.7E-09

Table H-341 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				2.9E-16	8.0E-16	9.5E-06	2.2E-05	1.2E-06	1.2E-06	1.7E-13	1.0E-12
Chrysene	9.1E-14	8.1E-07	4.9E-08	7.3E-07	8.9E-08	4.4E-07	1.0E-06	5.5E-08	5.5E-08	3.6E-08	9.6E-09
Dibenze(a,h)anthracene	1.3E-14	1.3E-07	1.2E-08	1.1E-07	2.2E-08	1.6E-08	3.7E-08	2.0E-09	2.0E-09	5.6E-09	2.3E-09
Fluoranthene	2.4E-14	5.4E-15	7.6E-15	5.0E-15	1.4E-14	6.4E-07	1.5E-06	8.0E-08	8.0E-08	2.4E-16	1.5E-15
Fluorene	5.2E-15					1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Indeno(1,2,3-cd)pyrene	3.3E-14	1.7E-07	3.1E-08	1.5E-07	5.7E-08	5.3E-08	1.2E-07	6.6E-09	6.6E-09	7.4E-09	6.1E-09
Napthalene	2.4E-15	1.6E-08		1.5E-08		1.3E-05	2.9E-05	1.6E-06	1.6E-06	2.1E-05	1.3E-04
Perylene				1.1E-15	3.2E-15	4.0E-08	9.1E-08	4.9E-09	4.9E-09	5.5E-17	3.4E-16
Phenanthrene	2.5E-14					3.0E-06	6.9E-06	3.8E-07	3.8E-07		
Pyrene	1.7E-14	1.8E-14	2.6E-14	1.7E-14	4.7E-14	6.3E-07	1.4E-06	7.8E-08	7.8E-08	4.7E-13	2.9E-12
Particulate											
Particulate Total Suspended Particulate				2.6E-10	7.2E-10	2.0E-03	4.6E-03	2.5E-04	2.5E-04	1.3E-11	7.7E-11
PM<10				3.3E-10	9.2E-10	2.6E-03	6.1E-03	3.3E-04	3.3E-04	1.6E-11	9.9E-11
PM<2.5				2.7E-10	7.6E-10	2.3E-03	5.2E-03	2.8E-04	2.8E-04	1.3E-11	8.2E-11
PCBs											
Dichlorobiphenyl	5.2E-16	4.9E-17	6.9E-17	4.2E-17	1.2E-16	8.0E-09	1.8E-08	9.9E-10	9.9E-10	3.9E-15	2.4E-14
Heptachlorobiphenyl	2.0E-17	5.7E-18	8.0E-18	4.8E-18	1.4E-17	1.1E-10	2.5E-10	1.4E-11	1.4E-11	2.5E-16	1.5E-15
Hexachlorobiphenyl	8.0E-17	2.6E-17	3.6E-17	2.2E-17	6.1E-17	4.6E-10	1.1E-09	5.7E-11	5.7E-11	1.1E-15	6.8E-15
Monochlorobiphenyl	3.6E-15	3.4E-16	4.8E-16	2.9E-16	8.1E-16	5.5E-08	1.3E-07	6.9E-09	6.9E-09	2.7E-14	1.7E-13
Nonachlorobiphenyl	2.5E-18	1.0E-18	1.4E-18	8.5E-19	2.4E-18	1.5E-11	3.6E-11	1.9E-12	1.9E-12	4.3E-17	2.7E-16
Octachlorobiphenyl	5.8E-18	1.9E-18	2.6E-18	1.6E-18	4.4E-18	3.3E-11	7.7E-11	4.2E-12	4.2E-12	8.0E-17	4.9E-16
Pentachlorobiphenyl	2.6E-16	9.3E-17	1.3E-16	7.9E-17	2.2E-16	1.6E-09	3.6E-09	2.0E-10	2.0E-10	4.0E-15	2.5E-14
Tetrachlorobiphenyl	1.6E-16	1.9E-17	2.6E-17	1.6E-17	4.5E-17	2.6E-09	6.0E-09	3.2E-10	3.2E-10	1.5E-15	9.2E-15
Trichlorobiphenyl	2.0E-16	2.3E-17	3.2E-17	1.9E-17	5.4E-17	3.3E-09	7.6E-09	4.1E-10	4.1E-10	1.8E-15	1.1E-14

Table H-341 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				5.5E-08	1.9E-08					1.7E-06	1.1E-05
Dieldrin		5.3E-09	8.5E-10	6.2E-09	2.0E-09					3.1E-10	2.2E-10
SVOCs											
1,2,4-trichlorobenzene						2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2-dichlorobenzene	2.4E-19					9.3E-09	2.2E-08	1.2E-09	1.2E-09		
1,3-Butadiene						2.3E-03					
1,3-dichlorobenzene	5.9E-19					1.4E-08	3.2E-08	1.7E-09	1.7E-09		
1,4-dichlorobenzene	7.9E-18					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
2,4-Dimethylphenol	2.2E-16					2.0E-06	4.7E-06	2.5E-07	2.5E-07		
2-Chlorophenol	1.1E-17					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
2-Methylphenol	4.5E-15					4.8E-06	1.1E-05	6.0E-07	6.0E-07		
2-Nitrophenol	2.7E-17					6.5E-07	1.5E-06	8.1E-08	8.1E-08		
3-Methylphenol & 4-Methylphenol				3.2E-13	8.8E-13	8.6E-06	2.0E-05	1.1E-06	1.1E-06	1.5E-14	9.5E-14
4-Nitrophenol	5.6E-17					1.1E-06	2.5E-06	1.3E-07	1.3E-07		
Acetophenone	3.4E-16					1.0E-05	2.3E-05	1.3E-06	1.3E-06		
Benzoic acid	1.4E-15					4.6E-05	1.1E-04	5.8E-06	5.8E-06		
Benzyl alcohol	8.4E-19					3.9E-07	8.9E-07	4.8E-08	4.8E-08		
bis(2-Ethylhexyl) phthalate	4.2E-14	5.8E-13	8.0E-13	6.8E-13	1.9E-12	1.6E-05	3.8E-05	2.0E-06	2.0E-06	3.3E-14	2.1E-13
Butyl benzyl phthalate	1.5E-14	2.8E-16	3.9E-16	3.3E-16	9.2E-16	5.1E-07	1.2E-06	6.4E-08	6.4E-08	1.6E-17	1.0E-16
Carbazole				1.2E-15	3.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	5.9E-17	3.6E-16
Dibenzofuran		1.2E-17	1.7E-17	4.8E-17	1.4E-16	8.2E-07	1.9E-06	1.0E-07	1.0E-07	2.1E-14	1.3E-13
Dimethyl phthalate	5.5E-18					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
Di-n-butyl phthalate	1.4E-13	2.8E-16	3.9E-16	3.3E-16	9.2E-16	7.9E-07	1.8E-06	9.8E-08	9.8E-08	1.6E-17	9.9E-17

Table H-341 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.1E-18	8.1E-16	1.1E-15	9.5E-16	2.7E-15	5.5E-08	1.3E-07	6.9E-09	6.9E-09	4.7E-17	2.9E-16
Hexachlorobutadiene	5.8E-16					3.8E-06	8.8E-06	4.8E-07	4.8E-07		
Isopropanol						2.7E-01	1.9E-01				
p-Chloroaniline			2.8E-08		6.6E-08						7.2E-09
Phenol	1.3E-14					2.6E-05	6.0E-05	3.2E-06	3.2E-06		
Pyridine	6.6E-16					2.4E-06	5.7E-06	3.1E-07	3.1E-07		
TRS											
Total Reduced Sulfur						2.5E-05	5.8E-05	3.1E-06	3.1E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.3E-19					1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,1,1-Trichloroethane	1.5E-20					1.1E-08	2.6E-08	1.4E-09	1.4E-09		
1,1-Dichloroethene	5.1E-22					2.2E-09	5.1E-09	2.8E-10	2.8E-10		
1,2,3-Trichlorobenzene	1.6E-17					4.6E-08	1.1E-07	5.7E-09	5.7E-09		
1,2,3-Trichloropropane	9.3E-20					9.3E-09	2.1E-08	1.2E-09	1.2E-09		
1,2,4-Trimethylbenzene						5.3E-07	1.2E-06	6.7E-08	6.7E-08		
1,2-Dibromoethane	3.2E-20					5.9E-09	1.4E-08	7.4E-10	7.4E-10		
1,2-Dichloroethane	1.0E-18					2.4E-07	3.8E-03	8.6E-05	8.6E-05		
1,3,5-Trimethylbenzene	5.2E-18					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
1,3-Dichloropropane						5.7E-09	1.3E-08	7.2E-10	7.2E-10		
2-Butanone	2.1E-16					2.8E-06	6.5E-06	3.5E-07	3.5E-07		
2-Chlorotoluene						1.3E-07	2.9E-07	1.6E-08	1.6E-08		
2-Hexanone						5.8E-07	1.3E-06	7.2E-08	7.2E-08		
Benzene	1.7E-16					9.4E-03	2.3E-02	8.3E-04	8.3E-04		
Bromobenzene						3.2E-06	7.4E-06	4.0E-07	4.0E-07		

Table H-341 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromochloromethane						7.6E-09	1.7E-08	9.4E-10	9.4E-10		
Bromodichloromethane	2.7E-20					8.2E-09	2.9E-02	1.0E-09	1.0E-09		
Bromoform							1.3E-01				
Bromomethane	1.1E-19					3.3E-07	7.5E-07	4.1E-08	4.1E-08		
Carbon disulfide	1.1E-19					2.9E-07	6.6E-07	3.6E-08	3.6E-08		
Carbon tetrachloride	1.2E-20					1.2E-02	3.3E-02	1.3E-03	1.3E-03		
Chlorobenzene	4.0E-18					4.1E-07	9.5E-07	5.2E-08	5.2E-08		
Chlorodibromomethane	1.6E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
Chloroethane	3.2E-19					7.8E-07	1.8E-06	9.8E-08	9.8E-08		
Chloroform	2.4E-19					2.7E-03	6.8E-02	2.1E-04	2.1E-04		
Chloromethane	8.4E-19					2.7E-06	6.1E-06	3.3E-07	3.3E-07		
cis-1,2-Dichloroethene	3.3E-19					3.4E-07	7.9E-07	4.3E-08	4.3E-08		
cis-1,3-Dichloropropene						2.1E-09	4.8E-09	2.6E-10	2.6E-10		
Dibromomethane	3.6E-20					1.7E-08	4.0E-08	2.2E-09	2.2E-09		
Dichlorodifluoromethane	4.0E-22					2.1E-08	4.9E-08	2.7E-09	2.7E-09		
Ethylbenzene	1.3E-16					4.5E-03	1.9E-02	2.1E-06	2.1E-06		
Isopropylbenzene	1.7E-19					1.4E-06	3.1E-06	1.7E-07	1.7E-07		
m&p-Xylene	2.0E-17					3.1E-06	7.2E-06	3.9E-07	3.9E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.1E-19					3.1E-08	7.1E-08	3.8E-09	3.8E-09		
Methylene chloride	2.2E-18					1.5E-06	3.6E-06	1.9E-07	1.9E-07		
n-Butylbenzene						6.7E-07	1.5E-06	8.3E-08	8.3E-08		
n-Propylbenzene						8.0E-07	1.9E-06	1.0E-07	1.0E-07		
o-Xylene	2.4E-17					2.0E-06	4.5E-06	2.5E-07	2.5E-07		
p-Chlorotoluene						4.8E-08	1.1E-07	5.9E-09	5.9E-09		

Table H-341 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
p-Isopropyltoluene						3.3E-07	7.6E-07	4.1E-08	4.1E-08		
sec-Butylbenzene						1.2E-07	2.8E-07	1.5E-08	1.5E-08		
Styrene	8.0E-16					4.4E-05	1.0E-04	5.5E-06	5.5E-06		
tert-Butylbenzene						3.9E-06	9.0E-06	4.9E-07	4.9E-07		
Tetrachloroethene	5.7E-20					1.0E-08	2.4E-08	1.3E-09	1.3E-09		
Toluene	1.3E-16					2.7E-05	6.2E-05	3.4E-06	3.4E-06		
trans-1,2-Dichloroethene	5.0E-18					7.2E-06	1.7E-05	9.1E-07	9.1E-07		
trans-1,3-Dichloropropene						3.6E-09	8.4E-09	4.5E-10	4.5E-10		
Trichloroethene	5.8E-22					3.1E-03	3.8E-02	7.8E-11	7.8E-11		
Trichlorofluoromethane	9.0E-22					7.5E-09	1.7E-08	9.4E-10	9.4E-10		
Vinyl chloride	4.1E-20					2.5E-04	9.8E-07	5.3E-08	5.3E-08		

Table H-342 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					6.2E-07	1.4E-06	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19	
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19	
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18	
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19	
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19	
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19	
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20	
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19	
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19	

Table H-342 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				9.4E-03	2.0E-02					4.6E-07	2.1E-06
Antimony	1.6E-17			4.3E-07	1.4E-06	1.0E-08	2.4E-08	1.3E-09	1.3E-09	2.1E-11	1.5E-10
Arsenic	8.1E-16	2.0E-07	2.3E-07	4.6E-07	1.1E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	3.8E-11	2.0E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				1.8E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	8.8E-10	4.0E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				1.7E-02	3.7E-02					8.4E-07	4.0E-06
Lead	6.9E-18			8.6E-05	2.3E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	4.2E-09	2.5E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				2.3E-08	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	4.3E-08	2.7E-07
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18

Table H-342 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			4.0E-04	7.1E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.0E-08	7.7E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Thallium (Soluble Salts)					1.7E-07						1.8E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	9.0E-06	5.1E-07	8.1E-06	9.3E-07	3.0E-09	6.9E-09	3.7E-10	3.7E-10	1.2E-07	7.6E-07
Benzo(a)pyrene	3.1E-12	7.5E-06	5.6E-07	6.8E-06	1.0E-06	1.2E-09	2.7E-09	1.5E-10	1.5E-10	3.4E-10	1.1E-10
Benzo(b)fluoranthene	8.3E-13	1.2E-05	7.9E-07	1.1E-05	1.4E-06	1.3E-09	3.0E-09	1.6E-10	1.6E-10	5.5E-10	1.5E-10
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	6.6E-06	4.0E-07	6.0E-06	7.2E-07	1.2E-11	2.7E-11	1.5E-12	1.5E-12	2.9E-10	7.8E-11

Table H-342 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	9.4E-06	5.7E-07	8.6E-06	1.0E-06	5.1E-09	1.2E-08	6.4E-10	6.4E-10	4.2E-10	1.1E-10
Dibenze(a,h)anthracene	1.6E-13	1.5E-06	1.4E-07	1.3E-06	2.5E-07	1.9E-10	4.3E-10	2.3E-11	2.3E-11	6.5E-11	2.7E-11
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.9E-06	3.6E-07	1.8E-06	6.6E-07	6.2E-10	1.4E-09	7.7E-11	7.7E-11	8.6E-11	7.1E-11
Napthalene	2.8E-14	1.9E-07		1.7E-07		1.5E-07	3.4E-07	1.9E-08	1.9E-08	2.5E-07	1.5E-06
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16

Table H-342 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				6.4E-07	2.2E-07					2.0E-08	1.3E-07
Dieldrin		6.2E-08	1.0E-08	7.3E-08	2.4E-08					3.6E-12	2.5E-12
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						2.7E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18

Table H-342 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						3.2E-03	2.3E-03				
p-Chloroaniline			3.3E-07		7.7E-07						8.4E-11
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	4.4E-05	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					1.1E-04	2.7E-04	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		

Table H-342 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	3.4E-04	1.2E-11	1.2E-11		
Bromoform							1.5E-03				
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.4E-04	3.9E-04	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					3.2E-05	7.9E-04	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					5.3E-05	2.2E-04	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		

Table H-342 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					3.7E-05	4.5E-04	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					3.0E-06	1.1E-08	6.2E-10	6.2E-10		

Table H-343 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						7.2E-05	1.7E-04	9.0E-06	9.0E-06		
Aldehydes											
Acetaldehyde	7.9E-15					1.2E-04	2.9E-04	1.6E-05	1.6E-05		
Formaldehyde	3.9E-14					5.3E-05	3.4E+00	6.6E-06	6.6E-06		
Propionaldehyde				1.9E-16	5.4E-16	1.4E-05	3.1E-05	1.7E-06	1.7E-06	1.4E-12	8.9E-12
CO											
Carbon monoxide						3.8E-03	8.8E-03	4.8E-04	4.8E-04		
CO2											
Carbon dioxide						1.2E-04	2.8E-04	1.5E-05	1.5E-05		
Criteria											
Sulfur Dioxide						3.2E-05	7.5E-05	4.1E-06	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.1E-19	1.1E-16	1.5E-16	4.2E-16	1.2E-15	7.3E-11	1.7E-10	9.1E-12	9.1E-12	2.1E-17	1.3E-16
1,2,3,4,6,7,8-HpCDF	1.0E-19	1.1E-16	1.5E-16	4.2E-16	1.2E-15	7.3E-11	1.7E-10	9.2E-12	9.2E-12	2.1E-17	1.3E-16
1,2,3,4,7,8,9-HpCDF	1.6E-20	1.2E-17	1.7E-17	4.9E-17	1.4E-16	9.3E-12	2.1E-11	1.2E-12	1.2E-12	2.4E-18	1.5E-17
1,2,3,4,7,8-HxCDD	1.2E-19	1.2E-17	1.7E-17	4.8E-17	1.3E-16	8.7E-12	2.0E-11	1.1E-12	1.1E-12	2.3E-18	1.4E-17
1,2,3,4,7,8-HxCDF	8.2E-19	9.6E-17	1.3E-16	3.8E-16	1.1E-15	7.1E-11	1.6E-10	8.9E-12	8.9E-12	1.9E-17	1.1E-16
1,2,3,6,7,8-HxCDD	2.3E-19	2.5E-17	3.4E-17	9.7E-17	2.7E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	4.8E-18	2.9E-17
1,2,3,6,7,8-HxCDF	3.0E-19	3.1E-17	4.4E-17	1.2E-16	3.5E-16	2.3E-11	5.3E-11	2.9E-12	2.9E-12	6.1E-18	3.7E-17
1,2,3,7,8,9-HxCDD	3.3E-19	3.9E-17	5.4E-17	1.5E-16	4.3E-16	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.5E-18	4.6E-17
1,2,3,7,8,9-HxCDF	2.5E-20	2.2E-18	3.1E-18	8.9E-18	2.5E-17	1.8E-12	4.1E-12	2.2E-13	2.2E-13	4.3E-19	2.7E-18
1,2,3,7,8-PeCDD	6.3E-19	1.4E-17	1.9E-17	5.4E-17	1.5E-16	1.1E-11	2.6E-11	1.4E-12	1.4E-12	2.6E-18	1.6E-17
1,2,3,7,8-PeCDF	8.8E-19	1.6E-17	2.2E-17	6.3E-17	1.8E-16	1.6E-11	3.6E-11	2.0E-12	2.0E-12	3.1E-18	1.9E-17

Table H-343 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	4.4E-19	4.9E-17	6.9E-17	1.9E-16	5.4E-16	3.6E-11	8.2E-11	4.5E-12	4.5E-12	9.5E-18	5.8E-17
2,3,4,7,8-PeCDF	1.4E-18	3.8E-17	5.4E-17	1.5E-16	4.2E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	7.4E-18	4.6E-17
2,3,7,8-TCDD	2.1E-19	2.8E-18	3.9E-18	1.1E-17	3.1E-17	4.4E-12	1.0E-11	5.6E-13	5.6E-13	3.7E-16	2.3E-15
2,3,7,8-TCDF	6.9E-19	5.1E-18	7.1E-18	2.0E-17	5.6E-17	1.6E-11	3.8E-11	2.0E-12	2.0E-12	9.8E-19	6.0E-18
OCDD	1.4E-21	7.2E-17	1.0E-16	2.8E-16	8.0E-16	4.8E-11	1.1E-10	6.0E-12	6.0E-12	1.4E-17	8.6E-17
OCDF	5.3E-22	2.8E-17	3.9E-17	1.1E-16	3.1E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.4E-18	3.3E-17
HCN											
Hydrogen cyanide						1.4E-05	3.1E-05	1.7E-06	1.7E-06		
Metals											
Aluminum				8.1E-04	2.0E-03					4.0E-05	2.2E-04
Antimony	1.3E-18			3.7E-08	4.1E-08	8.9E-07	2.1E-06	1.1E-07	1.1E-07	1.8E-09	4.4E-09
Arsenic	7.0E-17	1.7E-08	3.9E-08	4.0E-08	1.8E-07	5.1E-08	1.2E-07	6.4E-09	6.4E-09	3.2E-09	3.3E-08
Barium	1.9E-13			2.3E-10	6.6E-10	1.1E-05	2.5E-05	1.3E-06	1.3E-06	1.1E-11	7.1E-11
Beryllium	2.8E-18			9.0E-17	2.5E-16	3.7E-09	8.5E-09	4.6E-10	4.6E-10	4.4E-18	2.7E-17
Cadmium	7.2E-16			7.0E-17	2.0E-16	6.5E-08	1.5E-07	8.1E-09	8.1E-09	3.4E-18	2.1E-17
Chromium	2.1E-16			6.1E-12	1.7E-11	5.5E-07	1.3E-06	6.9E-08	6.9E-08	3.0E-13	1.8E-12
Cobalt				1.5E-06	3.2E-06	8.4E-07	1.9E-06	1.1E-07	1.1E-07	7.6E-08	3.4E-07
Copper				2.5E-11	7.0E-11	1.5E-06	3.5E-06	1.9E-07	1.9E-07	1.2E-12	7.5E-12
Iron				1.5E-03	3.4E-03					7.2E-05	3.7E-04
Lead	5.9E-19			7.3E-06	4.5E-06	5.1E-07	1.2E-06	6.4E-08	6.4E-08	3.6E-07	4.9E-07
Manganese				6.8E-14	1.9E-13	4.7E-07	1.1E-06	5.8E-08	5.8E-08	3.3E-15	2.1E-14
Mercury (+2)				2.8E-15	7.7E-15	2.0E-09	4.7E-09	2.5E-10	2.5E-10	1.3E-16	8.3E-16
Mercury, elemental				1.9E-09	2.3E-09	8.4E-12	1.9E-11	1.1E-12	1.1E-12	3.7E-06	2.3E-05
Methyl Mercury	7.2E-16			1.6E-16	4.6E-16					8.0E-18	4.9E-17

Table H-343 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Nickel	2.8E-16			3.4E-05	6.8E-05	3.0E-07	6.9E-07	3.7E-08	3.7E-08	1.7E-06	7.3E-06
Phosphorus				6.4E-16	1.8E-15	2.3E-06	5.2E-06	2.8E-07	2.8E-07	6.2E-12	3.8E-11
Selenium	2.4E-17			3.5E-18	9.7E-18	1.5E-08	3.5E-08	1.9E-09	1.9E-09	1.7E-19	1.0E-18
Silver	1.7E-17			6.4E-14	1.8E-13	9.8E-09	2.3E-08	1.2E-09	1.2E-09	3.1E-15	1.9E-14
Thallium (Soluble Salts)					1.2E-08						1.3E-09
Titanium				6.9E-16	1.9E-15	5.2E-09	1.2E-08	6.5E-10	6.5E-10	3.4E-17	2.1E-16
Zinc	3.5E-13			1.6E-14	4.4E-14	1.2E-05	2.7E-05	1.5E-06	1.5E-06	7.7E-16	4.8E-15
NOx											
NOx (Oxides of Nitrogen)						1.3E-04	3.1E-04	1.7E-05	1.7E-05		
PAHs											
1-Methylnaphthalene		2.0E-17	2.9E-17	1.9E-17	5.2E-17	2.8E-06	6.5E-06	3.5E-07	3.5E-07	2.1E-14	1.3E-13
1-Methylphenanthrene				1.2E-14	3.5E-14	3.4E-07	7.8E-07	4.2E-08	4.2E-08	6.1E-16	3.8E-15
2,3,5-Trimethylnaphthalene				5.8E-15	1.6E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	2.9E-16	1.8E-15
2,6-Dimethylnaphthalene				1.6E-14	4.5E-14	4.4E-07	1.0E-06	5.5E-08	5.5E-08	7.8E-16	4.8E-15
2-Methylnaphthalene		2.0E-17	2.8E-17	1.8E-17	5.0E-17	2.7E-06	6.3E-06	3.4E-07	3.4E-07	2.1E-14	1.3E-13
Acenaphthylene				5.1E-14	1.4E-13	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.5E-15	1.5E-14
Acenaphthene	2.9E-16					3.0E-07	6.8E-07	3.7E-08	3.7E-08		
Anthracene	3.7E-15					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Benzo(a)anthracene	5.3E-13	7.7E-07	2.2E-13	7.0E-07	3.9E-13	2.6E-07	5.9E-07	3.2E-08	3.2E-08	1.1E-05	6.5E-05
Benzo(a)pyrene	2.6E-13	6.5E-07	9.9E-14	5.9E-07	1.8E-13	1.0E-07	2.3E-07	1.3E-08	1.3E-08	2.9E-08	1.9E-14
Benzo(b)fluoranthene	7.1E-14	1.0E-06	5.7E-15	9.5E-07	1.0E-14	1.1E-07	2.6E-07	1.4E-08	1.4E-08	4.7E-08	1.1E-15
Benzo(e)pyrene				2.9E-15	8.2E-15	8.6E-08	2.0E-07	1.1E-08	1.1E-08	1.4E-16	8.8E-16
Benzo(g,h,i)perylene				2.2E-15	6.0E-15	6.6E-08	1.5E-07	8.2E-09	8.2E-09	1.1E-16	6.5E-16
Benzo(k)fluoranthene	5.9E-16	5.7E-07	7.1E-15	5.1E-07	1.3E-14	1.0E-09	2.3E-09	1.2E-10	1.2E-10	2.5E-08	1.4E-15

Table H-343 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				2.9E-16	8.0E-16	9.5E-06	2.2E-05	1.2E-06	1.2E-06	1.7E-13	1.0E-12
Chrysene	9.1E-14	8.1E-07	2.8E-13	7.3E-07	5.2E-13	4.4E-07	1.0E-06	5.5E-08	5.5E-08	3.6E-08	5.6E-14
Dibenze(a,h)anthracene	1.3E-14	1.3E-07	3.6E-14	1.1E-07	6.5E-14	1.6E-08	3.7E-08	2.0E-09	2.0E-09	5.6E-09	7.1E-15
Fluoranthene	2.4E-14	5.4E-15	7.6E-15	5.0E-15	1.4E-14	6.4E-07	1.5E-06	8.0E-08	8.0E-08	2.4E-16	1.5E-15
Fluorene	5.2E-15					1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Indeno(1,2,3-cd)pyrene	3.3E-14	1.7E-07	9.9E-14	1.5E-07	1.8E-13	5.3E-08	1.2E-07	6.6E-09	6.6E-09	7.4E-09	2.0E-14
Napthalene	2.4E-15	1.6E-08		1.5E-08		1.3E-05	2.9E-05	1.6E-06	1.6E-06	2.1E-05	1.3E-04
Perylene				1.1E-15	3.2E-15	4.0E-08	9.1E-08	4.9E-09	4.9E-09	5.5E-17	3.4E-16
Phenanthrene	2.5E-14					3.0E-06	6.9E-06	3.8E-07	3.8E-07		
Pyrene	1.7E-14	1.8E-14	2.6E-14	1.7E-14	4.7E-14	6.3E-07	1.4E-06	7.8E-08	7.8E-08	4.7E-13	2.9E-12
Particulate											
Particulate Total Suspended Particulate				2.6E-10	7.2E-10	2.0E-03	4.6E-03	2.5E-04	2.5E-04	1.3E-11	7.7E-11
PM<10				3.3E-10	9.2E-10	2.6E-03	6.1E-03	3.3E-04	3.3E-04	1.6E-11	9.9E-11
PM<2.5				2.7E-10	7.6E-10	2.3E-03	5.2E-03	2.8E-04	2.8E-04	1.3E-11	8.2E-11
PCBs											
Dichlorobiphenyl	5.2E-16	4.9E-17	6.9E-17	4.2E-17	1.2E-16	8.0E-09	1.8E-08	9.9E-10	9.9E-10	3.9E-15	2.4E-14
Heptachlorobiphenyl	2.0E-17	5.7E-18	8.0E-18	4.8E-18	1.4E-17	1.1E-10	2.5E-10	1.4E-11	1.4E-11	2.5E-16	1.5E-15
Hexachlorobiphenyl	8.0E-17	2.6E-17	3.6E-17	2.2E-17	6.1E-17	4.6E-10	1.1E-09	5.7E-11	5.7E-11	1.1E-15	6.8E-15
Monochlorobiphenyl	3.6E-15	3.4E-16	4.8E-16	2.9E-16	8.1E-16	5.5E-08	1.3E-07	6.9E-09	6.9E-09	2.7E-14	1.7E-13
Nonachlorobiphenyl	2.5E-18	1.0E-18	1.4E-18	8.5E-19	2.4E-18	1.5E-11	3.6E-11	1.9E-12	1.9E-12	4.3E-17	2.7E-16
Octachlorobiphenyl	5.8E-18	1.9E-18	2.6E-18	1.6E-18	4.4E-18	3.3E-11	7.7E-11	4.2E-12	4.2E-12	8.0E-17	4.9E-16
Pentachlorobiphenyl	2.6E-16	9.3E-17	1.3E-16	7.9E-17	2.2E-16	1.6E-09	3.6E-09	2.0E-10	2.0E-10	4.0E-15	2.5E-14
Tetrachlorobiphenyl	1.6E-16	1.9E-17	2.6E-17	1.6E-17	4.5E-17	2.6E-09	6.0E-09	3.2E-10	3.2E-10	1.5E-15	9.2E-15
Trichlorobiphenyl	2.0E-16	2.3E-17	3.2E-17	1.9E-17	5.4E-17	3.3E-09	7.6E-09	4.1E-10	4.1E-10	1.8E-15	1.1E-14

Table H-343 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				5.5E-08	6.7E-09					1.7E-06	1.1E-05
Dieldrin		5.3E-09		6.2E-09						3.1E-10	
SVOCs											
1,2,4-trichlorobenzene						2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2-dichlorobenzene	2.4E-19					9.3E-09	2.2E-08	1.2E-09	1.2E-09		
1,3-Butadiene						2.3E-03					
1,3-dichlorobenzene	5.9E-19					1.4E-08	3.2E-08	1.7E-09	1.7E-09		
1,4-dichlorobenzene	7.9E-18					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
2,4-Dimethylphenol	2.2E-16					2.0E-06	4.7E-06	2.5E-07	2.5E-07		
2-Chlorophenol	1.1E-17					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
2-Methylphenol	4.5E-15					4.8E-06	1.1E-05	6.0E-07	6.0E-07		
2-Nitrophenol	2.7E-17					6.5E-07	1.5E-06	8.1E-08	8.1E-08		
3-Methylphenol & 4-Methylphenol				3.2E-13	8.8E-13	8.6E-06	2.0E-05	1.1E-06	1.1E-06	1.5E-14	9.5E-14
4-Nitrophenol	5.6E-17					1.1E-06	2.5E-06	1.3E-07	1.3E-07		
Acetophenone	3.4E-16					1.0E-05	2.3E-05	1.3E-06	1.3E-06		
Benzoic acid	1.4E-15					4.6E-05	1.1E-04	5.8E-06	5.8E-06		
Benzyl alcohol	8.4E-19					3.9E-07	8.9E-07	4.8E-08	4.8E-08		
bis(2-Ethylhexyl) phthalate	4.2E-14	5.8E-13	8.0E-13	6.8E-13	1.9E-12	1.6E-05	3.8E-05	2.0E-06	2.0E-06	3.3E-14	2.1E-13
Butyl benzyl phthalate	1.5E-14	2.8E-16	3.9E-16	3.3E-16	9.2E-16	5.1E-07	1.2E-06	6.4E-08	6.4E-08	1.6E-17	1.0E-16
Carbazole				1.2E-15	3.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	5.9E-17	3.6E-16
Dibenzofuran		1.2E-17	1.7E-17	4.8E-17	1.4E-16	8.2E-07	1.9E-06	1.0E-07	1.0E-07	2.1E-14	1.3E-13
Dimethyl phthalate	5.5E-18					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
Di-n-butyl phthalate	1.4E-13	2.8E-16	3.9E-16	3.3E-16	9.2E-16	7.9E-07	1.8E-06	9.8E-08	9.8E-08	1.6E-17	9.9E-17

Table H-343 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.1E-18	8.1E-16	1.1E-15	9.5E-16	2.7E-15	5.5E-08	1.3E-07	6.9E-09	6.9E-09	4.7E-17	2.9E-16
Hexachlorobutadiene	5.8E-16					3.8E-06	8.8E-06	4.8E-07	4.8E-07		
Isopropanol						2.7E-01					
Phenol	1.3E-14					2.6E-05	6.0E-05	3.2E-06	3.2E-06		
Pyridine	6.6E-16					2.4E-06	5.7E-06	3.1E-07	3.1E-07		
TRS											
Total Reduced Sulfur						2.5E-05	5.8E-05	3.1E-06	3.1E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.3E-19					1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,1,1-Trichloroethane	1.5E-20					1.1E-08	2.6E-08	1.4E-09	1.4E-09		
1,1-Dichloroethene	5.1E-22					2.2E-09	5.1E-09	2.8E-10	2.8E-10		
1,2,3-Trichlorobenzene	1.6E-17					4.6E-08	1.1E-07	5.7E-09	5.7E-09		
1,2,3-Trichloropropane	9.3E-20					9.3E-09	2.1E-08	1.2E-09	1.2E-09		
1,2,4-Trimethylbenzene						5.3E-07	1.2E-06	6.7E-08	6.7E-08		
1,2-Dibromoethane	3.2E-20					5.9E-09	1.4E-08	7.4E-10	7.4E-10		
1,2-Dichloroethane	1.0E-18					2.4E-07	5.5E-07	8.6E-05	8.6E-05		
1,3,5-Trimethylbenzene	5.2E-18					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
1,3-Dichloropropane						5.7E-09	1.3E-08	7.2E-10	7.2E-10		
2-Butanone	2.1E-16					2.8E-06	6.5E-06	3.5E-07	3.5E-07		
2-Chlorotoluene						1.3E-07	2.9E-07	1.6E-08	1.6E-08		
2-Hexanone						5.8E-07	1.3E-06	7.2E-08	7.2E-08		
Benzene	1.7E-16					9.4E-03	1.7E-04	8.3E-04	8.3E-04		
Bromobenzene						3.2E-06	7.4E-06	4.0E-07	4.0E-07		
Bromochloromethane						7.6E-09	1.7E-08	9.4E-10	9.4E-10		

Table H-343 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromodichloromethane	2.7E-20					8.2E-09	1.9E-08	1.0E-09	1.0E-09		
Bromomethane	1.1E-19					3.3E-07	7.5E-07	4.1E-08	4.1E-08		
Carbon disulfide	1.1E-19					2.9E-07	6.6E-07	3.6E-08	3.6E-08		
Carbon tetrachloride	1.2E-20					1.2E-02	4.3E-08	1.3E-03	1.3E-03		
Chlorobenzene	4.0E-18					4.1E-07	9.5E-07	5.2E-08	5.2E-08		
Chlorodibromomethane	1.6E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
Chloroethane	3.2E-19					7.8E-07	1.8E-06	9.8E-08	9.8E-08		
Chloroform	2.4E-19					2.7E-03	3.9E-07	2.1E-04	2.1E-04		
Chloromethane	8.4E-19					2.7E-06	6.1E-06	3.3E-07	3.3E-07		
cis-1,2-Dichloroethene	3.3E-19					3.4E-07	7.9E-07	4.3E-08	4.3E-08		
cis-1,3-Dichloropropene						2.1E-09	4.8E-09	2.6E-10	2.6E-10		
Dibromomethane	3.6E-20					1.7E-08	4.0E-08	2.2E-09	2.2E-09		
Dichlorodifluoromethane	4.0E-22					2.1E-08	4.9E-08	2.7E-09	2.7E-09		
Ethylbenzene	1.3E-16					4.5E-03	3.9E-05	2.1E-06	2.1E-06		
Isopropylbenzene	1.7E-19					1.4E-06	3.1E-06	1.7E-07	1.7E-07		
m&p-Xylene	2.0E-17					3.1E-06	7.2E-06	3.9E-07	3.9E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.1E-19					3.1E-08	7.1E-08	3.8E-09	3.8E-09		
Methylene chloride	2.2E-18					1.5E-06	3.6E-06	1.9E-07	1.9E-07		
n-Butylbenzene						6.7E-07	1.5E-06	8.3E-08	8.3E-08		
n-Propylbenzene						8.0E-07	1.9E-06	1.0E-07	1.0E-07		
o-Xylene	2.4E-17					2.0E-06	4.5E-06	2.5E-07	2.5E-07		
p-Chlorotoluene						4.8E-08	1.1E-07	5.9E-09	5.9E-09		
p-Isopropyltoluene						3.3E-07	7.6E-07	4.1E-08	4.1E-08		
sec-Butylbenzene						1.2E-07	2.8E-07	1.5E-08	1.5E-08		

Table H-343 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Styrene	8.0E-16					4.4E-05	1.0E-04	5.5E-06	5.5E-06		
tert-Butylbenzene						3.9E-06	9.0E-06	4.9E-07	4.9E-07		
Tetrachloroethene	5.7E-20					1.0E-08	2.4E-08	1.3E-09	1.3E-09		
Toluene	1.3E-16					2.7E-05	6.2E-05	3.4E-06	3.4E-06		
trans-1,2-Dichloroethene	5.0E-18					7.2E-06	1.7E-05	9.1E-07	9.1E-07		
trans-1,3-Dichloropropene						3.6E-09	8.4E-09	4.5E-10	4.5E-10		
Trichloroethene	5.8E-22					3.1E-03	1.4E-09	7.8E-11	7.8E-11		
Trichlorofluoromethane	9.0E-22					7.5E-09	1.7E-08	9.4E-10	9.4E-10		
Vinyl chloride	4.1E-20					2.5E-04	9.8E-07	5.3E-08	5.3E-08		

Table H-344 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					6.2E-07	4.0E-02	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19

Table H-344 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				9.4E-03	2.4E-02					4.6E-07	2.6E-06
Antimony	1.6E-17			4.3E-07	4.8E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	2.1E-11	5.2E-11
Arsenic	8.1E-16	2.0E-07	4.6E-07	4.6E-07	2.2E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	3.8E-11	3.9E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				1.8E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	8.8E-10	4.0E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				1.7E-02	4.0E-02					8.4E-07	4.3E-06
Lead	6.9E-18			8.6E-05	5.3E-05	6.0E-09	1.4E-08	7.5E-10	7.5E-10	4.2E-09	5.7E-09
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				2.3E-08	2.7E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	4.3E-08	2.7E-07
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18

Table H-344 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			4.0E-04	7.9E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.0E-08	8.5E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Thallium (Soluble Salts)					1.4E-07						1.6E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	9.0E-06	2.8E-12	8.1E-06	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	1.2E-07	7.6E-07
Benzo(a)pyrene	3.1E-12	7.5E-06	1.2E-12	6.8E-06	2.3E-12	1.2E-09	2.7E-09	1.5E-10	1.5E-10	3.4E-10	2.4E-16
Benzo(b)fluoranthene	8.3E-13	1.2E-05	7.3E-14	1.1E-05	1.3E-13	1.3E-09	3.0E-09	1.6E-10	1.6E-10	5.5E-10	1.4E-17
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	6.6E-06	1.1E-13	6.0E-06	2.0E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	2.9E-10	2.2E-17

Table H-344 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	9.4E-06	3.8E-12	8.6E-06	7.0E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	4.2E-10	7.5E-16
Dibenze(a,h)anthracene	1.6E-13	1.5E-06	4.8E-13	1.3E-06	8.7E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	6.5E-11	9.4E-17
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.9E-06	1.3E-12	1.8E-06	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	8.6E-11	2.5E-16
Napthalene	2.8E-14	1.9E-07		1.7E-07		1.5E-07	3.4E-07	1.9E-08	1.9E-08	2.5E-07	1.5E-06
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16

Table H-344 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				6.4E-07	7.8E-08					2.0E-08	1.3E-07
Dieldrin		6.2E-08		7.3E-08						3.6E-12	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						2.7E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18

Table H-344 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						3.2E-03					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					1.1E-04	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		

Table H-344 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.4E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					3.2E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					5.3E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		

Table H-344 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					3.7E-05	1.7E-11	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					3.0E-06	1.1E-08	6.2E-10	6.2E-10		

Table H-345 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						7.2E-05	1.7E-04	9.0E-06	9.0E-06		
Aldehydes											
Acetaldehyde	7.9E-15					1.2E-04	2.9E-04	1.6E-05	1.6E-05		
Formaldehyde	3.9E-14					5.3E-05	2.3E+00	6.6E-06	6.6E-06		
Propionaldehyde				1.9E-16	5.4E-16	1.4E-05	3.1E-05	1.7E-06	1.7E-06	1.4E-12	8.9E-12
CO											
Carbon monoxide						3.8E-03	8.8E-03	4.8E-04	4.8E-04		
CO2											
Carbon dioxide						1.2E-04	2.8E-04	1.5E-05	1.5E-05		
Criteria											
Sulfur Dioxide						3.2E-05	7.5E-05	4.1E-06	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.1E-19	1.1E-16	1.5E-16	4.2E-16	1.2E-15	7.3E-11	1.7E-10	9.1E-12	9.1E-12	2.1E-17	1.3E-16
1,2,3,4,6,7,8-HpCDF	1.0E-19	1.1E-16	1.5E-16	4.2E-16	1.2E-15	7.3E-11	1.7E-10	9.2E-12	9.2E-12	2.1E-17	1.3E-16
1,2,3,4,7,8,9-HpCDF	1.6E-20	1.2E-17	1.7E-17	4.9E-17	1.4E-16	9.3E-12	2.1E-11	1.2E-12	1.2E-12	2.4E-18	1.5E-17
1,2,3,4,7,8-HxCDD	1.2E-19	1.2E-17	1.7E-17	4.8E-17	1.3E-16	8.7E-12	2.0E-11	1.1E-12	1.1E-12	2.3E-18	1.4E-17
1,2,3,4,7,8-HxCDF	8.2E-19	9.6E-17	1.3E-16	3.8E-16	1.1E-15	7.1E-11	1.6E-10	8.9E-12	8.9E-12	1.9E-17	1.1E-16
1,2,3,6,7,8-HxCDD	2.3E-19	2.5E-17	3.4E-17	9.7E-17	2.7E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	4.8E-18	2.9E-17
1,2,3,6,7,8-HxCDF	3.0E-19	3.1E-17	4.4E-17	1.2E-16	3.5E-16	2.3E-11	5.3E-11	2.9E-12	2.9E-12	6.1E-18	3.7E-17
1,2,3,7,8,9-HxCDD	3.3E-19	3.9E-17	5.4E-17	1.5E-16	4.3E-16	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.5E-18	4.6E-17
1,2,3,7,8,9-HxCDF	2.5E-20	2.2E-18	3.1E-18	8.9E-18	2.5E-17	1.8E-12	4.1E-12	2.2E-13	2.2E-13	4.3E-19	2.7E-18
1,2,3,7,8-PeCDD	6.3E-19	1.4E-17	1.9E-17	5.4E-17	1.5E-16	1.1E-11	2.6E-11	1.4E-12	1.4E-12	2.6E-18	1.6E-17
1,2,3,7,8-PeCDF	8.8E-19	1.6E-17	2.2E-17	6.3E-17	1.8E-16	1.6E-11	3.6E-11	2.0E-12	2.0E-12	3.1E-18	1.9E-17

Table H-345 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	4.4E-19	4.9E-17	6.9E-17	1.9E-16	5.4E-16	3.6E-11	8.2E-11	4.5E-12	4.5E-12	9.5E-18	5.8E-17
2,3,4,7,8-PeCDF	1.4E-18	3.8E-17	5.4E-17	1.5E-16	4.2E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	7.4E-18	4.6E-17
2,3,7,8-TCDD	2.1E-19	2.8E-18	3.9E-18	1.1E-17	3.1E-17	4.4E-12	1.0E-11	5.6E-13	5.6E-13	3.7E-16	2.3E-15
2,3,7,8-TCDF	6.9E-19	5.1E-18	7.1E-18	2.0E-17	5.6E-17	1.6E-11	3.8E-11	2.0E-12	2.0E-12	9.8E-19	6.0E-18
OCDD	1.4E-21	7.2E-17	1.0E-16	2.8E-16	8.0E-16	4.8E-11	1.1E-10	6.0E-12	6.0E-12	1.4E-17	8.6E-17
OCDF	5.3E-22	2.8E-17	3.9E-17	1.1E-16	3.1E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.4E-18	3.3E-17
HCN											
Hydrogen cyanide						1.4E-05	3.1E-05	1.7E-06	1.7E-06		
Metals											
Aluminum				8.1E-04	1.6E-03					4.0E-05	1.8E-04
Antimony	1.3E-18			3.7E-08	1.4E-08	8.9E-07	2.1E-06	1.1E-07	1.1E-07	1.8E-09	1.6E-09
Arsenic	7.0E-17	1.7E-08	1.6E-08	4.0E-08	7.4E-08	5.1E-08	1.2E-07	6.4E-09	6.4E-09	3.2E-09	1.3E-08
Barium	1.9E-13			2.3E-10	6.6E-10	1.1E-05	2.5E-05	1.3E-06	1.3E-06	1.1E-11	7.1E-11
Beryllium	2.8E-18			9.0E-17	2.5E-16	3.7E-09	8.5E-09	4.6E-10	4.6E-10	4.4E-18	2.7E-17
Cadmium	7.2E-16			7.0E-17	2.0E-16	6.5E-08	1.5E-07	8.1E-09	8.1E-09	3.4E-18	2.1E-17
Chromium	2.1E-16			6.1E-12	1.7E-11	5.5E-07	1.3E-06	6.9E-08	6.9E-08	3.0E-13	1.8E-12
Cobalt				1.5E-06	5.4E-06	8.4E-07	1.9E-06	1.1E-07	1.1E-07	7.6E-08	5.9E-07
Copper				2.5E-11	7.0E-11	1.5E-06	3.5E-06	1.9E-07	1.9E-07	1.2E-12	7.5E-12
Iron				1.5E-03	3.7E-03					7.2E-05	4.0E-04
Lead	5.9E-19			7.3E-06	1.2E-05	5.1E-07	1.2E-06	6.4E-08	6.4E-08	3.6E-07	1.3E-06
Manganese				6.8E-14	1.9E-13	4.7E-07	1.1E-06	5.8E-08	5.8E-08	3.3E-15	2.1E-14
Mercury (+2)				2.8E-15	7.7E-15	2.0E-09	4.7E-09	2.5E-10	2.5E-10	1.3E-16	8.3E-16
Mercury, elemental				1.9E-09	3.8E-09	8.4E-12	1.9E-11	1.1E-12	1.1E-12	3.7E-06	2.3E-05
Methyl Mercury	7.2E-16			1.6E-16	4.6E-16					8.0E-18	4.9E-17

Table H-345 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	2.8E-16			3.4E-05	1.1E-04	3.0E-07	6.9E-07	3.7E-08	3.7E-08	1.7E-06	1.2E-05
Phosphorus				6.4E-16	1.8E-15	2.3E-06	5.2E-06	2.8E-07	2.8E-07	6.2E-12	3.8E-11
Selenium	2.4E-17			3.5E-18	9.7E-18	1.5E-08	3.5E-08	1.9E-09	1.9E-09	1.7E-19	1.0E-18
Silver	1.7E-17			6.4E-14	1.8E-13	9.8E-09	2.3E-08	1.2E-09	1.2E-09	3.1E-15	1.9E-14
Titanium				6.9E-16	1.9E-15	5.2E-09	1.2E-08	6.5E-10	6.5E-10	3.4E-17	2.1E-16
Zinc	3.5E-13			1.6E-14	4.4E-14	1.2E-05	2.7E-05	1.5E-06	1.5E-06	7.7E-16	4.8E-15
NOx											
NOx (Oxides of Nitrogen)						1.3E-04	3.1E-04	1.7E-05	1.7E-05		
PAHs											
1-Methylnaphthalene		2.0E-17	2.9E-17	1.9E-17	5.2E-17	2.8E-06	6.5E-06	3.5E-07	3.5E-07	2.1E-14	1.3E-13
1-Methylphenanthrene				1.2E-14	3.5E-14	3.4E-07	7.8E-07	4.2E-08	4.2E-08	6.1E-16	3.8E-15
2,3,5-Trimethylnaphthalene				5.8E-15	1.6E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	2.9E-16	1.8E-15
2,6-Dimethylnaphthalene				1.6E-14	4.5E-14	4.4E-07	1.0E-06	5.5E-08	5.5E-08	7.8E-16	4.8E-15
2-Methylnaphthalene		2.0E-17	2.8E-17	1.8E-17	5.0E-17	2.7E-06	6.3E-06	3.4E-07	3.4E-07	2.1E-14	1.3E-13
Acenaphthylene				5.1E-14	1.4E-13	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.5E-15	1.5E-14
Acenaphthene	2.9E-16					3.0E-07	6.8E-07	3.7E-08	3.7E-08		
Anthracene	3.7E-15					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Benzo(a)anthracene	5.3E-13	7.7E-07	2.2E-13	7.0E-07	3.9E-13	2.6E-07	5.9E-07	3.2E-08	3.2E-08	1.1E-05	6.5E-05
Benzo(a)pyrene	2.6E-13	6.5E-07	1.1E-08	5.9E-07	2.1E-08	1.0E-07	2.3E-07	1.3E-08	1.3E-08	2.9E-08	2.2E-09
Benzo(b)fluoranthene	7.1E-14	1.0E-06	1.0E-08	9.5E-07	1.8E-08	1.1E-07	2.6E-07	1.4E-08	1.4E-08	4.7E-08	2.0E-09
Benzo(e)pyrene				2.9E-15	8.2E-15	8.6E-08	2.0E-07	1.1E-08	1.1E-08	1.4E-16	8.8E-16
Benzo(g,h,i)perylene				2.2E-15	6.0E-15	6.6E-08	1.5E-07	8.2E-09	8.2E-09	1.1E-16	6.5E-16
Benzo(k)fluoranthene	5.9E-16	5.7E-07	7.1E-15	5.1E-07	1.3E-14	1.0E-09	2.3E-09	1.2E-10	1.2E-10	2.5E-08	1.4E-15
Biphenyl				2.9E-16	8.0E-16	9.5E-06	2.2E-05	1.2E-06	1.2E-06	1.7E-13	1.0E-12

Table H-345 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	9.1E-14	8.1E-07	2.8E-13	7.3E-07	5.2E-13	4.4E-07	1.0E-06	5.5E-08	5.5E-08	3.6E-08	5.6E-14
Dibenze(a,h)anthracene	1.3E-14	1.3E-07	3.6E-14	1.1E-07	6.5E-14	1.6E-08	3.7E-08	2.0E-09	2.0E-09	5.6E-09	7.1E-15
Fluoranthene	2.4E-14	5.4E-15	7.6E-15	5.0E-15	1.4E-14	6.4E-07	1.5E-06	8.0E-08	8.0E-08	2.4E-16	1.5E-15
Fluorene	5.2E-15					1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Indeno(1,2,3-cd)pyrene	3.3E-14	1.7E-07	9.9E-14	1.5E-07	1.8E-13	5.3E-08	1.2E-07	6.6E-09	6.6E-09	7.4E-09	2.0E-14
Napthalene	2.4E-15	1.6E-08		1.5E-08		1.3E-05	2.9E-05	1.6E-06	1.6E-06	2.1E-05	1.3E-04
Perylene				1.1E-15	3.2E-15	4.0E-08	9.1E-08	4.9E-09	4.9E-09	5.5E-17	3.4E-16
Phenanthrene	2.5E-14					3.0E-06	6.9E-06	3.8E-07	3.8E-07		
Pyrene	1.7E-14	1.8E-14	2.6E-14	1.7E-14	4.7E-14	6.3E-07	1.4E-06	7.8E-08	7.8E-08	4.7E-13	2.9E-12
Particulate											
Particulate Total Suspended Particulate				2.6E-10	7.2E-10	2.0E-03	4.6E-03	2.5E-04	2.5E-04	1.3E-11	7.7E-11
PM<10				3.3E-10	9.2E-10	2.6E-03	6.1E-03	3.3E-04	3.3E-04	1.6E-11	9.9E-11
PM<2.5				2.7E-10	7.6E-10	2.3E-03	5.2E-03	2.8E-04	2.8E-04	1.3E-11	8.2E-11
PCBs											
Dichlorobiphenyl	5.2E-16	4.9E-17	6.9E-17	4.2E-17	1.2E-16	8.0E-09	1.8E-08	9.9E-10	9.9E-10	3.9E-15	2.4E-14
Heptachlorobiphenyl	2.0E-17	5.7E-18	8.0E-18	4.8E-18	1.4E-17	1.1E-10	2.5E-10	1.4E-11	1.4E-11	2.5E-16	1.5E-15
Hexachlorobiphenyl	8.0E-17	2.6E-17	3.6E-17	2.2E-17	6.1E-17	4.6E-10	1.1E-09	5.7E-11	5.7E-11	1.1E-15	6.8E-15
Monochlorobiphenyl	3.6E-15	3.4E-16	4.8E-16	2.9E-16	8.1E-16	5.5E-08	1.3E-07	6.9E-09	6.9E-09	2.7E-14	1.7E-13
Nonachlorobiphenyl	2.5E-18	1.0E-18	1.4E-18	8.5E-19	2.4E-18	1.5E-11	3.6E-11	1.9E-12	1.9E-12	4.3E-17	2.7E-16
Octachlorobiphenyl	5.8E-18	1.9E-18	2.6E-18	1.6E-18	4.4E-18	3.3E-11	7.7E-11	4.2E-12	4.2E-12	8.0E-17	4.9E-16
Pentachlorobiphenyl	2.6E-16	9.3E-17	1.3E-16	7.9E-17	2.2E-16	1.6E-09	3.6E-09	2.0E-10	2.0E-10	4.0E-15	2.5E-14
Tetrachlorobiphenyl	1.6E-16	1.9E-17	2.6E-17	1.6E-17	4.5E-17	2.6E-09	6.0E-09	3.2E-10	3.2E-10	1.5E-15	9.2E-15
Trichlorobiphenyl	2.0E-16	2.3E-17	3.2E-17	1.9E-17	5.4E-17	3.3E-09	7.6E-09	4.1E-10	4.1E-10	1.8E-15	1.1E-14
Pesticides											

Table H-345 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
DDE				5.5E-08	2.4E-08					1.7E-06	1.1E-05
Dieldrin		5.3E-09		6.2E-09						3.1E-10	
SVOCs											
1,2,4-trichlorobenzene						2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2-dichlorobenzene	2.4E-19					9.3E-09	2.2E-08	1.2E-09	1.2E-09		
1,3-Butadiene						2.3E-03					
1,3-dichlorobenzene	5.9E-19					1.4E-08	3.2E-08	1.7E-09	1.7E-09		
1,4-dichlorobenzene	7.9E-18					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
2,4-Dimethylphenol	2.2E-16					2.0E-06	4.7E-06	2.5E-07	2.5E-07		
2-Chlorophenol	1.1E-17					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
2-Methylphenol	4.5E-15					4.8E-06	1.1E-05	6.0E-07	6.0E-07		
2-Nitrophenol	2.7E-17					6.5E-07	1.5E-06	8.1E-08	8.1E-08		
3-Methylphenol & 4-Methylphenol				3.2E-13	8.8E-13	8.6E-06	2.0E-05	1.1E-06	1.1E-06	1.5E-14	9.5E-14
4-Nitrophenol	5.6E-17					1.1E-06	2.5E-06	1.3E-07	1.3E-07		
Acetophenone	3.4E-16					1.0E-05	2.3E-05	1.3E-06	1.3E-06		
Benzoic acid	1.4E-15					4.6E-05	1.1E-04	5.8E-06	5.8E-06		
Benzyl alcohol	8.4E-19					3.9E-07	8.9E-07	4.8E-08	4.8E-08		
bis(2-Ethylhexyl) phthalate	4.2E-14	5.8E-13	8.0E-13	6.8E-13	1.9E-12	1.6E-05	3.8E-05	2.0E-06	2.0E-06	3.3E-14	2.1E-13
Butyl benzyl phthalate	1.5E-14	2.8E-16	3.9E-16	3.3E-16	9.2E-16	5.1E-07	1.2E-06	6.4E-08	6.4E-08	1.6E-17	1.0E-16
Carbazole				1.2E-15	3.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	5.9E-17	3.6E-16
Dibenzofuran		1.2E-17	1.7E-17	4.8E-17	1.4E-16	8.2E-07	1.9E-06	1.0E-07	1.0E-07	2.1E-14	1.3E-13
Dimethyl phthalate	5.5E-18					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
Di-n-butyl phthalate	1.4E-13	2.8E-16	3.9E-16	3.3E-16	9.2E-16	7.9E-07	1.8E-06	9.8E-08	9.8E-08	1.6E-17	9.9E-17
Di-n-octyl phthalate	1.1E-18	8.1E-16	1.1E-15	9.5E-16	2.7E-15	5.5E-08	1.3E-07	6.9E-09	6.9E-09	4.7E-17	2.9E-16

Table H-345 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	5.8E-16					3.8E-06	8.8E-06	4.8E-07	4.8E-07		
Isopropanol						2.7E-01					
Phenol	1.3E-14					2.6E-05	6.0E-05	3.2E-06	3.2E-06		
Pyridine	6.6E-16					2.4E-06	5.7E-06	3.1E-07	3.1E-07		
TRS											
Total Reduced Sulfur						2.5E-05	5.8E-05	3.1E-06	3.1E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.3E-19					1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,1,1-Trichloroethane	1.5E-20					1.1E-08	2.6E-08	1.4E-09	1.4E-09		
1,1-Dichloroethene	5.1E-22					2.2E-09	5.1E-09	2.8E-10	2.8E-10		
1,2,3-Trichlorobenzene	1.6E-17					4.6E-08	1.1E-07	5.7E-09	5.7E-09		
1,2,3-Trichloropropane	9.3E-20					9.3E-09	2.1E-08	1.2E-09	1.2E-09		
1,2,4-Trimethylbenzene						5.3E-07	1.2E-06	6.7E-08	6.7E-08		
1,2-Dibromoethane	3.2E-20					5.9E-09	1.4E-08	7.4E-10	7.4E-10		
1,2-Dichloroethane	1.0E-18					2.4E-07	5.5E-07	8.6E-05	8.6E-05		
1,3,5-Trimethylbenzene	5.2E-18					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
1,3-Dichloropropane						5.7E-09	1.3E-08	7.2E-10	7.2E-10		
2-Butanone	2.1E-16					2.8E-06	6.5E-06	3.5E-07	3.5E-07		
2-Chlorotoluene						1.3E-07	2.9E-07	1.6E-08	1.6E-08		
2-Hexanone						5.8E-07	1.3E-06	7.2E-08	7.2E-08		
Benzene	1.7E-16					9.4E-03	1.7E-04	8.3E-04	8.3E-04		
Bromobenzene						3.2E-06	7.4E-06	4.0E-07	4.0E-07		
Bromochloromethane						7.6E-09	1.7E-08	9.4E-10	9.4E-10		
Bromodichloromethane	2.7E-20					8.2E-09	1.9E-08	1.0E-09	1.0E-09		

Table H-345 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromomethane	1.1E-19					3.3E-07	7.5E-07	4.1E-08	4.1E-08		
Carbon disulfide	1.1E-19					2.9E-07	6.6E-07	3.6E-08	3.6E-08		
Carbon tetrachloride	1.2E-20					1.2E-02	4.3E-08	1.3E-03	1.3E-03		
Chlorobenzene	4.0E-18					4.1E-07	9.5E-07	5.2E-08	5.2E-08		
Chlorodibromomethane	1.6E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
Chloroethane	3.2E-19					7.8E-07	1.8E-06	9.8E-08	9.8E-08		
Chloroform	2.4E-19					2.7E-03	3.9E-07	2.1E-04	2.1E-04		
Chloromethane	8.4E-19					2.7E-06	6.1E-06	3.3E-07	3.3E-07		
cis-1,2-Dichloroethene	3.3E-19					3.4E-07	7.9E-07	4.3E-08	4.3E-08		
cis-1,3-Dichloropropene						2.1E-09	4.8E-09	2.6E-10	2.6E-10		
Dibromomethane	3.6E-20					1.7E-08	4.0E-08	2.2E-09	2.2E-09		
Dichlorodifluoromethane	4.0E-22					2.1E-08	4.9E-08	2.7E-09	2.7E-09		
Ethylbenzene	1.3E-16					4.5E-03	3.9E-05	2.1E-06	2.1E-06		
Isopropylbenzene	1.7E-19					1.4E-06	3.1E-06	1.7E-07	1.7E-07		
m&p-Xylene	2.0E-17					3.1E-06	7.2E-06	3.9E-07	3.9E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.1E-19					3.1E-08	7.1E-08	3.8E-09	3.8E-09		
Methylene chloride	2.2E-18					1.5E-06	3.6E-06	1.9E-07	1.9E-07		
n-Butylbenzene						6.7E-07	1.5E-06	8.3E-08	8.3E-08		
n-Propylbenzene						8.0E-07	1.9E-06	1.0E-07	1.0E-07		
o-Xylene	2.4E-17					2.0E-06	4.5E-06	2.5E-07	2.5E-07		
p-Chlorotoluene						4.8E-08	1.1E-07	5.9E-09	5.9E-09		
p-Isopropyltoluene						3.3E-07	7.6E-07	4.1E-08	4.1E-08		
sec-Butylbenzene						1.2E-07	2.8E-07	1.5E-08	1.5E-08		
Styrene	8.0E-16					4.4E-05	1.0E-04	5.5E-06	5.5E-06		

Table H-345 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)
tert-Butylbenzene						3.9E-06	9.0E-06	4.9E-07	4.9E-07			
Tetrachloroethene	5.7E-20					1.0E-08	2.4E-08	1.3E-09	1.3E-09			
Toluene	1.3E-16					2.7E-05	6.2E-05	3.4E-06	3.4E-06			
trans-1,2-Dichloroethene	5.0E-18					7.2E-06	1.7E-05	9.1E-07	9.1E-07			
trans-1,3-Dichloropropene						3.6E-09	8.4E-09	4.5E-10	4.5E-10			
Trichloroethene	5.8E-22					3.1E-03	1.4E-09	7.8E-11	7.8E-11			
Trichlorofluoromethane	9.0E-22					7.5E-09	1.7E-08	9.4E-10	9.4E-10			
Vinyl chloride	4.1E-20					2.5E-04	9.8E-07	5.3E-08	5.3E-08			

Table H-346 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Formaldehyde	4.5E-13					6.2E-07	2.7E-02	7.7E-08	7.7E-08		
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13
CO											
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06		
CO2											
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07		
Criteria											
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19

Table H-346 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				9.4E-03	1.9E-02					4.6E-07	2.1E-06
Antimony	1.6E-17			4.3E-07	1.7E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	2.1E-11	1.8E-11
Arsenic	8.1E-16	2.0E-07	1.8E-07	4.6E-07	8.6E-07	5.9E-10	1.4E-09	7.4E-11	7.4E-11	3.8E-11	1.6E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				1.8E-05	6.4E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	8.8E-10	6.9E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				1.7E-02	4.3E-02					8.4E-07	4.7E-06
Lead	6.9E-18			8.6E-05	1.4E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	4.2E-09	1.6E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				2.3E-08	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	4.3E-08	2.7E-07
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18

Table H-346 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			4.0E-04	1.3E-03	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.0E-08	1.4E-07
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	9.0E-06	2.8E-12	8.1E-06	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	1.2E-07	7.6E-07
Benzo(a)pyrene	3.1E-12	7.5E-06	1.3E-07	6.8E-06	2.4E-07	1.2E-09	2.7E-09	1.5E-10	1.5E-10	3.4E-10	2.6E-11
Benzo(b)fluoranthene	8.3E-13	1.2E-05	1.2E-07	1.1E-05	2.2E-07	1.3E-09	3.0E-09	1.6E-10	1.6E-10	5.5E-10	2.3E-11
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	6.6E-06	1.1E-13	6.0E-06	2.0E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	2.9E-10	2.2E-17
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14

Table H-346 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	1.1E-12	9.4E-06	3.8E-12	8.6E-06	7.0E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	4.2E-10	7.5E-16
Dibenze(a,h)anthracene	1.6E-13	1.5E-06	4.8E-13	1.3E-06	8.7E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	6.5E-11	9.4E-17
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.9E-06	1.3E-12	1.8E-06	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	8.6E-11	2.5E-16
Napthalene	2.8E-14	1.9E-07		1.7E-07		1.5E-07	3.4E-07	1.9E-08	1.9E-08	2.5E-07	1.5E-06
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16
Pesticides											

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Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
DDE				6.4E-07	2.8E-07					2.0E-08	1.3E-07
Dieldrin		6.2E-08		7.3E-08						3.6E-12	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						2.7E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18

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Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						3.2E-03					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					1.1E-04	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		

Table H-346 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.4E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					3.2E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					5.3E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		

Table H-346 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09			
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11			
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08			
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08			
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12			
Trichloroethene	6.8E-21					3.7E-05	1.7E-11	9.1E-13	9.1E-13			
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11			
Vinyl chloride	4.8E-19					3.0E-06	1.1E-08	6.2E-10	6.2E-10			

Table H-347 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						7.2E-05	2.6E-03	9.0E-06	8.5E-04		
Aldehydes											
Acetaldehyde	7.9E-15					1.2E-04	4.4E-03	1.6E-05	1.5E-03		
Formaldehyde	3.9E-14					5.3E-05	1.7E-03	6.6E-06	5.8E-04		
Propionaldehyde				1.9E-16	6.2E-15	1.4E-05	4.9E-04	1.7E-06	1.6E-04	1.4E-12	1.0E-10
CO											
Carbon monoxide						3.8E-03	1.4E-01	4.8E-04	4.8E-02		
CO2											
Carbon dioxide						1.2E-04	4.3E-03	1.5E-05	1.4E-03		
Criteria											
Sulfur Dioxide						3.2E-05	1.0E-03	4.1E-06	3.5E-04		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.1E-19	1.1E-16	2.0E-15	4.2E-16	1.6E-14	7.3E-11	2.9E-09	9.1E-12	9.7E-10	2.1E-17	1.7E-15
1,2,3,4,6,7,8-HpCDF	1.0E-19	1.1E-16	2.0E-15	4.2E-16	1.6E-14	7.3E-11	2.9E-09	9.2E-12	9.7E-10	2.1E-17	1.7E-15
1,2,3,4,7,8,9-HpCDF	1.6E-20	1.2E-17	2.4E-16	4.9E-17	1.9E-15	9.3E-12	3.8E-10	1.2E-12	1.3E-10	2.4E-18	2.1E-16
1,2,3,4,7,8-HxCDD	1.2E-19	1.2E-17	2.3E-16	4.8E-17	1.8E-15	8.7E-12	3.5E-10	1.1E-12	1.2E-10	2.3E-18	2.0E-16
1,2,3,4,7,8-HxCDF	8.2E-19	9.6E-17	1.8E-15	3.8E-16	1.5E-14	7.1E-11	2.9E-09	8.9E-12	9.6E-10	1.9E-17	1.6E-15
1,2,3,6,7,8-HxCDD	2.3E-19	2.5E-17	4.8E-16	9.7E-17	3.8E-15	1.8E-11	7.4E-10	2.3E-12	2.5E-10	4.8E-18	4.1E-16
1,2,3,6,7,8-HxCDF	3.0E-19	3.1E-17	6.1E-16	1.2E-16	4.8E-15	2.3E-11	9.4E-10	2.9E-12	3.1E-10	6.1E-18	5.2E-16
1,2,3,7,8,9-HxCDD	3.3E-19	3.9E-17	7.5E-16	1.5E-16	5.9E-15	2.8E-11	1.1E-09	3.5E-12	3.8E-10	7.5E-18	6.4E-16
1,2,3,7,8,9-HxCDF	2.5E-20	2.2E-18	4.4E-17	8.9E-18	3.5E-16	1.8E-12	7.2E-11	2.2E-13	2.4E-11	4.3E-19	3.8E-17
1,2,3,7,8-PeCDD	6.3E-19	1.4E-17	2.7E-16	5.4E-17	2.1E-15	1.1E-11	4.5E-10	1.4E-12	1.5E-10	2.6E-18	2.3E-16
1,2,3,7,8-PeCDF	8.8E-19	1.6E-17	3.2E-16	6.3E-17	2.5E-15	1.6E-11	6.5E-10	2.0E-12	2.2E-10	3.1E-18	2.7E-16

Table H-347 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	4.4E-19	4.9E-17	9.3E-16	1.9E-16	7.3E-15	3.6E-11	1.4E-09	4.5E-12	4.8E-10	9.5E-18	7.9E-16
2,3,4,7,8-PeCDF	1.4E-18	3.8E-17	7.5E-16	1.5E-16	6.0E-15	3.5E-11	1.4E-09	4.4E-12	4.8E-10	7.4E-18	6.4E-16
2,3,7,8-TCDD	2.1E-19	2.8E-18	4.0E-17	1.1E-17	3.2E-16	4.4E-12	1.5E-10	5.6E-13	5.0E-11	3.7E-16	2.4E-14
2,3,7,8-TCDF	6.9E-19	5.1E-18	1.0E-16	2.0E-17	8.0E-16	1.6E-11	6.7E-10	2.0E-12	2.2E-10	9.8E-19	8.6E-17
OCDD	1.4E-21	7.2E-17	1.3E-15	2.8E-16	1.0E-14	4.8E-11	1.9E-09	6.0E-12	6.4E-10	1.4E-17	1.1E-15
OCDF	5.3E-22	2.8E-17	5.0E-16	1.1E-16	3.9E-15	1.8E-11	7.0E-10	2.3E-12	2.3E-10	5.4E-18	4.2E-16
HCN											
Hydrogen cyanide						1.4E-05	5.3E-04	1.7E-06	1.8E-04		
Metals											
Aluminum				8.1E-04						4.0E-05	
Antimony	1.3E-18			3.7E-08		8.9E-07	2.2E-05	1.1E-07	7.4E-06	1.8E-09	
Arsenic	7.0E-17	1.7E-08	4.1E-18	4.0E-08	2.0E-17	5.1E-08	1.8E-06	6.4E-09	6.0E-07	3.2E-09	3.5E-18
Barium	1.9E-13			2.3E-10	8.1E-09	1.1E-05	2.9E-04	1.3E-06	9.7E-05	1.1E-11	8.7E-10
Beryllium	2.8E-18			9.0E-17	3.4E-15	3.7E-09	1.2E-07	4.6E-10	4.1E-08	4.4E-18	3.6E-16
Cadmium	7.2E-16			7.0E-17	2.7E-15	6.5E-08	2.3E-06	8.1E-09	7.6E-07	3.4E-18	2.9E-16
Chromium	2.1E-16			6.1E-12	2.4E-10	5.5E-07	2.0E-05	6.9E-08	6.6E-06	3.0E-13	2.6E-11
Cobalt				1.5E-06	7.5E-10	8.4E-07	1.5E-05	1.1E-07	5.1E-06	7.6E-08	8.1E-11
Copper				2.5E-11	9.5E-10	1.5E-06	5.2E-05	1.9E-07	1.7E-05	1.2E-12	1.0E-10
Iron				1.5E-03						7.2E-05	
Lead	5.9E-19			7.3E-06	3.3E-13	5.1E-07	1.7E-05	6.4E-08	5.6E-06	3.6E-07	3.5E-14
Manganese				6.8E-14	2.6E-12	4.7E-07	1.6E-05	5.8E-08	5.4E-06	3.3E-15	2.8E-13
Mercury (+2)				2.8E-15	8.5E-14	2.0E-09	7.1E-08	2.5E-10	2.4E-08	1.3E-16	9.2E-15
Mercury, elemental				1.9E-09		8.4E-12	3.0E-10	1.1E-12	9.9E-11	3.7E-06	
Methyl Mercury	7.2E-16			1.6E-16	6.3E-15					8.0E-18	6.8E-16

Table H-347 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	2.8E-16			3.4E-05	1.3E-14	3.0E-07	1.0E-05	3.7E-08	3.4E-06	1.7E-06	1.4E-15
Phosphorus				6.4E-16	2.4E-14	2.3E-06	7.4E-05	2.8E-07	2.5E-05	6.2E-12	5.0E-10
Selenium	2.4E-17			3.5E-18	1.3E-16	1.5E-08	5.2E-07	1.9E-09	1.7E-07	1.7E-19	1.4E-17
Silver	1.7E-17			6.4E-14	2.4E-12	9.8E-09	3.2E-07	1.2E-09	1.1E-07	3.1E-15	2.6E-13
Titanium				6.9E-16	2.8E-14	5.2E-09	2.0E-07	6.5E-10	6.5E-08	3.4E-17	3.0E-15
Zinc	3.5E-13			1.6E-14	5.6E-13	1.2E-05	3.4E-04	1.5E-06	1.1E-04	7.7E-16	6.0E-14
NOx											
NOx (Oxides of Nitrogen)						1.3E-04	4.5E-03	1.7E-05	1.5E-03		
PAHs											
1-Methylnaphthalene		2.0E-17	4.2E-16	1.9E-17	7.6E-16	2.8E-06	1.2E-04	3.5E-07	3.9E-05	2.1E-14	1.9E-12
1-Methylphenanthrene				1.2E-14	5.2E-13	3.4E-07	1.4E-05	4.2E-08	4.7E-06	6.1E-16	5.6E-14
2,3,5-Trimethylnaphthalene				5.8E-15	2.5E-13	1.7E-07	7.2E-06	2.1E-08	2.4E-06	2.9E-16	2.7E-14
2,6-Dimethylnaphthalene				1.6E-14	6.7E-13	4.4E-07	1.9E-05	5.5E-08	6.2E-06	7.8E-16	7.3E-14
2-Methylnaphthalene		2.0E-17	4.0E-16	1.8E-17	7.4E-16	2.7E-06	1.1E-04	3.4E-07	3.8E-05	2.1E-14	1.9E-12
Acenaphthylene				5.1E-14	2.2E-12	1.6E-06	6.8E-05	2.0E-07	2.3E-05	2.5E-15	2.3E-13
Acenaphthene	2.9E-16					3.0E-07	1.2E-05	3.7E-08	4.1E-06		
Anthracene	3.7E-15					5.2E-07	2.2E-05	6.5E-08	7.3E-06		
Benzo(a)anthracene	5.3E-13	7.7E-07	3.4E-12	7.0E-07	6.3E-12	2.6E-07	1.1E-05	3.2E-08	3.7E-06	1.1E-05	2.1E-10
Benzo(a)pyrene	2.6E-13	6.5E-07	1.5E-12	5.9E-07	2.6E-12	1.0E-07	4.2E-06	1.3E-08	1.4E-06	2.9E-08	2.9E-13
Benzo(b)fluoranthene	7.1E-14	1.0E-06	7.9E-14	9.5E-07	1.4E-13	1.1E-07	4.5E-06	1.4E-08	1.5E-06	4.7E-08	1.5E-14
Benzo(e)pyrene				2.9E-15	1.1E-13	8.6E-08	3.5E-06	1.1E-08	1.2E-06	1.4E-16	1.2E-14
Benzo(g,h,i)perylene				2.2E-15	8.7E-14	6.6E-08	2.7E-06	8.2E-09	9.1E-07	1.1E-16	9.4E-15
Benzo(k)fluoranthene	5.9E-16	5.7E-07	4.7E-14	5.1E-07	8.6E-14	1.0E-09	1.8E-08	1.2E-10	5.9E-09	2.5E-08	9.2E-15
Biphenyl				2.9E-16	1.2E-14	9.5E-06	4.0E-04	1.2E-06	1.3E-04	1.7E-13	1.5E-11

Table H-347 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	9.1E-14	8.1E-07	4.1E-12	7.3E-07	7.5E-12	4.4E-07	1.8E-05	5.5E-08	6.0E-06	3.6E-08	8.1E-13
Dibenze(a,h)anthracene	1.3E-14	1.3E-07	5.1E-13	1.1E-07	9.3E-13	1.6E-08	6.5E-07	2.0E-09	2.2E-07	5.6E-09	1.0E-13
Fluoranthene	2.4E-14	5.4E-15	1.1E-13	5.0E-15	2.0E-13	6.4E-07	2.7E-05	8.0E-08	8.9E-06	2.4E-16	2.2E-14
Fluorene	5.2E-15					1.6E-06	6.8E-05	2.0E-07	2.3E-05		
Indeno(1,2,3-cd)pyrene	3.3E-14	1.7E-07	1.4E-12	1.5E-07	2.6E-12	5.3E-08	2.2E-06	6.6E-09	7.3E-07	7.4E-09	2.8E-13
Napthalene	2.4E-15	1.6E-08		1.5E-08		1.3E-05	5.3E-04	1.6E-06	1.8E-04	2.1E-05	
Perylene				1.1E-15	5.3E-14	4.0E-08	1.7E-06	4.9E-09	5.8E-07	5.5E-17	5.7E-15
Phenanthrene	2.5E-14					3.0E-06	1.2E-04	3.8E-07	4.1E-05		
Pyrene	1.7E-14	1.8E-14	3.8E-13	1.7E-14	6.9E-13	6.3E-07	2.6E-05	7.8E-08	8.7E-06	4.7E-13	4.2E-11
Particulate											
Particulate Total Suspended Particulate				2.6E-10	1.0E-08	2.0E-03	7.7E-02	2.5E-04	2.6E-02	1.3E-11	1.1E-09
PM<10				3.3E-10	1.4E-08	2.6E-03	1.0E-01	3.3E-04	3.5E-02	1.6E-11	1.5E-09
PM<2.5				2.7E-10	1.1E-08	2.3E-03	9.0E-02	2.8E-04	3.0E-02	1.3E-11	1.2E-09
PCBs											
Dichlorobiphenyl	5.2E-16	4.9E-17	9.8E-16	4.2E-17	1.7E-15	8.0E-09	3.3E-07	9.9E-10	1.1E-07	3.9E-15	3.4E-13
Heptachlorobiphenyl	2.0E-17	5.7E-18	1.1E-16	4.8E-18	1.9E-16	1.1E-10	4.4E-09	1.4E-11	1.5E-09	2.5E-16	2.1E-14
Hexachlorobiphenyl	8.0E-17	2.6E-17	4.6E-16	2.2E-17	7.9E-16	4.6E-10	1.8E-08	5.7E-11	5.9E-09	1.1E-15	8.8E-14
Monochlorobiphenyl	3.6E-15	3.4E-16	6.8E-15	2.9E-16	1.2E-14	5.5E-08	2.3E-06	6.9E-09	7.6E-07	2.7E-14	2.4E-12
Nonachlorobiphenyl	2.5E-18	1.0E-18	1.6E-17	8.5E-19	2.7E-17	1.5E-11	5.5E-10	1.9E-12	1.8E-10	4.3E-17	3.0E-15
Octachlorobiphenyl	5.8E-18	1.9E-18	3.4E-17	1.6E-18	5.7E-17	3.3E-11	1.3E-09	4.2E-12	4.3E-10	8.0E-17	6.4E-15
Pentachlorobiphenyl	2.6E-16	9.3E-17	1.6E-15	7.9E-17	2.7E-15	1.6E-09	5.9E-08	2.0E-10	2.0E-08	4.0E-15	3.0E-13
Tetrachlorobiphenyl	1.6E-16	1.9E-17	3.2E-16	1.6E-17	5.4E-16	2.6E-09	9.7E-08	3.2E-10	3.2E-08	1.5E-15	1.1E-13
Trichlorobiphenyl	2.0E-16	2.3E-17	4.0E-16	1.9E-17	6.8E-16	3.3E-09	1.3E-07	4.1E-10	4.2E-08	1.8E-15	1.4E-13
Pesticides											

Table H-347 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
DDE				5.5E-08						1.7E-06	
Dieldrin		5.3E-09		6.2E-09						3.1E-10	
SVOCs											
1,2,4-trichlorobenzene						2.3E-08	7.4E-07	2.9E-09	2.5E-07		
1,2-dichlorobenzene	2.4E-19					9.3E-09	1.7E-07	1.2E-09	5.5E-08		
1,3-Butadiene						2.3E-03					
1,3-dichlorobenzene	5.9E-19					1.4E-08	4.7E-07	1.7E-09	1.6E-07		
1,4-dichlorobenzene	7.9E-18					1.3E-07	5.8E-06	1.6E-08	1.9E-06		
2,4-Dimethylphenol	2.2E-16					2.0E-06	8.1E-05	2.5E-07	2.7E-05		
2-Chlorophenol	1.1E-17					4.1E-07	1.8E-05	5.1E-08	5.9E-06		
2-Methylphenol	4.5E-15					4.8E-06	2.0E-04	6.0E-07	6.7E-05		
2-Nitrophenol	2.7E-17					6.5E-07	2.7E-05	8.1E-08	8.9E-06		
3-Methylphenol & 4-Methylphenol				3.2E-13	1.3E-11	8.6E-06	3.6E-04	1.1E-06	1.2E-04	1.5E-14	1.4E-12
4-Nitrophenol	5.6E-17					1.1E-06	4.1E-05	1.3E-07	1.4E-05		
Acetophenone	3.4E-16					1.0E-05	4.2E-04	1.3E-06	1.4E-04		
Benzoic acid	1.4E-15					4.6E-05	1.9E-03	5.8E-06	6.4E-04		
Benzyl alcohol	8.4E-19					3.9E-07	1.2E-05	4.8E-08	3.9E-06		
bis(2-Ethylhexyl) phthalate	4.2E-14	5.8E-13	1.0E-11	6.8E-13	2.4E-11	1.6E-05	6.3E-04	2.0E-06	2.1E-04	3.3E-14	2.6E-12
Butyl benzyl phthalate	1.5E-14	2.8E-16	5.7E-15	3.3E-16	1.3E-14	5.1E-07	2.1E-05	6.4E-08	7.1E-06	1.6E-17	1.5E-15
Carbazole				1.2E-15	2.2E-14	1.4E-08	2.6E-07	1.8E-09	8.6E-08	5.9E-17	2.4E-15
Dibenzofuran		1.2E-17	2.5E-16	4.8E-17	1.9E-15	8.2E-07	3.4E-05	1.0E-07	1.1E-05	2.1E-14	1.8E-12
Dimethyl phthalate	5.5E-18					2.9E-08	5.1E-07	3.6E-09	1.7E-07		
Di-n-butyl phthalate	1.4E-13	2.8E-16	5.7E-15	3.3E-16	1.4E-14	7.9E-07	3.3E-05	9.8E-08	1.1E-05	1.6E-17	1.5E-15
Di-n-octyl phthalate	1.1E-18	8.1E-16	7.4E-15	9.5E-16	1.8E-14	5.5E-08	9.8E-07	6.9E-09	3.3E-07	4.7E-17	1.9E-15

Table H-347 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	5.8E-16					3.8E-06	6.8E-05	4.8E-07	2.3E-05		
Isopropanol						2.7E-01					
Phenol	1.3E-14					2.6E-05	1.1E-03	3.2E-06	3.6E-04		
Pyridine	6.6E-16					2.4E-06	1.0E-04	3.1E-07	3.4E-05		
TRS											
Total Reduced Sulfur						2.5E-05	1.1E-03	3.1E-06	3.6E-04		
VOCs											
1,1,1,2-Tetrachloroethane	2.3E-19					1.2E-08	3.9E-07	1.4E-09	1.3E-07		
1,1,1-Trichloroethane	1.5E-20					1.1E-08	4.3E-07	1.4E-09	1.4E-07		
1,1-Dichloroethene	5.1E-22					2.2E-09	4.0E-08	2.8E-10	1.3E-08		
1,2,3-Trichlorobenzene	1.6E-17					4.6E-08	1.7E-06	5.7E-09	5.7E-07		
1,2,3-Trichloropropane	9.3E-20					9.3E-09	1.7E-07	1.2E-09	5.5E-08		
1,2,4-Trimethylbenzene						5.3E-07	1.7E-05	6.7E-08	5.6E-06		
1,2-Dibromoethane	3.2E-20					5.9E-09	1.1E-07	7.4E-10	3.5E-08		
1,2-Dichloroethane	1.0E-18					2.4E-07	9.0E-06	8.6E-05	3.0E-06		
1,3,5-Trimethylbenzene	5.2E-18					5.0E-07	1.5E-05	6.3E-08	5.0E-06		
1,3-Dichloropropane						5.7E-09	1.0E-07	7.2E-10	3.4E-08		
2-Butanone	2.1E-16					2.8E-06	1.1E-04	3.5E-07	3.7E-05		
2-Chlorotoluene						1.3E-07	5.2E-06	1.6E-08	1.7E-06		
2-Hexanone						5.8E-07	2.1E-05	7.2E-08	7.0E-06		
Benzene	1.7E-16					9.4E-03	2.9E-03	8.3E-04	9.7E-04		
Bromobenzene						3.2E-06	5.7E-05	4.0E-07	1.9E-05		
Bromochloromethane						7.6E-09	1.3E-07	9.4E-10	4.5E-08		
Bromodichloromethane	2.7E-20					8.2E-09	1.5E-07	1.0E-09	4.9E-08		

Table H-347 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromomethane	1.1E-19					3.3E-07	9.8E-06	4.1E-08	3.3E-06		
Carbon disulfide	1.1E-19					2.9E-07	8.4E-06	3.6E-08	2.8E-06		
Carbon tetrachloride	1.2E-20					1.2E-02	3.3E-07	1.3E-03	1.1E-07		
Chlorobenzene	4.0E-18					4.1E-07	1.5E-05	5.2E-08	4.9E-06		
Chlorodibromomethane	1.6E-18					2.0E-07	3.6E-06	2.5E-08	1.2E-06		
Chloroethane	3.2E-19					7.8E-07	2.7E-05	9.8E-08	9.1E-06		
Chloroform	2.4E-19					2.7E-03	3.3E-06	2.1E-04	1.1E-06		
Chloromethane	8.4E-19					2.7E-06	8.0E-05	3.3E-07	2.7E-05		
cis-1,2-Dichloroethene	3.3E-19					3.4E-07	6.1E-06	4.3E-08	2.0E-06		
cis-1,3-Dichloropropene						2.1E-09	3.7E-08	2.6E-10	1.2E-08		
Dibromomethane	3.6E-20					1.7E-08	3.1E-07	2.2E-09	1.0E-07		
Dichlorodifluoromethane	4.0E-22					2.1E-08	3.8E-07	2.7E-09	1.3E-07		
Ethylbenzene	1.3E-16					4.5E-03	6.3E-04	2.1E-06	2.1E-04		
Isopropylbenzene	1.7E-19					1.4E-06	4.6E-05	1.7E-07	1.5E-05		
m&p-Xylene	2.0E-17					3.1E-06	1.1E-04	3.9E-07	3.5E-05		
Methyl Isobutyl Ketone (4-methyl-2-per	2.1E-19					3.1E-08	5.4E-07	3.8E-09	1.8E-07		
Methylene chloride	2.2E-18					1.5E-06	5.7E-05	1.9E-07	1.9E-05		
n-Butylbenzene						6.7E-07	2.0E-05	8.3E-08	6.6E-06		
n-Propylbenzene						8.0E-07	2.6E-05	1.0E-07	8.8E-06		
o-Xylene	2.4E-17					2.0E-06	6.5E-05	2.5E-07	2.2E-05		
p-Chlorotoluene						4.8E-08	1.4E-06	5.9E-09	4.8E-07		
p-Isopropyltoluene						3.3E-07	7.9E-06	4.1E-08	2.6E-06		
sec-Butylbenzene						1.2E-07	3.7E-06	1.5E-08	1.2E-06		
Styrene	8.0E-16					4.4E-05	1.6E-03	5.5E-06	5.3E-04		

Table H-347 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	
	Locally Caught Fish (mg/kg-day)	with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)
tert-Butylbenzene						3.9E-06	7.0E-05	4.9E-07	2.3E-05				
Tetrachloroethene	5.7E-20					1.0E-08	3.6E-07	1.3E-09	1.2E-07				
Toluene	1.3E-16					2.7E-05	1.1E-03	3.4E-06	3.5E-04				
trans-1,2-Dichloroethene	5.0E-18					7.2E-06	1.3E-04	9.1E-07	4.3E-05				
trans-1,3-Dichloropropene						3.6E-09	6.5E-08	4.5E-10	2.2E-08				
Trichloroethene	5.8E-22					3.1E-03	1.1E-08	7.8E-11	3.7E-09				
Trichlorofluoromethane	9.0E-22					7.5E-09	1.3E-07	9.4E-10	4.4E-08				
Vinyl chloride	4.1E-20					2.5E-04	1.0E-05	5.3E-08	3.4E-06				

Table H-348 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	3.0E-05	1.0E-07	9.9E-06		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	5.2E-05	1.8E-07	1.7E-05		
Formaldehyde	4.5E-13					6.2E-07	2.0E-05	7.7E-08	6.8E-06		
Propionaldehyde				2.2E-15	7.2E-14	1.6E-07	5.8E-06	2.0E-08	1.9E-06	1.7E-14	1.2E-12
CO											
Carbon monoxide						4.5E-05	1.7E-03	5.6E-06	5.6E-04		
CO2											
Carbon dioxide						1.4E-06	5.0E-05	1.8E-07	1.7E-05		
Criteria											
Sulfur Dioxide						3.8E-07	1.2E-05	4.7E-08	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	4.0E-14	8.5E-15	3.2E-13	8.5E-13	3.4E-11	1.1E-13	1.1E-11	4.2E-19	3.4E-17
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	4.1E-14	8.6E-15	3.2E-13	8.6E-13	3.4E-11	1.1E-13	1.1E-11	4.2E-19	3.5E-17
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	4.9E-15	9.9E-16	3.9E-14	1.1E-13	4.4E-12	1.4E-14	1.5E-12	4.8E-20	4.2E-18
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	4.7E-15	9.7E-16	3.7E-14	1.0E-13	4.1E-12	1.3E-14	1.4E-12	4.7E-20	4.0E-18
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	3.8E-14	7.7E-15	3.0E-13	8.3E-13	3.3E-11	1.0E-13	1.1E-11	3.8E-19	3.2E-17
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	9.7E-15	2.0E-15	7.7E-14	2.1E-13	8.7E-12	2.7E-14	2.9E-12	9.7E-20	8.3E-18
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	1.2E-14	2.5E-15	9.8E-14	2.7E-13	1.1E-11	3.4E-14	3.6E-12	1.2E-19	1.1E-17
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.5E-14	3.1E-15	1.2E-13	3.2E-13	1.3E-11	4.1E-14	4.4E-12	1.5E-19	1.3E-17
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	8.9E-16	1.8E-16	7.1E-15	2.1E-14	8.4E-13	2.6E-15	2.8E-13	8.8E-21	7.6E-19
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	5.4E-15	1.1E-15	4.3E-14	1.3E-13	5.3E-12	1.6E-14	1.8E-12	5.4E-20	4.6E-18
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	6.4E-15	1.3E-15	5.1E-14	1.8E-13	7.5E-12	2.3E-14	2.5E-12	6.3E-20	5.5E-18

Table H-348 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.9E-14	3.9E-15	1.5E-13	4.2E-13	1.7E-11	5.2E-14	5.6E-12	1.9E-19	1.6E-17
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.5E-14	3.1E-15	1.2E-13	4.1E-13	1.7E-11	5.2E-14	5.6E-12	1.5E-19	1.3E-17
2,3,7,8-TCDD	2.7E-18	5.5E-17	8.0E-16	2.2E-16	6.3E-15	5.2E-14	1.7E-12	6.5E-15	5.8E-13	7.4E-18	4.7E-16
2,3,7,8-TCDF	8.2E-18	1.0E-16	2.0E-15	4.0E-16	1.6E-14	1.9E-13	7.8E-12	2.4E-14	2.6E-12	2.0E-20	1.7E-18
OCDD	2.5E-20	1.5E-15	2.7E-14	5.8E-15	2.1E-13	5.6E-13	2.2E-11	7.0E-14	7.4E-12	2.8E-19	2.3E-17
OCDF	9.3E-21	5.7E-16	1.0E-14	2.2E-15	8.0E-14	2.1E-13	8.2E-12	2.6E-14	2.7E-12	1.1E-19	8.6E-18
HCN											
Hydrogen cyanide						1.6E-07	6.2E-06	2.0E-08	2.1E-06		
Metals											
Aluminum				9.4E-03						4.6E-07	
Antimony	1.6E-17			4.3E-07		1.0E-08	2.6E-07	1.3E-09	8.6E-08	2.1E-11	
Arsenic	8.1E-16	2.0E-07	4.8E-17	4.6E-07	2.3E-16	5.9E-10	2.1E-08	7.4E-11	7.0E-09	3.8E-11	4.1E-20
Barium	2.7E-12			4.4E-09	1.5E-07	1.3E-07	3.4E-06	1.6E-08	1.1E-06	2.1E-13	1.6E-11
Beryllium	3.3E-17			1.0E-15	3.9E-14	4.3E-11	1.5E-09	5.4E-12	4.8E-10	5.1E-20	4.3E-18
Cadmium	8.3E-15			8.2E-16	3.1E-14	7.6E-10	2.6E-08	9.5E-11	8.8E-09	4.0E-20	3.4E-18
Chromium	2.8E-15			9.6E-11	3.7E-09	6.5E-09	2.3E-07	8.1E-10	7.7E-08	4.7E-15	4.0E-13
Cobalt				1.8E-05	1.4E-08	9.8E-09	1.8E-07	1.2E-09	6.0E-08	8.8E-10	1.5E-12
Copper				4.5E-10	1.7E-08	1.8E-08	6.1E-07	2.2E-09	2.0E-07	2.2E-14	1.8E-12
Iron				1.7E-02						8.4E-07	
Lead	6.9E-18			8.6E-05	3.8E-12	6.0E-09	2.0E-07	7.5E-10	6.5E-08	4.2E-09	4.1E-16
Manganese				8.0E-13	3.1E-11	5.5E-09	1.9E-07	6.8E-10	6.3E-08	3.9E-17	3.3E-15
Mercury (+2)				6.4E-14	2.0E-12	2.4E-11	8.3E-10	2.9E-12	2.8E-10	3.1E-18	2.1E-16
Mercury, elemental				2.3E-08		9.8E-14	3.5E-12	1.2E-14	1.2E-12	4.3E-08	
Methyl Mercury	1.3E-14			3.8E-15	1.5E-13					1.9E-19	1.6E-17

Table H-348 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			4.0E-04	1.6E-13	3.5E-09	1.2E-07	4.3E-10	4.0E-08	2.0E-08	1.7E-17
Phosphorus				7.5E-15	2.8E-13	2.6E-08	8.6E-07	3.3E-09	2.9E-07	7.2E-14	5.9E-12
Selenium	2.8E-16			4.0E-17	1.6E-15	1.7E-10	6.1E-09	2.2E-11	2.0E-09	2.0E-21	1.7E-19
Silver	2.1E-16			8.5E-13	3.2E-11	1.1E-10	3.7E-09	1.4E-11	1.2E-09	4.2E-17	3.4E-15
Titanium				8.0E-15	3.2E-13	6.1E-11	2.3E-09	7.6E-12	7.6E-10	3.9E-19	3.5E-17
Zinc	4.1E-12			1.8E-13	6.5E-12	1.4E-07	3.9E-06	1.7E-08	1.3E-06	9.0E-18	7.0E-16
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	5.2E-05	2.0E-07	1.7E-05		
PAHs											
1-Methylnaphthalene		2.4E-16	4.9E-15	2.2E-16	8.9E-15	3.3E-08	1.4E-06	4.1E-09	4.6E-07	2.5E-16	2.2E-14
1-Methylphenanthrene				1.5E-13	6.0E-12	3.9E-09	1.7E-07	4.9E-10	5.5E-08	7.1E-18	6.5E-16
2,3,5-Trimethylnaphthalene				6.8E-14	3.0E-12	1.9E-09	8.4E-08	2.4E-10	2.8E-08	3.3E-18	3.2E-16
2,6-Dimethylnaphthalene				1.9E-13	7.9E-12	5.1E-09	2.2E-07	6.4E-10	7.3E-08	9.1E-18	8.5E-16
2-Methylnaphthalene		2.3E-16	4.7E-15	2.1E-16	8.6E-15	3.2E-08	1.3E-06	4.0E-09	4.4E-07	2.4E-16	2.2E-14
Acenaphthylene				6.0E-13	2.5E-11	1.9E-08	8.0E-07	2.4E-09	2.7E-07	2.9E-17	2.7E-15
Acenaphthene	3.4E-15					3.5E-09	1.4E-07	4.3E-10	4.8E-08		
Anthracene	4.3E-14					6.1E-09	2.6E-07	7.6E-10	8.6E-08		
Benzo(a)anthracene	6.2E-12	9.0E-06	4.4E-11	8.1E-06	8.0E-11	3.0E-09	1.3E-07	3.7E-10	4.3E-08	1.2E-07	2.7E-12
Benzo(a)pyrene	3.1E-12	7.5E-06	1.8E-11	6.8E-06	3.3E-11	1.2E-09	4.9E-08	1.5E-10	1.6E-08	3.4E-10	3.6E-15
Benzo(b)fluoranthene	8.3E-13	1.2E-05	1.0E-12	1.1E-05	1.8E-12	1.3E-09	5.3E-08	1.6E-10	1.8E-08	5.5E-10	2.0E-16
Benzo(e)pyrene				3.4E-14	1.3E-12	1.0E-09	4.1E-08	1.3E-10	1.4E-08	1.7E-18	1.4E-16
Benzo(g,h,i)perylene				2.5E-14	1.0E-12	7.7E-10	3.2E-08	9.6E-11	1.1E-08	1.2E-18	1.1E-16
Benzo(k)fluoranthene	7.9E-15	6.6E-06	7.3E-13	6.0E-06	1.3E-12	1.2E-11	2.1E-10	1.5E-12	6.9E-11	2.9E-10	1.4E-16
Biphenyl				3.3E-15	1.4E-13	1.1E-07	4.7E-06	1.4E-08	1.6E-06	2.0E-15	1.8E-13

Table H-348 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	1.1E-12	9.4E-06	5.6E-11	8.6E-06	1.0E-10	5.1E-09	2.1E-07	6.4E-10	7.1E-08	4.2E-10	1.1E-14
Dibenze(a,h)anthracene	1.6E-13	1.5E-06	6.8E-12	1.3E-06	1.2E-11	1.9E-10	7.6E-09	2.3E-11	2.5E-09	6.5E-11	1.3E-15
Fluoranthene	2.8E-13	6.8E-14	1.4E-12	6.1E-14	2.5E-12	7.5E-09	3.1E-07	9.4E-10	1.0E-07	3.0E-18	2.7E-16
Fluorene	6.1E-14					1.9E-08	7.9E-07	2.3E-09	2.6E-07		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.9E-06	1.8E-11	1.8E-06	3.3E-11	6.2E-10	2.5E-08	7.7E-11	8.5E-09	8.6E-11	3.6E-15
Napthalene	2.8E-14	1.9E-07		1.7E-07		1.5E-07	6.2E-06	1.9E-08	2.1E-06	2.5E-07	
Perylene				1.3E-14	6.2E-13	4.6E-10	2.0E-08	5.8E-11	6.8E-09	6.5E-19	6.6E-17
Phenanthrene	2.9E-13					3.5E-08	1.5E-06	4.4E-09	4.8E-07		
Pyrene	2.0E-13	2.8E-13	5.7E-12	2.5E-13	1.0E-11	7.3E-09	3.0E-07	9.1E-10	1.0E-07	7.1E-15	6.4E-13
Particulate											
Particulate Total Suspended Particulate				3.0E-09	1.2E-07	2.3E-05	9.0E-04	2.9E-06	3.0E-04	1.5E-13	1.3E-11
PM<10				3.8E-09	1.6E-07	3.1E-05	1.2E-03	3.9E-06	4.0E-04	1.9E-13	1.7E-11
PM<2.5				3.2E-09	1.3E-07	2.6E-05	1.0E-03	3.3E-06	3.5E-04	1.6E-13	1.4E-11
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	2.0E-14	8.3E-16	3.3E-14	9.3E-11	3.8E-09	1.2E-11	1.3E-09	7.8E-17	6.8E-15
Heptachlorobiphenyl	2.3E-16	1.2E-16	2.2E-15	9.8E-17	3.8E-15	1.3E-12	5.1E-11	1.6E-13	1.7E-11	5.0E-18	4.2E-16
Hexachlorobiphenyl	9.4E-16	5.2E-16	9.4E-15	4.4E-16	1.6E-14	5.3E-12	2.1E-10	6.7E-13	6.9E-11	2.3E-17	1.8E-15
Monochlorobiphenyl	4.3E-14	6.9E-15	1.4E-13	5.8E-15	2.3E-13	6.5E-10	2.7E-08	8.1E-11	8.9E-09	5.4E-16	4.7E-14
Nonachlorobiphenyl	2.9E-17	2.0E-17	3.2E-16	1.7E-17	5.4E-16	1.8E-13	6.4E-12	2.2E-14	2.1E-12	8.8E-19	6.0E-17
Octachlorobiphenyl	6.9E-17	3.8E-17	6.9E-16	3.2E-17	1.2E-15	3.9E-13	1.5E-11	4.9E-14	5.1E-12	1.6E-18	1.3E-16
Pentachlorobiphenyl	3.1E-15	1.9E-15	3.2E-14	1.6E-15	5.5E-14	1.8E-11	6.9E-10	2.3E-12	2.3E-10	8.1E-17	6.1E-15
Tetrachlorobiphenyl	1.8E-15	3.8E-16	6.4E-15	3.2E-16	1.1E-14	3.0E-11	1.1E-09	3.8E-12	3.8E-10	3.0E-17	2.2E-15
Trichlorobiphenyl	2.4E-15	4.5E-16	8.1E-15	3.8E-16	1.4E-14	3.8E-11	1.5E-09	4.8E-12	4.9E-10	3.6E-17	2.8E-15
Pesticides											

Table H-348 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
DDE				6.4E-07						2.0E-08	
Dieldrin		6.2E-08		7.3E-08						3.6E-12	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	8.7E-09	3.4E-11	2.9E-09		
1,2-dichlorobenzene	2.8E-18					1.1E-10	1.9E-09	1.4E-11	6.5E-10		
1,3-Butadiene						2.7E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	5.5E-09	2.0E-11	1.8E-09		
1,4-dichlorobenzene	9.2E-17					1.5E-09	6.8E-08	1.9E-10	2.3E-08		
2,4-Dimethylphenol	2.5E-15					2.4E-08	9.5E-07	3.0E-09	3.2E-07		
2-Chlorophenol	1.3E-16					4.7E-09	2.1E-07	5.9E-10	6.9E-08		
2-Methylphenol	5.3E-14					5.6E-08	2.3E-06	7.0E-09	7.8E-07		
2-Nitrophenol	3.2E-16					7.6E-09	3.1E-07	9.4E-10	1.0E-07		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.5E-10	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.8E-16	1.7E-14
4-Nitrophenol	6.5E-16					1.3E-08	4.8E-07	1.6E-09	1.6E-07		
Acetophenone	3.9E-15					1.2E-07	4.9E-06	1.5E-08	1.6E-06		
Benzoic acid	1.6E-14					5.4E-07	2.2E-05	6.7E-08	7.5E-06		
Benzyl alcohol	9.8E-18					4.5E-09	1.4E-07	5.6E-10	4.5E-08		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	1.2E-10	8.0E-12	2.9E-10	1.9E-07	7.4E-06	2.4E-08	2.5E-06	3.9E-16	3.1E-14
Butyl benzyl phthalate	1.8E-13	3.3E-15	6.6E-14	3.8E-15	1.6E-13	6.0E-09	2.5E-07	7.5E-10	8.3E-08	1.9E-19	1.7E-17
Carbazole				1.4E-14	2.6E-13	1.7E-10	3.0E-09	2.1E-11	1.0E-09	6.9E-19	2.8E-17
Dibenzofuran		1.4E-16	2.9E-15	5.7E-16	2.3E-14	9.5E-09	3.9E-07	1.2E-09	1.3E-07	2.4E-16	2.1E-14
Dimethyl phthalate	6.5E-17					3.3E-10	5.9E-09	4.2E-11	2.0E-09		
Di-n-butyl phthalate	1.7E-12	3.3E-15	6.7E-14	3.9E-15	1.6E-13	9.2E-09	3.8E-07	1.1E-09	1.3E-07	1.9E-19	1.7E-17
Di-n-octyl phthalate	1.3E-17	9.4E-15	8.7E-14	1.1E-14	2.1E-13	6.4E-10	1.1E-08	8.0E-11	3.8E-09	5.5E-19	2.2E-17

Table H-348 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	7.9E-07	5.5E-09	2.6E-07		
Isopropanol						3.2E-03					
Phenol	1.5E-13					3.0E-07	1.2E-05	3.8E-08	4.2E-06		
Pyridine	7.7E-15					2.9E-08	1.2E-06	3.6E-09	4.0E-07		
TRS											
Total Reduced Sulfur						2.9E-07	1.3E-05	3.6E-08	4.2E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	4.6E-09	1.7E-11	1.5E-09		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	5.0E-09	1.7E-11	1.7E-09		
1,1-Dichloroethene	6.0E-21					2.6E-11	4.6E-10	3.2E-12	1.5E-10		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	2.0E-08	6.7E-11	6.6E-09		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	1.9E-09	1.4E-11	6.4E-10		
1,2,4-Trimethylbenzene						6.2E-09	2.0E-07	7.8E-10	6.6E-08		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.2E-09	8.6E-12	4.1E-10		
1,2-Dichloroethane	1.2E-17					2.8E-09	1.0E-07	1.0E-06	3.5E-08		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.7E-07	7.3E-10	5.8E-08		
1,3-Dichloropropane						6.7E-11	1.2E-09	8.4E-12	4.0E-10		
2-Butanone	2.4E-15					3.3E-08	1.3E-06	4.1E-09	4.4E-07		
2-Chlorotoluene						1.5E-09	6.1E-08	1.8E-10	2.0E-08		
2-Hexanone						6.8E-09	2.5E-07	8.4E-10	8.2E-08		
Benzene	2.0E-15					1.1E-04	3.4E-05	9.7E-06	1.1E-05		
Bromobenzene						3.7E-08	6.6E-07	4.7E-09	2.2E-07		
Bromochloromethane						8.8E-11	1.6E-09	1.1E-11	5.2E-10		
Bromodichloromethane	3.1E-19					9.5E-11	1.7E-09	1.2E-11	5.7E-10		

Table H-348 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	1.1E-07	4.8E-10	3.8E-08		
Carbon disulfide	1.3E-18					3.3E-09	9.8E-08	4.2E-10	3.3E-08		
Carbon tetrachloride	1.3E-19					1.4E-04	3.9E-09	1.5E-05	1.3E-09		
Chlorobenzene	4.7E-17					4.8E-09	1.7E-07	6.0E-10	5.7E-08		
Chlorodibromomethane	1.8E-17					2.4E-09	4.2E-08	3.0E-10	1.4E-08		
Chloroethane	3.7E-18					9.1E-09	3.2E-07	1.1E-09	1.1E-07		
Chloroform	2.8E-18					3.2E-05	3.8E-08	2.4E-06	1.3E-08		
Chloromethane	9.8E-18					3.1E-08	9.4E-07	3.9E-09	3.1E-07		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	7.1E-08	5.0E-10	2.4E-08		
cis-1,3-Dichloropropene						2.4E-11	4.3E-10	3.0E-12	1.4E-10		
Dibromomethane	4.2E-19					2.0E-10	3.6E-09	2.5E-11	1.2E-09		
Dichlorodifluoromethane	4.7E-21					2.5E-10	4.4E-09	3.1E-11	1.5E-09		
Ethylbenzene	1.5E-15					5.3E-05	7.4E-06	2.4E-08	2.5E-06		
Isopropylbenzene	2.0E-18					1.6E-08	5.4E-07	2.0E-09	1.8E-07		
m&p-Xylene	2.4E-16					3.6E-08	1.2E-06	4.6E-09	4.1E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	6.4E-09	4.5E-11	2.1E-09		
Methylene chloride	2.6E-17					1.8E-08	6.6E-07	2.3E-09	2.2E-07		
n-Butylbenzene						7.8E-09	2.3E-07	9.7E-10	7.7E-08		
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07		
o-Xylene	2.8E-16					2.3E-08	7.6E-07	2.9E-09	2.5E-07		
p-Chlorotoluene						5.5E-10	1.7E-08	6.9E-11	5.6E-09		
p-Isopropyltoluene						3.8E-09	9.2E-08	4.8E-10	3.1E-08		
sec-Butylbenzene						1.4E-09	4.3E-08	1.8E-10	1.4E-08		
Styrene	9.4E-15					5.1E-07	1.9E-05	6.4E-08	6.2E-06		

Table H-348 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Derma Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)
tert-Butylbenzene						4.6E-08	8.1E-07	5.7E-09	2.7E-07			
Tetrachloroethene	6.6E-19					1.2E-10	4.2E-09	1.5E-11	1.4E-09			
Toluene	1.6E-15					3.2E-07	1.2E-05	3.9E-08	4.1E-06			
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	1.5E-06	1.1E-08	5.0E-07			
trans-1,3-Dichloropropene						4.2E-11	7.5E-10	5.3E-12	2.5E-10			
Trichloroethene	6.8E-21					3.7E-05	1.3E-10	9.1E-13	4.3E-11			
Trichlorofluoromethane	1.0E-20					8.7E-11	1.6E-09	1.1E-11	5.2E-10			
Vinyl chloride	4.8E-19					3.0E-06	1.2E-07	6.2E-10	4.0E-08			

Table H-349 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			7.2E-05	9.0E-06	
Aldehydes					
Acetaldehyde			1.2E-04	1.6E-05	
Formaldehyde			5.3E-05	6.6E-06	
Propionaldehyde		1.9E-16	1.4E-05	1.7E-06	1.4E-12
CO					
Carbon monoxide			3.8E-03	4.8E-04	
CO2					
Carbon dioxide			1.2E-04	1.5E-05	
Criteria					
Sulfur Dioxide			3.2E-05	4.1E-06	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	1.1E-16	4.2E-16	7.3E-11	9.1E-12	2.1E-17
1,2,3,4,6,7,8-HpCDF	1.1E-16	4.2E-16	7.3E-11	9.2E-12	2.1E-17
1,2,3,4,7,8,9-HpCDF	1.2E-17	4.9E-17	9.3E-12	1.2E-12	2.4E-18
1,2,3,4,7,8-HxCDD	1.2E-17	4.8E-17	8.7E-12	1.1E-12	2.3E-18
1,2,3,4,7,8-HxCDF	9.6E-17	3.8E-16	7.1E-11	8.9E-12	1.9E-17
1,2,3,6,7,8-HxCDD	2.5E-17	9.7E-17	1.8E-11	2.3E-12	4.8E-18
1,2,3,6,7,8-HxCDF	3.1E-17	1.2E-16	2.3E-11	2.9E-12	6.1E-18
1,2,3,7,8,9-HxCDD	3.9E-17	1.5E-16	2.8E-11	3.5E-12	7.5E-18
1,2,3,7,8,9-HxCDF	2.2E-18	8.9E-18	1.8E-12	2.2E-13	4.3E-19

Table H-349 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	1.4E-17	5.4E-17	1.1E-11	1.4E-12	2.6E-18
1,2,3,7,8-PeCDF	1.6E-17	6.3E-17	1.6E-11	2.0E-12	3.1E-18
2,3,4,6,7,8-HxCDF	4.9E-17	1.9E-16	3.6E-11	4.5E-12	9.5E-18
2,3,4,7,8-PeCDF	3.8E-17	1.5E-16	3.5E-11	4.4E-12	7.4E-18
2,3,7,8-TCDD	2.8E-18	1.1E-17	4.4E-12	5.6E-13	3.7E-16
2,3,7,8-TCDF	5.1E-18	2.0E-17	1.6E-11	2.0E-12	9.8E-19
OCDD	7.2E-17	2.8E-16	4.8E-11	6.0E-12	1.4E-17
OCDF	2.8E-17	1.1E-16	1.8E-11	2.3E-12	5.4E-18
HCN					
Hydrogen cyanide			1.4E-05	1.7E-06	
Metals					
Aluminum		9.3E-04			4.5E-05
Antimony		2.2E-08	8.9E-07	1.1E-07	1.1E-09
Arsenic	5.1E-08	1.2E-07	5.1E-08	6.4E-09	9.9E-09
Barium		2.3E-10	1.1E-05	1.3E-06	1.1E-11
Beryllium		9.0E-17	3.7E-09	4.6E-10	4.4E-18
Cadmium		7.0E-17	6.5E-08	8.1E-09	3.4E-18
Chromium		6.1E-12	5.5E-07	6.9E-08	3.0E-13
Cobalt		2.7E-06	8.4E-07	1.1E-07	1.3E-07
Copper		2.5E-11	1.5E-06	1.9E-07	1.2E-12
Iron		2.2E-03			1.1E-04
Lead		7.7E-06	5.1E-07	6.4E-08	3.8E-07

Table H-349 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		6.8E-14	4.7E-07	5.8E-08	3.3E-15
Mercury (+2)		2.8E-15	2.0E-09	2.5E-10	1.3E-16
Mercury, elemental		8.4E-08	8.4E-12	1.1E-12	1.6E-04
Methyl Mercury		1.6E-16			8.0E-18
Nickel		5.0E-05	3.0E-07	3.7E-08	2.5E-06
Phosphorus		6.4E-16	2.3E-06	2.8E-07	6.2E-12
Selenium		3.5E-18	1.5E-08	1.9E-09	1.7E-19
Silver		6.4E-14	9.8E-09	1.2E-09	3.1E-15
Thallium (Soluble Salts)		2.3E-08			1.1E-09
Titanium		6.9E-16	5.2E-09	6.5E-10	3.4E-17
Zinc		1.6E-14	1.2E-05	1.5E-06	7.7E-16
NOx					
NOx (Oxides of Nitrogen)			1.3E-04	1.7E-05	
PAHs					
1-Methylnaphthalene	2.0E-17	1.9E-17	2.8E-06	3.5E-07	2.1E-14
1-Methylphenanthrene		1.2E-14	3.4E-07	4.2E-08	6.1E-16
2,3,5-Trimethylnaphthalene		5.8E-15	1.7E-07	2.1E-08	2.9E-16
2,6-Dimethylnaphthalene		1.6E-14	4.4E-07	5.5E-08	7.8E-16
2-Methylnaphthalene	2.0E-17	1.8E-17	2.7E-06	3.4E-07	2.1E-14
Acenaphthylene		5.1E-14	1.6E-06	2.0E-07	2.5E-15
Acenaphthene			3.0E-07	3.7E-08	
Anthracene			5.2E-07	6.5E-08	

Table H-349 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)anthracene	7.7E-09	7.0E-09	2.6E-07	3.2E-08	1.1E-07
Benzo(a)pyrene	7.2E-09	6.6E-09	1.0E-07	1.3E-08	3.2E-10
Benzo(b)fluoranthene	1.1E-08	1.0E-08	1.1E-07	1.4E-08	5.0E-10
Benzo(e)pyrene		2.9E-15	8.6E-08	1.1E-08	1.4E-16
Benzo(g,h,i)perylene		2.2E-15	6.6E-08	8.2E-09	1.1E-16
Benzo(k)fluoranthene	6.1E-09	5.5E-09	1.0E-09	1.2E-10	2.7E-10
Biphenyl		2.9E-16	9.5E-06	1.2E-06	1.7E-13
Chrysene	9.7E-09	8.8E-09	4.4E-07	5.5E-08	4.3E-10
Dibenzo(a,h)anthracene	1.7E-09	1.5E-09	1.6E-08	2.0E-09	7.6E-11
Fluoranthene	5.4E-15	5.0E-15	6.4E-07	8.0E-08	2.4E-16
Fluorene			1.6E-06	2.0E-07	
Indeno(1,2,3-cd)pyrene	4.8E-09	4.4E-09	5.3E-08	6.6E-09	2.2E-10
Napthalene			1.3E-05	1.6E-06	
Perylene		1.1E-15	4.0E-08	4.9E-09	5.5E-17
Phenanthrene			3.0E-06	3.8E-07	
Pyrene	1.8E-14	1.7E-14	6.3E-07	7.8E-08	4.7E-13
Particulate					
Particulate Total Suspended Particulate		2.6E-10	2.0E-03	2.5E-04	1.3E-11
PM<10		3.3E-10	2.6E-03	3.3E-04	1.6E-11
PM<2.5		2.7E-10	2.3E-03	2.8E-04	1.3E-11
PCBs					
Dichlorobiphenyl	4.9E-17	4.2E-17	8.0E-09	9.9E-10	3.9E-15

Table H-349 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Heptachlorobiphenyl	5.7E-18	4.8E-18	1.1E-10	1.4E-11	2.5E-16
Hexachlorobiphenyl	2.6E-17	2.2E-17	4.6E-10	5.7E-11	1.1E-15
Monochlorobiphenyl	3.4E-16	2.9E-16	5.5E-08	6.9E-09	2.7E-14
Nonachlorobiphenyl	1.0E-18	8.5E-19	1.5E-11	1.9E-12	4.3E-17
Octachlorobiphenyl	1.9E-18	1.6E-18	3.3E-11	4.2E-12	8.0E-17
Pentachlorobiphenyl	9.3E-17	7.9E-17	1.6E-09	2.0E-10	4.0E-15
Tetrachlorobiphenyl	1.9E-17	1.6E-17	2.6E-09	3.2E-10	1.5E-15
Trichlorobiphenyl	2.3E-17	1.9E-17	3.3E-09	4.1E-10	1.8E-15
Pesticides					
DDE		7.7E-09			2.4E-07
Dieldrin	4.0E-11	4.8E-11			2.3E-12
SVOCs					
1,2,4-trichlorobenzene			2.3E-08	2.9E-09	
1,2-dichlorobenzene			9.3E-09	1.2E-09	
1,3-dichlorobenzene			1.4E-08	1.7E-09	
1,4-dichlorobenzene			1.3E-07	1.6E-08	
1,4-Dioxane			1.1E-02		
2,4-Dimethylphenol			2.0E-06	2.5E-07	
2-Chlorophenol			4.1E-07	5.1E-08	
2-Methylphenol			4.8E-06	6.0E-07	
2-Nitrophenol			6.5E-07	8.1E-08	
3-Methylphenol & 4-Methylphenol		3.2E-13	8.6E-06	1.1E-06	1.5E-14

Table H-349 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
4-Nitrophenol			1.1E-06	1.3E-07	
Acetophenone			1.0E-05	1.3E-06	
Benzoic acid			4.6E-05	5.8E-06	
Benzyl alcohol			3.9E-07	4.8E-08	
bis(2-Ethylhexyl) phthalate	5.8E-13	6.8E-13	1.6E-05	2.0E-06	3.3E-14
Butyl benzyl phthalate	2.8E-16	3.3E-16	5.1E-07	6.4E-08	1.6E-17
Carbazole		1.2E-15	1.4E-08	1.8E-09	5.9E-17
Dibenzofuran	1.2E-17	4.8E-17	8.2E-07	1.0E-07	2.1E-14
Dimethyl phthalate			2.9E-08	3.6E-09	
Di-n-butyl phthalate	2.8E-16	3.3E-16	7.9E-07	9.8E-08	1.6E-17
Di-n-octyl phthalate	8.1E-16	9.5E-16	5.5E-08	6.9E-09	4.7E-17
Hexachlorobutadiene			3.8E-06	4.8E-07	
Isopropanol			1.7E-01		
Phenol			2.6E-05	3.2E-06	
Pyridine			2.4E-06	3.1E-07	
TRS					
Total Reduced Sulfur			2.5E-05	3.1E-06	
VOCs					
1,1,1,2-Tetrachloroethane			1.2E-08	1.4E-09	
1,1,1-Trichloroethane			1.1E-08	1.4E-09	
1,1-Dichloroethene			2.2E-09	2.8E-10	
1,2,3-Trichlorobenzene			4.6E-08	5.7E-09	

Table H-349 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3-Trichloropropane			9.3E-09	1.2E-09	
1,2,4-Trimethylbenzene			5.3E-07	6.7E-08	
1,2-Dibromoethane			5.9E-09	7.4E-10	
1,2-Dichloroethane			2.4E-07	8.6E-05	
1,3,5-Trimethylbenzene			5.0E-07	6.3E-08	
1,3-Dichloropropane			5.7E-09	7.2E-10	
2-Butanone			2.8E-06	3.5E-07	
2-Chlorotoluene			1.3E-07	1.6E-08	
2-Hexanone			5.8E-07	7.2E-08	
Benzene			5.5E-03	8.3E-04	
Bromobenzene			3.2E-06	4.0E-07	
Bromochloromethane			7.6E-09	9.4E-10	
Bromodichloromethane			8.2E-09	1.0E-09	
Bromomethane			3.3E-07	4.1E-08	
Carbon disulfide			2.9E-07	3.6E-08	
Carbon tetrachloride			1.1E-02	1.3E-03	
Chlorobenzene			4.1E-07	5.2E-08	
Chlorodibromomethane			2.0E-07	2.5E-08	
Chloroethane			7.8E-07	9.8E-08	
Chloroform			3.7E-03	2.1E-04	
Chloromethane			2.7E-06	3.3E-07	
cis-1,2-Dichloroethene			3.4E-07	4.3E-08	

Table H-349 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
cis-1,3-Dichloropropene			2.1E-09	2.6E-10	
Dibromomethane			1.7E-08	2.2E-09	
Dichlorodifluoromethane			2.1E-08	2.7E-09	
Ethylbenzene			3.1E-03	2.1E-06	
Isopropylbenzene			1.4E-06	1.7E-07	
m&p-Xylene			3.1E-06	3.9E-07	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.1E-08	3.8E-09	
Methylene chloride			1.5E-06	1.9E-07	
n-Butylbenzene			6.7E-07	8.3E-08	
n-Propylbenzene			8.0E-07	1.0E-07	
o-Xylene			2.0E-06	2.5E-07	
p-Chlorotoluene			4.8E-08	5.9E-09	
p-Isopropyltoluene			3.3E-07	4.1E-08	
sec-Butylbenzene			1.2E-07	1.5E-08	
Styrene			4.4E-05	5.5E-06	
tert-Butylbenzene			3.9E-06	4.9E-07	
Tetrachloroethene			1.0E-08	1.3E-09	
Toluene			2.7E-05	3.4E-06	
trans-1,2-Dichloroethene			7.2E-06	9.1E-07	
trans-1,3-Dichloropropene			3.6E-09	4.5E-10	
Trichloroethene			8.6E-04	7.8E-11	
Trichlorofluoromethane			7.5E-09	9.4E-10	

Table H-349 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Vinyl chloride			1.2E-03	5.3E-08	

Table H-350 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			8.4E-07	1.0E-07	
Aldehydes					
Acetaldehyde			1.4E-06	1.8E-07	
Formaldehyde			6.2E-07	7.7E-08	
Propionaldehyde		2.2E-15	1.6E-07	2.0E-08	1.7E-14
CO					
Carbon monoxide			4.5E-05	5.6E-06	
CO2					
Carbon dioxide			1.4E-06	1.8E-07	
Criteria					
Sulfur Dioxide			3.8E-07	4.7E-08	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	2.2E-15	8.5E-15	8.5E-13	1.1E-13	4.2E-19
1,2,3,4,6,7,8-HpCDF	2.2E-15	8.6E-15	8.6E-13	1.1E-13	4.2E-19
1,2,3,4,7,8,9-HpCDF	2.5E-16	9.9E-16	1.1E-13	1.4E-14	4.8E-20
1,2,3,4,7,8-HxCDD	2.5E-16	9.7E-16	1.0E-13	1.3E-14	4.7E-20
1,2,3,4,7,8-HxCDF	2.0E-15	7.7E-15	8.3E-13	1.0E-13	3.8E-19
1,2,3,6,7,8-HxCDD	5.0E-16	2.0E-15	2.1E-13	2.7E-14	9.7E-20
1,2,3,6,7,8-HxCDF	6.4E-16	2.5E-15	2.7E-13	3.4E-14	1.2E-19
1,2,3,7,8,9-HxCDD	7.9E-16	3.1E-15	3.2E-13	4.1E-14	1.5E-19
1,2,3,7,8,9-HxCDF	4.6E-17	1.8E-16	2.1E-14	2.6E-15	8.8E-21

Table H-350 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	2.8E-16	1.1E-15	1.3E-13	1.6E-14	5.4E-20
1,2,3,7,8-PeCDF	3.3E-16	1.3E-15	1.8E-13	2.3E-14	6.3E-20
2,3,4,6,7,8-HxCDF	1.0E-15	3.9E-15	4.2E-13	5.2E-14	1.9E-19
2,3,4,7,8-PeCDF	7.8E-16	3.1E-15	4.1E-13	5.2E-14	1.5E-19
2,3,7,8-TCDD	5.5E-17	2.2E-16	5.2E-14	6.5E-15	7.4E-18
2,3,7,8-TCDF	1.0E-16	4.0E-16	1.9E-13	2.4E-14	2.0E-20
OCDD	1.5E-15	5.8E-15	5.6E-13	7.0E-14	2.8E-19
OCDF	5.7E-16	2.2E-15	2.1E-13	2.6E-14	1.1E-19
HCN					
Hydrogen cyanide			1.6E-07	2.0E-08	
Metals					
Aluminum		1.1E-02			5.3E-07
Antimony		2.6E-07	1.0E-08	1.3E-09	1.3E-11
Arsenic	6.0E-07	1.4E-06	5.9E-10	7.4E-11	1.2E-10
Barium		4.4E-09	1.3E-07	1.6E-08	2.1E-13
Beryllium		1.0E-15	4.3E-11	5.4E-12	5.1E-20
Cadmium		8.2E-16	7.6E-10	9.5E-11	4.0E-20
Chromium		9.6E-11	6.5E-09	8.1E-10	4.7E-15
Cobalt		3.1E-05	9.8E-09	1.2E-09	1.5E-09
Copper		4.5E-10	1.8E-08	2.2E-09	2.2E-14
Iron		2.5E-02			1.2E-06
Lead		9.0E-05	6.0E-09	7.5E-10	4.4E-09

Table H-350 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		8.0E-13	5.5E-09	6.8E-10	3.9E-17
Mercury (+2)		6.4E-14	2.4E-11	2.9E-12	3.1E-18
Mercury, elemental		9.8E-07	9.8E-14	1.2E-14	1.9E-06
Methyl Mercury		3.8E-15			1.9E-19
Nickel		5.8E-04	3.5E-09	4.3E-10	2.9E-08
Phosphorus		7.5E-15	2.6E-08	3.3E-09	7.2E-14
Selenium		4.0E-17	1.7E-10	2.2E-11	2.0E-21
Silver		8.5E-13	1.1E-10	1.4E-11	4.2E-17
Thallium (Soluble Salts)		2.7E-07			1.3E-11
Titanium		8.0E-15	6.1E-11	7.6E-12	3.9E-19
Zinc		1.8E-13	1.4E-07	1.7E-08	9.0E-18
NOx					
NOx (Oxides of Nitrogen)			1.6E-06	2.0E-07	
PAHs					
1-Methylnaphthalene	2.4E-16	2.2E-16	3.3E-08	4.1E-09	2.5E-16
1-Methylphenanthrene		1.5E-13	3.9E-09	4.9E-10	7.1E-18
2,3,5-Trimethylnaphthalene		6.8E-14	1.9E-09	2.4E-10	3.3E-18
2,6-Dimethylnaphthalene		1.9E-13	5.1E-09	6.4E-10	9.1E-18
2-Methylnaphthalene	2.3E-16	2.1E-16	3.2E-08	4.0E-09	2.4E-16
Acenaphthylene		6.0E-13	1.9E-08	2.4E-09	2.9E-17
Acenaphthene			3.5E-09	4.3E-10	
Anthracene			6.1E-09	7.6E-10	

Table H-350 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)anthracene	9.0E-08	8.1E-08	3.0E-09	3.7E-10	1.2E-09
Benzo(a)pyrene	8.5E-08	7.7E-08	1.2E-09	1.5E-10	3.8E-12
Benzo(b)fluoranthene	1.3E-07	1.2E-07	1.3E-09	1.6E-10	5.9E-12
Benzo(e)pyrene		3.4E-14	1.0E-09	1.3E-10	1.7E-18
Benzo(g,h,i)perylene		2.5E-14	7.7E-10	9.6E-11	1.2E-18
Benzo(k)fluoranthene	7.1E-08	6.4E-08	1.2E-11	1.5E-12	3.1E-12
Biphenyl		3.3E-15	1.1E-07	1.4E-08	2.0E-15
Chrysene	1.1E-07	1.0E-07	5.1E-09	6.4E-10	5.0E-12
Dibenzo(a,h)anthracene	2.0E-08	1.8E-08	1.9E-10	2.3E-11	8.8E-13
Fluoranthene	6.8E-14	6.1E-14	7.5E-09	9.4E-10	3.0E-18
Fluorene			1.9E-08	2.3E-09	
Indeno(1,2,3-cd)pyrene	5.7E-08	5.1E-08	6.2E-10	7.7E-11	2.5E-12
Napthalene			1.5E-07	1.9E-08	
Perylene		1.3E-14	4.6E-10	5.8E-11	6.5E-19
Phenanthrene			3.5E-08	4.4E-09	
Pyrene	2.8E-13	2.5E-13	7.3E-09	9.1E-10	7.1E-15
Particulate					
Particulate Total Suspended Particulate		3.0E-09	2.3E-05	2.9E-06	1.5E-13
PM<10		3.8E-09	3.1E-05	3.9E-06	1.9E-13
PM<2.5		3.2E-09	2.6E-05	3.3E-06	1.6E-13
PCBs					
Dichlorobiphenyl	9.9E-16	8.3E-16	9.3E-11	1.2E-11	7.8E-17

Table H-350 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Heptachlorobiphenyl	1.2E-16	9.8E-17	1.3E-12	1.6E-13	5.0E-18
Hexachlorobiphenyl	5.2E-16	4.4E-16	5.3E-12	6.7E-13	2.3E-17
Monochlorobiphenyl	6.9E-15	5.8E-15	6.5E-10	8.1E-11	5.4E-16
Nonachlorobiphenyl	2.0E-17	1.7E-17	1.8E-13	2.2E-14	8.8E-19
Octachlorobiphenyl	3.8E-17	3.2E-17	3.9E-13	4.9E-14	1.6E-18
Pentachlorobiphenyl	1.9E-15	1.6E-15	1.8E-11	2.3E-12	8.1E-17
Tetrachlorobiphenyl	3.8E-16	3.2E-16	3.0E-11	3.8E-12	3.0E-17
Trichlorobiphenyl	4.5E-16	3.8E-16	3.8E-11	4.8E-12	3.6E-17
Pesticides					
DDE		9.0E-08			2.9E-09
Dieldrin	4.7E-10	5.6E-10			2.7E-14
SVOCs					
1,2,4-trichlorobenzene			2.7E-10	3.4E-11	
1,2-dichlorobenzene			1.1E-10	1.4E-11	
1,3-dichlorobenzene			1.6E-10	2.0E-11	
1,4-dichlorobenzene			1.5E-09	1.9E-10	
1,4-Dioxane			1.3E-04		
2,4-Dimethylphenol			2.4E-08	3.0E-09	
2-Chlorophenol			4.7E-09	5.9E-10	
2-Methylphenol			5.6E-08	7.0E-09	
2-Nitrophenol			7.6E-09	9.4E-10	
3-Methylphenol & 4-Methylphenol		3.7E-12	1.0E-07	1.3E-08	1.8E-16

Table H-350 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
4-Nitrophenol			1.3E-08	1.6E-09	
Acetophenone			1.2E-07	1.5E-08	
Benzoic acid			5.4E-07	6.7E-08	
Benzyl alcohol			4.5E-09	5.6E-10	
bis(2-Ethylhexyl) phthalate	6.7E-12	8.0E-12	1.9E-07	2.4E-08	3.9E-16
Butyl benzyl phthalate	3.3E-15	3.8E-15	6.0E-09	7.5E-10	1.9E-19
Carbazole		1.4E-14	1.7E-10	2.1E-11	6.9E-19
Dibenzofuran	1.4E-16	5.7E-16	9.5E-09	1.2E-09	2.4E-16
Dimethyl phthalate			3.3E-10	4.2E-11	
Di-n-butyl phthalate	3.3E-15	3.9E-15	9.2E-09	1.1E-09	1.9E-19
Di-n-octyl phthalate	9.4E-15	1.1E-14	6.4E-10	8.0E-11	5.5E-19
Hexachlorobutadiene			4.4E-08	5.5E-09	
Isopropanol			2.0E-03		
Phenol			3.0E-07	3.8E-08	
Pyridine			2.9E-08	3.6E-09	
TRS					
Total Reduced Sulfur			2.9E-07	3.6E-08	
VOCs					
1,1,1,2-Tetrachloroethane			1.3E-10	1.7E-11	
1,1,1-Trichloroethane			1.3E-10	1.7E-11	
1,1-Dichloroethene			2.6E-11	3.2E-12	
1,2,3-Trichlorobenzene			5.3E-10	6.7E-11	

Table H-350 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3-Trichloropropane			1.1E-10	1.4E-11	
1,2,4-Trimethylbenzene			6.2E-09	7.8E-10	
1,2-Dibromoethane			6.9E-11	8.6E-12	
1,2-Dichloroethane			2.8E-09	1.0E-06	
1,3,5-Trimethylbenzene			5.9E-09	7.3E-10	
1,3-Dichloropropane			6.7E-11	8.4E-12	
2-Butanone			3.3E-08	4.1E-09	
2-Chlorotoluene			1.5E-09	1.8E-10	
2-Hexanone			6.8E-09	8.4E-10	
Benzene			6.4E-05	9.7E-06	
Bromobenzene			3.7E-08	4.7E-09	
Bromochloromethane			8.8E-11	1.1E-11	
Bromodichloromethane			9.5E-11	1.2E-11	
Bromomethane			3.8E-09	4.8E-10	
Carbon disulfide			3.3E-09	4.2E-10	
Carbon tetrachloride			1.3E-04	1.5E-05	
Chlorobenzene			4.8E-09	6.0E-10	
Chlorodibromomethane			2.4E-09	3.0E-10	
Chloroethane			9.1E-09	1.1E-09	
Chloroform			4.3E-05	2.4E-06	
Chloromethane			3.1E-08	3.9E-09	
cis-1,2-Dichloroethene			4.0E-09	5.0E-10	

Table H-350 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
cis-1,3-Dichloropropene			2.4E-11	3.0E-12	
Dibromomethane			2.0E-10	2.5E-11	
Dichlorodifluoromethane			2.5E-10	3.1E-11	
Ethylbenzene			3.7E-05	2.4E-08	
Isopropylbenzene			1.6E-08	2.0E-09	
m&p-Xylene			3.6E-08	4.6E-09	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.6E-10	4.5E-11	
Methylene chloride			1.8E-08	2.3E-09	
n-Butylbenzene			7.8E-09	9.7E-10	
n-Propylbenzene			9.4E-09	1.2E-09	
o-Xylene			2.3E-08	2.9E-09	
p-Chlorotoluene			5.5E-10	6.9E-11	
p-Isopropyltoluene			3.8E-09	4.8E-10	
sec-Butylbenzene			1.4E-09	1.8E-10	
Styrene			5.1E-07	6.4E-08	
tert-Butylbenzene			4.6E-08	5.7E-09	
Tetrachloroethene			1.2E-10	1.5E-11	
Toluene			3.2E-07	3.9E-08	
trans-1,2-Dichloroethene			8.4E-08	1.1E-08	
trans-1,3-Dichloropropene			4.2E-11	5.3E-12	
Trichloroethene			1.0E-05	9.1E-13	
Trichlorofluoromethane			8.7E-11	1.1E-11	

Table H-350 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Vinyl chloride			1.4E-05	6.2E-10	

Table H-351 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						7.2E-05	1.7E-04	9.0E-06	9.0E-06		
Aldehydes											
Acetaldehyde	7.9E-15					1.2E-04	2.9E-04	1.6E-05	1.6E-05		
Formaldehyde	3.9E-14					5.3E-05	1.2E-04	6.6E-06	6.6E-06		
Propionaldehyde				1.9E-16	5.4E-16	1.4E-05	3.1E-05	1.7E-06	1.7E-06	1.4E-12	8.9E-12
CO											
Carbon monoxide						3.8E-03	8.8E-03	4.8E-04	4.8E-04		
CO2											
Carbon dioxide						1.2E-04	2.8E-04	1.5E-05	1.5E-05		
Criteria											
Sulfur Dioxide						3.2E-05	7.5E-05	4.1E-06	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.1E-19	1.1E-16	1.5E-16	4.2E-16	1.2E-15	7.3E-11	1.7E-10	9.1E-12	9.1E-12	2.1E-17	1.3E-16
1,2,3,4,6,7,8-HpCDF	1.0E-19	1.1E-16	1.5E-16	4.2E-16	1.2E-15	7.3E-11	1.7E-10	9.2E-12	9.2E-12	2.1E-17	1.3E-16
1,2,3,4,7,8,9-HpCDF	1.6E-20	1.2E-17	1.7E-17	4.9E-17	1.4E-16	9.3E-12	2.1E-11	1.2E-12	1.2E-12	2.4E-18	1.5E-17
1,2,3,4,7,8-HxCDD	1.2E-19	1.2E-17	1.7E-17	4.8E-17	1.3E-16	8.7E-12	2.0E-11	1.1E-12	1.1E-12	2.3E-18	1.4E-17
1,2,3,4,7,8-HxCDF	8.2E-19	9.6E-17	1.3E-16	3.8E-16	1.1E-15	7.1E-11	1.6E-10	8.9E-12	8.9E-12	1.9E-17	1.1E-16
1,2,3,6,7,8-HxCDD	2.3E-19	2.5E-17	3.4E-17	9.7E-17	2.7E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	4.8E-18	2.9E-17
1,2,3,6,7,8-HxCDF	3.0E-19	3.1E-17	4.4E-17	1.2E-16	3.5E-16	2.3E-11	5.3E-11	2.9E-12	2.9E-12	6.1E-18	3.7E-17
1,2,3,7,8,9-HxCDD	3.3E-19	3.9E-17	5.4E-17	1.5E-16	4.3E-16	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.5E-18	4.6E-17
1,2,3,7,8,9-HxCDF	2.5E-20	2.2E-18	3.1E-18	8.9E-18	2.5E-17	1.8E-12	4.1E-12	2.2E-13	2.2E-13	4.3E-19	2.7E-18
1,2,3,7,8-PeCDD	6.3E-19	1.4E-17	1.9E-17	5.4E-17	1.5E-16	1.1E-11	2.6E-11	1.4E-12	1.4E-12	2.6E-18	1.6E-17
1,2,3,7,8-PeCDF	8.8E-19	1.6E-17	2.2E-17	6.3E-17	1.8E-16	1.6E-11	3.6E-11	2.0E-12	2.0E-12	3.1E-18	1.9E-17

Table H-351 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	4.4E-19	4.9E-17	6.9E-17	1.9E-16	5.4E-16	3.6E-11	8.2E-11	4.5E-12	4.5E-12	9.5E-18	5.8E-17
2,3,4,7,8-PeCDF	1.4E-18	3.8E-17	5.4E-17	1.5E-16	4.2E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	7.4E-18	4.6E-17
2,3,7,8-TCDD	2.1E-19	2.8E-18	3.9E-18	1.1E-17	3.1E-17	4.4E-12	1.0E-11	5.6E-13	5.6E-13	3.7E-16	2.3E-15
2,3,7,8-TCDF	6.9E-19	5.1E-18	7.1E-18	2.0E-17	5.6E-17	1.6E-11	3.8E-11	2.0E-12	2.0E-12	9.8E-19	6.0E-18
OCDD	1.4E-21	7.2E-17	1.0E-16	2.8E-16	8.0E-16	4.8E-11	1.1E-10	6.0E-12	6.0E-12	1.4E-17	8.6E-17
OCDF	5.3E-22	2.8E-17	3.9E-17	1.1E-16	3.1E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.4E-18	3.3E-17
HCN											
Hydrogen cyanide						1.4E-05	3.1E-05	1.7E-06	1.7E-06		
Metals											
Aluminum				9.3E-04	1.7E-03					4.5E-05	1.8E-04
Antimony	1.3E-18			2.2E-08	1.2E-07	8.9E-07	2.1E-06	1.1E-07	1.1E-07	1.1E-09	1.3E-08
Arsenic	7.0E-17	5.1E-08	2.0E-08	1.2E-07	9.3E-08	5.1E-08	1.2E-07	6.4E-09	6.4E-09	9.9E-09	1.7E-08
Barium	1.9E-13			2.3E-10	6.6E-10	1.1E-05	2.5E-05	1.3E-06	1.3E-06	1.1E-11	7.1E-11
Beryllium	2.8E-18			9.0E-17	2.5E-16	3.7E-09	8.5E-09	4.6E-10	4.6E-10	4.4E-18	2.7E-17
Cadmium	7.2E-16			7.0E-17	2.0E-16	6.5E-08	1.5E-07	8.1E-09	8.1E-09	3.4E-18	2.1E-17
Chromium	2.1E-16			6.1E-12	1.7E-11	5.5E-07	1.3E-06	6.9E-08	6.9E-08	3.0E-13	1.8E-12
Cobalt				2.7E-06	3.2E-06	8.4E-07	1.9E-06	1.1E-07	1.1E-07	1.3E-07	3.4E-07
Copper				2.5E-11	7.0E-11	1.5E-06	3.5E-06	1.9E-07	1.9E-07	1.2E-12	7.5E-12
Iron				2.2E-03	3.2E-03					1.1E-04	3.5E-04
Lead	5.9E-19			7.7E-06	2.0E-05	5.1E-07	1.2E-06	6.4E-08	6.4E-08	3.8E-07	2.1E-06
Manganese				6.8E-14	1.9E-13	4.7E-07	1.1E-06	5.8E-08	5.8E-08	3.3E-15	2.1E-14
Mercury (+2)				2.8E-15	7.7E-15	2.0E-09	4.7E-09	2.5E-10	2.5E-10	1.3E-16	8.3E-16
Mercury, elemental				8.4E-08	3.8E-09	8.4E-12	1.9E-11	1.1E-12	1.1E-12	1.6E-04	1.0E-03
Methyl Mercury	7.2E-16			1.6E-16	4.6E-16					8.0E-18	4.9E-17

Table H-351 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	2.8E-16			5.0E-05	6.1E-05	3.0E-07	6.9E-07	3.7E-08	3.7E-08	2.5E-06	6.6E-06
Phosphorus				6.4E-16	1.8E-15	2.3E-06	5.2E-06	2.8E-07	2.8E-07	6.2E-12	3.8E-11
Selenium	2.4E-17			3.5E-18	9.7E-18	1.5E-08	3.5E-08	1.9E-09	1.9E-09	1.7E-19	1.0E-18
Silver	1.7E-17			6.4E-14	1.8E-13	9.8E-09	2.3E-08	1.2E-09	1.2E-09	3.1E-15	1.9E-14
Thallium (Soluble Salts)				2.3E-08	1.4E-08					1.1E-09	1.6E-09
Titanium				6.9E-16	1.9E-15	5.2E-09	1.2E-08	6.5E-10	6.5E-10	3.4E-17	2.1E-16
Zinc	3.5E-13			1.6E-14	4.4E-14	1.2E-05	2.7E-05	1.5E-06	1.5E-06	7.7E-16	4.8E-15
NOx											
NOx (Oxides of Nitrogen)						1.3E-04	3.1E-04	1.7E-05	1.7E-05		
PAHs											
1-Methylnaphthalene		2.0E-17	2.9E-17	1.9E-17	5.2E-17	2.8E-06	6.5E-06	3.5E-07	3.5E-07	2.1E-14	1.3E-13
1-Methylphenanthrene				1.2E-14	3.5E-14	3.4E-07	7.8E-07	4.2E-08	4.2E-08	6.1E-16	3.8E-15
2,3,5-Trimethylnaphthalene				5.8E-15	1.6E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	2.9E-16	1.8E-15
2,6-Dimethylnaphthalene				1.6E-14	4.5E-14	4.4E-07	1.0E-06	5.5E-08	5.5E-08	7.8E-16	4.8E-15
2-Methylnaphthalene		2.0E-17	2.8E-17	1.8E-17	5.0E-17	2.7E-06	6.3E-06	3.4E-07	3.4E-07	2.1E-14	1.3E-13
Acenaphthylene				5.1E-14	1.4E-13	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.5E-15	1.5E-14
Acenaphthene	2.9E-16					3.0E-07	6.8E-07	3.7E-08	3.7E-08		
Anthracene	3.7E-15					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Benzo(a)anthracene	5.3E-13	7.7E-09	4.4E-08	7.0E-09	7.9E-08	2.6E-07	5.9E-07	3.2E-08	3.2E-08	1.1E-07	6.5E-07
Benzo(a)pyrene	2.6E-13	7.2E-09	4.8E-08	6.6E-09	8.8E-08	1.0E-07	2.3E-07	1.3E-08	1.3E-08	3.2E-10	9.5E-09
Benzo(b)fluoranthene	7.1E-14	1.1E-08	6.8E-08	1.0E-08	1.2E-07	1.1E-07	2.6E-07	1.4E-08	1.4E-08	5.0E-10	1.3E-08
Benzo(e)pyrene				2.9E-15	8.2E-15	8.6E-08	2.0E-07	1.1E-08	1.1E-08	1.4E-16	8.8E-16
Benzo(g,h,i)perylene				2.2E-15	6.0E-15	6.6E-08	1.5E-07	8.2E-09	8.2E-09	1.1E-16	6.5E-16
Benzo(k)fluoranthene	5.9E-16	6.1E-09	3.4E-08	5.5E-09	6.2E-08	1.0E-09	2.3E-09	1.2E-10	1.2E-10	2.7E-10	6.7E-09

Table H-351 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				2.9E-16	8.0E-16	9.5E-06	2.2E-05	1.2E-06	1.2E-06	1.7E-13	1.0E-12
Chrysene	9.1E-14	9.7E-09	4.9E-08	8.8E-09	8.9E-08	4.4E-07	1.0E-06	5.5E-08	5.5E-08	4.3E-10	9.6E-09
Dibenze(a,h)anthracene	1.3E-14	1.7E-09	1.2E-08	1.5E-09	2.2E-08	1.6E-08	3.7E-08	2.0E-09	2.0E-09	7.6E-11	2.3E-09
Fluoranthene	2.4E-14	5.4E-15	7.6E-15	5.0E-15	1.4E-14	6.4E-07	1.5E-06	8.0E-08	8.0E-08	2.4E-16	1.5E-15
Fluorene	5.2E-15					1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Indeno(1,2,3-cd)pyrene	3.3E-14	4.8E-09	3.1E-08	4.4E-09	5.7E-08	5.3E-08	1.2E-07	6.6E-09	6.6E-09	2.2E-10	6.1E-09
Napthalene	2.4E-15					1.3E-05	2.9E-05	1.6E-06	1.6E-06		
Perylene				1.1E-15	3.2E-15	4.0E-08	9.1E-08	4.9E-09	4.9E-09	5.5E-17	3.4E-16
Phenanthrene	2.5E-14					3.0E-06	6.9E-06	3.8E-07	3.8E-07		
Pyrene	1.7E-14	1.8E-14	2.6E-14	1.7E-14	4.7E-14	6.3E-07	1.4E-06	7.8E-08	7.8E-08	4.7E-13	2.9E-12
Particulate											
Particulate Total Suspended Particulate				2.6E-10	7.2E-10	2.0E-03	4.6E-03	2.5E-04	2.5E-04	1.3E-11	7.7E-11
PM<10				3.3E-10	9.2E-10	2.6E-03	6.1E-03	3.3E-04	3.3E-04	1.6E-11	9.9E-11
PM<2.5				2.7E-10	7.6E-10	2.3E-03	5.2E-03	2.8E-04	2.8E-04	1.3E-11	8.2E-11
PCBs											
Dichlorobiphenyl	5.2E-16	4.9E-17	6.9E-17	4.2E-17	1.2E-16	8.0E-09	1.8E-08	9.9E-10	9.9E-10	3.9E-15	2.4E-14
Heptachlorobiphenyl	2.0E-17	5.7E-18	8.0E-18	4.8E-18	1.4E-17	1.1E-10	2.5E-10	1.4E-11	1.4E-11	2.5E-16	1.5E-15
Hexachlorobiphenyl	8.0E-17	2.6E-17	3.6E-17	2.2E-17	6.1E-17	4.6E-10	1.1E-09	5.7E-11	5.7E-11	1.1E-15	6.8E-15
Monochlorobiphenyl	3.6E-15	3.4E-16	4.8E-16	2.9E-16	8.1E-16	5.5E-08	1.3E-07	6.9E-09	6.9E-09	2.7E-14	1.7E-13
Nonachlorobiphenyl	2.5E-18	1.0E-18	1.4E-18	8.5E-19	2.4E-18	1.5E-11	3.6E-11	1.9E-12	1.9E-12	4.3E-17	2.7E-16
Octachlorobiphenyl	5.8E-18	1.9E-18	2.6E-18	1.6E-18	4.4E-18	3.3E-11	7.7E-11	4.2E-12	4.2E-12	8.0E-17	4.9E-16
Pentachlorobiphenyl	2.6E-16	9.3E-17	1.3E-16	7.9E-17	2.2E-16	1.6E-09	3.6E-09	2.0E-10	2.0E-10	4.0E-15	2.5E-14
Tetrachlorobiphenyl	1.6E-16	1.9E-17	2.6E-17	1.6E-17	4.5E-17	2.6E-09	6.0E-09	3.2E-10	3.2E-10	1.5E-15	9.2E-15
Trichlorobiphenyl	2.0E-16	2.3E-17	3.2E-17	1.9E-17	5.4E-17	3.3E-09	7.6E-09	4.1E-10	4.1E-10	1.8E-15	1.1E-14

Table H-351 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Pesticides											
DDE				7.7E-09	1.9E-08					2.4E-07	1.5E-06
Dieldrin		4.0E-11	8.5E-10	4.8E-11	2.0E-09					2.3E-12	2.2E-10
SVOCs											
1,2,4-trichlorobenzene						2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2-dichlorobenzene	2.4E-19					9.3E-09	2.2E-08	1.2E-09	1.2E-09		
1,3-dichlorobenzene	5.9E-19					1.4E-08	3.2E-08	1.7E-09	1.7E-09		
1,4-dichlorobenzene	7.9E-18					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
1,4-Dioxane						1.1E-02					
2,4-Dimethylphenol	2.2E-16					2.0E-06	4.7E-06	2.5E-07	2.5E-07		
2-Chlorophenol	1.1E-17					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
2-Methylphenol	4.5E-15					4.8E-06	1.1E-05	6.0E-07	6.0E-07		
2-Nitrophenol	2.7E-17					6.5E-07	1.5E-06	8.1E-08	8.1E-08		
3-Methylphenol & 4-Methylphenol				3.2E-13	8.8E-13	8.6E-06	2.0E-05	1.1E-06	1.1E-06	1.5E-14	9.5E-14
4-Nitrophenol	5.6E-17					1.1E-06	2.5E-06	1.3E-07	1.3E-07		
Acetophenone	3.4E-16					1.0E-05	2.3E-05	1.3E-06	1.3E-06		
Benzoic acid	1.4E-15					4.6E-05	1.1E-04	5.8E-06	5.8E-06		
Benzyl alcohol	8.4E-19					3.9E-07	8.9E-07	4.8E-08	4.8E-08		
bis(2-Ethylhexyl) phthalate	4.2E-14	5.8E-13	8.0E-13	6.8E-13	1.9E-12	1.6E-05	3.8E-05	2.0E-06	2.0E-06	3.3E-14	2.1E-13
Butyl benzyl phthalate	1.5E-14	2.8E-16	3.9E-16	3.3E-16	9.2E-16	5.1E-07	1.2E-06	6.4E-08	6.4E-08	1.6E-17	1.0E-16
Carbazole				1.2E-15	3.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	5.9E-17	3.6E-16
Dibenzofuran		1.2E-17	1.7E-17	4.8E-17	1.4E-16	8.2E-07	1.9E-06	1.0E-07	1.0E-07	2.1E-14	1.3E-13
Dimethyl phthalate	5.5E-18					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
Di-n-butyl phthalate	1.4E-13	2.8E-16	3.9E-16	3.3E-16	9.2E-16	7.9E-07	1.8E-06	9.8E-08	9.8E-08	1.6E-17	9.9E-17

Table H-351 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.1E-18	8.1E-16	1.1E-15	9.5E-16	2.7E-15	5.5E-08	1.3E-07	6.9E-09	6.9E-09	4.7E-17	2.9E-16
Hexachlorobutadiene	5.8E-16					3.8E-06	8.8E-06	4.8E-07	4.8E-07		
Isopropanol						1.7E-01	1.9E-01				
p-Chloroaniline			2.8E-08		6.6E-08						7.2E-09
Phenol	1.3E-14					2.6E-05	6.0E-05	3.2E-06	3.2E-06		
Pyridine	6.6E-16					2.4E-06	5.7E-06	3.1E-07	3.1E-07		
TRS											
Total Reduced Sulfur						2.5E-05	5.8E-05	3.1E-06	3.1E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.3E-19					1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,1,1-Trichloroethane	1.5E-20					1.1E-08	2.6E-08	1.4E-09	1.4E-09		
1,1-Dichloroethene	5.1E-22					2.2E-09	5.1E-09	2.8E-10	2.8E-10		
1,2,3-Trichlorobenzene	1.6E-17					4.6E-08	1.1E-07	5.7E-09	5.7E-09		
1,2,3-Trichloropropane	9.3E-20					9.3E-09	2.1E-08	1.2E-09	1.2E-09		
1,2,4-Trimethylbenzene						5.3E-07	1.2E-06	6.7E-08	6.7E-08		
1,2-Dibromoethane	3.2E-20					5.9E-09	1.4E-08	7.4E-10	7.4E-10		
1,2-Dichloroethane	1.0E-18					2.4E-07	3.8E-03	8.6E-05	8.6E-05		
1,3,5-Trimethylbenzene	5.2E-18					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
1,3-Dichloropropane						5.7E-09	1.3E-08	7.2E-10	7.2E-10		
2-Butanone	2.1E-16					2.8E-06	6.5E-06	3.5E-07	3.5E-07		
2-Chlorotoluene						1.3E-07	2.9E-07	1.6E-08	1.6E-08		
2-Hexanone						5.8E-07	1.3E-06	7.2E-08	7.2E-08		
Benzene	1.7E-16					5.5E-03	2.3E-02	8.3E-04	8.3E-04		
Bromobenzene						3.2E-06	7.4E-06	4.0E-07	4.0E-07		

Table H-351 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromochloromethane						7.6E-09	1.7E-08	9.4E-10	9.4E-10		
Bromodichloromethane	2.7E-20					8.2E-09	2.9E-02	1.0E-09	1.0E-09		
Bromoform							1.3E-01				
Bromomethane	1.1E-19					3.3E-07	7.5E-07	4.1E-08	4.1E-08		
Carbon disulfide	1.1E-19					2.9E-07	6.6E-07	3.6E-08	3.6E-08		
Carbon tetrachloride	1.2E-20					1.1E-02	3.3E-02	1.3E-03	1.3E-03		
Chlorobenzene	4.0E-18					4.1E-07	9.5E-07	5.2E-08	5.2E-08		
Chlorodibromomethane	1.6E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
Chloroethane	3.2E-19					7.8E-07	1.8E-06	9.8E-08	9.8E-08		
Chloroform	2.4E-19					3.7E-03	6.8E-02	2.1E-04	2.1E-04		
Chloromethane	8.4E-19					2.7E-06	6.1E-06	3.3E-07	3.3E-07		
cis-1,2-Dichloroethene	3.3E-19					3.4E-07	7.9E-07	4.3E-08	4.3E-08		
cis-1,3-Dichloropropene						2.1E-09	4.8E-09	2.6E-10	2.6E-10		
Dibromomethane	3.6E-20					1.7E-08	4.0E-08	2.2E-09	2.2E-09		
Dichlorodifluoromethane	4.0E-22					2.1E-08	4.9E-08	2.7E-09	2.7E-09		
Ethylbenzene	1.3E-16					3.1E-03	1.9E-02	2.1E-06	2.1E-06		
Isopropylbenzene	1.7E-19					1.4E-06	3.1E-06	1.7E-07	1.7E-07		
m&p-Xylene	2.0E-17					3.1E-06	7.2E-06	3.9E-07	3.9E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.1E-19					3.1E-08	7.1E-08	3.8E-09	3.8E-09		
Methylene chloride	2.2E-18					1.5E-06	3.6E-06	1.9E-07	1.9E-07		
n-Butylbenzene						6.7E-07	1.5E-06	8.3E-08	8.3E-08		
n-Propylbenzene						8.0E-07	1.9E-06	1.0E-07	1.0E-07		
o-Xylene	2.4E-17					2.0E-06	4.5E-06	2.5E-07	2.5E-07		
p-Chlorotoluene						4.8E-08	1.1E-07	5.9E-09	5.9E-09		

Table H-351 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
p-Isopropyltoluene						3.3E-07	7.6E-07	4.1E-08	4.1E-08		
sec-Butylbenzene						1.2E-07	2.8E-07	1.5E-08	1.5E-08		
Styrene	8.0E-16					4.4E-05	1.0E-04	5.5E-06	5.5E-06		
tert-Butylbenzene						3.9E-06	9.0E-06	4.9E-07	4.9E-07		
Tetrachloroethene	5.7E-20					1.0E-08	2.4E-08	1.3E-09	1.3E-09		
Toluene	1.3E-16					2.7E-05	6.2E-05	3.4E-06	3.4E-06		
trans-1,2-Dichloroethene	5.0E-18					7.2E-06	1.7E-05	9.1E-07	9.1E-07		
trans-1,3-Dichloropropene						3.6E-09	8.4E-09	4.5E-10	4.5E-10		
Trichloroethene	5.8E-22					8.6E-04	3.8E-02	7.8E-11	7.8E-11		
Trichlorofluoromethane	9.0E-22					7.5E-09	1.7E-08	9.4E-10	9.4E-10		
Vinyl chloride	4.1E-20					1.2E-03	9.8E-07	5.3E-08	5.3E-08		

Table H-352 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					6.2E-07	1.4E-06	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19	
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19	
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18	
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19	
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19	
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19	
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20	
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19	
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19	

Table H-352 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.1E-02	2.0E-02					5.3E-07	2.1E-06
Antimony	1.6E-17			2.6E-07	1.4E-06	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.3E-11	1.5E-10
Arsenic	8.1E-16	6.0E-07	2.3E-07	1.4E-06	1.1E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	1.2E-10	2.0E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				3.1E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.5E-09	4.0E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				2.5E-02	3.7E-02					1.2E-06	4.0E-06
Lead	6.9E-18			9.0E-05	2.3E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	4.4E-09	2.5E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				9.8E-07	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	1.9E-06	1.2E-05
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18

Table H-352 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.8E-04	7.1E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.9E-08	7.7E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Thallium (Soluble Salts)				2.7E-07	1.7E-07					1.3E-11	1.8E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	9.0E-08	5.1E-07	8.1E-08	9.3E-07	3.0E-09	6.9E-09	3.7E-10	3.7E-10	1.2E-09	7.6E-09
Benzo(a)pyrene	3.1E-12	8.5E-08	5.6E-07	7.7E-08	1.0E-06	1.2E-09	2.7E-09	1.5E-10	1.5E-10	3.8E-12	1.1E-10
Benzo(b)fluoranthene	8.3E-13	1.3E-07	7.9E-07	1.2E-07	1.4E-06	1.3E-09	3.0E-09	1.6E-10	1.6E-10	5.9E-12	1.5E-10
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	7.1E-08	4.0E-07	6.4E-08	7.2E-07	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.1E-12	7.8E-11

Table H-352 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	1.1E-07	5.7E-07	1.0E-07	1.0E-06	5.1E-09	1.2E-08	6.4E-10	6.4E-10	5.0E-12	1.1E-10
Dibenze(a,h)anthracene	1.6E-13	2.0E-08	1.4E-07	1.8E-08	2.5E-07	1.9E-10	4.3E-10	2.3E-11	2.3E-11	8.8E-13	2.7E-11
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	5.7E-08	3.6E-07	5.1E-08	6.6E-07	6.2E-10	1.4E-09	7.7E-11	7.7E-11	2.5E-12	7.1E-11
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16

Table H-352 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				9.0E-08	2.2E-07					2.9E-09	1.8E-08
Dieldrin		4.7E-10	1.0E-08	5.6E-10	2.4E-08					2.7E-14	2.5E-12
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
1,4-Dioxane						1.3E-04					
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18

Table H-352 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						2.0E-03	2.3E-03				
p-Chloroaniline			3.3E-07		7.7E-07						8.4E-11
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	4.4E-05	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					6.4E-05	2.7E-04	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		

Table H-352 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	3.4E-04	1.2E-11	1.2E-11		
Bromoform							1.5E-03				
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.3E-04	3.9E-04	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					4.3E-05	7.9E-04	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					3.7E-05	2.2E-04	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-pent	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		

Table H-352 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					1.0E-05	4.5E-04	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					1.4E-05	1.1E-08	6.2E-10	6.2E-10		

Table H-353 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						7.2E-05	1.7E-04	9.0E-06	9.0E-06		
Aldehydes											
Acetaldehyde	7.9E-15					1.2E-04	2.9E-04	1.6E-05	1.6E-05		
Formaldehyde	3.9E-14					5.3E-05	3.4E+00	6.6E-06	6.6E-06		
Propionaldehyde				1.9E-16	5.4E-16	1.4E-05	3.1E-05	1.7E-06	1.7E-06	1.4E-12	8.9E-12
CO											
Carbon monoxide						3.8E-03	8.8E-03	4.8E-04	4.8E-04		
CO2											
Carbon dioxide						1.2E-04	2.8E-04	1.5E-05	1.5E-05		
Criteria											
Sulfur Dioxide						3.2E-05	7.5E-05	4.1E-06	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.1E-19	1.1E-16	1.5E-16	4.2E-16	1.2E-15	7.3E-11	1.7E-10	9.1E-12	9.1E-12	2.1E-17	1.3E-16
1,2,3,4,6,7,8-HpCDF	1.0E-19	1.1E-16	1.5E-16	4.2E-16	1.2E-15	7.3E-11	1.7E-10	9.2E-12	9.2E-12	2.1E-17	1.3E-16
1,2,3,4,7,8,9-HpCDF	1.6E-20	1.2E-17	1.7E-17	4.9E-17	1.4E-16	9.3E-12	2.1E-11	1.2E-12	1.2E-12	2.4E-18	1.5E-17
1,2,3,4,7,8-HxCDD	1.2E-19	1.2E-17	1.7E-17	4.8E-17	1.3E-16	8.7E-12	2.0E-11	1.1E-12	1.1E-12	2.3E-18	1.4E-17
1,2,3,4,7,8-HxCDF	8.2E-19	9.6E-17	1.3E-16	3.8E-16	1.1E-15	7.1E-11	1.6E-10	8.9E-12	8.9E-12	1.9E-17	1.1E-16
1,2,3,6,7,8-HxCDD	2.3E-19	2.5E-17	3.4E-17	9.7E-17	2.7E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	4.8E-18	2.9E-17
1,2,3,6,7,8-HxCDF	3.0E-19	3.1E-17	4.4E-17	1.2E-16	3.5E-16	2.3E-11	5.3E-11	2.9E-12	2.9E-12	6.1E-18	3.7E-17
1,2,3,7,8,9-HxCDD	3.3E-19	3.9E-17	5.4E-17	1.5E-16	4.3E-16	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.5E-18	4.6E-17
1,2,3,7,8,9-HxCDF	2.5E-20	2.2E-18	3.1E-18	8.9E-18	2.5E-17	1.8E-12	4.1E-12	2.2E-13	2.2E-13	4.3E-19	2.7E-18
1,2,3,7,8-PeCDD	6.3E-19	1.4E-17	1.9E-17	5.4E-17	1.5E-16	1.1E-11	2.6E-11	1.4E-12	1.4E-12	2.6E-18	1.6E-17
1,2,3,7,8-PeCDF	8.8E-19	1.6E-17	2.2E-17	6.3E-17	1.8E-16	1.6E-11	3.6E-11	2.0E-12	2.0E-12	3.1E-18	1.9E-17

Table H-353 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	4.4E-19	4.9E-17	6.9E-17	1.9E-16	5.4E-16	3.6E-11	8.2E-11	4.5E-12	4.5E-12	9.5E-18	5.8E-17
2,3,4,7,8-PeCDF	1.4E-18	3.8E-17	5.4E-17	1.5E-16	4.2E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	7.4E-18	4.6E-17
2,3,7,8-TCDD	2.1E-19	2.8E-18	3.9E-18	1.1E-17	3.1E-17	4.4E-12	1.0E-11	5.6E-13	5.6E-13	3.7E-16	2.3E-15
2,3,7,8-TCDF	6.9E-19	5.1E-18	7.1E-18	2.0E-17	5.6E-17	1.6E-11	3.8E-11	2.0E-12	2.0E-12	9.8E-19	6.0E-18
OCDD	1.4E-21	7.2E-17	1.0E-16	2.8E-16	8.0E-16	4.8E-11	1.1E-10	6.0E-12	6.0E-12	1.4E-17	8.6E-17
OCDF	5.3E-22	2.8E-17	3.9E-17	1.1E-16	3.1E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.4E-18	3.3E-17
HCN											
Hydrogen cyanide						1.4E-05	3.1E-05	1.7E-06	1.7E-06		
Metals											
Aluminum				9.3E-04	2.0E-03					4.5E-05	2.2E-04
Antimony	1.3E-18			2.2E-08	4.1E-08	8.9E-07	2.1E-06	1.1E-07	1.1E-07	1.1E-09	4.4E-09
Arsenic	7.0E-17	5.1E-08	3.9E-08	1.2E-07	1.8E-07	5.1E-08	1.2E-07	6.4E-09	6.4E-09	9.9E-09	3.3E-08
Barium	1.9E-13			2.3E-10	6.6E-10	1.1E-05	2.5E-05	1.3E-06	1.3E-06	1.1E-11	7.1E-11
Beryllium	2.8E-18			9.0E-17	2.5E-16	3.7E-09	8.5E-09	4.6E-10	4.6E-10	4.4E-18	2.7E-17
Cadmium	7.2E-16			7.0E-17	2.0E-16	6.5E-08	1.5E-07	8.1E-09	8.1E-09	3.4E-18	2.1E-17
Chromium	2.1E-16			6.1E-12	1.7E-11	5.5E-07	1.3E-06	6.9E-08	6.9E-08	3.0E-13	1.8E-12
Cobalt				2.7E-06	3.2E-06	8.4E-07	1.9E-06	1.1E-07	1.1E-07	1.3E-07	3.4E-07
Copper				2.5E-11	7.0E-11	1.5E-06	3.5E-06	1.9E-07	1.9E-07	1.2E-12	7.5E-12
Iron				2.2E-03	3.4E-03					1.1E-04	3.7E-04
Lead	5.9E-19			7.7E-06	4.5E-06	5.1E-07	1.2E-06	6.4E-08	6.4E-08	3.8E-07	4.9E-07
Manganese				6.8E-14	1.9E-13	4.7E-07	1.1E-06	5.8E-08	5.8E-08	3.3E-15	2.1E-14
Mercury (+2)				2.8E-15	7.7E-15	2.0E-09	4.7E-09	2.5E-10	2.5E-10	1.3E-16	8.3E-16
Mercury, elemental				8.4E-08	2.3E-09	8.4E-12	1.9E-11	1.1E-12	1.1E-12	1.6E-04	1.0E-03
Methyl Mercury	7.2E-16			1.6E-16	4.6E-16					8.0E-18	4.9E-17

Table H-353 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	2.8E-16			5.0E-05	6.8E-05	3.0E-07	6.9E-07	3.7E-08	3.7E-08	2.5E-06	7.3E-06
Phosphorus				6.4E-16	1.8E-15	2.3E-06	5.2E-06	2.8E-07	2.8E-07	6.2E-12	3.8E-11
Selenium	2.4E-17			3.5E-18	9.7E-18	1.5E-08	3.5E-08	1.9E-09	1.9E-09	1.7E-19	1.0E-18
Silver	1.7E-17			6.4E-14	1.8E-13	9.8E-09	2.3E-08	1.2E-09	1.2E-09	3.1E-15	1.9E-14
Thallium (Soluble Salts)				2.3E-08	1.2E-08					1.1E-09	1.3E-09
Titanium				6.9E-16	1.9E-15	5.2E-09	1.2E-08	6.5E-10	6.5E-10	3.4E-17	2.1E-16
Zinc	3.5E-13			1.6E-14	4.4E-14	1.2E-05	2.7E-05	1.5E-06	1.5E-06	7.7E-16	4.8E-15
NOx											
NOx (Oxides of Nitrogen)						1.3E-04	3.1E-04	1.7E-05	1.7E-05		
PAHs											
1-Methylnaphthalene		2.0E-17	2.9E-17	1.9E-17	5.2E-17	2.8E-06	6.5E-06	3.5E-07	3.5E-07	2.1E-14	1.3E-13
1-Methylphenanthrene				1.2E-14	3.5E-14	3.4E-07	7.8E-07	4.2E-08	4.2E-08	6.1E-16	3.8E-15
2,3,5-Trimethylnaphthalene				5.8E-15	1.6E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	2.9E-16	1.8E-15
2,6-Dimethylnaphthalene				1.6E-14	4.5E-14	4.4E-07	1.0E-06	5.5E-08	5.5E-08	7.8E-16	4.8E-15
2-Methylnaphthalene		2.0E-17	2.8E-17	1.8E-17	5.0E-17	2.7E-06	6.3E-06	3.4E-07	3.4E-07	2.1E-14	1.3E-13
Acenaphthylene				5.1E-14	1.4E-13	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.5E-15	1.5E-14
Acenaphthene	2.9E-16					3.0E-07	6.8E-07	3.7E-08	3.7E-08		
Anthracene	3.7E-15					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Benzo(a)anthracene	5.3E-13	7.7E-09	2.2E-13	7.0E-09	3.9E-13	2.6E-07	5.9E-07	3.2E-08	3.2E-08	1.1E-07	6.5E-07
Benzo(a)pyrene	2.6E-13	7.2E-09	9.9E-14	6.6E-09	1.8E-13	1.0E-07	2.3E-07	1.3E-08	1.3E-08	3.2E-10	1.9E-14
Benzo(b)fluoranthene	7.1E-14	1.1E-08	5.7E-15	1.0E-08	1.0E-14	1.1E-07	2.6E-07	1.4E-08	1.4E-08	5.0E-10	1.1E-15
Benzo(e)pyrene				2.9E-15	8.2E-15	8.6E-08	2.0E-07	1.1E-08	1.1E-08	1.4E-16	8.8E-16
Benzo(g,h,i)perylene				2.2E-15	6.0E-15	6.6E-08	1.5E-07	8.2E-09	8.2E-09	1.1E-16	6.5E-16
Benzo(k)fluoranthene	5.9E-16	6.1E-09	7.1E-15	5.5E-09	1.3E-14	1.0E-09	2.3E-09	1.2E-10	1.2E-10	2.7E-10	1.4E-15

Table H-353 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				2.9E-16	8.0E-16	9.5E-06	2.2E-05	1.2E-06	1.2E-06	1.7E-13	1.0E-12
Chrysene	9.1E-14	9.7E-09	2.8E-13	8.8E-09	5.2E-13	4.4E-07	1.0E-06	5.5E-08	5.5E-08	4.3E-10	5.6E-14
Dibenze(a,h)anthracene	1.3E-14	1.7E-09	3.6E-14	1.5E-09	6.5E-14	1.6E-08	3.7E-08	2.0E-09	2.0E-09	7.6E-11	7.1E-15
Fluoranthene	2.4E-14	5.4E-15	7.6E-15	5.0E-15	1.4E-14	6.4E-07	1.5E-06	8.0E-08	8.0E-08	2.4E-16	1.5E-15
Fluorene	5.2E-15					1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Indeno(1,2,3-cd)pyrene	3.3E-14	4.8E-09	9.9E-14	4.4E-09	1.8E-13	5.3E-08	1.2E-07	6.6E-09	6.6E-09	2.2E-10	2.0E-14
Napthalene	2.4E-15					1.3E-05	2.9E-05	1.6E-06	1.6E-06		
Perylene				1.1E-15	3.2E-15	4.0E-08	9.1E-08	4.9E-09	4.9E-09	5.5E-17	3.4E-16
Phenanthrene	2.5E-14					3.0E-06	6.9E-06	3.8E-07	3.8E-07		
Pyrene	1.7E-14	1.8E-14	2.6E-14	1.7E-14	4.7E-14	6.3E-07	1.4E-06	7.8E-08	7.8E-08	4.7E-13	2.9E-12
Particulate											
Particulate Total Suspended Particulate				2.6E-10	7.2E-10	2.0E-03	4.6E-03	2.5E-04	2.5E-04	1.3E-11	7.7E-11
PM<10				3.3E-10	9.2E-10	2.6E-03	6.1E-03	3.3E-04	3.3E-04	1.6E-11	9.9E-11
PM<2.5				2.7E-10	7.6E-10	2.3E-03	5.2E-03	2.8E-04	2.8E-04	1.3E-11	8.2E-11
PCBs											
Dichlorobiphenyl	5.2E-16	4.9E-17	6.9E-17	4.2E-17	1.2E-16	8.0E-09	1.8E-08	9.9E-10	9.9E-10	3.9E-15	2.4E-14
Heptachlorobiphenyl	2.0E-17	5.7E-18	8.0E-18	4.8E-18	1.4E-17	1.1E-10	2.5E-10	1.4E-11	1.4E-11	2.5E-16	1.5E-15
Hexachlorobiphenyl	8.0E-17	2.6E-17	3.6E-17	2.2E-17	6.1E-17	4.6E-10	1.1E-09	5.7E-11	5.7E-11	1.1E-15	6.8E-15
Monochlorobiphenyl	3.6E-15	3.4E-16	4.8E-16	2.9E-16	8.1E-16	5.5E-08	1.3E-07	6.9E-09	6.9E-09	2.7E-14	1.7E-13
Nonachlorobiphenyl	2.5E-18	1.0E-18	1.4E-18	8.5E-19	2.4E-18	1.5E-11	3.6E-11	1.9E-12	1.9E-12	4.3E-17	2.7E-16
Octachlorobiphenyl	5.8E-18	1.9E-18	2.6E-18	1.6E-18	4.4E-18	3.3E-11	7.7E-11	4.2E-12	4.2E-12	8.0E-17	4.9E-16
Pentachlorobiphenyl	2.6E-16	9.3E-17	1.3E-16	7.9E-17	2.2E-16	1.6E-09	3.6E-09	2.0E-10	2.0E-10	4.0E-15	2.5E-14
Tetrachlorobiphenyl	1.6E-16	1.9E-17	2.6E-17	1.6E-17	4.5E-17	2.6E-09	6.0E-09	3.2E-10	3.2E-10	1.5E-15	9.2E-15
Trichlorobiphenyl	2.0E-16	2.3E-17	3.2E-17	1.9E-17	5.4E-17	3.3E-09	7.6E-09	4.1E-10	4.1E-10	1.8E-15	1.1E-14

Table H-353 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				7.7E-09	6.7E-09					2.4E-07	1.5E-06
Dieldrin		4.0E-11		4.8E-11						2.3E-12	
SVOCs											
1,2,4-trichlorobenzene						2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2-dichlorobenzene	2.4E-19					9.3E-09	2.2E-08	1.2E-09	1.2E-09		
1,3-dichlorobenzene	5.9E-19					1.4E-08	3.2E-08	1.7E-09	1.7E-09		
1,4-dichlorobenzene	7.9E-18					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
1,4-Dioxane						1.1E-02					
2,4-Dimethylphenol	2.2E-16					2.0E-06	4.7E-06	2.5E-07	2.5E-07		
2-Chlorophenol	1.1E-17					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
2-Methylphenol	4.5E-15					4.8E-06	1.1E-05	6.0E-07	6.0E-07		
2-Nitrophenol	2.7E-17					6.5E-07	1.5E-06	8.1E-08	8.1E-08		
3-Methylphenol & 4-Methylphenol				3.2E-13	8.8E-13	8.6E-06	2.0E-05	1.1E-06	1.1E-06	1.5E-14	9.5E-14
4-Nitrophenol	5.6E-17					1.1E-06	2.5E-06	1.3E-07	1.3E-07		
Acetophenone	3.4E-16					1.0E-05	2.3E-05	1.3E-06	1.3E-06		
Benzoic acid	1.4E-15					4.6E-05	1.1E-04	5.8E-06	5.8E-06		
Benzyl alcohol	8.4E-19					3.9E-07	8.9E-07	4.8E-08	4.8E-08		
bis(2-Ethylhexyl) phthalate	4.2E-14	5.8E-13	8.0E-13	6.8E-13	1.9E-12	1.6E-05	3.8E-05	2.0E-06	2.0E-06	3.3E-14	2.1E-13
Butyl benzyl phthalate	1.5E-14	2.8E-16	3.9E-16	3.3E-16	9.2E-16	5.1E-07	1.2E-06	6.4E-08	6.4E-08	1.6E-17	1.0E-16
Carbazole				1.2E-15	3.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	5.9E-17	3.6E-16
Dibenzofuran		1.2E-17	1.7E-17	4.8E-17	1.4E-16	8.2E-07	1.9E-06	1.0E-07	1.0E-07	2.1E-14	1.3E-13
Dimethyl phthalate	5.5E-18					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
Di-n-butyl phthalate	1.4E-13	2.8E-16	3.9E-16	3.3E-16	9.2E-16	7.9E-07	1.8E-06	9.8E-08	9.8E-08	1.6E-17	9.9E-17

Table H-353 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.1E-18	8.1E-16	1.1E-15	9.5E-16	2.7E-15	5.5E-08	1.3E-07	6.9E-09	6.9E-09	4.7E-17	2.9E-16
Hexachlorobutadiene	5.8E-16					3.8E-06	8.8E-06	4.8E-07	4.8E-07		
Isopropanol						1.7E-01					
Phenol	1.3E-14					2.6E-05	6.0E-05	3.2E-06	3.2E-06		
Pyridine	6.6E-16					2.4E-06	5.7E-06	3.1E-07	3.1E-07		
TRS											
Total Reduced Sulfur						2.5E-05	5.8E-05	3.1E-06	3.1E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.3E-19					1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,1,1-Trichloroethane	1.5E-20					1.1E-08	2.6E-08	1.4E-09	1.4E-09		
1,1-Dichloroethene	5.1E-22					2.2E-09	5.1E-09	2.8E-10	2.8E-10		
1,2,3-Trichlorobenzene	1.6E-17					4.6E-08	1.1E-07	5.7E-09	5.7E-09		
1,2,3-Trichloropropane	9.3E-20					9.3E-09	2.1E-08	1.2E-09	1.2E-09		
1,2,4-Trimethylbenzene						5.3E-07	1.2E-06	6.7E-08	6.7E-08		
1,2-Dibromoethane	3.2E-20					5.9E-09	1.4E-08	7.4E-10	7.4E-10		
1,2-Dichloroethane	1.0E-18					2.4E-07	5.5E-07	8.6E-05	8.6E-05		
1,3,5-Trimethylbenzene	5.2E-18					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
1,3-Dichloropropane						5.7E-09	1.3E-08	7.2E-10	7.2E-10		
2-Butanone	2.1E-16					2.8E-06	6.5E-06	3.5E-07	3.5E-07		
2-Chlorotoluene						1.3E-07	2.9E-07	1.6E-08	1.6E-08		
2-Hexanone						5.8E-07	1.3E-06	7.2E-08	7.2E-08		
Benzene	1.7E-16					5.5E-03	1.7E-04	8.3E-04	8.3E-04		
Bromobenzene						3.2E-06	7.4E-06	4.0E-07	4.0E-07		
Bromochloromethane						7.6E-09	1.7E-08	9.4E-10	9.4E-10		

Table H-353 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	2.7E-20					8.2E-09	1.9E-08	1.0E-09	1.0E-09		
Bromomethane	1.1E-19					3.3E-07	7.5E-07	4.1E-08	4.1E-08		
Carbon disulfide	1.1E-19					2.9E-07	6.6E-07	3.6E-08	3.6E-08		
Carbon tetrachloride	1.2E-20					1.1E-02	4.3E-08	1.3E-03	1.3E-03		
Chlorobenzene	4.0E-18					4.1E-07	9.5E-07	5.2E-08	5.2E-08		
Chlorodibromomethane	1.6E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
Chloroethane	3.2E-19					7.8E-07	1.8E-06	9.8E-08	9.8E-08		
Chloroform	2.4E-19					3.7E-03	3.9E-07	2.1E-04	2.1E-04		
Chloromethane	8.4E-19					2.7E-06	6.1E-06	3.3E-07	3.3E-07		
cis-1,2-Dichloroethene	3.3E-19					3.4E-07	7.9E-07	4.3E-08	4.3E-08		
cis-1,3-Dichloropropene						2.1E-09	4.8E-09	2.6E-10	2.6E-10		
Dibromomethane	3.6E-20					1.7E-08	4.0E-08	2.2E-09	2.2E-09		
Dichlorodifluoromethane	4.0E-22					2.1E-08	4.9E-08	2.7E-09	2.7E-09		
Ethylbenzene	1.3E-16					3.1E-03	3.9E-05	2.1E-06	2.1E-06		
Isopropylbenzene	1.7E-19					1.4E-06	3.1E-06	1.7E-07	1.7E-07		
m&p-Xylene	2.0E-17					3.1E-06	7.2E-06	3.9E-07	3.9E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.1E-19					3.1E-08	7.1E-08	3.8E-09	3.8E-09		
Methylene chloride	2.2E-18					1.5E-06	3.6E-06	1.9E-07	1.9E-07		
n-Butylbenzene						6.7E-07	1.5E-06	8.3E-08	8.3E-08		
n-Propylbenzene						8.0E-07	1.9E-06	1.0E-07	1.0E-07		
o-Xylene	2.4E-17					2.0E-06	4.5E-06	2.5E-07	2.5E-07		
p-Chlorotoluene						4.8E-08	1.1E-07	5.9E-09	5.9E-09		
p-Isopropyltoluene						3.3E-07	7.6E-07	4.1E-08	4.1E-08		
sec-Butylbenzene						1.2E-07	2.8E-07	1.5E-08	1.5E-08		

Table H-353 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Styrene	8.0E-16					4.4E-05	1.0E-04	5.5E-06	5.5E-06		
tert-Butylbenzene						3.9E-06	9.0E-06	4.9E-07	4.9E-07		
Tetrachloroethene	5.7E-20					1.0E-08	2.4E-08	1.3E-09	1.3E-09		
Toluene	1.3E-16					2.7E-05	6.2E-05	3.4E-06	3.4E-06		
trans-1,2-Dichloroethene	5.0E-18					7.2E-06	1.7E-05	9.1E-07	9.1E-07		
trans-1,3-Dichloropropene						3.6E-09	8.4E-09	4.5E-10	4.5E-10		
Trichloroethene	5.8E-22					8.6E-04	1.4E-09	7.8E-11	7.8E-11		
Trichlorofluoromethane	9.0E-22					7.5E-09	1.7E-08	9.4E-10	9.4E-10		
Vinyl chloride	4.1E-20					1.2E-03	9.8E-07	5.3E-08	5.3E-08		

Table H-354 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					6.2E-07	4.0E-02	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19	
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19	
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18	
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19	
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19	
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19	
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20	
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19	
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19	

Table H-354 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.1E-02	2.4E-02					5.3E-07	2.6E-06
Antimony	1.6E-17			2.6E-07	4.8E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.3E-11	5.2E-11
Arsenic	8.1E-16	6.0E-07	4.6E-07	1.4E-06	2.2E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	1.2E-10	3.9E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				3.1E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.5E-09	4.0E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				2.5E-02	4.0E-02					1.2E-06	4.3E-06
Lead	6.9E-18			9.0E-05	5.3E-05	6.0E-09	1.4E-08	7.5E-10	7.5E-10	4.4E-09	5.7E-09
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				9.8E-07	2.7E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	1.9E-06	1.2E-05
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18

Table H-354 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.8E-04	7.9E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.9E-08	8.5E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Thallium (Soluble Salts)				2.7E-07	1.4E-07					1.3E-11	1.6E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	9.0E-08	2.8E-12	8.1E-08	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	1.2E-09	7.6E-09
Benzo(a)pyrene	3.1E-12	8.5E-08	1.2E-12	7.7E-08	2.3E-12	1.2E-09	2.7E-09	1.5E-10	1.5E-10	3.8E-12	2.4E-16
Benzo(b)fluoranthene	8.3E-13	1.3E-07	7.3E-14	1.2E-07	1.3E-13	1.3E-09	3.0E-09	1.6E-10	1.6E-10	5.9E-12	1.4E-17
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	7.1E-08	1.1E-13	6.4E-08	2.0E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.1E-12	2.2E-17

Table H-354 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	1.1E-07	3.8E-12	1.0E-07	7.0E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	5.0E-12	7.5E-16
Dibenze(a,h)anthracene	1.6E-13	2.0E-08	4.8E-13	1.8E-08	8.7E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	8.8E-13	9.4E-17
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	5.7E-08	1.3E-12	5.1E-08	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	2.5E-12	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16

Table H-354 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				9.0E-08	7.8E-08					2.9E-09	1.8E-08
Dieldrin		4.7E-10		5.6E-10						2.7E-14	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
1,4-Dioxane						1.3E-04					
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18

Table H-354 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						2.0E-03					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					6.4E-05	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		

Table H-354 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.3E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					4.3E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					3.7E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		

Table H-354 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08				
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09				
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11				
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08				
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08				
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12				
Trichloroethene	6.8E-21					1.0E-05	1.7E-11	9.1E-13	9.1E-13				
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11				
Vinyl chloride	4.8E-19					1.4E-05	1.1E-08	6.2E-10	6.2E-10				

Table H-355 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						7.2E-05	1.7E-04	9.0E-06	9.0E-06		
Aldehydes											
Acetaldehyde	7.9E-15					1.2E-04	2.9E-04	1.6E-05	1.6E-05		
Formaldehyde	3.9E-14					5.3E-05	2.3E+00	6.6E-06	6.6E-06		
Propionaldehyde				1.9E-16	5.4E-16	1.4E-05	3.1E-05	1.7E-06	1.7E-06	1.4E-12	8.9E-12
CO											
Carbon monoxide						3.8E-03	8.8E-03	4.8E-04	4.8E-04		
CO2											
Carbon dioxide						1.2E-04	2.8E-04	1.5E-05	1.5E-05		
Criteria											
Sulfur Dioxide						3.2E-05	7.5E-05	4.1E-06	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.1E-19	1.1E-16	1.5E-16	4.2E-16	1.2E-15	7.3E-11	1.7E-10	9.1E-12	9.1E-12	2.1E-17	1.3E-16
1,2,3,4,6,7,8-HpCDF	1.0E-19	1.1E-16	1.5E-16	4.2E-16	1.2E-15	7.3E-11	1.7E-10	9.2E-12	9.2E-12	2.1E-17	1.3E-16
1,2,3,4,7,8,9-HpCDF	1.6E-20	1.2E-17	1.7E-17	4.9E-17	1.4E-16	9.3E-12	2.1E-11	1.2E-12	1.2E-12	2.4E-18	1.5E-17
1,2,3,4,7,8-HxCDD	1.2E-19	1.2E-17	1.7E-17	4.8E-17	1.3E-16	8.7E-12	2.0E-11	1.1E-12	1.1E-12	2.3E-18	1.4E-17
1,2,3,4,7,8-HxCDF	8.2E-19	9.6E-17	1.3E-16	3.8E-16	1.1E-15	7.1E-11	1.6E-10	8.9E-12	8.9E-12	1.9E-17	1.1E-16
1,2,3,6,7,8-HxCDD	2.3E-19	2.5E-17	3.4E-17	9.7E-17	2.7E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	4.8E-18	2.9E-17
1,2,3,6,7,8-HxCDF	3.0E-19	3.1E-17	4.4E-17	1.2E-16	3.5E-16	2.3E-11	5.3E-11	2.9E-12	2.9E-12	6.1E-18	3.7E-17
1,2,3,7,8,9-HxCDD	3.3E-19	3.9E-17	5.4E-17	1.5E-16	4.3E-16	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.5E-18	4.6E-17
1,2,3,7,8,9-HxCDF	2.5E-20	2.2E-18	3.1E-18	8.9E-18	2.5E-17	1.8E-12	4.1E-12	2.2E-13	2.2E-13	4.3E-19	2.7E-18
1,2,3,7,8-PeCDD	6.3E-19	1.4E-17	1.9E-17	5.4E-17	1.5E-16	1.1E-11	2.6E-11	1.4E-12	1.4E-12	2.6E-18	1.6E-17
1,2,3,7,8-PeCDF	8.8E-19	1.6E-17	2.2E-17	6.3E-17	1.8E-16	1.6E-11	3.6E-11	2.0E-12	2.0E-12	3.1E-18	1.9E-17

Table H-355 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	4.4E-19	4.9E-17	6.9E-17	1.9E-16	5.4E-16	3.6E-11	8.2E-11	4.5E-12	4.5E-12	9.5E-18	5.8E-17
2,3,4,7,8-PeCDF	1.4E-18	3.8E-17	5.4E-17	1.5E-16	4.2E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	7.4E-18	4.6E-17
2,3,7,8-TCDD	2.1E-19	2.8E-18	3.9E-18	1.1E-17	3.1E-17	4.4E-12	1.0E-11	5.6E-13	5.6E-13	3.7E-16	2.3E-15
2,3,7,8-TCDF	6.9E-19	5.1E-18	7.1E-18	2.0E-17	5.6E-17	1.6E-11	3.8E-11	2.0E-12	2.0E-12	9.8E-19	6.0E-18
OCDD	1.4E-21	7.2E-17	1.0E-16	2.8E-16	8.0E-16	4.8E-11	1.1E-10	6.0E-12	6.0E-12	1.4E-17	8.6E-17
OCDF	5.3E-22	2.8E-17	3.9E-17	1.1E-16	3.1E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.4E-18	3.3E-17
HCN											
Hydrogen cyanide						1.4E-05	3.1E-05	1.7E-06	1.7E-06		
Metals											
Aluminum				9.3E-04	1.6E-03					4.5E-05	1.8E-04
Antimony	1.3E-18			2.2E-08	1.4E-08	8.9E-07	2.1E-06	1.1E-07	1.1E-07	1.1E-09	1.6E-09
Arsenic	7.0E-17	5.1E-08	1.6E-08	1.2E-07	7.4E-08	5.1E-08	1.2E-07	6.4E-09	6.4E-09	9.9E-09	1.3E-08
Barium	1.9E-13			2.3E-10	6.6E-10	1.1E-05	2.5E-05	1.3E-06	1.3E-06	1.1E-11	7.1E-11
Beryllium	2.8E-18			9.0E-17	2.5E-16	3.7E-09	8.5E-09	4.6E-10	4.6E-10	4.4E-18	2.7E-17
Cadmium	7.2E-16			7.0E-17	2.0E-16	6.5E-08	1.5E-07	8.1E-09	8.1E-09	3.4E-18	2.1E-17
Chromium	2.1E-16			6.1E-12	1.7E-11	5.5E-07	1.3E-06	6.9E-08	6.9E-08	3.0E-13	1.8E-12
Cobalt				2.7E-06	5.4E-06	8.4E-07	1.9E-06	1.1E-07	1.1E-07	1.3E-07	5.9E-07
Copper				2.5E-11	7.0E-11	1.5E-06	3.5E-06	1.9E-07	1.9E-07	1.2E-12	7.5E-12
Iron				2.2E-03	3.7E-03					1.1E-04	4.0E-04
Lead	5.9E-19			7.7E-06	1.2E-05	5.1E-07	1.2E-06	6.4E-08	6.4E-08	3.8E-07	1.3E-06
Manganese				6.8E-14	1.9E-13	4.7E-07	1.1E-06	5.8E-08	5.8E-08	3.3E-15	2.1E-14
Mercury (+2)				2.8E-15	7.7E-15	2.0E-09	4.7E-09	2.5E-10	2.5E-10	1.3E-16	8.3E-16
Mercury, elemental				8.4E-08	3.8E-09	8.4E-12	1.9E-11	1.1E-12	1.1E-12	1.6E-04	1.0E-03
Methyl Mercury	7.2E-16			1.6E-16	4.6E-16					8.0E-18	4.9E-17

Table H-355 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	2.8E-16			5.0E-05	1.1E-04	3.0E-07	6.9E-07	3.7E-08	3.7E-08	2.5E-06	1.2E-05
Phosphorus				6.4E-16	1.8E-15	2.3E-06	5.2E-06	2.8E-07	2.8E-07	6.2E-12	3.8E-11
Selenium	2.4E-17			3.5E-18	9.7E-18	1.5E-08	3.5E-08	1.9E-09	1.9E-09	1.7E-19	1.0E-18
Silver	1.7E-17			6.4E-14	1.8E-13	9.8E-09	2.3E-08	1.2E-09	1.2E-09	3.1E-15	1.9E-14
Thallium (Soluble Salts)				2.3E-08						1.1E-09	
Titanium				6.9E-16	1.9E-15	5.2E-09	1.2E-08	6.5E-10	6.5E-10	3.4E-17	2.1E-16
Zinc	3.5E-13			1.6E-14	4.4E-14	1.2E-05	2.7E-05	1.5E-06	1.5E-06	7.7E-16	4.8E-15
NOx											
NOx (Oxides of Nitrogen)						1.3E-04	3.1E-04	1.7E-05	1.7E-05		
PAHs											
1-Methylnaphthalene		2.0E-17	2.9E-17	1.9E-17	5.2E-17	2.8E-06	6.5E-06	3.5E-07	3.5E-07	2.1E-14	1.3E-13
1-Methylphenanthrene				1.2E-14	3.5E-14	3.4E-07	7.8E-07	4.2E-08	4.2E-08	6.1E-16	3.8E-15
2,3,5-Trimethylnaphthalene				5.8E-15	1.6E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	2.9E-16	1.8E-15
2,6-Dimethylnaphthalene				1.6E-14	4.5E-14	4.4E-07	1.0E-06	5.5E-08	5.5E-08	7.8E-16	4.8E-15
2-Methylnaphthalene		2.0E-17	2.8E-17	1.8E-17	5.0E-17	2.7E-06	6.3E-06	3.4E-07	3.4E-07	2.1E-14	1.3E-13
Acenaphthylene				5.1E-14	1.4E-13	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.5E-15	1.5E-14
Acenaphthene	2.9E-16					3.0E-07	6.8E-07	3.7E-08	3.7E-08		
Anthracene	3.7E-15					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Benzo(a)anthracene	5.3E-13	7.7E-09	2.2E-13	7.0E-09	3.9E-13	2.6E-07	5.9E-07	3.2E-08	3.2E-08	1.1E-07	6.5E-07
Benzo(a)pyrene	2.6E-13	7.2E-09	1.1E-08	6.6E-09	2.1E-08	1.0E-07	2.3E-07	1.3E-08	1.3E-08	3.2E-10	2.2E-09
Benzo(b)fluoranthene	7.1E-14	1.1E-08	1.0E-08	1.0E-08	1.8E-08	1.1E-07	2.6E-07	1.4E-08	1.4E-08	5.0E-10	2.0E-09
Benzo(e)pyrene				2.9E-15	8.2E-15	8.6E-08	2.0E-07	1.1E-08	1.1E-08	1.4E-16	8.8E-16
Benzo(g,h,i)perylene				2.2E-15	6.0E-15	6.6E-08	1.5E-07	8.2E-09	8.2E-09	1.1E-16	6.5E-16
Benzo(k)fluoranthene	5.9E-16	6.1E-09	7.1E-15	5.5E-09	1.3E-14	1.0E-09	2.3E-09	1.2E-10	1.2E-10	2.7E-10	1.4E-15

Table H-355 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				2.9E-16	8.0E-16	9.5E-06	2.2E-05	1.2E-06	1.2E-06	1.7E-13	1.0E-12
Chrysene	9.1E-14	9.7E-09	2.8E-13	8.8E-09	5.2E-13	4.4E-07	1.0E-06	5.5E-08	5.5E-08	4.3E-10	5.6E-14
Dibenze(a,h)anthracene	1.3E-14	1.7E-09	3.6E-14	1.5E-09	6.5E-14	1.6E-08	3.7E-08	2.0E-09	2.0E-09	7.6E-11	7.1E-15
Fluoranthene	2.4E-14	5.4E-15	7.6E-15	5.0E-15	1.4E-14	6.4E-07	1.5E-06	8.0E-08	8.0E-08	2.4E-16	1.5E-15
Fluorene	5.2E-15					1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Indeno(1,2,3-cd)pyrene	3.3E-14	4.8E-09	9.9E-14	4.4E-09	1.8E-13	5.3E-08	1.2E-07	6.6E-09	6.6E-09	2.2E-10	2.0E-14
Napthalene	2.4E-15					1.3E-05	2.9E-05	1.6E-06	1.6E-06		
Perylene				1.1E-15	3.2E-15	4.0E-08	9.1E-08	4.9E-09	4.9E-09	5.5E-17	3.4E-16
Phenanthrene	2.5E-14					3.0E-06	6.9E-06	3.8E-07	3.8E-07		
Pyrene	1.7E-14	1.8E-14	2.6E-14	1.7E-14	4.7E-14	6.3E-07	1.4E-06	7.8E-08	7.8E-08	4.7E-13	2.9E-12
Particulate											
Particulate Total Suspended Particulate				2.6E-10	7.2E-10	2.0E-03	4.6E-03	2.5E-04	2.5E-04	1.3E-11	7.7E-11
PM<10				3.3E-10	9.2E-10	2.6E-03	6.1E-03	3.3E-04	3.3E-04	1.6E-11	9.9E-11
PM<2.5				2.7E-10	7.6E-10	2.3E-03	5.2E-03	2.8E-04	2.8E-04	1.3E-11	8.2E-11
PCBs											
Dichlorobiphenyl	5.2E-16	4.9E-17	6.9E-17	4.2E-17	1.2E-16	8.0E-09	1.8E-08	9.9E-10	9.9E-10	3.9E-15	2.4E-14
Heptachlorobiphenyl	2.0E-17	5.7E-18	8.0E-18	4.8E-18	1.4E-17	1.1E-10	2.5E-10	1.4E-11	1.4E-11	2.5E-16	1.5E-15
Hexachlorobiphenyl	8.0E-17	2.6E-17	3.6E-17	2.2E-17	6.1E-17	4.6E-10	1.1E-09	5.7E-11	5.7E-11	1.1E-15	6.8E-15
Monochlorobiphenyl	3.6E-15	3.4E-16	4.8E-16	2.9E-16	8.1E-16	5.5E-08	1.3E-07	6.9E-09	6.9E-09	2.7E-14	1.7E-13
Nonachlorobiphenyl	2.5E-18	1.0E-18	1.4E-18	8.5E-19	2.4E-18	1.5E-11	3.6E-11	1.9E-12	1.9E-12	4.3E-17	2.7E-16
Octachlorobiphenyl	5.8E-18	1.9E-18	2.6E-18	1.6E-18	4.4E-18	3.3E-11	7.7E-11	4.2E-12	4.2E-12	8.0E-17	4.9E-16
Pentachlorobiphenyl	2.6E-16	9.3E-17	1.3E-16	7.9E-17	2.2E-16	1.6E-09	3.6E-09	2.0E-10	2.0E-10	4.0E-15	2.5E-14
Tetrachlorobiphenyl	1.6E-16	1.9E-17	2.6E-17	1.6E-17	4.5E-17	2.6E-09	6.0E-09	3.2E-10	3.2E-10	1.5E-15	9.2E-15
Trichlorobiphenyl	2.0E-16	2.3E-17	3.2E-17	1.9E-17	5.4E-17	3.3E-09	7.6E-09	4.1E-10	4.1E-10	1.8E-15	1.1E-14

Table H-355 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				7.7E-09	2.4E-08					2.4E-07	1.5E-06
Dieldrin		4.0E-11		4.8E-11						2.3E-12	
SVOCs											
1,2,4-trichlorobenzene						2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2-dichlorobenzene	2.4E-19					9.3E-09	2.2E-08	1.2E-09	1.2E-09		
1,3-dichlorobenzene	5.9E-19					1.4E-08	3.2E-08	1.7E-09	1.7E-09		
1,4-dichlorobenzene	7.9E-18					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
1,4-Dioxane						1.1E-02					
2,4-Dimethylphenol	2.2E-16					2.0E-06	4.7E-06	2.5E-07	2.5E-07		
2-Chlorophenol	1.1E-17					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
2-Methylphenol	4.5E-15					4.8E-06	1.1E-05	6.0E-07	6.0E-07		
2-Nitrophenol	2.7E-17					6.5E-07	1.5E-06	8.1E-08	8.1E-08		
3-Methylphenol & 4-Methylphenol				3.2E-13	8.8E-13	8.6E-06	2.0E-05	1.1E-06	1.1E-06	1.5E-14	9.5E-14
4-Nitrophenol	5.6E-17					1.1E-06	2.5E-06	1.3E-07	1.3E-07		
Acetophenone	3.4E-16					1.0E-05	2.3E-05	1.3E-06	1.3E-06		
Benzoic acid	1.4E-15					4.6E-05	1.1E-04	5.8E-06	5.8E-06		
Benzyl alcohol	8.4E-19					3.9E-07	8.9E-07	4.8E-08	4.8E-08		
bis(2-Ethylhexyl) phthalate	4.2E-14	5.8E-13	8.0E-13	6.8E-13	1.9E-12	1.6E-05	3.8E-05	2.0E-06	2.0E-06	3.3E-14	2.1E-13
Butyl benzyl phthalate	1.5E-14	2.8E-16	3.9E-16	3.3E-16	9.2E-16	5.1E-07	1.2E-06	6.4E-08	6.4E-08	1.6E-17	1.0E-16
Carbazole				1.2E-15	3.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	5.9E-17	3.6E-16
Dibenzofuran		1.2E-17	1.7E-17	4.8E-17	1.4E-16	8.2E-07	1.9E-06	1.0E-07	1.0E-07	2.1E-14	1.3E-13
Dimethyl phthalate	5.5E-18					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
Di-n-butyl phthalate	1.4E-13	2.8E-16	3.9E-16	3.3E-16	9.2E-16	7.9E-07	1.8E-06	9.8E-08	9.8E-08	1.6E-17	9.9E-17

Table H-355 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.1E-18	8.1E-16	1.1E-15	9.5E-16	2.7E-15	5.5E-08	1.3E-07	6.9E-09	6.9E-09	4.7E-17	2.9E-16
Hexachlorobutadiene	5.8E-16					3.8E-06	8.8E-06	4.8E-07	4.8E-07		
Isopropanol						1.7E-01					
Phenol	1.3E-14					2.6E-05	6.0E-05	3.2E-06	3.2E-06		
Pyridine	6.6E-16					2.4E-06	5.7E-06	3.1E-07	3.1E-07		
TRS											
Total Reduced Sulfur						2.5E-05	5.8E-05	3.1E-06	3.1E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.3E-19					1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,1,1-Trichloroethane	1.5E-20					1.1E-08	2.6E-08	1.4E-09	1.4E-09		
1,1-Dichloroethene	5.1E-22					2.2E-09	5.1E-09	2.8E-10	2.8E-10		
1,2,3-Trichlorobenzene	1.6E-17					4.6E-08	1.1E-07	5.7E-09	5.7E-09		
1,2,3-Trichloropropane	9.3E-20					9.3E-09	2.1E-08	1.2E-09	1.2E-09		
1,2,4-Trimethylbenzene						5.3E-07	1.2E-06	6.7E-08	6.7E-08		
1,2-Dibromoethane	3.2E-20					5.9E-09	1.4E-08	7.4E-10	7.4E-10		
1,2-Dichloroethane	1.0E-18					2.4E-07	5.5E-07	8.6E-05	8.6E-05		
1,3,5-Trimethylbenzene	5.2E-18					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
1,3-Dichloropropane						5.7E-09	1.3E-08	7.2E-10	7.2E-10		
2-Butanone	2.1E-16					2.8E-06	6.5E-06	3.5E-07	3.5E-07		
2-Chlorotoluene						1.3E-07	2.9E-07	1.6E-08	1.6E-08		
2-Hexanone						5.8E-07	1.3E-06	7.2E-08	7.2E-08		
Benzene	1.7E-16					5.5E-03	1.7E-04	8.3E-04	8.3E-04		
Bromobenzene						3.2E-06	7.4E-06	4.0E-07	4.0E-07		
Bromochloromethane						7.6E-09	1.7E-08	9.4E-10	9.4E-10		

Table H-355 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	2.7E-20					8.2E-09	1.9E-08	1.0E-09	1.0E-09		
Bromomethane	1.1E-19					3.3E-07	7.5E-07	4.1E-08	4.1E-08		
Carbon disulfide	1.1E-19					2.9E-07	6.6E-07	3.6E-08	3.6E-08		
Carbon tetrachloride	1.2E-20					1.1E-02	4.3E-08	1.3E-03	1.3E-03		
Chlorobenzene	4.0E-18					4.1E-07	9.5E-07	5.2E-08	5.2E-08		
Chlorodibromomethane	1.6E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
Chloroethane	3.2E-19					7.8E-07	1.8E-06	9.8E-08	9.8E-08		
Chloroform	2.4E-19					3.7E-03	3.9E-07	2.1E-04	2.1E-04		
Chloromethane	8.4E-19					2.7E-06	6.1E-06	3.3E-07	3.3E-07		
cis-1,2-Dichloroethene	3.3E-19					3.4E-07	7.9E-07	4.3E-08	4.3E-08		
cis-1,3-Dichloropropene						2.1E-09	4.8E-09	2.6E-10	2.6E-10		
Dibromomethane	3.6E-20					1.7E-08	4.0E-08	2.2E-09	2.2E-09		
Dichlorodifluoromethane	4.0E-22					2.1E-08	4.9E-08	2.7E-09	2.7E-09		
Ethylbenzene	1.3E-16					3.1E-03	3.9E-05	2.1E-06	2.1E-06		
Isopropylbenzene	1.7E-19					1.4E-06	3.1E-06	1.7E-07	1.7E-07		
m&p-Xylene	2.0E-17					3.1E-06	7.2E-06	3.9E-07	3.9E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.1E-19					3.1E-08	7.1E-08	3.8E-09	3.8E-09		
Methylene chloride	2.2E-18					1.5E-06	3.6E-06	1.9E-07	1.9E-07		
n-Butylbenzene						6.7E-07	1.5E-06	8.3E-08	8.3E-08		
n-Propylbenzene						8.0E-07	1.9E-06	1.0E-07	1.0E-07		
o-Xylene	2.4E-17					2.0E-06	4.5E-06	2.5E-07	2.5E-07		
p-Chlorotoluene						4.8E-08	1.1E-07	5.9E-09	5.9E-09		
p-Isopropyltoluene						3.3E-07	7.6E-07	4.1E-08	4.1E-08		
sec-Butylbenzene						1.2E-07	2.8E-07	1.5E-08	1.5E-08		

Table H-355 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)
Styrene	8.0E-16					4.4E-05	1.0E-04	5.5E-06	5.5E-06				
tert-Butylbenzene						3.9E-06	9.0E-06	4.9E-07	4.9E-07				
Tetrachloroethene	5.7E-20					1.0E-08	2.4E-08	1.3E-09	1.3E-09				
Toluene	1.3E-16					2.7E-05	6.2E-05	3.4E-06	3.4E-06				
trans-1,2-Dichloroethene	5.0E-18					7.2E-06	1.7E-05	9.1E-07	9.1E-07				
trans-1,3-Dichloropropene						3.6E-09	8.4E-09	4.5E-10	4.5E-10				
Trichloroethene	5.8E-22					8.6E-04	1.4E-09	7.8E-11	7.8E-11				
Trichlorofluoromethane	9.0E-22					7.5E-09	1.7E-08	9.4E-10	9.4E-10				
Vinyl chloride	4.1E-20					1.2E-03	9.8E-07	5.3E-08	5.3E-08				

Table H-356 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					6.2E-07	2.7E-02	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19	
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19	
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18	
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19	
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19	
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19	
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20	
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19	
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19	

Table H-356 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.1E-02	1.9E-02					5.3E-07	2.1E-06
Antimony	1.6E-17			2.6E-07	1.7E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.3E-11	1.8E-11
Arsenic	8.1E-16	6.0E-07	1.8E-07	1.4E-06	8.6E-07	5.9E-10	1.4E-09	7.4E-11	7.4E-11	1.2E-10	1.6E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				3.1E-05	6.4E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.5E-09	6.9E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				2.5E-02	4.3E-02					1.2E-06	4.7E-06
Lead	6.9E-18			9.0E-05	1.4E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	4.4E-09	1.6E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				9.8E-07	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	1.9E-06	1.2E-05
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18

Table H-356 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.8E-04	1.3E-03	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.9E-08	1.4E-07
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Thallium (Soluble Salts)				2.7E-07						1.3E-11	
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	9.0E-08	2.8E-12	8.1E-08	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	1.2E-09	7.6E-09
Benzo(a)pyrene	3.1E-12	8.5E-08	1.3E-07	7.7E-08	2.4E-07	1.2E-09	2.7E-09	1.5E-10	1.5E-10	3.8E-12	2.6E-11
Benzo(b)fluoranthene	8.3E-13	1.3E-07	1.2E-07	1.2E-07	2.2E-07	1.3E-09	3.0E-09	1.6E-10	1.6E-10	5.9E-12	2.3E-11
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	7.1E-08	1.1E-13	6.4E-08	2.0E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.1E-12	2.2E-17

Table H-356 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	1.1E-07	3.8E-12	1.0E-07	7.0E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	5.0E-12	7.5E-16
Dibenze(a,h)anthracene	1.6E-13	2.0E-08	4.8E-13	1.8E-08	8.7E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	8.8E-13	9.4E-17
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	5.7E-08	1.3E-12	5.1E-08	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	2.5E-12	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16

Table H-356 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				9.0E-08	2.8E-07					2.9E-09	1.8E-08
Dieldrin		4.7E-10		5.6E-10						2.7E-14	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
1,4-Dioxane						1.3E-04					
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18

Table H-356 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						2.0E-03					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					6.4E-05	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		

Table H-356 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.3E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					4.3E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					3.7E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		

Table H-356 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					1.0E-05	1.7E-11	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					1.4E-05	1.1E-08	6.2E-10	6.2E-10		

Table H-357 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						7.2E-05	2.6E-03	9.0E-06	8.5E-04		
Aldehydes											
Acetaldehyde	7.9E-15					1.2E-04	4.4E-03	1.6E-05	1.5E-03		
Formaldehyde	3.9E-14					5.3E-05	1.7E-03	6.6E-06	5.8E-04		
Propionaldehyde				1.9E-16	6.2E-15	1.4E-05	4.9E-04	1.7E-06	1.6E-04	1.4E-12	1.0E-10
CO											
Carbon monoxide						3.8E-03	1.4E-01	4.8E-04	4.8E-02		
CO2											
Carbon dioxide						1.2E-04	4.3E-03	1.5E-05	1.4E-03		
Criteria											
Sulfur Dioxide						3.2E-05	1.0E-03	4.1E-06	3.5E-04		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.1E-19	1.1E-16	2.0E-15	4.2E-16	1.6E-14	7.3E-11	2.9E-09	9.1E-12	9.7E-10	2.1E-17	1.7E-15
1,2,3,4,6,7,8-HpCDF	1.0E-19	1.1E-16	2.0E-15	4.2E-16	1.6E-14	7.3E-11	2.9E-09	9.2E-12	9.7E-10	2.1E-17	1.7E-15
1,2,3,4,7,8,9-HpCDF	1.6E-20	1.2E-17	2.4E-16	4.9E-17	1.9E-15	9.3E-12	3.8E-10	1.2E-12	1.3E-10	2.4E-18	2.1E-16
1,2,3,4,7,8-HxCDD	1.2E-19	1.2E-17	2.3E-16	4.8E-17	1.8E-15	8.7E-12	3.5E-10	1.1E-12	1.2E-10	2.3E-18	2.0E-16
1,2,3,4,7,8-HxCDF	8.2E-19	9.6E-17	1.8E-15	3.8E-16	1.5E-14	7.1E-11	2.9E-09	8.9E-12	9.6E-10	1.9E-17	1.6E-15
1,2,3,6,7,8-HxCDD	2.3E-19	2.5E-17	4.8E-16	9.7E-17	3.8E-15	1.8E-11	7.4E-10	2.3E-12	2.5E-10	4.8E-18	4.1E-16
1,2,3,6,7,8-HxCDF	3.0E-19	3.1E-17	6.1E-16	1.2E-16	4.8E-15	2.3E-11	9.4E-10	2.9E-12	3.1E-10	6.1E-18	5.2E-16
1,2,3,7,8,9-HxCDD	3.3E-19	3.9E-17	7.5E-16	1.5E-16	5.9E-15	2.8E-11	1.1E-09	3.5E-12	3.8E-10	7.5E-18	6.4E-16
1,2,3,7,8,9-HxCDF	2.5E-20	2.2E-18	4.4E-17	8.9E-18	3.5E-16	1.8E-12	7.2E-11	2.2E-13	2.4E-11	4.3E-19	3.8E-17
1,2,3,7,8-PeCDD	6.3E-19	1.4E-17	2.7E-16	5.4E-17	2.1E-15	1.1E-11	4.5E-10	1.4E-12	1.5E-10	2.6E-18	2.3E-16
1,2,3,7,8-PeCDF	8.8E-19	1.6E-17	3.2E-16	6.3E-17	2.5E-15	1.6E-11	6.5E-10	2.0E-12	2.2E-10	3.1E-18	2.7E-16

Table H-357 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	4.4E-19	4.9E-17	9.3E-16	1.9E-16	7.3E-15	3.6E-11	1.4E-09	4.5E-12	4.8E-10	9.5E-18	7.9E-16
2,3,4,7,8-PeCDF	1.4E-18	3.8E-17	7.5E-16	1.5E-16	6.0E-15	3.5E-11	1.4E-09	4.4E-12	4.8E-10	7.4E-18	6.4E-16
2,3,7,8-TCDD	2.1E-19	2.8E-18	4.0E-17	1.1E-17	3.2E-16	4.4E-12	1.5E-10	5.6E-13	5.0E-11	3.7E-16	2.4E-14
2,3,7,8-TCDF	6.9E-19	5.1E-18	1.0E-16	2.0E-17	8.0E-16	1.6E-11	6.7E-10	2.0E-12	2.2E-10	9.8E-19	8.6E-17
OCDD	1.4E-21	7.2E-17	1.3E-15	2.8E-16	1.0E-14	4.8E-11	1.9E-09	6.0E-12	6.4E-10	1.4E-17	1.1E-15
OCDF	5.3E-22	2.8E-17	5.0E-16	1.1E-16	3.9E-15	1.8E-11	7.0E-10	2.3E-12	2.3E-10	5.4E-18	4.2E-16
HCN											
Hydrogen cyanide						1.4E-05	5.3E-04	1.7E-06	1.8E-04		
Metals											
Aluminum				9.3E-04						4.5E-05	
Antimony	1.3E-18			2.2E-08		8.9E-07	2.2E-05	1.1E-07	7.4E-06	1.1E-09	
Arsenic	7.0E-17	5.1E-08	4.1E-18	1.2E-07	2.0E-17	5.1E-08	1.8E-06	6.4E-09	6.0E-07	9.9E-09	3.5E-18
Barium	1.9E-13			2.3E-10	8.1E-09	1.1E-05	2.9E-04	1.3E-06	9.7E-05	1.1E-11	8.7E-10
Beryllium	2.8E-18			9.0E-17	3.4E-15	3.7E-09	1.2E-07	4.6E-10	4.1E-08	4.4E-18	3.6E-16
Cadmium	7.2E-16			7.0E-17	2.7E-15	6.5E-08	2.3E-06	8.1E-09	7.6E-07	3.4E-18	2.9E-16
Chromium	2.1E-16			6.1E-12	2.4E-10	5.5E-07	2.0E-05	6.9E-08	6.6E-06	3.0E-13	2.6E-11
Cobalt				2.7E-06	7.5E-10	8.4E-07	1.5E-05	1.1E-07	5.1E-06	1.3E-07	8.1E-11
Copper				2.5E-11	9.5E-10	1.5E-06	5.2E-05	1.9E-07	1.7E-05	1.2E-12	1.0E-10
Iron				2.2E-03						1.1E-04	
Lead	5.9E-19			7.7E-06	3.3E-13	5.1E-07	1.7E-05	6.4E-08	5.6E-06	3.8E-07	3.5E-14
Manganese				6.8E-14	2.6E-12	4.7E-07	1.6E-05	5.8E-08	5.4E-06	3.3E-15	2.8E-13
Mercury (+2)				2.8E-15	8.5E-14	2.0E-09	7.1E-08	2.5E-10	2.4E-08	1.3E-16	9.2E-15
Mercury, elemental				8.4E-08		8.4E-12	3.0E-10	1.1E-12	9.9E-11	1.6E-04	
Methyl Mercury	7.2E-16			1.6E-16	6.3E-15					8.0E-18	6.8E-16

Table H-357 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	2.8E-16			5.0E-05	1.3E-14	3.0E-07	1.0E-05	3.7E-08	3.4E-06	2.5E-06	1.4E-15
Phosphorus				6.4E-16	2.4E-14	2.3E-06	7.4E-05	2.8E-07	2.5E-05	6.2E-12	5.0E-10
Selenium	2.4E-17			3.5E-18	1.3E-16	1.5E-08	5.2E-07	1.9E-09	1.7E-07	1.7E-19	1.4E-17
Silver	1.7E-17			6.4E-14	2.4E-12	9.8E-09	3.2E-07	1.2E-09	1.1E-07	3.1E-15	2.6E-13
Thallium (Soluble Salts)				2.3E-08						1.1E-09	
Titanium				6.9E-16	2.8E-14	5.2E-09	2.0E-07	6.5E-10	6.5E-08	3.4E-17	3.0E-15
Zinc	3.5E-13			1.6E-14	5.6E-13	1.2E-05	3.4E-04	1.5E-06	1.1E-04	7.7E-16	6.0E-14
NOx											
NOx (Oxides of Nitrogen)						1.3E-04	4.5E-03	1.7E-05	1.5E-03		
PAHs											
1-Methylnaphthalene		2.0E-17	4.2E-16	1.9E-17	7.6E-16	2.8E-06	1.2E-04	3.5E-07	3.9E-05	2.1E-14	1.9E-12
1-Methylphenanthrene				1.2E-14	5.2E-13	3.4E-07	1.4E-05	4.2E-08	4.7E-06	6.1E-16	5.6E-14
2,3,5-Trimethylnaphthalene				5.8E-15	2.5E-13	1.7E-07	7.2E-06	2.1E-08	2.4E-06	2.9E-16	2.7E-14
2,6-Dimethylnaphthalene				1.6E-14	6.7E-13	4.4E-07	1.9E-05	5.5E-08	6.2E-06	7.8E-16	7.3E-14
2-Methylnaphthalene		2.0E-17	4.0E-16	1.8E-17	7.4E-16	2.7E-06	1.1E-04	3.4E-07	3.8E-05	2.1E-14	1.9E-12
Acenaphthylene				5.1E-14	2.2E-12	1.6E-06	6.8E-05	2.0E-07	2.3E-05	2.5E-15	2.3E-13
Acenaphthene	2.9E-16					3.0E-07	1.2E-05	3.7E-08	4.1E-06		
Anthracene	3.7E-15					5.2E-07	2.2E-05	6.5E-08	7.3E-06		
Benzo(a)anthracene	5.3E-13	7.7E-09	3.4E-12	7.0E-09	6.3E-12	2.6E-07	1.1E-05	3.2E-08	3.7E-06	1.1E-07	2.1E-10
Benzo(a)pyrene	2.6E-13	7.2E-09	1.5E-12	6.6E-09	2.6E-12	1.0E-07	4.2E-06	1.3E-08	1.4E-06	3.2E-10	2.9E-13
Benzo(b)fluoranthene	7.1E-14	1.1E-08	7.9E-14	1.0E-08	1.4E-13	1.1E-07	4.5E-06	1.4E-08	1.5E-06	5.0E-10	1.5E-14
Benzo(e)pyrene				2.9E-15	1.1E-13	8.6E-08	3.5E-06	1.1E-08	1.2E-06	1.4E-16	1.2E-14
Benzo(g,h,i)perylene				2.2E-15	8.7E-14	6.6E-08	2.7E-06	8.2E-09	9.1E-07	1.1E-16	9.4E-15
Benzo(k)fluoranthene	5.9E-16	6.1E-09	4.7E-14	5.5E-09	8.6E-14	1.0E-09	1.8E-08	1.2E-10	5.9E-09	2.7E-10	9.2E-15

Table H-357 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				2.9E-16	1.2E-14	9.5E-06	4.0E-04	1.2E-06	1.3E-04	1.7E-13	1.5E-11
Chrysene	9.1E-14	9.7E-09	4.1E-12	8.8E-09	7.5E-12	4.4E-07	1.8E-05	5.5E-08	6.0E-06	4.3E-10	8.1E-13
Dibenze(a,h)anthracene	1.3E-14	1.7E-09	5.1E-13	1.5E-09	9.3E-13	1.6E-08	6.5E-07	2.0E-09	2.2E-07	7.6E-11	1.0E-13
Fluoranthene	2.4E-14	5.4E-15	1.1E-13	5.0E-15	2.0E-13	6.4E-07	2.7E-05	8.0E-08	8.9E-06	2.4E-16	2.2E-14
Fluorene	5.2E-15					1.6E-06	6.8E-05	2.0E-07	2.3E-05		
Indeno(1,2,3-cd)pyrene	3.3E-14	4.8E-09	1.4E-12	4.4E-09	2.6E-12	5.3E-08	2.2E-06	6.6E-09	7.3E-07	2.2E-10	2.8E-13
Napthalene	2.4E-15					1.3E-05	5.3E-04	1.6E-06	1.8E-04		
Perylene				1.1E-15	5.3E-14	4.0E-08	1.7E-06	4.9E-09	5.8E-07	5.5E-17	5.7E-15
Phenanthrene	2.5E-14					3.0E-06	1.2E-04	3.8E-07	4.1E-05		
Pyrene	1.7E-14	1.8E-14	3.8E-13	1.7E-14	6.9E-13	6.3E-07	2.6E-05	7.8E-08	8.7E-06	4.7E-13	4.2E-11
Particulate											
Particulate Total Suspended Particulate				2.6E-10	1.0E-08	2.0E-03	7.7E-02	2.5E-04	2.6E-02	1.3E-11	1.1E-09
PM<10				3.3E-10	1.4E-08	2.6E-03	1.0E-01	3.3E-04	3.5E-02	1.6E-11	1.5E-09
PM<2.5				2.7E-10	1.1E-08	2.3E-03	9.0E-02	2.8E-04	3.0E-02	1.3E-11	1.2E-09
PCBs											
Dichlorobiphenyl	5.2E-16	4.9E-17	9.8E-16	4.2E-17	1.7E-15	8.0E-09	3.3E-07	9.9E-10	1.1E-07	3.9E-15	3.4E-13
Heptachlorobiphenyl	2.0E-17	5.7E-18	1.1E-16	4.8E-18	1.9E-16	1.1E-10	4.4E-09	1.4E-11	1.5E-09	2.5E-16	2.1E-14
Hexachlorobiphenyl	8.0E-17	2.6E-17	4.6E-16	2.2E-17	7.9E-16	4.6E-10	1.8E-08	5.7E-11	5.9E-09	1.1E-15	8.8E-14
Monochlorobiphenyl	3.6E-15	3.4E-16	6.8E-15	2.9E-16	1.2E-14	5.5E-08	2.3E-06	6.9E-09	7.6E-07	2.7E-14	2.4E-12
Nonachlorobiphenyl	2.5E-18	1.0E-18	1.6E-17	8.5E-19	2.7E-17	1.5E-11	5.5E-10	1.9E-12	1.8E-10	4.3E-17	3.0E-15
Octachlorobiphenyl	5.8E-18	1.9E-18	3.4E-17	1.6E-18	5.7E-17	3.3E-11	1.3E-09	4.2E-12	4.3E-10	8.0E-17	6.4E-15
Pentachlorobiphenyl	2.6E-16	9.3E-17	1.6E-15	7.9E-17	2.7E-15	1.6E-09	5.9E-08	2.0E-10	2.0E-08	4.0E-15	3.0E-13
Tetrachlorobiphenyl	1.6E-16	1.9E-17	3.2E-16	1.6E-17	5.4E-16	2.6E-09	9.7E-08	3.2E-10	3.2E-08	1.5E-15	1.1E-13
Trichlorobiphenyl	2.0E-16	2.3E-17	4.0E-16	1.9E-17	6.8E-16	3.3E-09	1.3E-07	4.1E-10	4.2E-08	1.8E-15	1.4E-13

Table H-357 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				7.7E-09						2.4E-07	
Dieldrin		4.0E-11		4.8E-11						2.3E-12	
SVOCs											
1,2,4-trichlorobenzene						2.3E-08	7.4E-07	2.9E-09	2.5E-07		
1,2-dichlorobenzene	2.4E-19					9.3E-09	1.7E-07	1.2E-09	5.5E-08		
1,3-dichlorobenzene	5.9E-19					1.4E-08	4.7E-07	1.7E-09	1.6E-07		
1,4-dichlorobenzene	7.9E-18					1.3E-07	5.8E-06	1.6E-08	1.9E-06		
1,4-Dioxane						1.1E-02					
2,4-Dimethylphenol	2.2E-16					2.0E-06	8.1E-05	2.5E-07	2.7E-05		
2-Chlorophenol	1.1E-17					4.1E-07	1.8E-05	5.1E-08	5.9E-06		
2-Methylphenol	4.5E-15					4.8E-06	2.0E-04	6.0E-07	6.7E-05		
2-Nitrophenol	2.7E-17					6.5E-07	2.7E-05	8.1E-08	8.9E-06		
3-Methylphenol & 4-Methylphenol				3.2E-13	1.3E-11	8.6E-06	3.6E-04	1.1E-06	1.2E-04	1.5E-14	1.4E-12
4-Nitrophenol	5.6E-17					1.1E-06	4.1E-05	1.3E-07	1.4E-05		
Acetophenone	3.4E-16					1.0E-05	4.2E-04	1.3E-06	1.4E-04		
Benzoic acid	1.4E-15					4.6E-05	1.9E-03	5.8E-06	6.4E-04		
Benzyl alcohol	8.4E-19					3.9E-07	1.2E-05	4.8E-08	3.9E-06		
bis(2-Ethylhexyl) phthalate	4.2E-14	5.8E-13	1.0E-11	6.8E-13	2.4E-11	1.6E-05	6.3E-04	2.0E-06	2.1E-04	3.3E-14	2.6E-12
Butyl benzyl phthalate	1.5E-14	2.8E-16	5.7E-15	3.3E-16	1.3E-14	5.1E-07	2.1E-05	6.4E-08	7.1E-06	1.6E-17	1.5E-15
Carbazole				1.2E-15	2.2E-14	1.4E-08	2.6E-07	1.8E-09	8.6E-08	5.9E-17	2.4E-15
Dibenzofuran		1.2E-17	2.5E-16	4.8E-17	1.9E-15	8.2E-07	3.4E-05	1.0E-07	1.1E-05	2.1E-14	1.8E-12
Dimethyl phthalate	5.5E-18					2.9E-08	5.1E-07	3.6E-09	1.7E-07		
Di-n-butyl phthalate	1.4E-13	2.8E-16	5.7E-15	3.3E-16	1.4E-14	7.9E-07	3.3E-05	9.8E-08	1.1E-05	1.6E-17	1.5E-15

Table H-357 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.1E-18	8.1E-16	7.4E-15	9.5E-16	1.8E-14	5.5E-08	9.8E-07	6.9E-09	3.3E-07	4.7E-17	1.9E-15
Hexachlorobutadiene	5.8E-16					3.8E-06	6.8E-05	4.8E-07	2.3E-05		
Isopropanol						1.7E-01					
Phenol	1.3E-14					2.6E-05	1.1E-03	3.2E-06	3.6E-04		
Pyridine	6.6E-16					2.4E-06	1.0E-04	3.1E-07	3.4E-05		
TRS											
Total Reduced Sulfur						2.5E-05	1.1E-03	3.1E-06	3.6E-04		
VOCs											
1,1,1,2-Tetrachloroethane	2.3E-19					1.2E-08	3.9E-07	1.4E-09	1.3E-07		
1,1,1-Trichloroethane	1.5E-20					1.1E-08	4.3E-07	1.4E-09	1.4E-07		
1,1-Dichloroethene	5.1E-22					2.2E-09	4.0E-08	2.8E-10	1.3E-08		
1,2,3-Trichlorobenzene	1.6E-17					4.6E-08	1.7E-06	5.7E-09	5.7E-07		
1,2,3-Trichloropropane	9.3E-20					9.3E-09	1.7E-07	1.2E-09	5.5E-08		
1,2,4-Trimethylbenzene						5.3E-07	1.7E-05	6.7E-08	5.6E-06		
1,2-Dibromoethane	3.2E-20					5.9E-09	1.1E-07	7.4E-10	3.5E-08		
1,2-Dichloroethane	1.0E-18					2.4E-07	9.0E-06	8.6E-05	3.0E-06		
1,3,5-Trimethylbenzene	5.2E-18					5.0E-07	1.5E-05	6.3E-08	5.0E-06		
1,3-Dichloropropane						5.7E-09	1.0E-07	7.2E-10	3.4E-08		
2-Butanone	2.1E-16					2.8E-06	1.1E-04	3.5E-07	3.7E-05		
2-Chlorotoluene						1.3E-07	5.2E-06	1.6E-08	1.7E-06		
2-Hexanone						5.8E-07	2.1E-05	7.2E-08	7.0E-06		
Benzene	1.7E-16					5.5E-03	2.9E-03	8.3E-04	9.7E-04		
Bromobenzene						3.2E-06	5.7E-05	4.0E-07	1.9E-05		
Bromochloromethane						7.6E-09	1.3E-07	9.4E-10	4.5E-08		

Table H-357 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	2.7E-20					8.2E-09	1.5E-07	1.0E-09	4.9E-08		
Bromomethane	1.1E-19					3.3E-07	9.8E-06	4.1E-08	3.3E-06		
Carbon disulfide	1.1E-19					2.9E-07	8.4E-06	3.6E-08	2.8E-06		
Carbon tetrachloride	1.2E-20					1.1E-02	3.3E-07	1.3E-03	1.1E-07		
Chlorobenzene	4.0E-18					4.1E-07	1.5E-05	5.2E-08	4.9E-06		
Chlorodibromomethane	1.6E-18					2.0E-07	3.6E-06	2.5E-08	1.2E-06		
Chloroethane	3.2E-19					7.8E-07	2.7E-05	9.8E-08	9.1E-06		
Chloroform	2.4E-19					3.7E-03	3.3E-06	2.1E-04	1.1E-06		
Chloromethane	8.4E-19					2.7E-06	8.0E-05	3.3E-07	2.7E-05		
cis-1,2-Dichloroethene	3.3E-19					3.4E-07	6.1E-06	4.3E-08	2.0E-06		
cis-1,3-Dichloropropene						2.1E-09	3.7E-08	2.6E-10	1.2E-08		
Dibromomethane	3.6E-20					1.7E-08	3.1E-07	2.2E-09	1.0E-07		
Dichlorodifluoromethane	4.0E-22					2.1E-08	3.8E-07	2.7E-09	1.3E-07		
Ethylbenzene	1.3E-16					3.1E-03	6.3E-04	2.1E-06	2.1E-04		
Isopropylbenzene	1.7E-19					1.4E-06	4.6E-05	1.7E-07	1.5E-05		
m&p-Xylene	2.0E-17					3.1E-06	1.1E-04	3.9E-07	3.5E-05		
Methyl Isobutyl Ketone (4-methyl-2-per	2.1E-19					3.1E-08	5.4E-07	3.8E-09	1.8E-07		
Methylene chloride	2.2E-18					1.5E-06	5.7E-05	1.9E-07	1.9E-05		
n-Butylbenzene						6.7E-07	2.0E-05	8.3E-08	6.6E-06		
n-Propylbenzene						8.0E-07	2.6E-05	1.0E-07	8.8E-06		
o-Xylene	2.4E-17					2.0E-06	6.5E-05	2.5E-07	2.2E-05		
p-Chlorotoluene						4.8E-08	1.4E-06	5.9E-09	4.8E-07		
p-Isopropyltoluene						3.3E-07	7.9E-06	4.1E-08	2.6E-06		
sec-Butylbenzene						1.2E-07	3.7E-06	1.5E-08	1.2E-06		

Table H-357 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Styrene	8.0E-16					4.4E-05	1.6E-03	5.5E-06	5.3E-04		
tert-Butylbenzene						3.9E-06	7.0E-05	4.9E-07	2.3E-05		
Tetrachloroethene	5.7E-20					1.0E-08	3.6E-07	1.3E-09	1.2E-07		
Toluene	1.3E-16					2.7E-05	1.1E-03	3.4E-06	3.5E-04		
trans-1,2-Dichloroethene	5.0E-18					7.2E-06	1.3E-04	9.1E-07	4.3E-05		
trans-1,3-Dichloropropene						3.6E-09	6.5E-08	4.5E-10	2.2E-08		
Trichloroethene	5.8E-22					8.6E-04	1.1E-08	7.8E-11	3.7E-09		
Trichlorofluoromethane	9.0E-22					7.5E-09	1.3E-07	9.4E-10	4.4E-08		
Vinyl chloride	4.1E-20					1.2E-03	1.0E-05	5.3E-08	3.4E-06		

Table H-358 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	3.0E-05	1.0E-07	9.9E-06		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	5.2E-05	1.8E-07	1.7E-05		
Formaldehyde	4.5E-13					6.2E-07	2.0E-05	7.7E-08	6.8E-06		
Propionaldehyde				2.2E-15	7.2E-14	1.6E-07	5.8E-06	2.0E-08	1.9E-06	1.7E-14	1.2E-12
CO											
Carbon monoxide						4.5E-05	1.7E-03	5.6E-06	5.6E-04		
CO2											
Carbon dioxide						1.4E-06	5.0E-05	1.8E-07	1.7E-05		
Criteria											
Sulfur Dioxide						3.8E-07	1.2E-05	4.7E-08	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	4.0E-14	8.5E-15	3.2E-13	8.5E-13	3.4E-11	1.1E-13	1.1E-11	4.2E-19	3.4E-17
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	4.1E-14	8.6E-15	3.2E-13	8.6E-13	3.4E-11	1.1E-13	1.1E-11	4.2E-19	3.5E-17
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	4.9E-15	9.9E-16	3.9E-14	1.1E-13	4.4E-12	1.4E-14	1.5E-12	4.8E-20	4.2E-18
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	4.7E-15	9.7E-16	3.7E-14	1.0E-13	4.1E-12	1.3E-14	1.4E-12	4.7E-20	4.0E-18
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	3.8E-14	7.7E-15	3.0E-13	8.3E-13	3.3E-11	1.0E-13	1.1E-11	3.8E-19	3.2E-17
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	9.7E-15	2.0E-15	7.7E-14	2.1E-13	8.7E-12	2.7E-14	2.9E-12	9.7E-20	8.3E-18
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	1.2E-14	2.5E-15	9.8E-14	2.7E-13	1.1E-11	3.4E-14	3.6E-12	1.2E-19	1.1E-17
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.5E-14	3.1E-15	1.2E-13	3.2E-13	1.3E-11	4.1E-14	4.4E-12	1.5E-19	1.3E-17
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	8.9E-16	1.8E-16	7.1E-15	2.1E-14	8.4E-13	2.6E-15	2.8E-13	8.8E-21	7.6E-19
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	5.4E-15	1.1E-15	4.3E-14	1.3E-13	5.3E-12	1.6E-14	1.8E-12	5.4E-20	4.6E-18
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	6.4E-15	1.3E-15	5.1E-14	1.8E-13	7.5E-12	2.3E-14	2.5E-12	6.3E-20	5.5E-18

Table H-358 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.9E-14	3.9E-15	1.5E-13	4.2E-13	1.7E-11	5.2E-14	5.6E-12	1.9E-19	1.6E-17
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.5E-14	3.1E-15	1.2E-13	4.1E-13	1.7E-11	5.2E-14	5.6E-12	1.5E-19	1.3E-17
2,3,7,8-TCDD	2.7E-18	5.5E-17	8.0E-16	2.2E-16	6.3E-15	5.2E-14	1.7E-12	6.5E-15	5.8E-13	7.4E-18	4.7E-16
2,3,7,8-TCDF	8.2E-18	1.0E-16	2.0E-15	4.0E-16	1.6E-14	1.9E-13	7.8E-12	2.4E-14	2.6E-12	2.0E-20	1.7E-18
OCDD	2.5E-20	1.5E-15	2.7E-14	5.8E-15	2.1E-13	5.6E-13	2.2E-11	7.0E-14	7.4E-12	2.8E-19	2.3E-17
OCDF	9.3E-21	5.7E-16	1.0E-14	2.2E-15	8.0E-14	2.1E-13	8.2E-12	2.6E-14	2.7E-12	1.1E-19	8.6E-18
HCN											
Hydrogen cyanide						1.6E-07	6.2E-06	2.0E-08	2.1E-06		
Metals											
Aluminum				1.1E-02						5.3E-07	
Antimony	1.6E-17			2.6E-07		1.0E-08	2.6E-07	1.3E-09	8.6E-08	1.3E-11	
Arsenic	8.1E-16	6.0E-07	4.8E-17	1.4E-06	2.3E-16	5.9E-10	2.1E-08	7.4E-11	7.0E-09	1.2E-10	4.1E-20
Barium	2.7E-12			4.4E-09	1.5E-07	1.3E-07	3.4E-06	1.6E-08	1.1E-06	2.1E-13	1.6E-11
Beryllium	3.3E-17			1.0E-15	3.9E-14	4.3E-11	1.5E-09	5.4E-12	4.8E-10	5.1E-20	4.3E-18
Cadmium	8.3E-15			8.2E-16	3.1E-14	7.6E-10	2.6E-08	9.5E-11	8.8E-09	4.0E-20	3.4E-18
Chromium	2.8E-15			9.6E-11	3.7E-09	6.5E-09	2.3E-07	8.1E-10	7.7E-08	4.7E-15	4.0E-13
Cobalt				3.1E-05	1.4E-08	9.8E-09	1.8E-07	1.2E-09	6.0E-08	1.5E-09	1.5E-12
Copper				4.5E-10	1.7E-08	1.8E-08	6.1E-07	2.2E-09	2.0E-07	2.2E-14	1.8E-12
Iron				2.5E-02						1.2E-06	
Lead	6.9E-18			9.0E-05	3.8E-12	6.0E-09	2.0E-07	7.5E-10	6.5E-08	4.4E-09	4.1E-16
Manganese				8.0E-13	3.1E-11	5.5E-09	1.9E-07	6.8E-10	6.3E-08	3.9E-17	3.3E-15
Mercury (+2)				6.4E-14	2.0E-12	2.4E-11	8.3E-10	2.9E-12	2.8E-10	3.1E-18	2.1E-16
Mercury, elemental				9.8E-07		9.8E-14	3.5E-12	1.2E-14	1.2E-12	1.9E-06	
Methyl Mercury	1.3E-14			3.8E-15	1.5E-13					1.9E-19	1.6E-17

Table H-358 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.8E-04	1.6E-13	3.5E-09	1.2E-07	4.3E-10	4.0E-08	2.9E-08	1.7E-17
Phosphorus				7.5E-15	2.8E-13	2.6E-08	8.6E-07	3.3E-09	2.9E-07	7.2E-14	5.9E-12
Selenium	2.8E-16			4.0E-17	1.6E-15	1.7E-10	6.1E-09	2.2E-11	2.0E-09	2.0E-21	1.7E-19
Silver	2.1E-16			8.5E-13	3.2E-11	1.1E-10	3.7E-09	1.4E-11	1.2E-09	4.2E-17	3.4E-15
Thallium (Soluble Salts)				2.7E-07						1.3E-11	
Titanium				8.0E-15	3.2E-13	6.1E-11	2.3E-09	7.6E-12	7.6E-10	3.9E-19	3.5E-17
Zinc	4.1E-12			1.8E-13	6.5E-12	1.4E-07	3.9E-06	1.7E-08	1.3E-06	9.0E-18	7.0E-16
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	5.2E-05	2.0E-07	1.7E-05		
PAHs											
1-Methylnaphthalene		2.4E-16	4.9E-15	2.2E-16	8.9E-15	3.3E-08	1.4E-06	4.1E-09	4.6E-07	2.5E-16	2.2E-14
1-Methylphenanthrene				1.5E-13	6.0E-12	3.9E-09	1.7E-07	4.9E-10	5.5E-08	7.1E-18	6.5E-16
2,3,5-Trimethylnaphthalene				6.8E-14	3.0E-12	1.9E-09	8.4E-08	2.4E-10	2.8E-08	3.3E-18	3.2E-16
2,6-Dimethylnaphthalene				1.9E-13	7.9E-12	5.1E-09	2.2E-07	6.4E-10	7.3E-08	9.1E-18	8.5E-16
2-Methylnaphthalene		2.3E-16	4.7E-15	2.1E-16	8.6E-15	3.2E-08	1.3E-06	4.0E-09	4.4E-07	2.4E-16	2.2E-14
Acenaphthylene				6.0E-13	2.5E-11	1.9E-08	8.0E-07	2.4E-09	2.7E-07	2.9E-17	2.7E-15
Acenaphthene	3.4E-15					3.5E-09	1.4E-07	4.3E-10	4.8E-08		
Anthracene	4.3E-14					6.1E-09	2.6E-07	7.6E-10	8.6E-08		
Benzo(a)anthracene	6.2E-12	9.0E-08	4.4E-11	8.1E-08	8.0E-11	3.0E-09	1.3E-07	3.7E-10	4.3E-08	1.2E-09	2.7E-12
Benzo(a)pyrene	3.1E-12	8.5E-08	1.8E-11	7.7E-08	3.3E-11	1.2E-09	4.9E-08	1.5E-10	1.6E-08	3.8E-12	3.6E-15
Benzo(b)fluoranthene	8.3E-13	1.3E-07	1.0E-12	1.2E-07	1.8E-12	1.3E-09	5.3E-08	1.6E-10	1.8E-08	5.9E-12	2.0E-16
Benzo(e)pyrene				3.4E-14	1.3E-12	1.0E-09	4.1E-08	1.3E-10	1.4E-08	1.7E-18	1.4E-16
Benzo(g,h,i)perylene				2.5E-14	1.0E-12	7.7E-10	3.2E-08	9.6E-11	1.1E-08	1.2E-18	1.1E-16
Benzo(k)fluoranthene	7.9E-15	7.1E-08	7.3E-13	6.4E-08	1.3E-12	1.2E-11	2.1E-10	1.5E-12	6.9E-11	3.1E-12	1.4E-16

Table H-358 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	1.4E-13	1.1E-07	4.7E-06	1.4E-08	1.6E-06	2.0E-15	1.8E-13
Chrysene	1.1E-12	1.1E-07	5.6E-11	1.0E-07	1.0E-10	5.1E-09	2.1E-07	6.4E-10	7.1E-08	5.0E-12	1.1E-14
Dibenze(a,h)anthracene	1.6E-13	2.0E-08	6.8E-12	1.8E-08	1.2E-11	1.9E-10	7.6E-09	2.3E-11	2.5E-09	8.8E-13	1.3E-15
Fluoranthene	2.8E-13	6.8E-14	1.4E-12	6.1E-14	2.5E-12	7.5E-09	3.1E-07	9.4E-10	1.0E-07	3.0E-18	2.7E-16
Fluorene	6.1E-14					1.9E-08	7.9E-07	2.3E-09	2.6E-07		
Indeno(1,2,3-cd)pyrene	4.0E-13	5.7E-08	1.8E-11	5.1E-08	3.3E-11	6.2E-10	2.5E-08	7.7E-11	8.5E-09	2.5E-12	3.6E-15
Napthalene	2.8E-14					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Perylene				1.3E-14	6.2E-13	4.6E-10	2.0E-08	5.8E-11	6.8E-09	6.5E-19	6.6E-17
Phenanthrene	2.9E-13					3.5E-08	1.5E-06	4.4E-09	4.8E-07		
Pyrene	2.0E-13	2.8E-13	5.7E-12	2.5E-13	1.0E-11	7.3E-09	3.0E-07	9.1E-10	1.0E-07	7.1E-15	6.4E-13
Particulate											
Particulate Total Suspended Particulate				3.0E-09	1.2E-07	2.3E-05	9.0E-04	2.9E-06	3.0E-04	1.5E-13	1.3E-11
PM<10				3.8E-09	1.6E-07	3.1E-05	1.2E-03	3.9E-06	4.0E-04	1.9E-13	1.7E-11
PM<2.5				3.2E-09	1.3E-07	2.6E-05	1.0E-03	3.3E-06	3.5E-04	1.6E-13	1.4E-11
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	2.0E-14	8.3E-16	3.3E-14	9.3E-11	3.8E-09	1.2E-11	1.3E-09	7.8E-17	6.8E-15
Heptachlorobiphenyl	2.3E-16	1.2E-16	2.2E-15	9.8E-17	3.8E-15	1.3E-12	5.1E-11	1.6E-13	1.7E-11	5.0E-18	4.2E-16
Hexachlorobiphenyl	9.4E-16	5.2E-16	9.4E-15	4.4E-16	1.6E-14	5.3E-12	2.1E-10	6.7E-13	6.9E-11	2.3E-17	1.8E-15
Monochlorobiphenyl	4.3E-14	6.9E-15	1.4E-13	5.8E-15	2.3E-13	6.5E-10	2.7E-08	8.1E-11	8.9E-09	5.4E-16	4.7E-14
Nonachlorobiphenyl	2.9E-17	2.0E-17	3.2E-16	1.7E-17	5.4E-16	1.8E-13	6.4E-12	2.2E-14	2.1E-12	8.8E-19	6.0E-17
Octachlorobiphenyl	6.9E-17	3.8E-17	6.9E-16	3.2E-17	1.2E-15	3.9E-13	1.5E-11	4.9E-14	5.1E-12	1.6E-18	1.3E-16
Pentachlorobiphenyl	3.1E-15	1.9E-15	3.2E-14	1.6E-15	5.5E-14	1.8E-11	6.9E-10	2.3E-12	2.3E-10	8.1E-17	6.1E-15
Tetrachlorobiphenyl	1.8E-15	3.8E-16	6.4E-15	3.2E-16	1.1E-14	3.0E-11	1.1E-09	3.8E-12	3.8E-10	3.0E-17	2.2E-15
Trichlorobiphenyl	2.4E-15	4.5E-16	8.1E-15	3.8E-16	1.4E-14	3.8E-11	1.5E-09	4.8E-12	4.9E-10	3.6E-17	2.8E-15

Table H-358 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				9.0E-08						2.9E-09	
Dieldrin		4.7E-10		5.6E-10						2.7E-14	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	8.7E-09	3.4E-11	2.9E-09		
1,2-dichlorobenzene	2.8E-18					1.1E-10	1.9E-09	1.4E-11	6.5E-10		
1,3-dichlorobenzene	6.9E-18					1.6E-10	5.5E-09	2.0E-11	1.8E-09		
1,4-dichlorobenzene	9.2E-17					1.5E-09	6.8E-08	1.9E-10	2.3E-08		
1,4-Dioxane						1.3E-04					
2,4-Dimethylphenol	2.5E-15					2.4E-08	9.5E-07	3.0E-09	3.2E-07		
2-Chlorophenol	1.3E-16					4.7E-09	2.1E-07	5.9E-10	6.9E-08		
2-Methylphenol	5.3E-14					5.6E-08	2.3E-06	7.0E-09	7.8E-07		
2-Nitrophenol	3.2E-16					7.6E-09	3.1E-07	9.4E-10	1.0E-07		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.5E-10	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.8E-16	1.7E-14
4-Nitrophenol	6.5E-16					1.3E-08	4.8E-07	1.6E-09	1.6E-07		
Acetophenone	3.9E-15					1.2E-07	4.9E-06	1.5E-08	1.6E-06		
Benzoic acid	1.6E-14					5.4E-07	2.2E-05	6.7E-08	7.5E-06		
Benzyl alcohol	9.8E-18					4.5E-09	1.4E-07	5.6E-10	4.5E-08		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	1.2E-10	8.0E-12	2.9E-10	1.9E-07	7.4E-06	2.4E-08	2.5E-06	3.9E-16	3.1E-14
Butyl benzyl phthalate	1.8E-13	3.3E-15	6.6E-14	3.8E-15	1.6E-13	6.0E-09	2.5E-07	7.5E-10	8.3E-08	1.9E-19	1.7E-17
Carbazole				1.4E-14	2.6E-13	1.7E-10	3.0E-09	2.1E-11	1.0E-09	6.9E-19	2.8E-17
Dibenzofuran		1.4E-16	2.9E-15	5.7E-16	2.3E-14	9.5E-09	3.9E-07	1.2E-09	1.3E-07	2.4E-16	2.1E-14
Dimethyl phthalate	6.5E-17					3.3E-10	5.9E-09	4.2E-11	2.0E-09		
Di-n-butyl phthalate	1.7E-12	3.3E-15	6.7E-14	3.9E-15	1.6E-13	9.2E-09	3.8E-07	1.1E-09	1.3E-07	1.9E-19	1.7E-17

Table H-358 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	8.7E-14	1.1E-14	2.1E-13	6.4E-10	1.1E-08	8.0E-11	3.8E-09	5.5E-19	2.2E-17
Hexachlorobutadiene	6.7E-15					4.4E-08	7.9E-07	5.5E-09	2.6E-07		
Isopropanol						2.0E-03					
Phenol	1.5E-13					3.0E-07	1.2E-05	3.8E-08	4.2E-06		
Pyridine	7.7E-15					2.9E-08	1.2E-06	3.6E-09	4.0E-07		
TRS											
Total Reduced Sulfur						2.9E-07	1.3E-05	3.6E-08	4.2E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	4.6E-09	1.7E-11	1.5E-09		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	5.0E-09	1.7E-11	1.7E-09		
1,1-Dichloroethene	6.0E-21					2.6E-11	4.6E-10	3.2E-12	1.5E-10		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	2.0E-08	6.7E-11	6.6E-09		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	1.9E-09	1.4E-11	6.4E-10		
1,2,4-Trimethylbenzene						6.2E-09	2.0E-07	7.8E-10	6.6E-08		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.2E-09	8.6E-12	4.1E-10		
1,2-Dichloroethane	1.2E-17					2.8E-09	1.0E-07	1.0E-06	3.5E-08		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.7E-07	7.3E-10	5.8E-08		
1,3-Dichloropropane						6.7E-11	1.2E-09	8.4E-12	4.0E-10		
2-Butanone	2.4E-15					3.3E-08	1.3E-06	4.1E-09	4.4E-07		
2-Chlorotoluene						1.5E-09	6.1E-08	1.8E-10	2.0E-08		
2-Hexanone						6.8E-09	2.5E-07	8.4E-10	8.2E-08		
Benzene	2.0E-15					6.4E-05	3.4E-05	9.7E-06	1.1E-05		
Bromobenzene						3.7E-08	6.6E-07	4.7E-09	2.2E-07		
Bromochloromethane						8.8E-11	1.6E-09	1.1E-11	5.2E-10		

Table H-358 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	3.1E-19					9.5E-11	1.7E-09	1.2E-11	5.7E-10		
Bromomethane	1.3E-18					3.8E-09	1.1E-07	4.8E-10	3.8E-08		
Carbon disulfide	1.3E-18					3.3E-09	9.8E-08	4.2E-10	3.3E-08		
Carbon tetrachloride	1.3E-19					1.3E-04	3.9E-09	1.5E-05	1.3E-09		
Chlorobenzene	4.7E-17					4.8E-09	1.7E-07	6.0E-10	5.7E-08		
Chlorodibromomethane	1.8E-17					2.4E-09	4.2E-08	3.0E-10	1.4E-08		
Chloroethane	3.7E-18					9.1E-09	3.2E-07	1.1E-09	1.1E-07		
Chloroform	2.8E-18					4.3E-05	3.8E-08	2.4E-06	1.3E-08		
Chloromethane	9.8E-18					3.1E-08	9.4E-07	3.9E-09	3.1E-07		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	7.1E-08	5.0E-10	2.4E-08		
cis-1,3-Dichloropropene						2.4E-11	4.3E-10	3.0E-12	1.4E-10		
Dibromomethane	4.2E-19					2.0E-10	3.6E-09	2.5E-11	1.2E-09		
Dichlorodifluoromethane	4.7E-21					2.5E-10	4.4E-09	3.1E-11	1.5E-09		
Ethylbenzene	1.5E-15					3.7E-05	7.4E-06	2.4E-08	2.5E-06		
Isopropylbenzene	2.0E-18					1.6E-08	5.4E-07	2.0E-09	1.8E-07		
m&p-Xylene	2.4E-16					3.6E-08	1.2E-06	4.6E-09	4.1E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	6.4E-09	4.5E-11	2.1E-09		
Methylene chloride	2.6E-17					1.8E-08	6.6E-07	2.3E-09	2.2E-07		
n-Butylbenzene						7.8E-09	2.3E-07	9.7E-10	7.7E-08		
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07		
o-Xylene	2.8E-16					2.3E-08	7.6E-07	2.9E-09	2.5E-07		
p-Chlorotoluene						5.5E-10	1.7E-08	6.9E-11	5.6E-09		
p-Isopropyltoluene						3.8E-09	9.2E-08	4.8E-10	3.1E-08		
sec-Butylbenzene						1.4E-09	4.3E-08	1.8E-10	1.4E-08		

Table H-358 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Styrene	9.4E-15					5.1E-07	1.9E-05	6.4E-08	6.2E-06		
tert-Butylbenzene						4.6E-08	8.1E-07	5.7E-09	2.7E-07		
Tetrachloroethene	6.6E-19					1.2E-10	4.2E-09	1.5E-11	1.4E-09		
Toluene	1.6E-15					3.2E-07	1.2E-05	3.9E-08	4.1E-06		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	1.5E-06	1.1E-08	5.0E-07		
trans-1,3-Dichloropropene						4.2E-11	7.5E-10	5.3E-12	2.5E-10		
Trichloroethene	6.8E-21					1.0E-05	1.3E-10	9.1E-13	4.3E-11		
Trichlorofluoromethane	1.0E-20					8.7E-11	1.6E-09	1.1E-11	5.2E-10		
Vinyl chloride	4.8E-19					1.4E-05	1.2E-07	6.2E-10	4.0E-08		

Table H-359 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			7.2E-05	9.0E-06	
Aldehydes					
Acetaldehyde			1.2E-04	1.6E-05	
Formaldehyde			4.1E-01	6.6E-06	
Propionaldehyde		1.9E-16	1.4E-05	1.7E-06	1.4E-12
CO					
Carbon monoxide			3.8E-03	4.8E-04	
CO2					
Carbon dioxide			1.2E-04	1.5E-05	
Criteria					
Sulfur Dioxide			3.2E-05	4.1E-06	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	1.1E-16	4.2E-16	7.3E-11	9.1E-12	2.1E-17
1,2,3,4,6,7,8-HpCDF	1.1E-16	4.2E-16	7.3E-11	9.2E-12	2.1E-17
1,2,3,4,7,8,9-HpCDF	1.2E-17	4.9E-17	9.3E-12	1.2E-12	2.4E-18
1,2,3,4,7,8-HxCDD	1.2E-17	4.8E-17	8.7E-12	1.1E-12	2.3E-18
1,2,3,4,7,8-HxCDF	9.6E-17	3.8E-16	7.1E-11	8.9E-12	1.9E-17
1,2,3,6,7,8-HxCDD	2.5E-17	9.7E-17	1.8E-11	2.3E-12	4.8E-18
1,2,3,6,7,8-HxCDF	3.1E-17	1.2E-16	2.3E-11	2.9E-12	6.1E-18
1,2,3,7,8,9-HxCDD	3.9E-17	1.5E-16	2.8E-11	3.5E-12	7.5E-18
1,2,3,7,8,9-HxCDF	2.2E-18	8.9E-18	1.8E-12	2.2E-13	4.3E-19

Table H-359 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	1.4E-17	5.4E-17	1.1E-11	1.4E-12	2.6E-18
1,2,3,7,8-PeCDF	1.6E-17	6.3E-17	1.6E-11	2.0E-12	3.1E-18
2,3,4,6,7,8-HxCDF	4.9E-17	1.9E-16	3.6E-11	4.5E-12	9.5E-18
2,3,4,7,8-PeCDF	3.8E-17	1.5E-16	3.5E-11	4.4E-12	7.4E-18
2,3,7,8-TCDD	2.8E-18	1.1E-17	4.4E-12	5.6E-13	3.7E-16
2,3,7,8-TCDF	5.1E-18	2.0E-17	1.6E-11	2.0E-12	9.8E-19
OCDD	7.2E-17	2.8E-16	4.8E-11	6.0E-12	1.4E-17
OCDF	2.8E-17	1.1E-16	1.8E-11	2.3E-12	5.4E-18
HCN					
Hydrogen cyanide			1.4E-05	1.7E-06	
Metals					
Aluminum		9.9E-04			4.9E-05
Antimony		6.6E-08	8.9E-07	1.1E-07	3.2E-09
Arsenic	2.3E-07	5.5E-07	5.1E-08	6.4E-09	4.5E-08
Barium		2.3E-10	1.1E-05	1.3E-06	1.1E-11
Beryllium		9.0E-17	3.7E-09	4.6E-10	4.4E-18
Cadmium		7.0E-17	6.5E-08	8.1E-09	3.4E-18
Chromium		6.1E-12	5.5E-07	6.9E-08	3.0E-13
Cobalt		2.8E-06	8.4E-07	1.1E-07	1.4E-07
Copper		2.5E-11	1.5E-06	1.9E-07	1.2E-12
Iron		2.3E-03			1.2E-04
Lead		9.5E-06	5.1E-07	6.4E-08	4.7E-07

Table H-359 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		6.8E-14	4.7E-07	5.8E-08	3.3E-15
Mercury (+2)		2.8E-15	2.0E-09	2.5E-10	1.3E-16
Mercury, elemental		2.3E-09	8.4E-12	1.1E-12	4.4E-06
Methyl Mercury		1.6E-16			8.0E-18
Nickel		4.8E-05	3.0E-07	3.7E-08	2.3E-06
Phosphorus		6.4E-16	2.3E-06	2.8E-07	6.2E-12
Selenium		3.5E-18	1.5E-08	1.9E-09	1.7E-19
Silver		6.4E-14	9.8E-09	1.2E-09	3.1E-15
Thallium (Soluble Salts)		7.0E-09			3.4E-10
Titanium		6.9E-16	5.2E-09	6.5E-10	3.4E-17
Zinc		1.6E-14	1.2E-05	1.5E-06	7.7E-16
NOx					
NOx (Oxides of Nitrogen)			1.3E-04	1.7E-05	
PAHs					
1-Methylnaphthalene	2.0E-17	1.9E-17	2.8E-06	3.5E-07	2.1E-14
1-Methylphenanthrene		1.2E-14	3.4E-07	4.2E-08	6.1E-16
2,3,5-Trimethylnaphthalene		5.8E-15	1.7E-07	2.1E-08	2.9E-16
2,6-Dimethylnaphthalene		1.6E-14	4.4E-07	5.5E-08	7.8E-16
2-Methylnaphthalene	2.0E-17	1.8E-17	2.7E-06	3.4E-07	2.1E-14
Acenaphthylene		5.1E-14	1.6E-06	2.0E-07	2.5E-15
Acenaphthene			3.0E-07	3.7E-08	
Anthracene			5.2E-07	6.5E-08	

Table H-359 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)anthracene	1.4E-08	1.3E-08	2.6E-07	3.2E-08	1.9E-07
Benzo(a)pyrene	1.5E-08	1.3E-08	1.0E-07	1.3E-08	6.5E-10
Benzo(b)fluoranthene	2.6E-08	2.3E-08	1.1E-07	1.4E-08	1.2E-09
Benzo(e)pyrene		2.9E-15	8.6E-08	1.1E-08	1.4E-16
Benzo(g,h,i)perylene		2.2E-15	6.6E-08	8.2E-09	1.1E-16
Benzo(k)fluoranthene	1.0E-08	9.5E-09	1.0E-09	1.2E-10	4.7E-10
Biphenyl		2.9E-16	9.5E-06	1.2E-06	1.7E-13
Chrysene	2.0E-08	1.8E-08	4.4E-07	5.5E-08	9.0E-10
Dibenzo(a,h)anthracene	2.6E-14	2.3E-14	1.6E-08	2.0E-09	1.1E-15
Fluoranthene	5.4E-15	5.0E-15	6.4E-07	8.0E-08	2.4E-16
Fluorene			1.6E-06	2.0E-07	
Indeno(1,2,3-cd)pyrene	8.1E-09	7.3E-09	5.3E-08	6.6E-09	3.6E-10
Napthalene			1.3E-05	1.6E-06	
Perylene		1.1E-15	4.0E-08	4.9E-09	5.5E-17
Phenanthrene			3.0E-06	3.8E-07	
Pyrene	1.8E-14	1.7E-14	6.3E-07	7.8E-08	4.7E-13
Particulate					
Particulate Total Suspended Particulate		2.6E-10	2.0E-03	2.5E-04	1.3E-11
PM<10		3.3E-10	2.6E-03	3.3E-04	1.6E-11
PM<2.5		2.7E-10	2.3E-03	2.8E-04	1.3E-11
PCBs					
Dichlorobiphenyl	4.9E-17	4.2E-17	8.0E-09	9.9E-10	3.9E-15

Table H-359 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Heptachlorobiphenyl	5.7E-18	4.8E-18	1.1E-10	1.4E-11	2.5E-16
Hexachlorobiphenyl	2.6E-17	2.2E-17	4.6E-10	5.7E-11	1.1E-15
Monochlorobiphenyl	3.4E-16	2.9E-16	5.5E-08	6.9E-09	2.7E-14
Nonachlorobiphenyl	1.0E-18	8.5E-19	1.5E-11	1.9E-12	4.3E-17
Octachlorobiphenyl	1.9E-18	1.6E-18	3.3E-11	4.2E-12	8.0E-17
Pentachlorobiphenyl	9.3E-17	7.9E-17	1.6E-09	2.0E-10	4.0E-15
Tetrachlorobiphenyl	1.9E-17	1.6E-17	2.6E-09	3.2E-10	1.5E-15
Trichlorobiphenyl	2.3E-17	1.9E-17	3.3E-09	4.1E-10	1.8E-15
Pesticides					
DDE		5.9E-07			1.9E-05
Dieldrin	2.3E-09	2.7E-09			1.3E-10
SVOCs					
1,2,4-trichlorobenzene			2.3E-08	2.9E-09	
1,2-dichlorobenzene			9.3E-09	1.2E-09	
1,3-dichlorobenzene			1.4E-08	1.7E-09	
1,4-dichlorobenzene			1.3E-07	1.6E-08	
2,4-Dimethylphenol			2.0E-06	2.5E-07	
2-Chlorophenol			4.1E-07	5.1E-08	
2-Methylphenol			4.8E-06	6.0E-07	
2-Nitrophenol			6.5E-07	8.1E-08	
3-Methylphenol & 4-Methylphenol		3.2E-13	8.6E-06	1.1E-06	1.5E-14
4-Nitrophenol			1.1E-06	1.3E-07	

Table H-359 (Lifetime Average Daily Dose)

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Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			1.0E-05	1.3E-06	
Benzoic acid			4.6E-05	5.8E-06	
Benzyl alcohol			3.9E-07	4.8E-08	
bis(2-Ethylhexyl) phthalate	5.8E-13	6.8E-13	1.6E-05	2.0E-06	3.3E-14
Butyl benzyl phthalate	2.8E-16	3.3E-16	5.1E-07	6.4E-08	1.6E-17
Carbazole		1.2E-15	1.4E-08	1.8E-09	5.9E-17
Dibenzofuran	1.2E-17	4.8E-17	8.2E-07	1.0E-07	2.1E-14
Dimethyl phthalate			2.9E-08	3.6E-09	
Di-n-butyl phthalate	2.8E-16	3.3E-16	7.9E-07	9.8E-08	1.6E-17
Di-n-octyl phthalate	8.1E-16	9.5E-16	5.5E-08	6.9E-09	4.7E-17
Hexachlorobutadiene			3.8E-06	4.8E-07	
Isopropanol			5.1E-01		
Phenol			2.6E-05	3.2E-06	
Pyridine			2.4E-06	3.1E-07	
TRS					
Total Reduced Sulfur			2.5E-05	3.1E-06	
VOCs					
1,1,1,2-Tetrachloroethane			1.2E-08	1.4E-09	
1,1,1-Trichloroethane			1.1E-08	1.4E-09	
1,1-Dichloroethene			2.2E-09	2.8E-10	
1,2,3-Trichlorobenzene			4.6E-08	5.7E-09	
1,2,3-Trichloropropane			9.3E-09	1.2E-09	

Table H-359 (Lifetime Average Daily Dose)

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Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			5.3E-07	6.7E-08	
1,2-Dibromoethane			5.9E-09	7.4E-10	
1,2-Dichloroethane			2.0E-03	8.6E-05	
1,3,5-Trimethylbenzene			5.0E-07	6.3E-08	
1,3-Dichloropropane			5.7E-09	7.2E-10	
2-Butanone			2.8E-06	3.5E-07	
2-Chlorotoluene			1.3E-07	1.6E-08	
2-Hexanone			5.8E-07	7.2E-08	
Benzene			7.0E-02	8.3E-04	
Bromobenzene			3.2E-06	4.0E-07	
Bromochloromethane			7.6E-09	9.4E-10	
Bromodichloromethane			8.2E-09	1.0E-09	
Bromomethane			3.3E-07	4.1E-08	
Carbon disulfide			2.9E-07	3.6E-08	
Carbon tetrachloride			1.3E-02	1.3E-03	
Chlorobenzene			4.1E-07	5.2E-08	
Chlorodibromomethane			2.0E-07	2.5E-08	
Chloroethane			7.8E-07	9.8E-08	
Chloroform			3.1E-03	2.1E-04	
Chloromethane			2.7E-06	3.3E-07	
cis-1,2-Dichloroethene			3.4E-07	4.3E-08	
cis-1,3-Dichloropropene			2.1E-09	2.6E-10	

Table H-359 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
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Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			1.7E-08	2.2E-09	
Dichlorodifluoromethane			2.1E-08	2.7E-09	
Ethylbenzene			1.8E-02	2.1E-06	
Isopropylbenzene			1.4E-06	1.7E-07	
m&p-Xylene			3.1E-06	3.9E-07	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.1E-08	3.8E-09	
Methylene chloride			1.5E-06	1.9E-07	
n-Butylbenzene			6.7E-07	8.3E-08	
n-Propylbenzene			8.0E-07	1.0E-07	
o-Xylene			2.0E-06	2.5E-07	
p-Chlorotoluene			4.8E-08	5.9E-09	
p-Isopropyltoluene			3.3E-07	4.1E-08	
sec-Butylbenzene			1.2E-07	1.5E-08	
Styrene			4.4E-05	5.5E-06	
tert-Butylbenzene			3.9E-06	4.9E-07	
Tetrachloroethene			1.0E-08	1.3E-09	
Toluene			2.7E-05	3.4E-06	
trans-1,2-Dichloroethene			7.2E-06	9.1E-07	
trans-1,3-Dichloropropene			3.6E-09	4.5E-10	
Trichloroethene			4.3E-04	7.8E-11	
Trichlorofluoromethane			7.5E-09	9.4E-10	
Vinyl chloride			4.2E-07	5.3E-08	

Table H-360 (Average Daily Dose)

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Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			8.4E-07	1.0E-07	
Aldehydes					
Acetaldehyde			1.4E-06	1.8E-07	
Formaldehyde			4.8E-03	7.7E-08	
Propionaldehyde		2.2E-15	1.6E-07	2.0E-08	1.7E-14
CO					
Carbon monoxide			4.5E-05	5.6E-06	
CO2					
Carbon dioxide			1.4E-06	1.8E-07	
Criteria					
Sulfur Dioxide			3.8E-07	4.7E-08	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	2.2E-15	8.5E-15	8.5E-13	1.1E-13	4.2E-19
1,2,3,4,6,7,8-HpCDF	2.2E-15	8.6E-15	8.6E-13	1.1E-13	4.2E-19
1,2,3,4,7,8,9-HpCDF	2.5E-16	9.9E-16	1.1E-13	1.4E-14	4.8E-20
1,2,3,4,7,8-HxCDD	2.5E-16	9.7E-16	1.0E-13	1.3E-14	4.7E-20
1,2,3,4,7,8-HxCDF	2.0E-15	7.7E-15	8.3E-13	1.0E-13	3.8E-19
1,2,3,6,7,8-HxCDD	5.0E-16	2.0E-15	2.1E-13	2.7E-14	9.7E-20
1,2,3,6,7,8-HxCDF	6.4E-16	2.5E-15	2.7E-13	3.4E-14	1.2E-19
1,2,3,7,8,9-HxCDD	7.9E-16	3.1E-15	3.2E-13	4.1E-14	1.5E-19
1,2,3,7,8,9-HxCDF	4.6E-17	1.8E-16	2.1E-14	2.6E-15	8.8E-21

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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	2.8E-16	1.1E-15	1.3E-13	1.6E-14	5.4E-20
1,2,3,7,8-PeCDF	3.3E-16	1.3E-15	1.8E-13	2.3E-14	6.3E-20
2,3,4,6,7,8-HxCDF	1.0E-15	3.9E-15	4.2E-13	5.2E-14	1.9E-19
2,3,4,7,8-PeCDF	7.8E-16	3.1E-15	4.1E-13	5.2E-14	1.5E-19
2,3,7,8-TCDD	5.5E-17	2.2E-16	5.2E-14	6.5E-15	7.4E-18
2,3,7,8-TCDF	1.0E-16	4.0E-16	1.9E-13	2.4E-14	2.0E-20
OCDD	1.5E-15	5.8E-15	5.6E-13	7.0E-14	2.8E-19
OCDF	5.7E-16	2.2E-15	2.1E-13	2.6E-14	1.1E-19
HCN					
Hydrogen cyanide			1.6E-07	2.0E-08	
Metals					
Aluminum		1.2E-02			5.7E-07
Antimony		7.7E-07	1.0E-08	1.3E-09	3.8E-11
Arsenic	2.7E-06	6.4E-06	5.9E-10	7.4E-11	5.2E-10
Barium		4.4E-09	1.3E-07	1.6E-08	2.1E-13
Beryllium		1.0E-15	4.3E-11	5.4E-12	5.1E-20
Cadmium		8.2E-16	7.6E-10	9.5E-11	4.0E-20
Chromium		9.6E-11	6.5E-09	8.1E-10	4.7E-15
Cobalt		3.3E-05	9.8E-09	1.2E-09	1.6E-09
Copper		4.5E-10	1.8E-08	2.2E-09	2.2E-14
Iron		2.7E-02			1.3E-06
Lead		1.1E-04	6.0E-09	7.5E-10	5.5E-09

Table H-360 (Average Daily Dose)

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Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		8.0E-13	5.5E-09	6.8E-10	3.9E-17
Mercury (+2)		6.4E-14	2.4E-11	2.9E-12	3.1E-18
Mercury, elemental		2.7E-08	9.8E-14	1.2E-14	5.2E-08
Methyl Mercury		3.8E-15			1.9E-19
Nickel		5.6E-04	3.5E-09	4.3E-10	2.7E-08
Phosphorus		7.5E-15	2.6E-08	3.3E-09	7.2E-14
Selenium		4.0E-17	1.7E-10	2.2E-11	2.0E-21
Silver		8.5E-13	1.1E-10	1.4E-11	4.2E-17
Thallium (Soluble Salts)		8.1E-08			4.0E-12
Titanium		8.0E-15	6.1E-11	7.6E-12	3.9E-19
Zinc		1.8E-13	1.4E-07	1.7E-08	9.0E-18
NOx					
NOx (Oxides of Nitrogen)			1.6E-06	2.0E-07	
PAHs					
1-Methylnaphthalene	2.4E-16	2.2E-16	3.3E-08	4.1E-09	2.5E-16
1-Methylphenanthrene		1.5E-13	3.9E-09	4.9E-10	7.1E-18
2,3,5-Trimethylnaphthalene		6.8E-14	1.9E-09	2.4E-10	3.3E-18
2,6-Dimethylnaphthalene		1.9E-13	5.1E-09	6.4E-10	9.1E-18
2-Methylnaphthalene	2.3E-16	2.1E-16	3.2E-08	4.0E-09	2.4E-16
Acenaphthylene		6.0E-13	1.9E-08	2.4E-09	2.9E-17
Acenaphthene			3.5E-09	4.3E-10	
Anthracene			6.1E-09	7.6E-10	

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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)anthracene	1.6E-07	1.5E-07	3.0E-09	3.7E-10	2.3E-09
Benzo(a)pyrene	1.7E-07	1.5E-07	1.2E-09	1.5E-10	7.6E-12
Benzo(b)fluoranthene	3.0E-07	2.7E-07	1.3E-09	1.6E-10	1.3E-11
Benzo(e)pyrene		3.4E-14	1.0E-09	1.3E-10	1.7E-18
Benzo(g,h,i)perylene		2.5E-14	7.7E-10	9.6E-11	1.2E-18
Benzo(k)fluoranthene	1.2E-07	1.1E-07	1.2E-11	1.5E-12	5.5E-12
Biphenyl		3.3E-15	1.1E-07	1.4E-08	2.0E-15
Chrysene	2.4E-07	2.1E-07	5.1E-09	6.4E-10	1.0E-11
Dibenzo(a,h)anthracene	3.4E-13	3.1E-13	1.9E-10	2.3E-11	1.5E-17
Fluoranthene	6.8E-14	6.1E-14	7.5E-09	9.4E-10	3.0E-18
Fluorene			1.9E-08	2.3E-09	
Indeno(1,2,3-cd)pyrene	9.4E-08	8.6E-08	6.2E-10	7.7E-11	4.2E-12
Napthalene			1.5E-07	1.9E-08	
Perylene		1.3E-14	4.6E-10	5.8E-11	6.5E-19
Phenanthrene			3.5E-08	4.4E-09	
Pyrene	2.8E-13	2.5E-13	7.3E-09	9.1E-10	7.1E-15
Particulate					
Particulate Total Suspended Particulate		3.0E-09	2.3E-05	2.9E-06	1.5E-13
PM<10		3.8E-09	3.1E-05	3.9E-06	1.9E-13
PM<2.5		3.2E-09	2.6E-05	3.3E-06	1.6E-13
PCBs					
Dichlorobiphenyl	9.9E-16	8.3E-16	9.3E-11	1.2E-11	7.8E-17

Table H-360 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Heptachlorobiphenyl	1.2E-16	9.8E-17	1.3E-12	1.6E-13	5.0E-18
Hexachlorobiphenyl	5.2E-16	4.4E-16	5.3E-12	6.7E-13	2.3E-17
Monochlorobiphenyl	6.9E-15	5.8E-15	6.5E-10	8.1E-11	5.4E-16
Nonachlorobiphenyl	2.0E-17	1.7E-17	1.8E-13	2.2E-14	8.8E-19
Octachlorobiphenyl	3.8E-17	3.2E-17	3.9E-13	4.9E-14	1.6E-18
Pentachlorobiphenyl	1.9E-15	1.6E-15	1.8E-11	2.3E-12	8.1E-17
Tetrachlorobiphenyl	3.8E-16	3.2E-16	3.0E-11	3.8E-12	3.0E-17
Trichlorobiphenyl	4.5E-16	3.8E-16	3.8E-11	4.8E-12	3.6E-17
Pesticides					
DDE		6.8E-06			2.2E-07
Dieldrin	2.7E-08	3.2E-08			1.6E-12
SVOCs					
1,2,4-trichlorobenzene			2.7E-10	3.4E-11	
1,2-dichlorobenzene			1.1E-10	1.4E-11	
1,3-dichlorobenzene			1.6E-10	2.0E-11	
1,4-dichlorobenzene			1.5E-09	1.9E-10	
2,4-Dimethylphenol			2.4E-08	3.0E-09	
2-Chlorophenol			4.7E-09	5.9E-10	
2-Methylphenol			5.6E-08	7.0E-09	
2-Nitrophenol			7.6E-09	9.4E-10	
3-Methylphenol & 4-Methylphenol		3.7E-12	1.0E-07	1.3E-08	1.8E-16
4-Nitrophenol			1.3E-08	1.6E-09	

Table H-360 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			1.2E-07	1.5E-08	
Benzoic acid			5.4E-07	6.7E-08	
Benzyl alcohol			4.5E-09	5.6E-10	
bis(2-Ethylhexyl) phthalate	6.7E-12	8.0E-12	1.9E-07	2.4E-08	3.9E-16
Butyl benzyl phthalate	3.3E-15	3.8E-15	6.0E-09	7.5E-10	1.9E-19
Carbazole		1.4E-14	1.7E-10	2.1E-11	6.9E-19
Dibenzofuran	1.4E-16	5.7E-16	9.5E-09	1.2E-09	2.4E-16
Dimethyl phthalate			3.3E-10	4.2E-11	
Di-n-butyl phthalate	3.3E-15	3.9E-15	9.2E-09	1.1E-09	1.9E-19
Di-n-octyl phthalate	9.4E-15	1.1E-14	6.4E-10	8.0E-11	5.5E-19
Hexachlorobutadiene			4.4E-08	5.5E-09	
Isopropanol			5.9E-03		
Phenol			3.0E-07	3.8E-08	
Pyridine			2.9E-08	3.6E-09	
TRS					
Total Reduced Sulfur			2.9E-07	3.6E-08	
VOCs					
1,1,1,2-Tetrachloroethane			1.3E-10	1.7E-11	
1,1,1-Trichloroethane			1.3E-10	1.7E-11	
1,1-Dichloroethene			2.6E-11	3.2E-12	
1,2,3-Trichlorobenzene			5.3E-10	6.7E-11	
1,2,3-Trichloropropane			1.1E-10	1.4E-11	

Table H-360 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			6.2E-09	7.8E-10	
1,2-Dibromoethane			6.9E-11	8.6E-12	
1,2-Dichloroethane			2.3E-05	1.0E-06	
1,3,5-Trimethylbenzene			5.9E-09	7.3E-10	
1,3-Dichloropropane			6.7E-11	8.4E-12	
2-Butanone			3.3E-08	4.1E-09	
2-Chlorotoluene			1.5E-09	1.8E-10	
2-Hexanone			6.8E-09	8.4E-10	
Benzene			8.2E-04	9.7E-06	
Bromobenzene			3.7E-08	4.7E-09	
Bromochloromethane			8.8E-11	1.1E-11	
Bromodichloromethane			9.5E-11	1.2E-11	
Bromomethane			3.8E-09	4.8E-10	
Carbon disulfide			3.3E-09	4.2E-10	
Carbon tetrachloride			1.6E-04	1.5E-05	
Chlorobenzene			4.8E-09	6.0E-10	
Chlorodibromomethane			2.4E-09	3.0E-10	
Chloroethane			9.1E-09	1.1E-09	
Chloroform			3.7E-05	2.4E-06	
Chloromethane			3.1E-08	3.9E-09	
cis-1,2-Dichloroethene			4.0E-09	5.0E-10	
cis-1,3-Dichloropropene			2.4E-11	3.0E-12	

Table H-360 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			2.0E-10	2.5E-11	
Dichlorodifluoromethane			2.5E-10	3.1E-11	
Ethylbenzene			2.1E-04	2.4E-08	
Isopropylbenzene			1.6E-08	2.0E-09	
m&p-Xylene			3.6E-08	4.6E-09	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.6E-10	4.5E-11	
Methylene chloride			1.8E-08	2.3E-09	
n-Butylbenzene			7.8E-09	9.7E-10	
n-Propylbenzene			9.4E-09	1.2E-09	
o-Xylene			2.3E-08	2.9E-09	
p-Chlorotoluene			5.5E-10	6.9E-11	
p-Isopropyltoluene			3.8E-09	4.8E-10	
sec-Butylbenzene			1.4E-09	1.8E-10	
Styrene			5.1E-07	6.4E-08	
tert-Butylbenzene			4.6E-08	5.7E-09	
Tetrachloroethene			1.2E-10	1.5E-11	
Toluene			3.2E-07	3.9E-08	
trans-1,2-Dichloroethene			8.4E-08	1.1E-08	
trans-1,3-Dichloropropene			4.2E-11	5.3E-12	
Trichloroethene			5.0E-06	9.1E-13	
Trichlorofluoromethane			8.7E-11	1.1E-11	
Vinyl chloride			5.0E-09	6.2E-10	

Table H-361 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						7.2E-05	1.7E-04	9.0E-06	9.0E-06		
Aldehydes											
Acetaldehyde	7.9E-15					1.2E-04	2.9E-04	1.6E-05	1.6E-05		
Formaldehyde	3.9E-14					4.1E-01	1.2E-04	6.6E-06	6.6E-06		
Propionaldehyde				1.9E-16	5.4E-16	1.4E-05	3.1E-05	1.7E-06	1.7E-06	1.4E-12	8.9E-12
CO											
Carbon monoxide						3.8E-03	8.8E-03	4.8E-04	4.8E-04		
CO2											
Carbon dioxide						1.2E-04	2.8E-04	1.5E-05	1.5E-05		
Criteria											
Sulfur Dioxide						3.2E-05	7.5E-05	4.1E-06	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.1E-19	1.1E-16	1.5E-16	4.2E-16	1.2E-15	7.3E-11	1.7E-10	9.1E-12	9.1E-12	2.1E-17	1.3E-16
1,2,3,4,6,7,8-HpCDF	1.0E-19	1.1E-16	1.5E-16	4.2E-16	1.2E-15	7.3E-11	1.7E-10	9.2E-12	9.2E-12	2.1E-17	1.3E-16
1,2,3,4,7,8,9-HpCDF	1.6E-20	1.2E-17	1.7E-17	4.9E-17	1.4E-16	9.3E-12	2.1E-11	1.2E-12	1.2E-12	2.4E-18	1.5E-17
1,2,3,4,7,8-HxCDD	1.2E-19	1.2E-17	1.7E-17	4.8E-17	1.3E-16	8.7E-12	2.0E-11	1.1E-12	1.1E-12	2.3E-18	1.4E-17
1,2,3,4,7,8-HxCDF	8.2E-19	9.6E-17	1.3E-16	3.8E-16	1.1E-15	7.1E-11	1.6E-10	8.9E-12	8.9E-12	1.9E-17	1.1E-16
1,2,3,6,7,8-HxCDD	2.3E-19	2.5E-17	3.4E-17	9.7E-17	2.7E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	4.8E-18	2.9E-17
1,2,3,6,7,8-HxCDF	3.0E-19	3.1E-17	4.4E-17	1.2E-16	3.5E-16	2.3E-11	5.3E-11	2.9E-12	2.9E-12	6.1E-18	3.7E-17
1,2,3,7,8,9-HxCDD	3.3E-19	3.9E-17	5.4E-17	1.5E-16	4.3E-16	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.5E-18	4.6E-17
1,2,3,7,8,9-HxCDF	2.5E-20	2.2E-18	3.1E-18	8.9E-18	2.5E-17	1.8E-12	4.1E-12	2.2E-13	2.2E-13	4.3E-19	2.7E-18
1,2,3,7,8-PeCDD	6.3E-19	1.4E-17	1.9E-17	5.4E-17	1.5E-16	1.1E-11	2.6E-11	1.4E-12	1.4E-12	2.6E-18	1.6E-17
1,2,3,7,8-PeCDF	8.8E-19	1.6E-17	2.2E-17	6.3E-17	1.8E-16	1.6E-11	3.6E-11	2.0E-12	2.0E-12	3.1E-18	1.9E-17

Table H-361 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	4.4E-19	4.9E-17	6.9E-17	1.9E-16	5.4E-16	3.6E-11	8.2E-11	4.5E-12	4.5E-12	9.5E-18	5.8E-17
2,3,4,7,8-PeCDF	1.4E-18	3.8E-17	5.4E-17	1.5E-16	4.2E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	7.4E-18	4.6E-17
2,3,7,8-TCDD	2.1E-19	2.8E-18	3.9E-18	1.1E-17	3.1E-17	4.4E-12	1.0E-11	5.6E-13	5.6E-13	3.7E-16	2.3E-15
2,3,7,8-TCDF	6.9E-19	5.1E-18	7.1E-18	2.0E-17	5.6E-17	1.6E-11	3.8E-11	2.0E-12	2.0E-12	9.8E-19	6.0E-18
OCDD	1.4E-21	7.2E-17	1.0E-16	2.8E-16	8.0E-16	4.8E-11	1.1E-10	6.0E-12	6.0E-12	1.4E-17	8.6E-17
OCDF	5.3E-22	2.8E-17	3.9E-17	1.1E-16	3.1E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.4E-18	3.3E-17
HCN											
Hydrogen cyanide						1.4E-05	3.1E-05	1.7E-06	1.7E-06		
Metals											
Aluminum				9.9E-04	1.7E-03					4.9E-05	1.8E-04
Antimony	1.3E-18			6.6E-08	1.2E-07	8.9E-07	2.1E-06	1.1E-07	1.1E-07	3.2E-09	1.3E-08
Arsenic	7.0E-17	2.3E-07	2.0E-08	5.5E-07	9.3E-08	5.1E-08	1.2E-07	6.4E-09	6.4E-09	4.5E-08	1.7E-08
Barium	1.9E-13			2.3E-10	6.6E-10	1.1E-05	2.5E-05	1.3E-06	1.3E-06	1.1E-11	7.1E-11
Beryllium	2.8E-18			9.0E-17	2.5E-16	3.7E-09	8.5E-09	4.6E-10	4.6E-10	4.4E-18	2.7E-17
Cadmium	7.2E-16			7.0E-17	2.0E-16	6.5E-08	1.5E-07	8.1E-09	8.1E-09	3.4E-18	2.1E-17
Chromium	2.1E-16			6.1E-12	1.7E-11	5.5E-07	1.3E-06	6.9E-08	6.9E-08	3.0E-13	1.8E-12
Cobalt				2.8E-06	3.2E-06	8.4E-07	1.9E-06	1.1E-07	1.1E-07	1.4E-07	3.4E-07
Copper				2.5E-11	7.0E-11	1.5E-06	3.5E-06	1.9E-07	1.9E-07	1.2E-12	7.5E-12
Iron				2.3E-03	3.2E-03					1.2E-04	3.5E-04
Lead	5.9E-19			9.5E-06	2.0E-05	5.1E-07	1.2E-06	6.4E-08	6.4E-08	4.7E-07	2.1E-06
Manganese				6.8E-14	1.9E-13	4.7E-07	1.1E-06	5.8E-08	5.8E-08	3.3E-15	2.1E-14
Mercury (+2)				2.8E-15	7.7E-15	2.0E-09	4.7E-09	2.5E-10	2.5E-10	1.3E-16	8.3E-16
Mercury, elemental				2.3E-09	3.8E-09	8.4E-12	1.9E-11	1.1E-12	1.1E-12	4.4E-06	2.7E-05
Methyl Mercury	7.2E-16			1.6E-16	4.6E-16					8.0E-18	4.9E-17

Table H-361 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	2.8E-16			4.8E-05	6.1E-05	3.0E-07	6.9E-07	3.7E-08	3.7E-08	2.3E-06	6.6E-06
Phosphorus				6.4E-16	1.8E-15	2.3E-06	5.2E-06	2.8E-07	2.8E-07	6.2E-12	3.8E-11
Selenium	2.4E-17			3.5E-18	9.7E-18	1.5E-08	3.5E-08	1.9E-09	1.9E-09	1.7E-19	1.0E-18
Silver	1.7E-17			6.4E-14	1.8E-13	9.8E-09	2.3E-08	1.2E-09	1.2E-09	3.1E-15	1.9E-14
Thallium (Soluble Salts)				7.0E-09	1.4E-08					3.4E-10	1.6E-09
Titanium				6.9E-16	1.9E-15	5.2E-09	1.2E-08	6.5E-10	6.5E-10	3.4E-17	2.1E-16
Zinc	3.5E-13			1.6E-14	4.4E-14	1.2E-05	2.7E-05	1.5E-06	1.5E-06	7.7E-16	4.8E-15
NOx											
NOx (Oxides of Nitrogen)						1.3E-04	3.1E-04	1.7E-05	1.7E-05		
PAHs											
1-Methylnaphthalene		2.0E-17	2.9E-17	1.9E-17	5.2E-17	2.8E-06	6.5E-06	3.5E-07	3.5E-07	2.1E-14	1.3E-13
1-Methylphenanthrene				1.2E-14	3.5E-14	3.4E-07	7.8E-07	4.2E-08	4.2E-08	6.1E-16	3.8E-15
2,3,5-Trimethylnaphthalene				5.8E-15	1.6E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	2.9E-16	1.8E-15
2,6-Dimethylnaphthalene				1.6E-14	4.5E-14	4.4E-07	1.0E-06	5.5E-08	5.5E-08	7.8E-16	4.8E-15
2-Methylnaphthalene		2.0E-17	2.8E-17	1.8E-17	5.0E-17	2.7E-06	6.3E-06	3.4E-07	3.4E-07	2.1E-14	1.3E-13
Acenaphthylene				5.1E-14	1.4E-13	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.5E-15	1.5E-14
Acenaphthene	2.9E-16					3.0E-07	6.8E-07	3.7E-08	3.7E-08		
Anthracene	3.7E-15					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Benzo(a)anthracene	5.3E-13	1.4E-08	4.4E-08	1.3E-08	7.9E-08	2.6E-07	5.9E-07	3.2E-08	3.2E-08	1.9E-07	1.2E-06
Benzo(a)pyrene	2.6E-13	1.5E-08	4.8E-08	1.3E-08	8.8E-08	1.0E-07	2.3E-07	1.3E-08	1.3E-08	6.5E-10	9.5E-09
Benzo(b)fluoranthene	7.1E-14	2.6E-08	6.8E-08	2.3E-08	1.2E-07	1.1E-07	2.6E-07	1.4E-08	1.4E-08	1.2E-09	1.3E-08
Benzo(e)pyrene				2.9E-15	8.2E-15	8.6E-08	2.0E-07	1.1E-08	1.1E-08	1.4E-16	8.8E-16
Benzo(g,h,i)perylene				2.2E-15	6.0E-15	6.6E-08	1.5E-07	8.2E-09	8.2E-09	1.1E-16	6.5E-16
Benzo(k)fluoranthene	5.9E-16	1.0E-08	3.4E-08	9.5E-09	6.2E-08	1.0E-09	2.3E-09	1.2E-10	1.2E-10	4.7E-10	6.7E-09

Table H-361 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				2.9E-16	8.0E-16	9.5E-06	2.2E-05	1.2E-06	1.2E-06	1.7E-13	1.0E-12
Chrysene	9.1E-14	2.0E-08	4.9E-08	1.8E-08	8.9E-08	4.4E-07	1.0E-06	5.5E-08	5.5E-08	9.0E-10	9.6E-09
Dibenze(a,h)anthracene	1.3E-14	2.6E-14	1.2E-08	2.3E-14	2.2E-08	1.6E-08	3.7E-08	2.0E-09	2.0E-09	1.1E-15	2.3E-09
Fluoranthene	2.4E-14	5.4E-15	7.6E-15	5.0E-15	1.4E-14	6.4E-07	1.5E-06	8.0E-08	8.0E-08	2.4E-16	1.5E-15
Fluorene	5.2E-15					1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Indeno(1,2,3-cd)pyrene	3.3E-14	8.1E-09	3.1E-08	7.3E-09	5.7E-08	5.3E-08	1.2E-07	6.6E-09	6.6E-09	3.6E-10	6.1E-09
Napthalene	2.4E-15					1.3E-05	2.9E-05	1.6E-06	1.6E-06		
Perylene				1.1E-15	3.2E-15	4.0E-08	9.1E-08	4.9E-09	4.9E-09	5.5E-17	3.4E-16
Phenanthrene	2.5E-14					3.0E-06	6.9E-06	3.8E-07	3.8E-07		
Pyrene	1.7E-14	1.8E-14	2.6E-14	1.7E-14	4.7E-14	6.3E-07	1.4E-06	7.8E-08	7.8E-08	4.7E-13	2.9E-12
Particulate											
Particulate Total Suspended Particulate				2.6E-10	7.2E-10	2.0E-03	4.6E-03	2.5E-04	2.5E-04	1.3E-11	7.7E-11
PM<10				3.3E-10	9.2E-10	2.6E-03	6.1E-03	3.3E-04	3.3E-04	1.6E-11	9.9E-11
PM<2.5				2.7E-10	7.6E-10	2.3E-03	5.2E-03	2.8E-04	2.8E-04	1.3E-11	8.2E-11
PCBs											
Dichlorobiphenyl	5.2E-16	4.9E-17	6.9E-17	4.2E-17	1.2E-16	8.0E-09	1.8E-08	9.9E-10	9.9E-10	3.9E-15	2.4E-14
Heptachlorobiphenyl	2.0E-17	5.7E-18	8.0E-18	4.8E-18	1.4E-17	1.1E-10	2.5E-10	1.4E-11	1.4E-11	2.5E-16	1.5E-15
Hexachlorobiphenyl	8.0E-17	2.6E-17	3.6E-17	2.2E-17	6.1E-17	4.6E-10	1.1E-09	5.7E-11	5.7E-11	1.1E-15	6.8E-15
Monochlorobiphenyl	3.6E-15	3.4E-16	4.8E-16	2.9E-16	8.1E-16	5.5E-08	1.3E-07	6.9E-09	6.9E-09	2.7E-14	1.7E-13
Nonachlorobiphenyl	2.5E-18	1.0E-18	1.4E-18	8.5E-19	2.4E-18	1.5E-11	3.6E-11	1.9E-12	1.9E-12	4.3E-17	2.7E-16
Octachlorobiphenyl	5.8E-18	1.9E-18	2.6E-18	1.6E-18	4.4E-18	3.3E-11	7.7E-11	4.2E-12	4.2E-12	8.0E-17	4.9E-16
Pentachlorobiphenyl	2.6E-16	9.3E-17	1.3E-16	7.9E-17	2.2E-16	1.6E-09	3.6E-09	2.0E-10	2.0E-10	4.0E-15	2.5E-14
Tetrachlorobiphenyl	1.6E-16	1.9E-17	2.6E-17	1.6E-17	4.5E-17	2.6E-09	6.0E-09	3.2E-10	3.2E-10	1.5E-15	9.2E-15
Trichlorobiphenyl	2.0E-16	2.3E-17	3.2E-17	1.9E-17	5.4E-17	3.3E-09	7.6E-09	4.1E-10	4.1E-10	1.8E-15	1.1E-14

Table H-361 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				5.9E-07	1.9E-08					1.9E-05	1.1E-04
Dieldrin		2.3E-09	8.5E-10	2.7E-09	2.0E-09					1.3E-10	2.2E-10
SVOCs											
1,2,4-trichlorobenzene						2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2-dichlorobenzene	2.4E-19					9.3E-09	2.2E-08	1.2E-09	1.2E-09		
1,3-dichlorobenzene	5.9E-19					1.4E-08	3.2E-08	1.7E-09	1.7E-09		
1,4-dichlorobenzene	7.9E-18					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
2,4-Dimethylphenol	2.2E-16					2.0E-06	4.7E-06	2.5E-07	2.5E-07		
2-Chlorophenol	1.1E-17					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
2-Methylphenol	4.5E-15					4.8E-06	1.1E-05	6.0E-07	6.0E-07		
2-Nitrophenol	2.7E-17					6.5E-07	1.5E-06	8.1E-08	8.1E-08		
3-Methylphenol & 4-Methylphenol				3.2E-13	8.8E-13	8.6E-06	2.0E-05	1.1E-06	1.1E-06	1.5E-14	9.5E-14
4-Nitrophenol	5.6E-17					1.1E-06	2.5E-06	1.3E-07	1.3E-07		
Acetophenone	3.4E-16					1.0E-05	2.3E-05	1.3E-06	1.3E-06		
Benzoic acid	1.4E-15					4.6E-05	1.1E-04	5.8E-06	5.8E-06		
Benzyl alcohol	8.4E-19					3.9E-07	8.9E-07	4.8E-08	4.8E-08		
bis(2-Ethylhexyl) phthalate	4.2E-14	5.8E-13	8.0E-13	6.8E-13	1.9E-12	1.6E-05	3.8E-05	2.0E-06	2.0E-06	3.3E-14	2.1E-13
Butyl benzyl phthalate	1.5E-14	2.8E-16	3.9E-16	3.3E-16	9.2E-16	5.1E-07	1.2E-06	6.4E-08	6.4E-08	1.6E-17	1.0E-16
Carbazole				1.2E-15	3.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	5.9E-17	3.6E-16
Dibenzofuran		1.2E-17	1.7E-17	4.8E-17	1.4E-16	8.2E-07	1.9E-06	1.0E-07	1.0E-07	2.1E-14	1.3E-13
Dimethyl phthalate	5.5E-18					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
Di-n-butyl phthalate	1.4E-13	2.8E-16	3.9E-16	3.3E-16	9.2E-16	7.9E-07	1.8E-06	9.8E-08	9.8E-08	1.6E-17	9.9E-17
Di-n-octyl phthalate	1.1E-18	8.1E-16	1.1E-15	9.5E-16	2.7E-15	5.5E-08	1.3E-07	6.9E-09	6.9E-09	4.7E-17	2.9E-16

Table H-361 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	5.8E-16					3.8E-06	8.8E-06	4.8E-07	4.8E-07		
Isopropanol						5.1E-01	1.9E-01				
p-Chloroaniline			2.8E-08		6.6E-08						7.2E-09
Phenol	1.3E-14					2.6E-05	6.0E-05	3.2E-06	3.2E-06		
Pyridine	6.6E-16					2.4E-06	5.7E-06	3.1E-07	3.1E-07		
TRS											
Total Reduced Sulfur						2.5E-05	5.8E-05	3.1E-06	3.1E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.3E-19					1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,1,1-Trichloroethane	1.5E-20					1.1E-08	2.6E-08	1.4E-09	1.4E-09		
1,1-Dichloroethene	5.1E-22					2.2E-09	5.1E-09	2.8E-10	2.8E-10		
1,2,3-Trichlorobenzene	1.6E-17					4.6E-08	1.1E-07	5.7E-09	5.7E-09		
1,2,3-Trichloropropane	9.3E-20					9.3E-09	2.1E-08	1.2E-09	1.2E-09		
1,2,4-Trimethylbenzene						5.3E-07	1.2E-06	6.7E-08	6.7E-08		
1,2-Dibromoethane	3.2E-20					5.9E-09	1.4E-08	7.4E-10	7.4E-10		
1,2-Dichloroethane	1.0E-18					2.0E-03	3.8E-03	8.6E-05	8.6E-05		
1,3,5-Trimethylbenzene	5.2E-18					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
1,3-Dichloropropane						5.7E-09	1.3E-08	7.2E-10	7.2E-10		
2-Butanone	2.1E-16					2.8E-06	6.5E-06	3.5E-07	3.5E-07		
2-Chlorotoluene						1.3E-07	2.9E-07	1.6E-08	1.6E-08		
2-Hexanone						5.8E-07	1.3E-06	7.2E-08	7.2E-08		
Benzene	1.7E-16					7.0E-02	2.3E-02	8.3E-04	8.3E-04		
Bromobenzene						3.2E-06	7.4E-06	4.0E-07	4.0E-07		
Bromochloromethane						7.6E-09	1.7E-08	9.4E-10	9.4E-10		

Table H-361 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromodichloromethane	2.7E-20					8.2E-09	2.9E-02	1.0E-09	1.0E-09		
Bromoform							1.3E-01				
Bromomethane	1.1E-19					3.3E-07	7.5E-07	4.1E-08	4.1E-08		
Carbon disulfide	1.1E-19					2.9E-07	6.6E-07	3.6E-08	3.6E-08		
Carbon tetrachloride	1.2E-20					1.3E-02	3.3E-02	1.3E-03	1.3E-03		
Chlorobenzene	4.0E-18					4.1E-07	9.5E-07	5.2E-08	5.2E-08		
Chlorodibromomethane	1.6E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
Chloroethane	3.2E-19					7.8E-07	1.8E-06	9.8E-08	9.8E-08		
Chloroform	2.4E-19					3.1E-03	6.8E-02	2.1E-04	2.1E-04		
Chloromethane	8.4E-19					2.7E-06	6.1E-06	3.3E-07	3.3E-07		
cis-1,2-Dichloroethene	3.3E-19					3.4E-07	7.9E-07	4.3E-08	4.3E-08		
cis-1,3-Dichloropropene						2.1E-09	4.8E-09	2.6E-10	2.6E-10		
Dibromomethane	3.6E-20					1.7E-08	4.0E-08	2.2E-09	2.2E-09		
Dichlorodifluoromethane	4.0E-22					2.1E-08	4.9E-08	2.7E-09	2.7E-09		
Ethylbenzene	1.3E-16					1.8E-02	1.9E-02	2.1E-06	2.1E-06		
Isopropylbenzene	1.7E-19					1.4E-06	3.1E-06	1.7E-07	1.7E-07		
m&p-Xylene	2.0E-17					3.1E-06	7.2E-06	3.9E-07	3.9E-07		
Methyl Isobutyl Ketone (4-methyl-2-pent	2.1E-19					3.1E-08	7.1E-08	3.8E-09	3.8E-09		
Methylene chloride	2.2E-18					1.5E-06	3.6E-06	1.9E-07	1.9E-07		
n-Butylbenzene						6.7E-07	1.5E-06	8.3E-08	8.3E-08		
n-Propylbenzene						8.0E-07	1.9E-06	1.0E-07	1.0E-07		
o-Xylene	2.4E-17					2.0E-06	4.5E-06	2.5E-07	2.5E-07		
p-Chlorotoluene						4.8E-08	1.1E-07	5.9E-09	5.9E-09		
p-Isopropyltoluene						3.3E-07	7.6E-07	4.1E-08	4.1E-08		

Table H-361 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
sec-Butylbenzene						1.2E-07	2.8E-07	1.5E-08	1.5E-08		
Styrene	8.0E-16					4.4E-05	1.0E-04	5.5E-06	5.5E-06		
tert-Butylbenzene						3.9E-06	9.0E-06	4.9E-07	4.9E-07		
Tetrachloroethene	5.7E-20					1.0E-08	2.4E-08	1.3E-09	1.3E-09		
Toluene	1.3E-16					2.7E-05	6.2E-05	3.4E-06	3.4E-06		
trans-1,2-Dichloroethene	5.0E-18					7.2E-06	1.7E-05	9.1E-07	9.1E-07		
trans-1,3-Dichloropropene						3.6E-09	8.4E-09	4.5E-10	4.5E-10		
Trichloroethene	5.8E-22					4.3E-04	3.8E-02	7.8E-11	7.8E-11		
Trichlorofluoromethane	9.0E-22					7.5E-09	1.7E-08	9.4E-10	9.4E-10		
Vinyl chloride	4.1E-20					4.2E-07	9.8E-07	5.3E-08	5.3E-08		

Table H-362 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					4.8E-03	1.4E-06	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19	
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19	
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18	
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19	
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19	
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19	
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20	
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19	
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19	

Table H-362 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.2E-02	2.0E-02					5.7E-07	2.1E-06
Antimony	1.6E-17			7.7E-07	1.4E-06	1.0E-08	2.4E-08	1.3E-09	1.3E-09	3.8E-11	1.5E-10
Arsenic	8.1E-16	2.7E-06	2.3E-07	6.4E-06	1.1E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	5.2E-10	2.0E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				3.3E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.6E-09	4.0E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				2.7E-02	3.7E-02					1.3E-06	4.0E-06
Lead	6.9E-18			1.1E-04	2.3E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.5E-09	2.5E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				2.7E-08	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	5.2E-08	3.2E-07
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18

Table H-362 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	7.1E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.7E-08	7.7E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Thallium (Soluble Salts)				8.1E-08	1.7E-07					4.0E-12	1.8E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenapthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	1.6E-07	5.1E-07	1.5E-07	9.3E-07	3.0E-09	6.9E-09	3.7E-10	3.7E-10	2.3E-09	1.4E-08
Benzo(a)pyrene	3.1E-12	1.7E-07	5.6E-07	1.5E-07	1.0E-06	1.2E-09	2.7E-09	1.5E-10	1.5E-10	7.6E-12	1.1E-10
Benzo(b)fluoranthene	8.3E-13	3.0E-07	7.9E-07	2.7E-07	1.4E-06	1.3E-09	3.0E-09	1.6E-10	1.6E-10	1.3E-11	1.5E-10
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	1.2E-07	4.0E-07	1.1E-07	7.2E-07	1.2E-11	2.7E-11	1.5E-12	1.5E-12	5.5E-12	7.8E-11

Table H-362 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.4E-07	5.7E-07	2.1E-07	1.0E-06	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.0E-11	1.1E-10
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	1.4E-07	3.1E-13	2.5E-07	1.9E-10	4.3E-10	2.3E-11	2.3E-11	1.5E-17	2.7E-11
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	9.4E-08	3.6E-07	8.6E-08	6.6E-07	6.2E-10	1.4E-09	7.7E-11	7.7E-11	4.2E-12	7.1E-11
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16

Table H-362 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				6.8E-06	2.2E-07					2.2E-07	1.3E-06
Dieldrin		2.7E-08	1.0E-08	3.2E-08	2.4E-08					1.6E-12	2.5E-12
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18

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Exposure Duration (yrs)	6
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Exposure Scenario	Camp Justice
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Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						5.9E-03	2.3E-03				
p-Chloroaniline			3.3E-07		7.7E-07						8.4E-11
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.3E-05	4.4E-05	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.2E-04	2.7E-04	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		

Table H-362 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromodichloromethane	3.1E-19					9.5E-11	3.4E-04	1.2E-11	1.2E-11		
Bromoform							1.5E-03				
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.6E-04	3.9E-04	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					3.7E-05	7.9E-04	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					2.1E-04	2.2E-04	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-pent	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		

Table H-362 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					5.0E-06	4.5E-04	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10		

Table H-363 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						7.2E-05	1.7E-04	9.0E-06	9.0E-06		
Aldehydes											
Acetaldehyde	7.9E-15					1.2E-04	2.9E-04	1.6E-05	1.6E-05		
Formaldehyde	3.9E-14					4.1E-01	3.4E+00	6.6E-06	6.6E-06		
Propionaldehyde				1.9E-16	5.4E-16	1.4E-05	3.1E-05	1.7E-06	1.7E-06	1.4E-12	8.9E-12
CO											
Carbon monoxide						3.8E-03	8.8E-03	4.8E-04	4.8E-04		
CO2											
Carbon dioxide						1.2E-04	2.8E-04	1.5E-05	1.5E-05		
Criteria											
Sulfur Dioxide						3.2E-05	7.5E-05	4.1E-06	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.1E-19	1.1E-16	1.5E-16	4.2E-16	1.2E-15	7.3E-11	1.7E-10	9.1E-12	9.1E-12	2.1E-17	1.3E-16
1,2,3,4,6,7,8-HpCDF	1.0E-19	1.1E-16	1.5E-16	4.2E-16	1.2E-15	7.3E-11	1.7E-10	9.2E-12	9.2E-12	2.1E-17	1.3E-16
1,2,3,4,7,8,9-HpCDF	1.6E-20	1.2E-17	1.7E-17	4.9E-17	1.4E-16	9.3E-12	2.1E-11	1.2E-12	1.2E-12	2.4E-18	1.5E-17
1,2,3,4,7,8-HxCDD	1.2E-19	1.2E-17	1.7E-17	4.8E-17	1.3E-16	8.7E-12	2.0E-11	1.1E-12	1.1E-12	2.3E-18	1.4E-17
1,2,3,4,7,8-HxCDF	8.2E-19	9.6E-17	1.3E-16	3.8E-16	1.1E-15	7.1E-11	1.6E-10	8.9E-12	8.9E-12	1.9E-17	1.1E-16
1,2,3,6,7,8-HxCDD	2.3E-19	2.5E-17	3.4E-17	9.7E-17	2.7E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	4.8E-18	2.9E-17
1,2,3,6,7,8-HxCDF	3.0E-19	3.1E-17	4.4E-17	1.2E-16	3.5E-16	2.3E-11	5.3E-11	2.9E-12	2.9E-12	6.1E-18	3.7E-17
1,2,3,7,8,9-HxCDD	3.3E-19	3.9E-17	5.4E-17	1.5E-16	4.3E-16	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.5E-18	4.6E-17
1,2,3,7,8,9-HxCDF	2.5E-20	2.2E-18	3.1E-18	8.9E-18	2.5E-17	1.8E-12	4.1E-12	2.2E-13	2.2E-13	4.3E-19	2.7E-18
1,2,3,7,8-PeCDD	6.3E-19	1.4E-17	1.9E-17	5.4E-17	1.5E-16	1.1E-11	2.6E-11	1.4E-12	1.4E-12	2.6E-18	1.6E-17
1,2,3,7,8-PeCDF	8.8E-19	1.6E-17	2.2E-17	6.3E-17	1.8E-16	1.6E-11	3.6E-11	2.0E-12	2.0E-12	3.1E-18	1.9E-17

Table H-363 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	4.4E-19	4.9E-17	6.9E-17	1.9E-16	5.4E-16	3.6E-11	8.2E-11	4.5E-12	4.5E-12	9.5E-18	5.8E-17
2,3,4,7,8-PeCDF	1.4E-18	3.8E-17	5.4E-17	1.5E-16	4.2E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	7.4E-18	4.6E-17
2,3,7,8-TCDD	2.1E-19	2.8E-18	3.9E-18	1.1E-17	3.1E-17	4.4E-12	1.0E-11	5.6E-13	5.6E-13	3.7E-16	2.3E-15
2,3,7,8-TCDF	6.9E-19	5.1E-18	7.1E-18	2.0E-17	5.6E-17	1.6E-11	3.8E-11	2.0E-12	2.0E-12	9.8E-19	6.0E-18
OCDD	1.4E-21	7.2E-17	1.0E-16	2.8E-16	8.0E-16	4.8E-11	1.1E-10	6.0E-12	6.0E-12	1.4E-17	8.6E-17
OCDF	5.3E-22	2.8E-17	3.9E-17	1.1E-16	3.1E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.4E-18	3.3E-17
HCN											
Hydrogen cyanide						1.4E-05	3.1E-05	1.7E-06	1.7E-06		
Metals											
Aluminum				9.9E-04	2.0E-03					4.9E-05	2.2E-04
Antimony	1.3E-18			6.6E-08	4.1E-08	8.9E-07	2.1E-06	1.1E-07	1.1E-07	3.2E-09	4.4E-09
Arsenic	7.0E-17	2.3E-07	3.9E-08	5.5E-07	1.8E-07	5.1E-08	1.2E-07	6.4E-09	6.4E-09	4.5E-08	3.3E-08
Barium	1.9E-13			2.3E-10	6.6E-10	1.1E-05	2.5E-05	1.3E-06	1.3E-06	1.1E-11	7.1E-11
Beryllium	2.8E-18			9.0E-17	2.5E-16	3.7E-09	8.5E-09	4.6E-10	4.6E-10	4.4E-18	2.7E-17
Cadmium	7.2E-16			7.0E-17	2.0E-16	6.5E-08	1.5E-07	8.1E-09	8.1E-09	3.4E-18	2.1E-17
Chromium	2.1E-16			6.1E-12	1.7E-11	5.5E-07	1.3E-06	6.9E-08	6.9E-08	3.0E-13	1.8E-12
Cobalt				2.8E-06	3.2E-06	8.4E-07	1.9E-06	1.1E-07	1.1E-07	1.4E-07	3.4E-07
Copper				2.5E-11	7.0E-11	1.5E-06	3.5E-06	1.9E-07	1.9E-07	1.2E-12	7.5E-12
Iron				2.3E-03	3.4E-03					1.2E-04	3.7E-04
Lead	5.9E-19			9.5E-06	4.5E-06	5.1E-07	1.2E-06	6.4E-08	6.4E-08	4.7E-07	4.9E-07
Manganese				6.8E-14	1.9E-13	4.7E-07	1.1E-06	5.8E-08	5.8E-08	3.3E-15	2.1E-14
Mercury (+2)				2.8E-15	7.7E-15	2.0E-09	4.7E-09	2.5E-10	2.5E-10	1.3E-16	8.3E-16
Mercury, elemental				2.3E-09	2.3E-09	8.4E-12	1.9E-11	1.1E-12	1.1E-12	4.4E-06	2.7E-05
Methyl Mercury	7.2E-16			1.6E-16	4.6E-16					8.0E-18	4.9E-17

Table H-363 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	2.8E-16			4.8E-05	6.8E-05	3.0E-07	6.9E-07	3.7E-08	3.7E-08	2.3E-06	7.3E-06
Phosphorus				6.4E-16	1.8E-15	2.3E-06	5.2E-06	2.8E-07	2.8E-07	6.2E-12	3.8E-11
Selenium	2.4E-17			3.5E-18	9.7E-18	1.5E-08	3.5E-08	1.9E-09	1.9E-09	1.7E-19	1.0E-18
Silver	1.7E-17			6.4E-14	1.8E-13	9.8E-09	2.3E-08	1.2E-09	1.2E-09	3.1E-15	1.9E-14
Thallium (Soluble Salts)				7.0E-09	1.2E-08					3.4E-10	1.3E-09
Titanium				6.9E-16	1.9E-15	5.2E-09	1.2E-08	6.5E-10	6.5E-10	3.4E-17	2.1E-16
Zinc	3.5E-13			1.6E-14	4.4E-14	1.2E-05	2.7E-05	1.5E-06	1.5E-06	7.7E-16	4.8E-15
NOx											
NOx (Oxides of Nitrogen)						1.3E-04	3.1E-04	1.7E-05	1.7E-05		
PAHs											
1-Methylnaphthalene		2.0E-17	2.9E-17	1.9E-17	5.2E-17	2.8E-06	6.5E-06	3.5E-07	3.5E-07	2.1E-14	1.3E-13
1-Methylphenanthrene				1.2E-14	3.5E-14	3.4E-07	7.8E-07	4.2E-08	4.2E-08	6.1E-16	3.8E-15
2,3,5-Trimethylnaphthalene				5.8E-15	1.6E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	2.9E-16	1.8E-15
2,6-Dimethylnaphthalene				1.6E-14	4.5E-14	4.4E-07	1.0E-06	5.5E-08	5.5E-08	7.8E-16	4.8E-15
2-Methylnaphthalene		2.0E-17	2.8E-17	1.8E-17	5.0E-17	2.7E-06	6.3E-06	3.4E-07	3.4E-07	2.1E-14	1.3E-13
Acenaphthylene				5.1E-14	1.4E-13	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.5E-15	1.5E-14
Acenaphthene	2.9E-16					3.0E-07	6.8E-07	3.7E-08	3.7E-08		
Anthracene	3.7E-15					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Benzo(a)anthracene	5.3E-13	1.4E-08	2.2E-13	1.3E-08	3.9E-13	2.6E-07	5.9E-07	3.2E-08	3.2E-08	1.9E-07	1.2E-06
Benzo(a)pyrene	2.6E-13	1.5E-08	9.9E-14	1.3E-08	1.8E-13	1.0E-07	2.3E-07	1.3E-08	1.3E-08	6.5E-10	1.9E-14
Benzo(b)fluoranthene	7.1E-14	2.6E-08	5.7E-15	2.3E-08	1.0E-14	1.1E-07	2.6E-07	1.4E-08	1.4E-08	1.2E-09	1.1E-15
Benzo(e)pyrene				2.9E-15	8.2E-15	8.6E-08	2.0E-07	1.1E-08	1.1E-08	1.4E-16	8.8E-16
Benzo(g,h,i)perylene				2.2E-15	6.0E-15	6.6E-08	1.5E-07	8.2E-09	8.2E-09	1.1E-16	6.5E-16
Benzo(k)fluoranthene	5.9E-16	1.0E-08	7.1E-15	9.5E-09	1.3E-14	1.0E-09	2.3E-09	1.2E-10	1.2E-10	4.7E-10	1.4E-15

Table H-363 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				2.9E-16	8.0E-16	9.5E-06	2.2E-05	1.2E-06	1.2E-06	1.7E-13	1.0E-12
Chrysene	9.1E-14	2.0E-08	2.8E-13	1.8E-08	5.2E-13	4.4E-07	1.0E-06	5.5E-08	5.5E-08	9.0E-10	5.6E-14
Dibenze(a,h)anthracene	1.3E-14	2.6E-14	3.6E-14	2.3E-14	6.5E-14	1.6E-08	3.7E-08	2.0E-09	2.0E-09	1.1E-15	7.1E-15
Fluoranthene	2.4E-14	5.4E-15	7.6E-15	5.0E-15	1.4E-14	6.4E-07	1.5E-06	8.0E-08	8.0E-08	2.4E-16	1.5E-15
Fluorene	5.2E-15					1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Indeno(1,2,3-cd)pyrene	3.3E-14	8.1E-09	9.9E-14	7.3E-09	1.8E-13	5.3E-08	1.2E-07	6.6E-09	6.6E-09	3.6E-10	2.0E-14
Napthalene	2.4E-15					1.3E-05	2.9E-05	1.6E-06	1.6E-06		
Perylene				1.1E-15	3.2E-15	4.0E-08	9.1E-08	4.9E-09	4.9E-09	5.5E-17	3.4E-16
Phenanthrene	2.5E-14					3.0E-06	6.9E-06	3.8E-07	3.8E-07		
Pyrene	1.7E-14	1.8E-14	2.6E-14	1.7E-14	4.7E-14	6.3E-07	1.4E-06	7.8E-08	7.8E-08	4.7E-13	2.9E-12
Particulate											
Particulate Total Suspended Particulate				2.6E-10	7.2E-10	2.0E-03	4.6E-03	2.5E-04	2.5E-04	1.3E-11	7.7E-11
PM<10				3.3E-10	9.2E-10	2.6E-03	6.1E-03	3.3E-04	3.3E-04	1.6E-11	9.9E-11
PM<2.5				2.7E-10	7.6E-10	2.3E-03	5.2E-03	2.8E-04	2.8E-04	1.3E-11	8.2E-11
PCBs											
Dichlorobiphenyl	5.2E-16	4.9E-17	6.9E-17	4.2E-17	1.2E-16	8.0E-09	1.8E-08	9.9E-10	9.9E-10	3.9E-15	2.4E-14
Heptachlorobiphenyl	2.0E-17	5.7E-18	8.0E-18	4.8E-18	1.4E-17	1.1E-10	2.5E-10	1.4E-11	1.4E-11	2.5E-16	1.5E-15
Hexachlorobiphenyl	8.0E-17	2.6E-17	3.6E-17	2.2E-17	6.1E-17	4.6E-10	1.1E-09	5.7E-11	5.7E-11	1.1E-15	6.8E-15
Monochlorobiphenyl	3.6E-15	3.4E-16	4.8E-16	2.9E-16	8.1E-16	5.5E-08	1.3E-07	6.9E-09	6.9E-09	2.7E-14	1.7E-13
Nonachlorobiphenyl	2.5E-18	1.0E-18	1.4E-18	8.5E-19	2.4E-18	1.5E-11	3.6E-11	1.9E-12	1.9E-12	4.3E-17	2.7E-16
Octachlorobiphenyl	5.8E-18	1.9E-18	2.6E-18	1.6E-18	4.4E-18	3.3E-11	7.7E-11	4.2E-12	4.2E-12	8.0E-17	4.9E-16
Pentachlorobiphenyl	2.6E-16	9.3E-17	1.3E-16	7.9E-17	2.2E-16	1.6E-09	3.6E-09	2.0E-10	2.0E-10	4.0E-15	2.5E-14
Tetrachlorobiphenyl	1.6E-16	1.9E-17	2.6E-17	1.6E-17	4.5E-17	2.6E-09	6.0E-09	3.2E-10	3.2E-10	1.5E-15	9.2E-15
Trichlorobiphenyl	2.0E-16	2.3E-17	3.2E-17	1.9E-17	5.4E-17	3.3E-09	7.6E-09	4.1E-10	4.1E-10	1.8E-15	1.1E-14

Table H-363 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				5.9E-07	6.7E-09					1.9E-05	1.1E-04
Dieldrin		2.3E-09		2.7E-09						1.3E-10	
SVOCs											
1,2,4-trichlorobenzene						2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2-dichlorobenzene	2.4E-19					9.3E-09	2.2E-08	1.2E-09	1.2E-09		
1,3-dichlorobenzene	5.9E-19					1.4E-08	3.2E-08	1.7E-09	1.7E-09		
1,4-dichlorobenzene	7.9E-18					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
2,4-Dimethylphenol	2.2E-16					2.0E-06	4.7E-06	2.5E-07	2.5E-07		
2-Chlorophenol	1.1E-17					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
2-Methylphenol	4.5E-15					4.8E-06	1.1E-05	6.0E-07	6.0E-07		
2-Nitrophenol	2.7E-17					6.5E-07	1.5E-06	8.1E-08	8.1E-08		
3-Methylphenol & 4-Methylphenol				3.2E-13	8.8E-13	8.6E-06	2.0E-05	1.1E-06	1.1E-06	1.5E-14	9.5E-14
4-Nitrophenol	5.6E-17					1.1E-06	2.5E-06	1.3E-07	1.3E-07		
Acetophenone	3.4E-16					1.0E-05	2.3E-05	1.3E-06	1.3E-06		
Benzoic acid	1.4E-15					4.6E-05	1.1E-04	5.8E-06	5.8E-06		
Benzyl alcohol	8.4E-19					3.9E-07	8.9E-07	4.8E-08	4.8E-08		
bis(2-Ethylhexyl) phthalate	4.2E-14	5.8E-13	8.0E-13	6.8E-13	1.9E-12	1.6E-05	3.8E-05	2.0E-06	2.0E-06	3.3E-14	2.1E-13
Butyl benzyl phthalate	1.5E-14	2.8E-16	3.9E-16	3.3E-16	9.2E-16	5.1E-07	1.2E-06	6.4E-08	6.4E-08	1.6E-17	1.0E-16
Carbazole				1.2E-15	3.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	5.9E-17	3.6E-16
Dibenzofuran		1.2E-17	1.7E-17	4.8E-17	1.4E-16	8.2E-07	1.9E-06	1.0E-07	1.0E-07	2.1E-14	1.3E-13
Dimethyl phthalate	5.5E-18					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
Di-n-butyl phthalate	1.4E-13	2.8E-16	3.9E-16	3.3E-16	9.2E-16	7.9E-07	1.8E-06	9.8E-08	9.8E-08	1.6E-17	9.9E-17
Di-n-octyl phthalate	1.1E-18	8.1E-16	1.1E-15	9.5E-16	2.7E-15	5.5E-08	1.3E-07	6.9E-09	6.9E-09	4.7E-17	2.9E-16

Table H-363 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	5.8E-16					3.8E-06	8.8E-06	4.8E-07	4.8E-07		
Isopropanol						5.1E-01					
Phenol	1.3E-14					2.6E-05	6.0E-05	3.2E-06	3.2E-06		
Pyridine	6.6E-16					2.4E-06	5.7E-06	3.1E-07	3.1E-07		
TRS											
Total Reduced Sulfur						2.5E-05	5.8E-05	3.1E-06	3.1E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.3E-19					1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,1,1-Trichloroethane	1.5E-20					1.1E-08	2.6E-08	1.4E-09	1.4E-09		
1,1-Dichloroethene	5.1E-22					2.2E-09	5.1E-09	2.8E-10	2.8E-10		
1,2,3-Trichlorobenzene	1.6E-17					4.6E-08	1.1E-07	5.7E-09	5.7E-09		
1,2,3-Trichloropropane	9.3E-20					9.3E-09	2.1E-08	1.2E-09	1.2E-09		
1,2,4-Trimethylbenzene						5.3E-07	1.2E-06	6.7E-08	6.7E-08		
1,2-Dibromoethane	3.2E-20					5.9E-09	1.4E-08	7.4E-10	7.4E-10		
1,2-Dichloroethane	1.0E-18					2.0E-03	5.5E-07	8.6E-05	8.6E-05		
1,3,5-Trimethylbenzene	5.2E-18					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
1,3-Dichloropropane						5.7E-09	1.3E-08	7.2E-10	7.2E-10		
2-Butanone	2.1E-16					2.8E-06	6.5E-06	3.5E-07	3.5E-07		
2-Chlorotoluene						1.3E-07	2.9E-07	1.6E-08	1.6E-08		
2-Hexanone						5.8E-07	1.3E-06	7.2E-08	7.2E-08		
Benzene	1.7E-16					7.0E-02	1.7E-04	8.3E-04	8.3E-04		
Bromobenzene						3.2E-06	7.4E-06	4.0E-07	4.0E-07		
Bromochloromethane						7.6E-09	1.7E-08	9.4E-10	9.4E-10		
Bromodichloromethane	2.7E-20					8.2E-09	1.9E-08	1.0E-09	1.0E-09		

Table H-363 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromomethane	1.1E-19					3.3E-07	7.5E-07	4.1E-08	4.1E-08		
Carbon disulfide	1.1E-19					2.9E-07	6.6E-07	3.6E-08	3.6E-08		
Carbon tetrachloride	1.2E-20					1.3E-02	4.3E-08	1.3E-03	1.3E-03		
Chlorobenzene	4.0E-18					4.1E-07	9.5E-07	5.2E-08	5.2E-08		
Chlorodibromomethane	1.6E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
Chloroethane	3.2E-19					7.8E-07	1.8E-06	9.8E-08	9.8E-08		
Chloroform	2.4E-19					3.1E-03	3.9E-07	2.1E-04	2.1E-04		
Chloromethane	8.4E-19					2.7E-06	6.1E-06	3.3E-07	3.3E-07		
cis-1,2-Dichloroethene	3.3E-19					3.4E-07	7.9E-07	4.3E-08	4.3E-08		
cis-1,3-Dichloropropene						2.1E-09	4.8E-09	2.6E-10	2.6E-10		
Dibromomethane	3.6E-20					1.7E-08	4.0E-08	2.2E-09	2.2E-09		
Dichlorodifluoromethane	4.0E-22					2.1E-08	4.9E-08	2.7E-09	2.7E-09		
Ethylbenzene	1.3E-16					1.8E-02	3.9E-05	2.1E-06	2.1E-06		
Isopropylbenzene	1.7E-19					1.4E-06	3.1E-06	1.7E-07	1.7E-07		
m&p-Xylene	2.0E-17					3.1E-06	7.2E-06	3.9E-07	3.9E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.1E-19					3.1E-08	7.1E-08	3.8E-09	3.8E-09		
Methylene chloride	2.2E-18					1.5E-06	3.6E-06	1.9E-07	1.9E-07		
n-Butylbenzene						6.7E-07	1.5E-06	8.3E-08	8.3E-08		
n-Propylbenzene						8.0E-07	1.9E-06	1.0E-07	1.0E-07		
o-Xylene	2.4E-17					2.0E-06	4.5E-06	2.5E-07	2.5E-07		
p-Chlorotoluene						4.8E-08	1.1E-07	5.9E-09	5.9E-09		
p-Isopropyltoluene						3.3E-07	7.6E-07	4.1E-08	4.1E-08		
sec-Butylbenzene						1.2E-07	2.8E-07	1.5E-08	1.5E-08		
Styrene	8.0E-16					4.4E-05	1.0E-04	5.5E-06	5.5E-06		

Table H-363 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)
tert-Butylbenzene						3.9E-06	9.0E-06	4.9E-07	4.9E-07				
Tetrachloroethene	5.7E-20					1.0E-08	2.4E-08	1.3E-09	1.3E-09				
Toluene	1.3E-16					2.7E-05	6.2E-05	3.4E-06	3.4E-06				
trans-1,2-Dichloroethene	5.0E-18					7.2E-06	1.7E-05	9.1E-07	9.1E-07				
trans-1,3-Dichloropropene						3.6E-09	8.4E-09	4.5E-10	4.5E-10				
Trichloroethene	5.8E-22					4.3E-04	1.4E-09	7.8E-11	7.8E-11				
Trichlorofluoromethane	9.0E-22					7.5E-09	1.7E-08	9.4E-10	9.4E-10				
Vinyl chloride	4.1E-20					4.2E-07	9.8E-07	5.3E-08	5.3E-08				

Table H-364 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					4.8E-03	4.0E-02	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19	
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19	
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18	
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19	
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19	
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19	
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20	
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19	
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19	

Table H-364 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.2E-02	2.4E-02					5.7E-07	2.6E-06
Antimony	1.6E-17			7.7E-07	4.8E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	3.8E-11	5.2E-11
Arsenic	8.1E-16	2.7E-06	4.6E-07	6.4E-06	2.2E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	5.2E-10	3.9E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				3.3E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.6E-09	4.0E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				2.7E-02	4.0E-02					1.3E-06	4.3E-06
Lead	6.9E-18			1.1E-04	5.3E-05	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.5E-09	5.7E-09
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				2.7E-08	2.7E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	5.2E-08	3.2E-07
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18

Table H-364 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	7.9E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.7E-08	8.5E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Thallium (Soluble Salts)				8.1E-08	1.4E-07					4.0E-12	1.6E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	1.6E-07	2.8E-12	1.5E-07	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	2.3E-09	1.4E-08
Benzo(a)pyrene	3.1E-12	1.7E-07	1.2E-12	1.5E-07	2.3E-12	1.2E-09	2.7E-09	1.5E-10	1.5E-10	7.6E-12	2.4E-16
Benzo(b)fluoranthene	8.3E-13	3.0E-07	7.3E-14	2.7E-07	1.3E-13	1.3E-09	3.0E-09	1.6E-10	1.6E-10	1.3E-11	1.4E-17
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	1.2E-07	1.1E-13	1.1E-07	2.0E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	5.5E-12	2.2E-17

Table H-364 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.4E-07	3.8E-12	2.1E-07	7.0E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.0E-11	7.5E-16
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	4.8E-13	3.1E-13	8.7E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	1.5E-17	9.4E-17
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	9.4E-08	1.3E-12	8.6E-08	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	4.2E-12	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16

Table H-364 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				6.8E-06	7.8E-08					2.2E-07	1.3E-06
Dieldrin		2.7E-08		3.2E-08						1.6E-12	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18

Table H-364 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						5.9E-03					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.3E-05	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.2E-04	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		

Table H-364 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.6E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					3.7E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					2.1E-04	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		

Table H-364 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)	Particulate/Vapors (ug/m3)
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09				
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11				
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08				
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08				
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12				
Trichloroethene	6.8E-21					5.0E-06	1.7E-11	9.1E-13	9.1E-13				
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11				
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10				

Table H-365 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						7.2E-05	1.7E-04	9.0E-06	9.0E-06		
Aldehydes											
Acetaldehyde	7.9E-15					1.2E-04	2.9E-04	1.6E-05	1.6E-05		
Formaldehyde	3.9E-14					4.1E-01	2.3E+00	6.6E-06	6.6E-06		
Propionaldehyde				1.9E-16	5.4E-16	1.4E-05	3.1E-05	1.7E-06	1.7E-06	1.4E-12	8.9E-12
CO											
Carbon monoxide						3.8E-03	8.8E-03	4.8E-04	4.8E-04		
CO2											
Carbon dioxide						1.2E-04	2.8E-04	1.5E-05	1.5E-05		
Criteria											
Sulfur Dioxide						3.2E-05	7.5E-05	4.1E-06	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.1E-19	1.1E-16	1.5E-16	4.2E-16	1.2E-15	7.3E-11	1.7E-10	9.1E-12	9.1E-12	2.1E-17	1.3E-16
1,2,3,4,6,7,8-HpCDF	1.0E-19	1.1E-16	1.5E-16	4.2E-16	1.2E-15	7.3E-11	1.7E-10	9.2E-12	9.2E-12	2.1E-17	1.3E-16
1,2,3,4,7,8,9-HpCDF	1.6E-20	1.2E-17	1.7E-17	4.9E-17	1.4E-16	9.3E-12	2.1E-11	1.2E-12	1.2E-12	2.4E-18	1.5E-17
1,2,3,4,7,8-HxCDD	1.2E-19	1.2E-17	1.7E-17	4.8E-17	1.3E-16	8.7E-12	2.0E-11	1.1E-12	1.1E-12	2.3E-18	1.4E-17
1,2,3,4,7,8-HxCDF	8.2E-19	9.6E-17	1.3E-16	3.8E-16	1.1E-15	7.1E-11	1.6E-10	8.9E-12	8.9E-12	1.9E-17	1.1E-16
1,2,3,6,7,8-HxCDD	2.3E-19	2.5E-17	3.4E-17	9.7E-17	2.7E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	4.8E-18	2.9E-17
1,2,3,6,7,8-HxCDF	3.0E-19	3.1E-17	4.4E-17	1.2E-16	3.5E-16	2.3E-11	5.3E-11	2.9E-12	2.9E-12	6.1E-18	3.7E-17
1,2,3,7,8,9-HxCDD	3.3E-19	3.9E-17	5.4E-17	1.5E-16	4.3E-16	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.5E-18	4.6E-17
1,2,3,7,8,9-HxCDF	2.5E-20	2.2E-18	3.1E-18	8.9E-18	2.5E-17	1.8E-12	4.1E-12	2.2E-13	2.2E-13	4.3E-19	2.7E-18
1,2,3,7,8-PeCDD	6.3E-19	1.4E-17	1.9E-17	5.4E-17	1.5E-16	1.1E-11	2.6E-11	1.4E-12	1.4E-12	2.6E-18	1.6E-17
1,2,3,7,8-PeCDF	8.8E-19	1.6E-17	2.2E-17	6.3E-17	1.8E-16	1.6E-11	3.6E-11	2.0E-12	2.0E-12	3.1E-18	1.9E-17

Table H-365 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	4.4E-19	4.9E-17	6.9E-17	1.9E-16	5.4E-16	3.6E-11	8.2E-11	4.5E-12	4.5E-12	9.5E-18	5.8E-17
2,3,4,7,8-PeCDF	1.4E-18	3.8E-17	5.4E-17	1.5E-16	4.2E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	7.4E-18	4.6E-17
2,3,7,8-TCDD	2.1E-19	2.8E-18	3.9E-18	1.1E-17	3.1E-17	4.4E-12	1.0E-11	5.6E-13	5.6E-13	3.7E-16	2.3E-15
2,3,7,8-TCDF	6.9E-19	5.1E-18	7.1E-18	2.0E-17	5.6E-17	1.6E-11	3.8E-11	2.0E-12	2.0E-12	9.8E-19	6.0E-18
OCDD	1.4E-21	7.2E-17	1.0E-16	2.8E-16	8.0E-16	4.8E-11	1.1E-10	6.0E-12	6.0E-12	1.4E-17	8.6E-17
OCDF	5.3E-22	2.8E-17	3.9E-17	1.1E-16	3.1E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.4E-18	3.3E-17
HCN											
Hydrogen cyanide						1.4E-05	3.1E-05	1.7E-06	1.7E-06		
Metals											
Aluminum				9.9E-04	1.6E-03					4.9E-05	1.8E-04
Antimony	1.3E-18			6.6E-08	1.4E-08	8.9E-07	2.1E-06	1.1E-07	1.1E-07	3.2E-09	1.6E-09
Arsenic	7.0E-17	2.3E-07	1.6E-08	5.5E-07	7.4E-08	5.1E-08	1.2E-07	6.4E-09	6.4E-09	4.5E-08	1.3E-08
Barium	1.9E-13			2.3E-10	6.6E-10	1.1E-05	2.5E-05	1.3E-06	1.3E-06	1.1E-11	7.1E-11
Beryllium	2.8E-18			9.0E-17	2.5E-16	3.7E-09	8.5E-09	4.6E-10	4.6E-10	4.4E-18	2.7E-17
Cadmium	7.2E-16			7.0E-17	2.0E-16	6.5E-08	1.5E-07	8.1E-09	8.1E-09	3.4E-18	2.1E-17
Chromium	2.1E-16			6.1E-12	1.7E-11	5.5E-07	1.3E-06	6.9E-08	6.9E-08	3.0E-13	1.8E-12
Cobalt				2.8E-06	5.4E-06	8.4E-07	1.9E-06	1.1E-07	1.1E-07	1.4E-07	5.9E-07
Copper				2.5E-11	7.0E-11	1.5E-06	3.5E-06	1.9E-07	1.9E-07	1.2E-12	7.5E-12
Iron				2.3E-03	3.7E-03					1.2E-04	4.0E-04
Lead	5.9E-19			9.5E-06	1.2E-05	5.1E-07	1.2E-06	6.4E-08	6.4E-08	4.7E-07	1.3E-06
Manganese				6.8E-14	1.9E-13	4.7E-07	1.1E-06	5.8E-08	5.8E-08	3.3E-15	2.1E-14
Mercury (+2)				2.8E-15	7.7E-15	2.0E-09	4.7E-09	2.5E-10	2.5E-10	1.3E-16	8.3E-16
Mercury, elemental				2.3E-09	3.8E-09	8.4E-12	1.9E-11	1.1E-12	1.1E-12	4.4E-06	2.7E-05
Methyl Mercury	7.2E-16			1.6E-16	4.6E-16					8.0E-18	4.9E-17

Table H-365 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	2.8E-16			4.8E-05	1.1E-04	3.0E-07	6.9E-07	3.7E-08	3.7E-08	2.3E-06	1.2E-05
Phosphorus				6.4E-16	1.8E-15	2.3E-06	5.2E-06	2.8E-07	2.8E-07	6.2E-12	3.8E-11
Selenium	2.4E-17			3.5E-18	9.7E-18	1.5E-08	3.5E-08	1.9E-09	1.9E-09	1.7E-19	1.0E-18
Silver	1.7E-17			6.4E-14	1.8E-13	9.8E-09	2.3E-08	1.2E-09	1.2E-09	3.1E-15	1.9E-14
Thallium (Soluble Salts)				7.0E-09						3.4E-10	
Titanium				6.9E-16	1.9E-15	5.2E-09	1.2E-08	6.5E-10	6.5E-10	3.4E-17	2.1E-16
Zinc	3.5E-13			1.6E-14	4.4E-14	1.2E-05	2.7E-05	1.5E-06	1.5E-06	7.7E-16	4.8E-15
NOx											
NOx (Oxides of Nitrogen)						1.3E-04	3.1E-04	1.7E-05	1.7E-05		
PAHs											
1-Methylnaphthalene		2.0E-17	2.9E-17	1.9E-17	5.2E-17	2.8E-06	6.5E-06	3.5E-07	3.5E-07	2.1E-14	1.3E-13
1-Methylphenanthrene				1.2E-14	3.5E-14	3.4E-07	7.8E-07	4.2E-08	4.2E-08	6.1E-16	3.8E-15
2,3,5-Trimethylnaphthalene				5.8E-15	1.6E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	2.9E-16	1.8E-15
2,6-Dimethylnaphthalene				1.6E-14	4.5E-14	4.4E-07	1.0E-06	5.5E-08	5.5E-08	7.8E-16	4.8E-15
2-Methylnaphthalene		2.0E-17	2.8E-17	1.8E-17	5.0E-17	2.7E-06	6.3E-06	3.4E-07	3.4E-07	2.1E-14	1.3E-13
Acenaphthylene				5.1E-14	1.4E-13	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.5E-15	1.5E-14
Acenaphthene	2.9E-16					3.0E-07	6.8E-07	3.7E-08	3.7E-08		
Anthracene	3.7E-15					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Benzo(a)anthracene	5.3E-13	1.4E-08	2.2E-13	1.3E-08	3.9E-13	2.6E-07	5.9E-07	3.2E-08	3.2E-08	1.9E-07	1.2E-06
Benzo(a)pyrene	2.6E-13	1.5E-08	1.1E-08	1.3E-08	2.1E-08	1.0E-07	2.3E-07	1.3E-08	1.3E-08	6.5E-10	2.2E-09
Benzo(b)fluoranthene	7.1E-14	2.6E-08	1.0E-08	2.3E-08	1.8E-08	1.1E-07	2.6E-07	1.4E-08	1.4E-08	1.2E-09	2.0E-09
Benzo(e)pyrene				2.9E-15	8.2E-15	8.6E-08	2.0E-07	1.1E-08	1.1E-08	1.4E-16	8.8E-16
Benzo(g,h,i)perylene				2.2E-15	6.0E-15	6.6E-08	1.5E-07	8.2E-09	8.2E-09	1.1E-16	6.5E-16
Benzo(k)fluoranthene	5.9E-16	1.0E-08	7.1E-15	9.5E-09	1.3E-14	1.0E-09	2.3E-09	1.2E-10	1.2E-10	4.7E-10	1.4E-15

Table H-365 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				2.9E-16	8.0E-16	9.5E-06	2.2E-05	1.2E-06	1.2E-06	1.7E-13	1.0E-12
Chrysene	9.1E-14	2.0E-08	2.8E-13	1.8E-08	5.2E-13	4.4E-07	1.0E-06	5.5E-08	5.5E-08	9.0E-10	5.6E-14
Dibenze(a,h)anthracene	1.3E-14	2.6E-14	3.6E-14	2.3E-14	6.5E-14	1.6E-08	3.7E-08	2.0E-09	2.0E-09	1.1E-15	7.1E-15
Fluoranthene	2.4E-14	5.4E-15	7.6E-15	5.0E-15	1.4E-14	6.4E-07	1.5E-06	8.0E-08	8.0E-08	2.4E-16	1.5E-15
Fluorene	5.2E-15					1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Indeno(1,2,3-cd)pyrene	3.3E-14	8.1E-09	9.9E-14	7.3E-09	1.8E-13	5.3E-08	1.2E-07	6.6E-09	6.6E-09	3.6E-10	2.0E-14
Napthalene	2.4E-15					1.3E-05	2.9E-05	1.6E-06	1.6E-06		
Perylene				1.1E-15	3.2E-15	4.0E-08	9.1E-08	4.9E-09	4.9E-09	5.5E-17	3.4E-16
Phenanthrene	2.5E-14					3.0E-06	6.9E-06	3.8E-07	3.8E-07		
Pyrene	1.7E-14	1.8E-14	2.6E-14	1.7E-14	4.7E-14	6.3E-07	1.4E-06	7.8E-08	7.8E-08	4.7E-13	2.9E-12
Particulate											
Particulate Total Suspended Particulate				2.6E-10	7.2E-10	2.0E-03	4.6E-03	2.5E-04	2.5E-04	1.3E-11	7.7E-11
PM<10				3.3E-10	9.2E-10	2.6E-03	6.1E-03	3.3E-04	3.3E-04	1.6E-11	9.9E-11
PM<2.5				2.7E-10	7.6E-10	2.3E-03	5.2E-03	2.8E-04	2.8E-04	1.3E-11	8.2E-11
PCBs											
Dichlorobiphenyl	5.2E-16	4.9E-17	6.9E-17	4.2E-17	1.2E-16	8.0E-09	1.8E-08	9.9E-10	9.9E-10	3.9E-15	2.4E-14
Heptachlorobiphenyl	2.0E-17	5.7E-18	8.0E-18	4.8E-18	1.4E-17	1.1E-10	2.5E-10	1.4E-11	1.4E-11	2.5E-16	1.5E-15
Hexachlorobiphenyl	8.0E-17	2.6E-17	3.6E-17	2.2E-17	6.1E-17	4.6E-10	1.1E-09	5.7E-11	5.7E-11	1.1E-15	6.8E-15
Monochlorobiphenyl	3.6E-15	3.4E-16	4.8E-16	2.9E-16	8.1E-16	5.5E-08	1.3E-07	6.9E-09	6.9E-09	2.7E-14	1.7E-13
Nonachlorobiphenyl	2.5E-18	1.0E-18	1.4E-18	8.5E-19	2.4E-18	1.5E-11	3.6E-11	1.9E-12	1.9E-12	4.3E-17	2.7E-16
Octachlorobiphenyl	5.8E-18	1.9E-18	2.6E-18	1.6E-18	4.4E-18	3.3E-11	7.7E-11	4.2E-12	4.2E-12	8.0E-17	4.9E-16
Pentachlorobiphenyl	2.6E-16	9.3E-17	1.3E-16	7.9E-17	2.2E-16	1.6E-09	3.6E-09	2.0E-10	2.0E-10	4.0E-15	2.5E-14
Tetrachlorobiphenyl	1.6E-16	1.9E-17	2.6E-17	1.6E-17	4.5E-17	2.6E-09	6.0E-09	3.2E-10	3.2E-10	1.5E-15	9.2E-15
Trichlorobiphenyl	2.0E-16	2.3E-17	3.2E-17	1.9E-17	5.4E-17	3.3E-09	7.6E-09	4.1E-10	4.1E-10	1.8E-15	1.1E-14

Table H-365 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				5.9E-07	2.4E-08					1.9E-05	1.1E-04
Dieldrin		2.3E-09		2.7E-09						1.3E-10	
SVOCs											
1,2,4-trichlorobenzene						2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2-dichlorobenzene	2.4E-19					9.3E-09	2.2E-08	1.2E-09	1.2E-09		
1,3-dichlorobenzene	5.9E-19					1.4E-08	3.2E-08	1.7E-09	1.7E-09		
1,4-dichlorobenzene	7.9E-18					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
2,4-Dimethylphenol	2.2E-16					2.0E-06	4.7E-06	2.5E-07	2.5E-07		
2-Chlorophenol	1.1E-17					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
2-Methylphenol	4.5E-15					4.8E-06	1.1E-05	6.0E-07	6.0E-07		
2-Nitrophenol	2.7E-17					6.5E-07	1.5E-06	8.1E-08	8.1E-08		
3-Methylphenol & 4-Methylphenol				3.2E-13	8.8E-13	8.6E-06	2.0E-05	1.1E-06	1.1E-06	1.5E-14	9.5E-14
4-Nitrophenol	5.6E-17					1.1E-06	2.5E-06	1.3E-07	1.3E-07		
Acetophenone	3.4E-16					1.0E-05	2.3E-05	1.3E-06	1.3E-06		
Benzoic acid	1.4E-15					4.6E-05	1.1E-04	5.8E-06	5.8E-06		
Benzyl alcohol	8.4E-19					3.9E-07	8.9E-07	4.8E-08	4.8E-08		
bis(2-Ethylhexyl) phthalate	4.2E-14	5.8E-13	8.0E-13	6.8E-13	1.9E-12	1.6E-05	3.8E-05	2.0E-06	2.0E-06	3.3E-14	2.1E-13
Butyl benzyl phthalate	1.5E-14	2.8E-16	3.9E-16	3.3E-16	9.2E-16	5.1E-07	1.2E-06	6.4E-08	6.4E-08	1.6E-17	1.0E-16
Carbazole				1.2E-15	3.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	5.9E-17	3.6E-16
Dibenzofuran		1.2E-17	1.7E-17	4.8E-17	1.4E-16	8.2E-07	1.9E-06	1.0E-07	1.0E-07	2.1E-14	1.3E-13
Dimethyl phthalate	5.5E-18					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
Di-n-butyl phthalate	1.4E-13	2.8E-16	3.9E-16	3.3E-16	9.2E-16	7.9E-07	1.8E-06	9.8E-08	9.8E-08	1.6E-17	9.9E-17
Di-n-octyl phthalate	1.1E-18	8.1E-16	1.1E-15	9.5E-16	2.7E-15	5.5E-08	1.3E-07	6.9E-09	6.9E-09	4.7E-17	2.9E-16

Table H-365 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	5.8E-16					3.8E-06	8.8E-06	4.8E-07	4.8E-07		
Isopropanol						5.1E-01					
Phenol	1.3E-14					2.6E-05	6.0E-05	3.2E-06	3.2E-06		
Pyridine	6.6E-16					2.4E-06	5.7E-06	3.1E-07	3.1E-07		
TRS											
Total Reduced Sulfur						2.5E-05	5.8E-05	3.1E-06	3.1E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.3E-19					1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,1,1-Trichloroethane	1.5E-20					1.1E-08	2.6E-08	1.4E-09	1.4E-09		
1,1-Dichloroethene	5.1E-22					2.2E-09	5.1E-09	2.8E-10	2.8E-10		
1,2,3-Trichlorobenzene	1.6E-17					4.6E-08	1.1E-07	5.7E-09	5.7E-09		
1,2,3-Trichloropropane	9.3E-20					9.3E-09	2.1E-08	1.2E-09	1.2E-09		
1,2,4-Trimethylbenzene						5.3E-07	1.2E-06	6.7E-08	6.7E-08		
1,2-Dibromoethane	3.2E-20					5.9E-09	1.4E-08	7.4E-10	7.4E-10		
1,2-Dichloroethane	1.0E-18					2.0E-03	5.5E-07	8.6E-05	8.6E-05		
1,3,5-Trimethylbenzene	5.2E-18					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
1,3-Dichloropropane						5.7E-09	1.3E-08	7.2E-10	7.2E-10		
2-Butanone	2.1E-16					2.8E-06	6.5E-06	3.5E-07	3.5E-07		
2-Chlorotoluene						1.3E-07	2.9E-07	1.6E-08	1.6E-08		
2-Hexanone						5.8E-07	1.3E-06	7.2E-08	7.2E-08		
Benzene	1.7E-16					7.0E-02	1.7E-04	8.3E-04	8.3E-04		
Bromobenzene						3.2E-06	7.4E-06	4.0E-07	4.0E-07		
Bromochloromethane						7.6E-09	1.7E-08	9.4E-10	9.4E-10		
Bromodichloromethane	2.7E-20					8.2E-09	1.9E-08	1.0E-09	1.0E-09		

Table H-365 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Bromomethane	1.1E-19					3.3E-07	7.5E-07	4.1E-08	4.1E-08		
Carbon disulfide	1.1E-19					2.9E-07	6.6E-07	3.6E-08	3.6E-08		
Carbon tetrachloride	1.2E-20					1.3E-02	4.3E-08	1.3E-03	1.3E-03		
Chlorobenzene	4.0E-18					4.1E-07	9.5E-07	5.2E-08	5.2E-08		
Chlorodibromomethane	1.6E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
Chloroethane	3.2E-19					7.8E-07	1.8E-06	9.8E-08	9.8E-08		
Chloroform	2.4E-19					3.1E-03	3.9E-07	2.1E-04	2.1E-04		
Chloromethane	8.4E-19					2.7E-06	6.1E-06	3.3E-07	3.3E-07		
cis-1,2-Dichloroethene	3.3E-19					3.4E-07	7.9E-07	4.3E-08	4.3E-08		
cis-1,3-Dichloropropene						2.1E-09	4.8E-09	2.6E-10	2.6E-10		
Dibromomethane	3.6E-20					1.7E-08	4.0E-08	2.2E-09	2.2E-09		
Dichlorodifluoromethane	4.0E-22					2.1E-08	4.9E-08	2.7E-09	2.7E-09		
Ethylbenzene	1.3E-16					1.8E-02	3.9E-05	2.1E-06	2.1E-06		
Isopropylbenzene	1.7E-19					1.4E-06	3.1E-06	1.7E-07	1.7E-07		
m&p-Xylene	2.0E-17					3.1E-06	7.2E-06	3.9E-07	3.9E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.1E-19					3.1E-08	7.1E-08	3.8E-09	3.8E-09		
Methylene chloride	2.2E-18					1.5E-06	3.6E-06	1.9E-07	1.9E-07		
n-Butylbenzene						6.7E-07	1.5E-06	8.3E-08	8.3E-08		
n-Propylbenzene						8.0E-07	1.9E-06	1.0E-07	1.0E-07		
o-Xylene	2.4E-17					2.0E-06	4.5E-06	2.5E-07	2.5E-07		
p-Chlorotoluene						4.8E-08	1.1E-07	5.9E-09	5.9E-09		
p-Isopropyltoluene						3.3E-07	7.6E-07	4.1E-08	4.1E-08		
sec-Butylbenzene						1.2E-07	2.8E-07	1.5E-08	1.5E-08		
Styrene	8.0E-16					4.4E-05	1.0E-04	5.5E-06	5.5E-06		

Table H-365 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						3.9E-06	9.0E-06	4.9E-07	4.9E-07		
Tetrachloroethene	5.7E-20					1.0E-08	2.4E-08	1.3E-09	1.3E-09		
Toluene	1.3E-16					2.7E-05	6.2E-05	3.4E-06	3.4E-06		
trans-1,2-Dichloroethene	5.0E-18					7.2E-06	1.7E-05	9.1E-07	9.1E-07		
trans-1,3-Dichloropropene						3.6E-09	8.4E-09	4.5E-10	4.5E-10		
Trichloroethene	5.8E-22					4.3E-04	1.4E-09	7.8E-11	7.8E-11		
Trichlorofluoromethane	9.0E-22					7.5E-09	1.7E-08	9.4E-10	9.4E-10		
Vinyl chloride	4.1E-20					4.2E-07	9.8E-07	5.3E-08	5.3E-08		

Table H-366 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					4.8E-03	2.7E-02	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19	
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19	
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18	
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19	
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19	
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19	
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20	
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19	
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19	

Table H-366 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.2E-02	1.9E-02					5.7E-07	2.1E-06
Antimony	1.6E-17			7.7E-07	1.7E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	3.8E-11	1.8E-11
Arsenic	8.1E-16	2.7E-06	1.8E-07	6.4E-06	8.6E-07	5.9E-10	1.4E-09	7.4E-11	7.4E-11	5.2E-10	1.6E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				3.3E-05	6.4E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.6E-09	6.9E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				2.7E-02	4.3E-02					1.3E-06	4.7E-06
Lead	6.9E-18			1.1E-04	1.4E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.5E-09	1.6E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				2.7E-08	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	5.2E-08	3.2E-07
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18

Table H-366 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	1.3E-03	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.7E-08	1.4E-07
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Thallium (Soluble Salts)				8.1E-08						4.0E-12	
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	1.6E-07	2.8E-12	1.5E-07	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	2.3E-09	1.4E-08
Benzo(a)pyrene	3.1E-12	1.7E-07	1.3E-07	1.5E-07	2.4E-07	1.2E-09	2.7E-09	1.5E-10	1.5E-10	7.6E-12	2.6E-11
Benzo(b)fluoranthene	8.3E-13	3.0E-07	1.2E-07	2.7E-07	2.2E-07	1.3E-09	3.0E-09	1.6E-10	1.6E-10	1.3E-11	2.3E-11
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	1.2E-07	1.1E-13	1.1E-07	2.0E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	5.5E-12	2.2E-17

Table H-366 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.4E-07	3.8E-12	2.1E-07	7.0E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.0E-11	7.5E-16
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	4.8E-13	3.1E-13	8.7E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	1.5E-17	9.4E-17
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	9.4E-08	1.3E-12	8.6E-08	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	4.2E-12	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16

Table H-366 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				6.8E-06	2.8E-07					2.2E-07	1.3E-06
Dieldrin		2.7E-08		3.2E-08						1.6E-12	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18

Table H-366 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						5.9E-03					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.3E-05	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.2E-04	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		

Table H-366 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.6E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					3.7E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					2.1E-04	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		

Table H-366 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09			
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11			
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08			
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08			
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12			
Trichloroethene	6.8E-21					5.0E-06	1.7E-11	9.1E-13	9.1E-13			
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11			
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10			

Table H-367 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						7.2E-05	2.6E-03	9.0E-06	8.5E-04		
Aldehydes											
Acetaldehyde	7.9E-15					1.2E-04	4.4E-03	1.6E-05	1.5E-03		
Formaldehyde	3.9E-14					4.1E-01	1.7E-03	6.6E-06	5.8E-04		
Propionaldehyde				1.9E-16	6.2E-15	1.4E-05	4.9E-04	1.7E-06	1.6E-04	1.4E-12	1.0E-10
CO											
Carbon monoxide						3.8E-03	1.4E-01	4.8E-04	4.8E-02		
CO2											
Carbon dioxide						1.2E-04	4.3E-03	1.5E-05	1.4E-03		
Criteria											
Sulfur Dioxide						3.2E-05	1.0E-03	4.1E-06	3.5E-04		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.1E-19	1.1E-16	2.0E-15	4.2E-16	1.6E-14	7.3E-11	2.9E-09	9.1E-12	9.7E-10	2.1E-17	1.7E-15
1,2,3,4,6,7,8-HpCDF	1.0E-19	1.1E-16	2.0E-15	4.2E-16	1.6E-14	7.3E-11	2.9E-09	9.2E-12	9.7E-10	2.1E-17	1.7E-15
1,2,3,4,7,8,9-HpCDF	1.6E-20	1.2E-17	2.4E-16	4.9E-17	1.9E-15	9.3E-12	3.8E-10	1.2E-12	1.3E-10	2.4E-18	2.1E-16
1,2,3,4,7,8-HxCDD	1.2E-19	1.2E-17	2.3E-16	4.8E-17	1.8E-15	8.7E-12	3.5E-10	1.1E-12	1.2E-10	2.3E-18	2.0E-16
1,2,3,4,7,8-HxCDF	8.2E-19	9.6E-17	1.8E-15	3.8E-16	1.5E-14	7.1E-11	2.9E-09	8.9E-12	9.6E-10	1.9E-17	1.6E-15
1,2,3,6,7,8-HxCDD	2.3E-19	2.5E-17	4.8E-16	9.7E-17	3.8E-15	1.8E-11	7.4E-10	2.3E-12	2.5E-10	4.8E-18	4.1E-16
1,2,3,6,7,8-HxCDF	3.0E-19	3.1E-17	6.1E-16	1.2E-16	4.8E-15	2.3E-11	9.4E-10	2.9E-12	3.1E-10	6.1E-18	5.2E-16
1,2,3,7,8,9-HxCDD	3.3E-19	3.9E-17	7.5E-16	1.5E-16	5.9E-15	2.8E-11	1.1E-09	3.5E-12	3.8E-10	7.5E-18	6.4E-16
1,2,3,7,8,9-HxCDF	2.5E-20	2.2E-18	4.4E-17	8.9E-18	3.5E-16	1.8E-12	7.2E-11	2.2E-13	2.4E-11	4.3E-19	3.8E-17
1,2,3,7,8-PeCDD	6.3E-19	1.4E-17	2.7E-16	5.4E-17	2.1E-15	1.1E-11	4.5E-10	1.4E-12	1.5E-10	2.6E-18	2.3E-16
1,2,3,7,8-PeCDF	8.8E-19	1.6E-17	3.2E-16	6.3E-17	2.5E-15	1.6E-11	6.5E-10	2.0E-12	2.2E-10	3.1E-18	2.7E-16

Table H-367 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	4.4E-19	4.9E-17	9.3E-16	1.9E-16	7.3E-15	3.6E-11	1.4E-09	4.5E-12	4.8E-10	9.5E-18	7.9E-16
2,3,4,7,8-PeCDF	1.4E-18	3.8E-17	7.5E-16	1.5E-16	6.0E-15	3.5E-11	1.4E-09	4.4E-12	4.8E-10	7.4E-18	6.4E-16
2,3,7,8-TCDD	2.1E-19	2.8E-18	4.0E-17	1.1E-17	3.2E-16	4.4E-12	1.5E-10	5.6E-13	5.0E-11	3.7E-16	2.4E-14
2,3,7,8-TCDF	6.9E-19	5.1E-18	1.0E-16	2.0E-17	8.0E-16	1.6E-11	6.7E-10	2.0E-12	2.2E-10	9.8E-19	8.6E-17
OCDD	1.4E-21	7.2E-17	1.3E-15	2.8E-16	1.0E-14	4.8E-11	1.9E-09	6.0E-12	6.4E-10	1.4E-17	1.1E-15
OCDF	5.3E-22	2.8E-17	5.0E-16	1.1E-16	3.9E-15	1.8E-11	7.0E-10	2.3E-12	2.3E-10	5.4E-18	4.2E-16
HCN											
Hydrogen cyanide						1.4E-05	5.3E-04	1.7E-06	1.8E-04		
Metals											
Aluminum				9.9E-04						4.9E-05	
Antimony	1.3E-18			6.6E-08		8.9E-07	2.2E-05	1.1E-07	7.4E-06	3.2E-09	
Arsenic	7.0E-17	2.3E-07	4.1E-18	5.5E-07	2.0E-17	5.1E-08	1.8E-06	6.4E-09	6.0E-07	4.5E-08	3.5E-18
Barium	1.9E-13			2.3E-10	8.1E-09	1.1E-05	2.9E-04	1.3E-06	9.7E-05	1.1E-11	8.7E-10
Beryllium	2.8E-18			9.0E-17	3.4E-15	3.7E-09	1.2E-07	4.6E-10	4.1E-08	4.4E-18	3.6E-16
Cadmium	7.2E-16			7.0E-17	2.7E-15	6.5E-08	2.3E-06	8.1E-09	7.6E-07	3.4E-18	2.9E-16
Chromium	2.1E-16			6.1E-12	2.4E-10	5.5E-07	2.0E-05	6.9E-08	6.6E-06	3.0E-13	2.6E-11
Cobalt				2.8E-06	7.5E-10	8.4E-07	1.5E-05	1.1E-07	5.1E-06	1.4E-07	8.1E-11
Copper				2.5E-11	9.5E-10	1.5E-06	5.2E-05	1.9E-07	1.7E-05	1.2E-12	1.0E-10
Iron				2.3E-03						1.2E-04	
Lead	5.9E-19			9.5E-06	3.3E-13	5.1E-07	1.7E-05	6.4E-08	5.6E-06	4.7E-07	3.5E-14
Manganese				6.8E-14	2.6E-12	4.7E-07	1.6E-05	5.8E-08	5.4E-06	3.3E-15	2.8E-13
Mercury (+2)				2.8E-15	8.5E-14	2.0E-09	7.1E-08	2.5E-10	2.4E-08	1.3E-16	9.2E-15
Mercury, elemental				2.3E-09		8.4E-12	3.0E-10	1.1E-12	9.9E-11	4.4E-06	
Methyl Mercury	7.2E-16			1.6E-16	6.3E-15					8.0E-18	6.8E-16

Table H-367 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	2.8E-16			4.8E-05	1.3E-14	3.0E-07	1.0E-05	3.7E-08	3.4E-06	2.3E-06	1.4E-15
Phosphorus				6.4E-16	2.4E-14	2.3E-06	7.4E-05	2.8E-07	2.5E-05	6.2E-12	5.0E-10
Selenium	2.4E-17			3.5E-18	1.3E-16	1.5E-08	5.2E-07	1.9E-09	1.7E-07	1.7E-19	1.4E-17
Silver	1.7E-17			6.4E-14	2.4E-12	9.8E-09	3.2E-07	1.2E-09	1.1E-07	3.1E-15	2.6E-13
Thallium (Soluble Salts)				7.0E-09						3.4E-10	
Titanium				6.9E-16	2.8E-14	5.2E-09	2.0E-07	6.5E-10	6.5E-08	3.4E-17	3.0E-15
Zinc	3.5E-13			1.6E-14	5.6E-13	1.2E-05	3.4E-04	1.5E-06	1.1E-04	7.7E-16	6.0E-14
NOx											
NOx (Oxides of Nitrogen)						1.3E-04	4.5E-03	1.7E-05	1.5E-03		
PAHs											
1-Methylnaphthalene		2.0E-17	4.2E-16	1.9E-17	7.6E-16	2.8E-06	1.2E-04	3.5E-07	3.9E-05	2.1E-14	1.9E-12
1-Methylphenanthrene				1.2E-14	5.2E-13	3.4E-07	1.4E-05	4.2E-08	4.7E-06	6.1E-16	5.6E-14
2,3,5-Trimethylnaphthalene				5.8E-15	2.5E-13	1.7E-07	7.2E-06	2.1E-08	2.4E-06	2.9E-16	2.7E-14
2,6-Dimethylnaphthalene				1.6E-14	6.7E-13	4.4E-07	1.9E-05	5.5E-08	6.2E-06	7.8E-16	7.3E-14
2-Methylnaphthalene		2.0E-17	4.0E-16	1.8E-17	7.4E-16	2.7E-06	1.1E-04	3.4E-07	3.8E-05	2.1E-14	1.9E-12
Acenaphthylene				5.1E-14	2.2E-12	1.6E-06	6.8E-05	2.0E-07	2.3E-05	2.5E-15	2.3E-13
Acenaphthene	2.9E-16					3.0E-07	1.2E-05	3.7E-08	4.1E-06		
Anthracene	3.7E-15					5.2E-07	2.2E-05	6.5E-08	7.3E-06		
Benzo(a)anthracene	5.3E-13	1.4E-08	3.4E-12	1.3E-08	6.3E-12	2.6E-07	1.1E-05	3.2E-08	3.7E-06	1.9E-07	2.1E-10
Benzo(a)pyrene	2.6E-13	1.5E-08	1.5E-12	1.3E-08	2.6E-12	1.0E-07	4.2E-06	1.3E-08	1.4E-06	6.5E-10	2.9E-13
Benzo(b)fluoranthene	7.1E-14	2.6E-08	7.9E-14	2.3E-08	1.4E-13	1.1E-07	4.5E-06	1.4E-08	1.5E-06	1.2E-09	1.5E-14
Benzo(e)pyrene				2.9E-15	1.1E-13	8.6E-08	3.5E-06	1.1E-08	1.2E-06	1.4E-16	1.2E-14
Benzo(g,h,i)perylene				2.2E-15	8.7E-14	6.6E-08	2.7E-06	8.2E-09	9.1E-07	1.1E-16	9.4E-15
Benzo(k)fluoranthene	5.9E-16	1.0E-08	4.7E-14	9.5E-09	8.6E-14	1.0E-09	1.8E-08	1.2E-10	5.9E-09	4.7E-10	9.2E-15

Table H-367 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				2.9E-16	1.2E-14	9.5E-06	4.0E-04	1.2E-06	1.3E-04	1.7E-13	1.5E-11
Chrysene	9.1E-14	2.0E-08	4.1E-12	1.8E-08	7.5E-12	4.4E-07	1.8E-05	5.5E-08	6.0E-06	9.0E-10	8.1E-13
Dibenze(a,h)anthracene	1.3E-14	2.6E-14	5.1E-13	2.3E-14	9.3E-13	1.6E-08	6.5E-07	2.0E-09	2.2E-07	1.1E-15	1.0E-13
Fluoranthene	2.4E-14	5.4E-15	1.1E-13	5.0E-15	2.0E-13	6.4E-07	2.7E-05	8.0E-08	8.9E-06	2.4E-16	2.2E-14
Fluorene	5.2E-15					1.6E-06	6.8E-05	2.0E-07	2.3E-05		
Indeno(1,2,3-cd)pyrene	3.3E-14	8.1E-09	1.4E-12	7.3E-09	2.6E-12	5.3E-08	2.2E-06	6.6E-09	7.3E-07	3.6E-10	2.8E-13
Napthalene	2.4E-15					1.3E-05	5.3E-04	1.6E-06	1.8E-04		
Perylene				1.1E-15	5.3E-14	4.0E-08	1.7E-06	4.9E-09	5.8E-07	5.5E-17	5.7E-15
Phenanthrene	2.5E-14					3.0E-06	1.2E-04	3.8E-07	4.1E-05		
Pyrene	1.7E-14	1.8E-14	3.8E-13	1.7E-14	6.9E-13	6.3E-07	2.6E-05	7.8E-08	8.7E-06	4.7E-13	4.2E-11
Particulate											
Particulate Total Suspended Particulate				2.6E-10	1.0E-08	2.0E-03	7.7E-02	2.5E-04	2.6E-02	1.3E-11	1.1E-09
PM<10				3.3E-10	1.4E-08	2.6E-03	1.0E-01	3.3E-04	3.5E-02	1.6E-11	1.5E-09
PM<2.5				2.7E-10	1.1E-08	2.3E-03	9.0E-02	2.8E-04	3.0E-02	1.3E-11	1.2E-09
PCBs											
Dichlorobiphenyl	5.2E-16	4.9E-17	9.8E-16	4.2E-17	1.7E-15	8.0E-09	3.3E-07	9.9E-10	1.1E-07	3.9E-15	3.4E-13
Heptachlorobiphenyl	2.0E-17	5.7E-18	1.1E-16	4.8E-18	1.9E-16	1.1E-10	4.4E-09	1.4E-11	1.5E-09	2.5E-16	2.1E-14
Hexachlorobiphenyl	8.0E-17	2.6E-17	4.6E-16	2.2E-17	7.9E-16	4.6E-10	1.8E-08	5.7E-11	5.9E-09	1.1E-15	8.8E-14
Monochlorobiphenyl	3.6E-15	3.4E-16	6.8E-15	2.9E-16	1.2E-14	5.5E-08	2.3E-06	6.9E-09	7.6E-07	2.7E-14	2.4E-12
Nonachlorobiphenyl	2.5E-18	1.0E-18	1.6E-17	8.5E-19	2.7E-17	1.5E-11	5.5E-10	1.9E-12	1.8E-10	4.3E-17	3.0E-15
Octachlorobiphenyl	5.8E-18	1.9E-18	3.4E-17	1.6E-18	5.7E-17	3.3E-11	1.3E-09	4.2E-12	4.3E-10	8.0E-17	6.4E-15
Pentachlorobiphenyl	2.6E-16	9.3E-17	1.6E-15	7.9E-17	2.7E-15	1.6E-09	5.9E-08	2.0E-10	2.0E-08	4.0E-15	3.0E-13
Tetrachlorobiphenyl	1.6E-16	1.9E-17	3.2E-16	1.6E-17	5.4E-16	2.6E-09	9.7E-08	3.2E-10	3.2E-08	1.5E-15	1.1E-13
Trichlorobiphenyl	2.0E-16	2.3E-17	4.0E-16	1.9E-17	6.8E-16	3.3E-09	1.3E-07	4.1E-10	4.2E-08	1.8E-15	1.4E-13

Table H-367 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				5.9E-07						1.9E-05	
Dieldrin		2.3E-09		2.7E-09						1.3E-10	
SVOCs											
1,2,4-trichlorobenzene						2.3E-08	7.4E-07	2.9E-09	2.5E-07		
1,2-dichlorobenzene	2.4E-19					9.3E-09	1.7E-07	1.2E-09	5.5E-08		
1,3-dichlorobenzene	5.9E-19					1.4E-08	4.7E-07	1.7E-09	1.6E-07		
1,4-dichlorobenzene	7.9E-18					1.3E-07	5.8E-06	1.6E-08	1.9E-06		
2,4-Dimethylphenol	2.2E-16					2.0E-06	8.1E-05	2.5E-07	2.7E-05		
2-Chlorophenol	1.1E-17					4.1E-07	1.8E-05	5.1E-08	5.9E-06		
2-Methylphenol	4.5E-15					4.8E-06	2.0E-04	6.0E-07	6.7E-05		
2-Nitrophenol	2.7E-17					6.5E-07	2.7E-05	8.1E-08	8.9E-06		
3-Methylphenol & 4-Methylphenol				3.2E-13	1.3E-11	8.6E-06	3.6E-04	1.1E-06	1.2E-04	1.5E-14	1.4E-12
4-Nitrophenol	5.6E-17					1.1E-06	4.1E-05	1.3E-07	1.4E-05		
Acetophenone	3.4E-16					1.0E-05	4.2E-04	1.3E-06	1.4E-04		
Benzoic acid	1.4E-15					4.6E-05	1.9E-03	5.8E-06	6.4E-04		
Benzyl alcohol	8.4E-19					3.9E-07	1.2E-05	4.8E-08	3.9E-06		
bis(2-Ethylhexyl) phthalate	4.2E-14	5.8E-13	1.0E-11	6.8E-13	2.4E-11	1.6E-05	6.3E-04	2.0E-06	2.1E-04	3.3E-14	2.6E-12
Butyl benzyl phthalate	1.5E-14	2.8E-16	5.7E-15	3.3E-16	1.3E-14	5.1E-07	2.1E-05	6.4E-08	7.1E-06	1.6E-17	1.5E-15
Carbazole				1.2E-15	2.2E-14	1.4E-08	2.6E-07	1.8E-09	8.6E-08	5.9E-17	2.4E-15
Dibenzofuran		1.2E-17	2.5E-16	4.8E-17	1.9E-15	8.2E-07	3.4E-05	1.0E-07	1.1E-05	2.1E-14	1.8E-12
Dimethyl phthalate	5.5E-18					2.9E-08	5.1E-07	3.6E-09	1.7E-07		
Di-n-butyl phthalate	1.4E-13	2.8E-16	5.7E-15	3.3E-16	1.4E-14	7.9E-07	3.3E-05	9.8E-08	1.1E-05	1.6E-17	1.5E-15
Di-n-octyl phthalate	1.1E-18	8.1E-16	7.4E-15	9.5E-16	1.8E-14	5.5E-08	9.8E-07	6.9E-09	3.3E-07	4.7E-17	1.9E-15

Table H-367 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	5.8E-16					3.8E-06	6.8E-05	4.8E-07	2.3E-05		
Isopropanol						5.1E-01					
Phenol	1.3E-14					2.6E-05	1.1E-03	3.2E-06	3.6E-04		
Pyridine	6.6E-16					2.4E-06	1.0E-04	3.1E-07	3.4E-05		
TRS											
Total Reduced Sulfur						2.5E-05	1.1E-03	3.1E-06	3.6E-04		
VOCs											
1,1,1,2-Tetrachloroethane	2.3E-19					1.2E-08	3.9E-07	1.4E-09	1.3E-07		
1,1,1-Trichloroethane	1.5E-20					1.1E-08	4.3E-07	1.4E-09	1.4E-07		
1,1-Dichloroethene	5.1E-22					2.2E-09	4.0E-08	2.8E-10	1.3E-08		
1,2,3-Trichlorobenzene	1.6E-17					4.6E-08	1.7E-06	5.7E-09	5.7E-07		
1,2,3-Trichloropropane	9.3E-20					9.3E-09	1.7E-07	1.2E-09	5.5E-08		
1,2,4-Trimethylbenzene						5.3E-07	1.7E-05	6.7E-08	5.6E-06		
1,2-Dibromoethane	3.2E-20					5.9E-09	1.1E-07	7.4E-10	3.5E-08		
1,2-Dichloroethane	1.0E-18					2.0E-03	9.0E-06	8.6E-05	3.0E-06		
1,3,5-Trimethylbenzene	5.2E-18					5.0E-07	1.5E-05	6.3E-08	5.0E-06		
1,3-Dichloropropane						5.7E-09	1.0E-07	7.2E-10	3.4E-08		
2-Butanone	2.1E-16					2.8E-06	1.1E-04	3.5E-07	3.7E-05		
2-Chlorotoluene						1.3E-07	5.2E-06	1.6E-08	1.7E-06		
2-Hexanone						5.8E-07	2.1E-05	7.2E-08	7.0E-06		
Benzene	1.7E-16					7.0E-02	2.9E-03	8.3E-04	9.7E-04		
Bromobenzene						3.2E-06	5.7E-05	4.0E-07	1.9E-05		
Bromochloromethane						7.6E-09	1.3E-07	9.4E-10	4.5E-08		
Bromodichloromethane	2.7E-20					8.2E-09	1.5E-07	1.0E-09	4.9E-08		

Table H-367 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromomethane	1.1E-19					3.3E-07	9.8E-06	4.1E-08	3.3E-06		
Carbon disulfide	1.1E-19					2.9E-07	8.4E-06	3.6E-08	2.8E-06		
Carbon tetrachloride	1.2E-20					1.3E-02	3.3E-07	1.3E-03	1.1E-07		
Chlorobenzene	4.0E-18					4.1E-07	1.5E-05	5.2E-08	4.9E-06		
Chlorodibromomethane	1.6E-18					2.0E-07	3.6E-06	2.5E-08	1.2E-06		
Chloroethane	3.2E-19					7.8E-07	2.7E-05	9.8E-08	9.1E-06		
Chloroform	2.4E-19					3.1E-03	3.3E-06	2.1E-04	1.1E-06		
Chloromethane	8.4E-19					2.7E-06	8.0E-05	3.3E-07	2.7E-05		
cis-1,2-Dichloroethene	3.3E-19					3.4E-07	6.1E-06	4.3E-08	2.0E-06		
cis-1,3-Dichloropropene						2.1E-09	3.7E-08	2.6E-10	1.2E-08		
Dibromomethane	3.6E-20					1.7E-08	3.1E-07	2.2E-09	1.0E-07		
Dichlorodifluoromethane	4.0E-22					2.1E-08	3.8E-07	2.7E-09	1.3E-07		
Ethylbenzene	1.3E-16					1.8E-02	6.3E-04	2.1E-06	2.1E-04		
Isopropylbenzene	1.7E-19					1.4E-06	4.6E-05	1.7E-07	1.5E-05		
m&p-Xylene	2.0E-17					3.1E-06	1.1E-04	3.9E-07	3.5E-05		
Methyl Isobutyl Ketone (4-methyl-2-per	2.1E-19					3.1E-08	5.4E-07	3.8E-09	1.8E-07		
Methylene chloride	2.2E-18					1.5E-06	5.7E-05	1.9E-07	1.9E-05		
n-Butylbenzene						6.7E-07	2.0E-05	8.3E-08	6.6E-06		
n-Propylbenzene						8.0E-07	2.6E-05	1.0E-07	8.8E-06		
o-Xylene	2.4E-17					2.0E-06	6.5E-05	2.5E-07	2.2E-05		
p-Chlorotoluene						4.8E-08	1.4E-06	5.9E-09	4.8E-07		
p-Isopropyltoluene						3.3E-07	7.9E-06	4.1E-08	2.6E-06		
sec-Butylbenzene						1.2E-07	3.7E-06	1.5E-08	1.2E-06		
Styrene	8.0E-16					4.4E-05	1.6E-03	5.5E-06	5.3E-04		

Table H-367 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						3.9E-06	7.0E-05	4.9E-07	2.3E-05		
Tetrachloroethene	5.7E-20					1.0E-08	3.6E-07	1.3E-09	1.2E-07		
Toluene	1.3E-16					2.7E-05	1.1E-03	3.4E-06	3.5E-04		
trans-1,2-Dichloroethene	5.0E-18					7.2E-06	1.3E-04	9.1E-07	4.3E-05		
trans-1,3-Dichloropropene						3.6E-09	6.5E-08	4.5E-10	2.2E-08		
Trichloroethene	5.8E-22					4.3E-04	1.1E-08	7.8E-11	3.7E-09		
Trichlorofluoromethane	9.0E-22					7.5E-09	1.3E-07	9.4E-10	4.4E-08		
Vinyl chloride	4.1E-20					4.2E-07	1.0E-05	5.3E-08	3.4E-06		

Table H-368 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	3.0E-05	1.0E-07	9.9E-06		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	5.2E-05	1.8E-07	1.7E-05		
Formaldehyde	4.5E-13					4.8E-03	2.0E-05	7.7E-08	6.8E-06		
Propionaldehyde				2.2E-15	7.2E-14	1.6E-07	5.8E-06	2.0E-08	1.9E-06	1.7E-14	1.2E-12
CO											
Carbon monoxide						4.5E-05	1.7E-03	5.6E-06	5.6E-04		
CO2											
Carbon dioxide						1.4E-06	5.0E-05	1.8E-07	1.7E-05		
Criteria											
Sulfur Dioxide						3.8E-07	1.2E-05	4.7E-08	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	4.0E-14	8.5E-15	3.2E-13	8.5E-13	3.4E-11	1.1E-13	1.1E-11	4.2E-19	3.4E-17
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	4.1E-14	8.6E-15	3.2E-13	8.6E-13	3.4E-11	1.1E-13	1.1E-11	4.2E-19	3.5E-17
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	4.9E-15	9.9E-16	3.9E-14	1.1E-13	4.4E-12	1.4E-14	1.5E-12	4.8E-20	4.2E-18
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	4.7E-15	9.7E-16	3.7E-14	1.0E-13	4.1E-12	1.3E-14	1.4E-12	4.7E-20	4.0E-18
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	3.8E-14	7.7E-15	3.0E-13	8.3E-13	3.3E-11	1.0E-13	1.1E-11	3.8E-19	3.2E-17
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	9.7E-15	2.0E-15	7.7E-14	2.1E-13	8.7E-12	2.7E-14	2.9E-12	9.7E-20	8.3E-18
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	1.2E-14	2.5E-15	9.8E-14	2.7E-13	1.1E-11	3.4E-14	3.6E-12	1.2E-19	1.1E-17
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.5E-14	3.1E-15	1.2E-13	3.2E-13	1.3E-11	4.1E-14	4.4E-12	1.5E-19	1.3E-17
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	8.9E-16	1.8E-16	7.1E-15	2.1E-14	8.4E-13	2.6E-15	2.8E-13	8.8E-21	7.6E-19
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	5.4E-15	1.1E-15	4.3E-14	1.3E-13	5.3E-12	1.6E-14	1.8E-12	5.4E-20	4.6E-18
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	6.4E-15	1.3E-15	5.1E-14	1.8E-13	7.5E-12	2.3E-14	2.5E-12	6.3E-20	5.5E-18

Table H-368 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.9E-14	3.9E-15	1.5E-13	4.2E-13	1.7E-11	5.2E-14	5.6E-12	1.9E-19	1.6E-17
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.5E-14	3.1E-15	1.2E-13	4.1E-13	1.7E-11	5.2E-14	5.6E-12	1.5E-19	1.3E-17
2,3,7,8-TCDD	2.7E-18	5.5E-17	8.0E-16	2.2E-16	6.3E-15	5.2E-14	1.7E-12	6.5E-15	5.8E-13	7.4E-18	4.7E-16
2,3,7,8-TCDF	8.2E-18	1.0E-16	2.0E-15	4.0E-16	1.6E-14	1.9E-13	7.8E-12	2.4E-14	2.6E-12	2.0E-20	1.7E-18
OCDD	2.5E-20	1.5E-15	2.7E-14	5.8E-15	2.1E-13	5.6E-13	2.2E-11	7.0E-14	7.4E-12	2.8E-19	2.3E-17
OCDF	9.3E-21	5.7E-16	1.0E-14	2.2E-15	8.0E-14	2.1E-13	8.2E-12	2.6E-14	2.7E-12	1.1E-19	8.6E-18
HCN											
Hydrogen cyanide						1.6E-07	6.2E-06	2.0E-08	2.1E-06		
Metals											
Aluminum				1.2E-02						5.7E-07	
Antimony	1.6E-17			7.7E-07		1.0E-08	2.6E-07	1.3E-09	8.6E-08	3.8E-11	
Arsenic	8.1E-16	2.7E-06	4.8E-17	6.4E-06	2.3E-16	5.9E-10	2.1E-08	7.4E-11	7.0E-09	5.2E-10	4.1E-20
Barium	2.7E-12			4.4E-09	1.5E-07	1.3E-07	3.4E-06	1.6E-08	1.1E-06	2.1E-13	1.6E-11
Beryllium	3.3E-17			1.0E-15	3.9E-14	4.3E-11	1.5E-09	5.4E-12	4.8E-10	5.1E-20	4.3E-18
Cadmium	8.3E-15			8.2E-16	3.1E-14	7.6E-10	2.6E-08	9.5E-11	8.8E-09	4.0E-20	3.4E-18
Chromium	2.8E-15			9.6E-11	3.7E-09	6.5E-09	2.3E-07	8.1E-10	7.7E-08	4.7E-15	4.0E-13
Cobalt				3.3E-05	1.4E-08	9.8E-09	1.8E-07	1.2E-09	6.0E-08	1.6E-09	1.5E-12
Copper				4.5E-10	1.7E-08	1.8E-08	6.1E-07	2.2E-09	2.0E-07	2.2E-14	1.8E-12
Iron				2.7E-02						1.3E-06	
Lead	6.9E-18			1.1E-04	3.8E-12	6.0E-09	2.0E-07	7.5E-10	6.5E-08	5.5E-09	4.1E-16
Manganese				8.0E-13	3.1E-11	5.5E-09	1.9E-07	6.8E-10	6.3E-08	3.9E-17	3.3E-15
Mercury (+2)				6.4E-14	2.0E-12	2.4E-11	8.3E-10	2.9E-12	2.8E-10	3.1E-18	2.1E-16
Mercury, elemental				2.7E-08		9.8E-14	3.5E-12	1.2E-14	1.2E-12	5.2E-08	
Methyl Mercury	1.3E-14			3.8E-15	1.5E-13					1.9E-19	1.6E-17

Table H-368 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	1.6E-13	3.5E-09	1.2E-07	4.3E-10	4.0E-08	2.7E-08	1.7E-17
Phosphorus				7.5E-15	2.8E-13	2.6E-08	8.6E-07	3.3E-09	2.9E-07	7.2E-14	5.9E-12
Selenium	2.8E-16			4.0E-17	1.6E-15	1.7E-10	6.1E-09	2.2E-11	2.0E-09	2.0E-21	1.7E-19
Silver	2.1E-16			8.5E-13	3.2E-11	1.1E-10	3.7E-09	1.4E-11	1.2E-09	4.2E-17	3.4E-15
Thallium (Soluble Salts)				8.1E-08						4.0E-12	
Titanium				8.0E-15	3.2E-13	6.1E-11	2.3E-09	7.6E-12	7.6E-10	3.9E-19	3.5E-17
Zinc	4.1E-12			1.8E-13	6.5E-12	1.4E-07	3.9E-06	1.7E-08	1.3E-06	9.0E-18	7.0E-16
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	5.2E-05	2.0E-07	1.7E-05		
PAHs											
1-Methylnaphthalene		2.4E-16	4.9E-15	2.2E-16	8.9E-15	3.3E-08	1.4E-06	4.1E-09	4.6E-07	2.5E-16	2.2E-14
1-Methylphenanthrene				1.5E-13	6.0E-12	3.9E-09	1.7E-07	4.9E-10	5.5E-08	7.1E-18	6.5E-16
2,3,5-Trimethylnaphthalene				6.8E-14	3.0E-12	1.9E-09	8.4E-08	2.4E-10	2.8E-08	3.3E-18	3.2E-16
2,6-Dimethylnaphthalene				1.9E-13	7.9E-12	5.1E-09	2.2E-07	6.4E-10	7.3E-08	9.1E-18	8.5E-16
2-Methylnaphthalene		2.3E-16	4.7E-15	2.1E-16	8.6E-15	3.2E-08	1.3E-06	4.0E-09	4.4E-07	2.4E-16	2.2E-14
Acenaphthylene				6.0E-13	2.5E-11	1.9E-08	8.0E-07	2.4E-09	2.7E-07	2.9E-17	2.7E-15
Acenaphthene	3.4E-15					3.5E-09	1.4E-07	4.3E-10	4.8E-08		
Anthracene	4.3E-14					6.1E-09	2.6E-07	7.6E-10	8.6E-08		
Benzo(a)anthracene	6.2E-12	1.6E-07	4.4E-11	1.5E-07	8.0E-11	3.0E-09	1.3E-07	3.7E-10	4.3E-08	2.3E-09	2.7E-12
Benzo(a)pyrene	3.1E-12	1.7E-07	1.8E-11	1.5E-07	3.3E-11	1.2E-09	4.9E-08	1.5E-10	1.6E-08	7.6E-12	3.6E-15
Benzo(b)fluoranthene	8.3E-13	3.0E-07	1.0E-12	2.7E-07	1.8E-12	1.3E-09	5.3E-08	1.6E-10	1.8E-08	1.3E-11	2.0E-16
Benzo(e)pyrene				3.4E-14	1.3E-12	1.0E-09	4.1E-08	1.3E-10	1.4E-08	1.7E-18	1.4E-16
Benzo(g,h,i)perylene				2.5E-14	1.0E-12	7.7E-10	3.2E-08	9.6E-11	1.1E-08	1.2E-18	1.1E-16
Benzo(k)fluoranthene	7.9E-15	1.2E-07	7.3E-13	1.1E-07	1.3E-12	1.2E-11	2.1E-10	1.5E-12	6.9E-11	5.5E-12	1.4E-16

Table H-368 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	1.4E-13	1.1E-07	4.7E-06	1.4E-08	1.6E-06	2.0E-15	1.8E-13
Chrysene	1.1E-12	2.4E-07	5.6E-11	2.1E-07	1.0E-10	5.1E-09	2.1E-07	6.4E-10	7.1E-08	1.0E-11	1.1E-14
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	6.8E-12	3.1E-13	1.2E-11	1.9E-10	7.6E-09	2.3E-11	2.5E-09	1.5E-17	1.3E-15
Fluoranthene	2.8E-13	6.8E-14	1.4E-12	6.1E-14	2.5E-12	7.5E-09	3.1E-07	9.4E-10	1.0E-07	3.0E-18	2.7E-16
Fluorene	6.1E-14					1.9E-08	7.9E-07	2.3E-09	2.6E-07		
Indeno(1,2,3-cd)pyrene	4.0E-13	9.4E-08	1.8E-11	8.6E-08	3.3E-11	6.2E-10	2.5E-08	7.7E-11	8.5E-09	4.2E-12	3.6E-15
Napthalene	2.8E-14					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Perylene				1.3E-14	6.2E-13	4.6E-10	2.0E-08	5.8E-11	6.8E-09	6.5E-19	6.6E-17
Phenanthrene	2.9E-13					3.5E-08	1.5E-06	4.4E-09	4.8E-07		
Pyrene	2.0E-13	2.8E-13	5.7E-12	2.5E-13	1.0E-11	7.3E-09	3.0E-07	9.1E-10	1.0E-07	7.1E-15	6.4E-13
Particulate											
Particulate Total Suspended Particulate				3.0E-09	1.2E-07	2.3E-05	9.0E-04	2.9E-06	3.0E-04	1.5E-13	1.3E-11
PM<10				3.8E-09	1.6E-07	3.1E-05	1.2E-03	3.9E-06	4.0E-04	1.9E-13	1.7E-11
PM<2.5				3.2E-09	1.3E-07	2.6E-05	1.0E-03	3.3E-06	3.5E-04	1.6E-13	1.4E-11
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	2.0E-14	8.3E-16	3.3E-14	9.3E-11	3.8E-09	1.2E-11	1.3E-09	7.8E-17	6.8E-15
Heptachlorobiphenyl	2.3E-16	1.2E-16	2.2E-15	9.8E-17	3.8E-15	1.3E-12	5.1E-11	1.6E-13	1.7E-11	5.0E-18	4.2E-16
Hexachlorobiphenyl	9.4E-16	5.2E-16	9.4E-15	4.4E-16	1.6E-14	5.3E-12	2.1E-10	6.7E-13	6.9E-11	2.3E-17	1.8E-15
Monochlorobiphenyl	4.3E-14	6.9E-15	1.4E-13	5.8E-15	2.3E-13	6.5E-10	2.7E-08	8.1E-11	8.9E-09	5.4E-16	4.7E-14
Nonachlorobiphenyl	2.9E-17	2.0E-17	3.2E-16	1.7E-17	5.4E-16	1.8E-13	6.4E-12	2.2E-14	2.1E-12	8.8E-19	6.0E-17
Octachlorobiphenyl	6.9E-17	3.8E-17	6.9E-16	3.2E-17	1.2E-15	3.9E-13	1.5E-11	4.9E-14	5.1E-12	1.6E-18	1.3E-16
Pentachlorobiphenyl	3.1E-15	1.9E-15	3.2E-14	1.6E-15	5.5E-14	1.8E-11	6.9E-10	2.3E-12	2.3E-10	8.1E-17	6.1E-15
Tetrachlorobiphenyl	1.8E-15	3.8E-16	6.4E-15	3.2E-16	1.1E-14	3.0E-11	1.1E-09	3.8E-12	3.8E-10	3.0E-17	2.2E-15
Trichlorobiphenyl	2.4E-15	4.5E-16	8.1E-15	3.8E-16	1.4E-14	3.8E-11	1.5E-09	4.8E-12	4.9E-10	3.6E-17	2.8E-15

Table H-368 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
DDE				6.8E-06						2.2E-07	
Dieldrin		2.7E-08		3.2E-08						1.6E-12	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	8.7E-09	3.4E-11	2.9E-09		
1,2-dichlorobenzene	2.8E-18					1.1E-10	1.9E-09	1.4E-11	6.5E-10		
1,3-dichlorobenzene	6.9E-18					1.6E-10	5.5E-09	2.0E-11	1.8E-09		
1,4-dichlorobenzene	9.2E-17					1.5E-09	6.8E-08	1.9E-10	2.3E-08		
2,4-Dimethylphenol	2.5E-15					2.4E-08	9.5E-07	3.0E-09	3.2E-07		
2-Chlorophenol	1.3E-16					4.7E-09	2.1E-07	5.9E-10	6.9E-08		
2-Methylphenol	5.3E-14					5.6E-08	2.3E-06	7.0E-09	7.8E-07		
2-Nitrophenol	3.2E-16					7.6E-09	3.1E-07	9.4E-10	1.0E-07		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.5E-10	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.8E-16	1.7E-14
4-Nitrophenol	6.5E-16					1.3E-08	4.8E-07	1.6E-09	1.6E-07		
Acetophenone	3.9E-15					1.2E-07	4.9E-06	1.5E-08	1.6E-06		
Benzoic acid	1.6E-14					5.4E-07	2.2E-05	6.7E-08	7.5E-06		
Benzyl alcohol	9.8E-18					4.5E-09	1.4E-07	5.6E-10	4.5E-08		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	1.2E-10	8.0E-12	2.9E-10	1.9E-07	7.4E-06	2.4E-08	2.5E-06	3.9E-16	3.1E-14
Butyl benzyl phthalate	1.8E-13	3.3E-15	6.6E-14	3.8E-15	1.6E-13	6.0E-09	2.5E-07	7.5E-10	8.3E-08	1.9E-19	1.7E-17
Carbazole				1.4E-14	2.6E-13	1.7E-10	3.0E-09	2.1E-11	1.0E-09	6.9E-19	2.8E-17
Dibenzofuran		1.4E-16	2.9E-15	5.7E-16	2.3E-14	9.5E-09	3.9E-07	1.2E-09	1.3E-07	2.4E-16	2.1E-14
Dimethyl phthalate	6.5E-17					3.3E-10	5.9E-09	4.2E-11	2.0E-09		
Di-n-butyl phthalate	1.7E-12	3.3E-15	6.7E-14	3.9E-15	1.6E-13	9.2E-09	3.8E-07	1.1E-09	1.3E-07	1.9E-19	1.7E-17
Di-n-octyl phthalate	1.3E-17	9.4E-15	8.7E-14	1.1E-14	2.1E-13	6.4E-10	1.1E-08	8.0E-11	3.8E-09	5.5E-19	2.2E-17

Table H-368 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	7.9E-07	5.5E-09	2.6E-07		
Isopropanol						5.9E-03					
Phenol	1.5E-13					3.0E-07	1.2E-05	3.8E-08	4.2E-06		
Pyridine	7.7E-15					2.9E-08	1.2E-06	3.6E-09	4.0E-07		
TRS											
Total Reduced Sulfur						2.9E-07	1.3E-05	3.6E-08	4.2E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	4.6E-09	1.7E-11	1.5E-09		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	5.0E-09	1.7E-11	1.7E-09		
1,1-Dichloroethene	6.0E-21					2.6E-11	4.6E-10	3.2E-12	1.5E-10		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	2.0E-08	6.7E-11	6.6E-09		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	1.9E-09	1.4E-11	6.4E-10		
1,2,4-Trimethylbenzene						6.2E-09	2.0E-07	7.8E-10	6.6E-08		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.2E-09	8.6E-12	4.1E-10		
1,2-Dichloroethane	1.2E-17					2.3E-05	1.0E-07	1.0E-06	3.5E-08		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.7E-07	7.3E-10	5.8E-08		
1,3-Dichloropropane						6.7E-11	1.2E-09	8.4E-12	4.0E-10		
2-Butanone	2.4E-15					3.3E-08	1.3E-06	4.1E-09	4.4E-07		
2-Chlorotoluene						1.5E-09	6.1E-08	1.8E-10	2.0E-08		
2-Hexanone						6.8E-09	2.5E-07	8.4E-10	8.2E-08		
Benzene	2.0E-15					8.2E-04	3.4E-05	9.7E-06	1.1E-05		
Bromobenzene						3.7E-08	6.6E-07	4.7E-09	2.2E-07		
Bromochloromethane						8.8E-11	1.6E-09	1.1E-11	5.2E-10		
Bromodichloromethane	3.1E-19					9.5E-11	1.7E-09	1.2E-11	5.7E-10		

Table H-368 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	1.1E-07	4.8E-10	3.8E-08		
Carbon disulfide	1.3E-18					3.3E-09	9.8E-08	4.2E-10	3.3E-08		
Carbon tetrachloride	1.3E-19					1.6E-04	3.9E-09	1.5E-05	1.3E-09		
Chlorobenzene	4.7E-17					4.8E-09	1.7E-07	6.0E-10	5.7E-08		
Chlorodibromomethane	1.8E-17					2.4E-09	4.2E-08	3.0E-10	1.4E-08		
Chloroethane	3.7E-18					9.1E-09	3.2E-07	1.1E-09	1.1E-07		
Chloroform	2.8E-18					3.7E-05	3.8E-08	2.4E-06	1.3E-08		
Chloromethane	9.8E-18					3.1E-08	9.4E-07	3.9E-09	3.1E-07		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	7.1E-08	5.0E-10	2.4E-08		
cis-1,3-Dichloropropene						2.4E-11	4.3E-10	3.0E-12	1.4E-10		
Dibromomethane	4.2E-19					2.0E-10	3.6E-09	2.5E-11	1.2E-09		
Dichlorodifluoromethane	4.7E-21					2.5E-10	4.4E-09	3.1E-11	1.5E-09		
Ethylbenzene	1.5E-15					2.1E-04	7.4E-06	2.4E-08	2.5E-06		
Isopropylbenzene	2.0E-18					1.6E-08	5.4E-07	2.0E-09	1.8E-07		
m&p-Xylene	2.4E-16					3.6E-08	1.2E-06	4.6E-09	4.1E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	6.4E-09	4.5E-11	2.1E-09		
Methylene chloride	2.6E-17					1.8E-08	6.6E-07	2.3E-09	2.2E-07		
n-Butylbenzene						7.8E-09	2.3E-07	9.7E-10	7.7E-08		
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07		
o-Xylene	2.8E-16					2.3E-08	7.6E-07	2.9E-09	2.5E-07		
p-Chlorotoluene						5.5E-10	1.7E-08	6.9E-11	5.6E-09		
p-Isopropyltoluene						3.8E-09	9.2E-08	4.8E-10	3.1E-08		
sec-Butylbenzene						1.4E-09	4.3E-08	1.8E-10	1.4E-08		
Styrene	9.4E-15					5.1E-07	1.9E-05	6.4E-08	6.2E-06		

Table H-368 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)
tert-Butylbenzene						4.6E-08	8.1E-07	5.7E-09	2.7E-07			
Tetrachloroethene	6.6E-19					1.2E-10	4.2E-09	1.5E-11	1.4E-09			
Toluene	1.6E-15					3.2E-07	1.2E-05	3.9E-08	4.1E-06			
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	1.5E-06	1.1E-08	5.0E-07			
trans-1,3-Dichloropropene						4.2E-11	7.5E-10	5.3E-12	2.5E-10			
Trichloroethene	6.8E-21					5.0E-06	1.3E-10	9.1E-13	4.3E-11			
Trichlorofluoromethane	1.0E-20					8.7E-11	1.6E-09	1.1E-11	5.2E-10			
Vinyl chloride	4.8E-19					5.0E-09	1.2E-07	6.2E-10	4.0E-08			

Table H-369 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			7.2E-05	9.0E-06	
Aldehydes					
Acetaldehyde			1.2E-04	1.6E-05	
Formaldehyde			2.7E-01	6.6E-06	
Propionaldehyde		1.9E-16	1.4E-05	1.7E-06	1.4E-12
CO					
Carbon monoxide			3.8E-03	4.8E-04	
CO2					
Carbon dioxide			1.2E-04	1.5E-05	
Criteria					
Sulfur Dioxide			3.2E-05	4.1E-06	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	1.1E-16	4.2E-16	7.3E-11	9.1E-12	2.1E-17
1,2,3,4,6,7,8-HpCDF	1.1E-16	4.2E-16	7.3E-11	9.2E-12	2.1E-17
1,2,3,4,7,8,9-HpCDF	1.2E-17	4.9E-17	9.3E-12	1.2E-12	2.4E-18
1,2,3,4,7,8-HxCDD	1.2E-17	4.8E-17	8.7E-12	1.1E-12	2.3E-18
1,2,3,4,7,8-HxCDF	9.6E-17	3.8E-16	7.1E-11	8.9E-12	1.9E-17
1,2,3,6,7,8-HxCDD	2.5E-17	9.7E-17	1.8E-11	2.3E-12	4.8E-18
1,2,3,6,7,8-HxCDF	3.1E-17	1.2E-16	2.3E-11	2.9E-12	6.1E-18
1,2,3,7,8,9-HxCDD	3.9E-17	1.5E-16	2.8E-11	3.5E-12	7.5E-18
1,2,3,7,8,9-HxCDF	2.2E-18	8.9E-18	1.8E-12	2.2E-13	4.3E-19

Table H-369 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	1.4E-17	5.4E-17	1.1E-11	1.4E-12	2.6E-18
1,2,3,7,8-PeCDF	1.6E-17	6.3E-17	1.6E-11	2.0E-12	3.1E-18
2,3,4,6,7,8-HxCDF	4.9E-17	1.9E-16	3.6E-11	4.5E-12	9.5E-18
2,3,4,7,8-PeCDF	3.8E-17	1.5E-16	3.5E-11	4.4E-12	7.4E-18
2,3,7,8-TCDD	2.8E-18	1.1E-17	4.4E-12	5.6E-13	3.7E-16
2,3,7,8-TCDF	5.1E-18	2.0E-17	1.6E-11	2.0E-12	9.8E-19
OCDD	7.2E-17	2.8E-16	4.8E-11	6.0E-12	1.4E-17
OCDF	2.8E-17	1.1E-16	1.8E-11	2.3E-12	5.4E-18
HCN					
Hydrogen cyanide			1.4E-05	1.7E-06	
Metals					
Aluminum		8.8E-04			4.3E-05
Antimony		3.2E-08	8.9E-07	1.1E-07	1.6E-09
Arsenic	3.1E-08	7.3E-08	5.1E-08	6.4E-09	5.9E-09
Barium		2.3E-10	1.1E-05	1.3E-06	1.1E-11
Beryllium		9.0E-17	3.7E-09	4.6E-10	4.4E-18
Cadmium		7.0E-17	6.5E-08	8.1E-09	3.4E-18
Chromium		6.1E-12	5.5E-07	6.9E-08	3.0E-13
Cobalt		2.3E-06	8.4E-07	1.1E-07	1.1E-07
Copper		2.5E-11	1.5E-06	1.9E-07	1.2E-12
Iron		1.9E-03			9.6E-05
Lead		9.2E-06	5.1E-07	6.4E-08	4.5E-07

Table H-369 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		6.8E-14	4.7E-07	5.8E-08	3.3E-15
Mercury (+2)		2.8E-15	2.0E-09	2.5E-10	1.3E-16
Mercury, elemental		1.5E-07	8.4E-12	1.1E-12	2.8E-04
Methyl Mercury		1.6E-16			8.0E-18
Nickel		4.8E-05	3.0E-07	3.7E-08	2.3E-06
Phosphorus		6.4E-16	2.3E-06	2.8E-07	6.2E-12
Selenium		3.5E-18	1.5E-08	1.9E-09	1.7E-19
Silver		6.4E-14	9.8E-09	1.2E-09	3.1E-15
Titanium		6.9E-16	5.2E-09	6.5E-10	3.4E-17
Zinc		1.6E-14	1.2E-05	1.5E-06	7.7E-16
NOx					
NOx (Oxides of Nitrogen)			1.3E-04	1.7E-05	
PAHs					
1-Methylnaphthalene	2.0E-17	1.9E-17	2.8E-06	3.5E-07	2.1E-14
1-Methylphenanthrene		1.2E-14	3.4E-07	4.2E-08	6.1E-16
2,3,5-Trimethylnaphthalene		5.8E-15	1.7E-07	2.1E-08	2.9E-16
2,6-Dimethylnaphthalene		1.6E-14	4.4E-07	5.5E-08	7.8E-16
2-Methylnaphthalene	2.0E-17	1.8E-17	2.7E-06	3.4E-07	2.1E-14
Acenaphthylene		5.1E-14	1.6E-06	2.0E-07	2.5E-15
Acenaphthene			3.0E-07	3.7E-08	
Anthracene			5.2E-07	6.5E-08	
Benzo(a)anthracene	1.9E-09	1.7E-09	2.6E-07	3.2E-08	2.6E-08

Table H-369 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)pyrene	2.2E-09	2.0E-09	1.0E-07	1.3E-08	9.9E-11
Benzo(b)fluoranthene	4.0E-09	3.6E-09	1.1E-07	1.4E-08	1.8E-10
Benzo(e)pyrene		2.9E-15	8.6E-08	1.1E-08	1.4E-16
Benzo(g,h,i)perylene		2.2E-15	6.6E-08	8.2E-09	1.1E-16
Benzo(k)fluoranthene	3.0E-09	2.8E-09	1.0E-09	1.2E-10	1.3E-10
Biphenyl		2.9E-16	9.5E-06	1.2E-06	1.7E-13
Chrysene	2.3E-09	2.1E-09	4.4E-07	5.5E-08	1.0E-10
Dibenze(a,h)anthracene	2.6E-14	2.3E-14	1.6E-08	2.0E-09	1.1E-15
Fluoranthene	5.4E-15	5.0E-15	6.4E-07	8.0E-08	2.4E-16
Fluorene			1.6E-06	2.0E-07	
Indeno(1,2,3-cd)pyrene	9.7E-10	8.8E-10	5.3E-08	6.6E-09	4.3E-11
Napthalene			1.3E-05	1.6E-06	
Perylene		1.1E-15	4.0E-08	4.9E-09	5.5E-17
Phenanthrene			3.0E-06	3.8E-07	
Pyrene	1.8E-14	1.7E-14	6.3E-07	7.8E-08	4.7E-13
Particulate					
Particulate Total Suspended Particulate		2.6E-10	2.0E-03	2.5E-04	1.3E-11
PM<10		3.3E-10	2.6E-03	3.3E-04	1.6E-11
PM<2.5		2.7E-10	2.3E-03	2.8E-04	1.3E-11
PCBs					
Dichlorobiphenyl	4.9E-17	4.2E-17	8.0E-09	9.9E-10	3.9E-15
Heptachlorobiphenyl	5.7E-18	4.8E-18	1.1E-10	1.4E-11	2.5E-16

Table H-369 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Hexachlorobiphenyl	2.6E-17	2.2E-17	4.6E-10	5.7E-11	1.1E-15
Monochlorobiphenyl	3.4E-16	2.9E-16	5.5E-08	6.9E-09	2.7E-14
Nonachlorobiphenyl	1.0E-18	8.5E-19	1.5E-11	1.9E-12	4.3E-17
Octachlorobiphenyl	1.9E-18	1.6E-18	3.3E-11	4.2E-12	8.0E-17
Pentachlorobiphenyl	9.3E-17	7.9E-17	1.6E-09	2.0E-10	4.0E-15
Tetrachlorobiphenyl	1.9E-17	1.6E-17	2.6E-09	3.2E-10	1.5E-15
Trichlorobiphenyl	2.3E-17	1.9E-17	3.3E-09	4.1E-10	1.8E-15
Pesticides					
Chlordecone (Kepone)	1.1E-07	1.3E-07			6.3E-09
DDE		1.8E-08			5.6E-07
SVOCs					
1,2,4-trichlorobenzene			2.3E-08	2.9E-09	
1,2-dichlorobenzene			9.3E-09	1.2E-09	
1,3-Butadiene			1.9E-03		
1,3-dichlorobenzene			1.4E-08	1.7E-09	
1,4-dichlorobenzene			1.3E-07	1.6E-08	
2,4-Dimethylphenol			2.0E-06	2.5E-07	
2-Chlorophenol			4.1E-07	5.1E-08	
2-Methylphenol			4.8E-06	6.0E-07	
2-Nitrophenol			6.5E-07	8.1E-08	
3-Methylphenol & 4-Methylphenol		3.2E-13	8.6E-06	1.1E-06	1.5E-14
4-Nitrophenol			1.1E-06	1.3E-07	

Table H-369 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			1.0E-05	1.3E-06	
Benzoic acid			4.6E-05	5.8E-06	
Benzyl alcohol			3.9E-07	4.8E-08	
bis(2-Ethylhexyl) phthalate	5.8E-13	6.8E-13	1.6E-05	2.0E-06	3.3E-14
Butyl benzyl phthalate	2.8E-16	3.3E-16	5.1E-07	6.4E-08	1.6E-17
Carbazole		1.2E-15	1.4E-08	1.8E-09	5.9E-17
Dibenzofuran	1.2E-17	4.8E-17	8.2E-07	1.0E-07	2.1E-14
Dimethyl phthalate			2.9E-08	3.6E-09	
Di-n-butyl phthalate	2.8E-16	3.3E-16	7.9E-07	9.8E-08	1.6E-17
Di-n-octyl phthalate	8.1E-16	9.5E-16	5.5E-08	6.9E-09	4.7E-17
Hexachlorobutadiene			3.8E-06	4.8E-07	
Isopropanol			2.9E-02		
Phenol			2.6E-05	3.2E-06	
Pyridine			2.4E-06	3.1E-07	
TRS					
Total Reduced Sulfur			2.5E-05	3.1E-06	
VOCs					
1,1,1,2-Tetrachloroethane			1.2E-08	1.4E-09	
1,1,1-Trichloroethane			1.1E-08	1.4E-09	
1,1-Dichloroethene			2.2E-09	2.8E-10	
1,2,3-Trichlorobenzene			4.6E-08	5.7E-09	
1,2,3-Trichloropropane			9.3E-09	1.2E-09	

Table H-369 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			5.3E-07	6.7E-08	
1,2-Dibromoethane			5.9E-09	7.4E-10	
1,2-Dichloroethane			2.4E-07	8.6E-05	
1,3,5-Trimethylbenzene			5.0E-07	6.3E-08	
1,3-Dichloropropane			5.7E-09	7.2E-10	
2-Butanone			2.8E-06	3.5E-07	
2-Chlorotoluene			1.3E-07	1.6E-08	
2-Hexanone			5.8E-07	7.2E-08	
Benzene			7.2E-03	8.3E-04	
Bromobenzene			3.2E-06	4.0E-07	
Bromochloromethane			7.6E-09	9.4E-10	
Bromodichloromethane			8.2E-09	1.0E-09	
Bromomethane			3.3E-07	4.1E-08	
Carbon disulfide			2.9E-07	3.6E-08	
Carbon tetrachloride			1.3E-02	1.3E-03	
Chlorobenzene			4.1E-07	5.2E-08	
Chlorodibromomethane			2.0E-07	2.5E-08	
Chloroethane			7.8E-07	9.8E-08	
Chloroform			1.9E-03	2.1E-04	
Chloromethane			2.7E-06	3.3E-07	
cis-1,2-Dichloroethene			3.4E-07	4.3E-08	
cis-1,3-Dichloropropene			2.1E-09	2.6E-10	

Table H-369 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			1.7E-08	2.2E-09	
Dichlorodifluoromethane			2.1E-08	2.7E-09	
Ethylbenzene			2.3E-03	2.1E-06	
Isopropylbenzene			1.4E-06	1.7E-07	
m&p-Xylene			3.1E-06	3.9E-07	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.1E-08	3.8E-09	
Methylene chloride			1.5E-06	1.9E-07	
n-Butylbenzene			6.7E-07	8.3E-08	
n-Propylbenzene			8.0E-07	1.0E-07	
o-Xylene			2.0E-06	2.5E-07	
p-Chlorotoluene			4.8E-08	5.9E-09	
p-Isopropyltoluene			3.3E-07	4.1E-08	
sec-Butylbenzene			1.2E-07	1.5E-08	
Styrene			4.4E-05	5.5E-06	
tert-Butylbenzene			3.9E-06	4.9E-07	
Tetrachloroethene			1.0E-08	1.3E-09	
Toluene			2.7E-05	3.4E-06	
trans-1,2-Dichloroethene			7.2E-06	9.1E-07	
trans-1,3-Dichloropropene			3.6E-09	4.5E-10	
Trichloroethene			6.2E-10	7.8E-11	
Trichlorofluoromethane			7.5E-09	9.4E-10	
Vinyl chloride			4.2E-07	5.3E-08	

Table H-370 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			8.4E-07	1.0E-07	
Aldehydes					
Acetaldehyde			1.4E-06	1.8E-07	
Formaldehyde			3.2E-03	7.7E-08	
Propionaldehyde		2.2E-15	1.6E-07	2.0E-08	1.7E-14
CO					
Carbon monoxide			4.5E-05	5.6E-06	
CO2					
Carbon dioxide			1.4E-06	1.8E-07	
Criteria					
Sulfur Dioxide			3.8E-07	4.7E-08	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	2.2E-15	8.5E-15	8.5E-13	1.1E-13	4.2E-19
1,2,3,4,6,7,8-HpCDF	2.2E-15	8.6E-15	8.6E-13	1.1E-13	4.2E-19
1,2,3,4,7,8,9-HpCDF	2.5E-16	9.9E-16	1.1E-13	1.4E-14	4.8E-20
1,2,3,4,7,8-HxCDD	2.5E-16	9.7E-16	1.0E-13	1.3E-14	4.7E-20
1,2,3,4,7,8-HxCDF	2.0E-15	7.7E-15	8.3E-13	1.0E-13	3.8E-19
1,2,3,6,7,8-HxCDD	5.0E-16	2.0E-15	2.1E-13	2.7E-14	9.7E-20
1,2,3,6,7,8-HxCDF	6.4E-16	2.5E-15	2.7E-13	3.4E-14	1.2E-19
1,2,3,7,8,9-HxCDD	7.9E-16	3.1E-15	3.2E-13	4.1E-14	1.5E-19
1,2,3,7,8,9-HxCDF	4.6E-17	1.8E-16	2.1E-14	2.6E-15	8.8E-21

Table H-370 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	2.8E-16	1.1E-15	1.3E-13	1.6E-14	5.4E-20
1,2,3,7,8-PeCDF	3.3E-16	1.3E-15	1.8E-13	2.3E-14	6.3E-20
2,3,4,6,7,8-HxCDF	1.0E-15	3.9E-15	4.2E-13	5.2E-14	1.9E-19
2,3,4,7,8-PeCDF	7.8E-16	3.1E-15	4.1E-13	5.2E-14	1.5E-19
2,3,7,8-TCDD	5.5E-17	2.2E-16	5.2E-14	6.5E-15	7.4E-18
2,3,7,8-TCDF	1.0E-16	4.0E-16	1.9E-13	2.4E-14	2.0E-20
OCDD	1.5E-15	5.8E-15	5.6E-13	7.0E-14	2.8E-19
OCDF	5.7E-16	2.2E-15	2.1E-13	2.6E-14	1.1E-19
HCN					
Hydrogen cyanide			1.6E-07	2.0E-08	
Metals					
Aluminum		1.0E-02			5.0E-07
Antimony		3.8E-07	1.0E-08	1.3E-09	1.8E-11
Arsenic	3.6E-07	8.5E-07	5.9E-10	7.4E-11	6.9E-11
Barium		4.4E-09	1.3E-07	1.6E-08	2.1E-13
Beryllium		1.0E-15	4.3E-11	5.4E-12	5.1E-20
Cadmium		8.2E-16	7.6E-10	9.5E-11	4.0E-20
Chromium		9.6E-11	6.5E-09	8.1E-10	4.7E-15
Cobalt		2.6E-05	9.8E-09	1.2E-09	1.3E-09
Copper		4.5E-10	1.8E-08	2.2E-09	2.2E-14
Iron		2.3E-02			1.1E-06
Lead		1.1E-04	6.0E-09	7.5E-10	5.2E-09

Table H-370 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Manganese		8.0E-13	5.5E-09	6.8E-10	3.9E-17
Mercury (+2)		6.4E-14	2.4E-11	2.9E-12	3.1E-18
Mercury, elemental		1.7E-06	9.8E-14	1.2E-14	3.3E-06
Methyl Mercury		3.8E-15			1.9E-19
Nickel		5.6E-04	3.5E-09	4.3E-10	2.7E-08
Phosphorus		7.5E-15	2.6E-08	3.3E-09	7.2E-14
Selenium		4.0E-17	1.7E-10	2.2E-11	2.0E-21
Silver		8.5E-13	1.1E-10	1.4E-11	4.2E-17
Titanium		8.0E-15	6.1E-11	7.6E-12	3.9E-19
Zinc		1.8E-13	1.4E-07	1.7E-08	9.0E-18
NOx					
NOx (Oxides of Nitrogen)			1.6E-06	2.0E-07	
PAHs					
1-Methylnaphthalene	2.4E-16	2.2E-16	3.3E-08	4.1E-09	2.5E-16
1-Methylphenanthrene		1.5E-13	3.9E-09	4.9E-10	7.1E-18
2,3,5-Trimethylnaphthalene		6.8E-14	1.9E-09	2.4E-10	3.3E-18
2,6-Dimethylnaphthalene		1.9E-13	5.1E-09	6.4E-10	9.1E-18
2-Methylnaphthalene	2.3E-16	2.1E-16	3.2E-08	4.0E-09	2.4E-16
Acenaphthylene		6.0E-13	1.9E-08	2.4E-09	2.9E-17
Acenaphthene			3.5E-09	4.3E-10	
Anthracene			6.1E-09	7.6E-10	
Benzo(a)anthracene	2.2E-08	2.0E-08	3.0E-09	3.7E-10	3.0E-10

Table H-370 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(a)pyrene	2.6E-08	2.4E-08	1.2E-09	1.5E-10	1.2E-12
Benzo(b)fluoranthene	4.7E-08	4.2E-08	1.3E-09	1.6E-10	2.1E-12
Benzo(e)pyrene		3.4E-14	1.0E-09	1.3E-10	1.7E-18
Benzo(g,h,i)perylene		2.5E-14	7.7E-10	9.6E-11	1.2E-18
Benzo(k)fluoranthene	3.5E-08	3.2E-08	1.2E-11	1.5E-12	1.6E-12
Biphenyl		3.3E-15	1.1E-07	1.4E-08	2.0E-15
Chrysene	2.7E-08	2.5E-08	5.1E-09	6.4E-10	1.2E-12
Dibenze(a,h)anthracene	3.4E-13	3.1E-13	1.9E-10	2.3E-11	1.5E-17
Fluoranthene	6.8E-14	6.1E-14	7.5E-09	9.4E-10	3.0E-18
Fluorene			1.9E-08	2.3E-09	
Indeno(1,2,3-cd)pyrene	1.1E-08	1.0E-08	6.2E-10	7.7E-11	5.0E-13
Napthalene			1.5E-07	1.9E-08	
Perylene		1.3E-14	4.6E-10	5.8E-11	6.5E-19
Phenanthrene			3.5E-08	4.4E-09	
Pyrene	2.8E-13	2.5E-13	7.3E-09	9.1E-10	7.1E-15
Particulate					
Particulate Total Suspended Particulate		3.0E-09	2.3E-05	2.9E-06	1.5E-13
PM<10		3.8E-09	3.1E-05	3.9E-06	1.9E-13
PM<2.5		3.2E-09	2.6E-05	3.3E-06	1.6E-13
PCBs					
Dichlorobiphenyl	9.9E-16	8.3E-16	9.3E-11	1.2E-11	7.8E-17
Heptachlorobiphenyl	1.2E-16	9.8E-17	1.3E-12	1.6E-13	5.0E-18

Table H-370 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Hexachlorobiphenyl	5.2E-16	4.4E-16	5.3E-12	6.7E-13	2.3E-17
Monochlorobiphenyl	6.9E-15	5.8E-15	6.5E-10	8.1E-11	5.4E-16
Nonachlorobiphenyl	2.0E-17	1.7E-17	1.8E-13	2.2E-14	8.8E-19
Octachlorobiphenyl	3.8E-17	3.2E-17	3.9E-13	4.9E-14	1.6E-18
Pentachlorobiphenyl	1.9E-15	1.6E-15	1.8E-11	2.3E-12	8.1E-17
Tetrachlorobiphenyl	3.8E-16	3.2E-16	3.0E-11	3.8E-12	3.0E-17
Trichlorobiphenyl	4.5E-16	3.8E-16	3.8E-11	4.8E-12	3.6E-17
Pesticides					
Chlordecone (Kepone)	1.3E-06	1.5E-06			7.3E-11
DDE		2.1E-07			6.5E-09
SVOCs					
1,2,4-trichlorobenzene			2.7E-10	3.4E-11	
1,2-dichlorobenzene			1.1E-10	1.4E-11	
1,3-Butadiene			2.2E-05		
1,3-dichlorobenzene			1.6E-10	2.0E-11	
1,4-dichlorobenzene			1.5E-09	1.9E-10	
2,4-Dimethylphenol			2.4E-08	3.0E-09	
2-Chlorophenol			4.7E-09	5.9E-10	
2-Methylphenol			5.6E-08	7.0E-09	
2-Nitrophenol			7.6E-09	9.4E-10	
3-Methylphenol & 4-Methylphenol		3.7E-12	1.0E-07	1.3E-08	1.8E-16
4-Nitrophenol			1.3E-08	1.6E-09	

Table H-370 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acetophenone			1.2E-07	1.5E-08	
Benzoic acid			5.4E-07	6.7E-08	
Benzyl alcohol			4.5E-09	5.6E-10	
bis(2-Ethylhexyl) phthalate	6.7E-12	8.0E-12	1.9E-07	2.4E-08	3.9E-16
Butyl benzyl phthalate	3.3E-15	3.8E-15	6.0E-09	7.5E-10	1.9E-19
Carbazole		1.4E-14	1.7E-10	2.1E-11	6.9E-19
Dibenzofuran	1.4E-16	5.7E-16	9.5E-09	1.2E-09	2.4E-16
Dimethyl phthalate			3.3E-10	4.2E-11	
Di-n-butyl phthalate	3.3E-15	3.9E-15	9.2E-09	1.1E-09	1.9E-19
Di-n-octyl phthalate	9.4E-15	1.1E-14	6.4E-10	8.0E-11	5.5E-19
Hexachlorobutadiene			4.4E-08	5.5E-09	
Isopropanol			3.4E-04		
Phenol			3.0E-07	3.8E-08	
Pyridine			2.9E-08	3.6E-09	
TRS					
Total Reduced Sulfur			2.9E-07	3.6E-08	
VOCs					
1,1,1,2-Tetrachloroethane			1.3E-10	1.7E-11	
1,1,1-Trichloroethane			1.3E-10	1.7E-11	
1,1-Dichloroethene			2.6E-11	3.2E-12	
1,2,3-Trichlorobenzene			5.3E-10	6.7E-11	
1,2,3-Trichloropropane			1.1E-10	1.4E-11	

Table H-370 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,4-Trimethylbenzene			6.2E-09	7.8E-10	
1,2-Dibromoethane			6.9E-11	8.6E-12	
1,2-Dichloroethane			2.8E-09	1.0E-06	
1,3,5-Trimethylbenzene			5.9E-09	7.3E-10	
1,3-Dichloropropane			6.7E-11	8.4E-12	
2-Butanone			3.3E-08	4.1E-09	
2-Chlorotoluene			1.5E-09	1.8E-10	
2-Hexanone			6.8E-09	8.4E-10	
Benzene			8.4E-05	9.7E-06	
Bromobenzene			3.7E-08	4.7E-09	
Bromochloromethane			8.8E-11	1.1E-11	
Bromodichloromethane			9.5E-11	1.2E-11	
Bromomethane			3.8E-09	4.8E-10	
Carbon disulfide			3.3E-09	4.2E-10	
Carbon tetrachloride			1.5E-04	1.5E-05	
Chlorobenzene			4.8E-09	6.0E-10	
Chlorodibromomethane			2.4E-09	3.0E-10	
Chloroethane			9.1E-09	1.1E-09	
Chloroform			2.2E-05	2.4E-06	
Chloromethane			3.1E-08	3.9E-09	
cis-1,2-Dichloroethene			4.0E-09	5.0E-10	
cis-1,3-Dichloropropene			2.4E-11	3.0E-12	

Table H-370 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibromomethane			2.0E-10	2.5E-11	
Dichlorodifluoromethane			2.5E-10	3.1E-11	
Ethylbenzene			2.7E-05	2.4E-08	
Isopropylbenzene			1.6E-08	2.0E-09	
m&p-Xylene			3.6E-08	4.6E-09	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.6E-10	4.5E-11	
Methylene chloride			1.8E-08	2.3E-09	
n-Butylbenzene			7.8E-09	9.7E-10	
n-Propylbenzene			9.4E-09	1.2E-09	
o-Xylene			2.3E-08	2.9E-09	
p-Chlorotoluene			5.5E-10	6.9E-11	
p-Isopropyltoluene			3.8E-09	4.8E-10	
sec-Butylbenzene			1.4E-09	1.8E-10	
Styrene			5.1E-07	6.4E-08	
tert-Butylbenzene			4.6E-08	5.7E-09	
Tetrachloroethene			1.2E-10	1.5E-11	
Toluene			3.2E-07	3.9E-08	
trans-1,2-Dichloroethene			8.4E-08	1.1E-08	
trans-1,3-Dichloropropene			4.2E-11	5.3E-12	
Trichloroethene			7.3E-12	9.1E-13	
Trichlorofluoromethane			8.7E-11	1.1E-11	
Vinyl chloride			5.0E-09	6.2E-10	

Table H-371 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						7.2E-05	1.7E-04	9.0E-06	9.0E-06		
Aldehydes											
Acetaldehyde	7.9E-15					1.2E-04	2.9E-04	1.6E-05	1.6E-05		
Formaldehyde	3.9E-14					2.7E-01	1.2E-04	6.6E-06	6.6E-06		
Propionaldehyde				1.9E-16	5.4E-16	1.4E-05	3.1E-05	1.7E-06	1.7E-06	1.4E-12	8.9E-12
CO											
Carbon monoxide						3.8E-03	8.8E-03	4.8E-04	4.8E-04		
CO2											
Carbon dioxide						1.2E-04	2.8E-04	1.5E-05	1.5E-05		
Criteria											
Sulfur Dioxide						3.2E-05	7.5E-05	4.1E-06	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.1E-19	1.1E-16	1.5E-16	4.2E-16	1.2E-15	7.3E-11	1.7E-10	9.1E-12	9.1E-12	2.1E-17	1.3E-16
1,2,3,4,6,7,8-HpCDF	1.0E-19	1.1E-16	1.5E-16	4.2E-16	1.2E-15	7.3E-11	1.7E-10	9.2E-12	9.2E-12	2.1E-17	1.3E-16
1,2,3,4,7,8,9-HpCDF	1.6E-20	1.2E-17	1.7E-17	4.9E-17	1.4E-16	9.3E-12	2.1E-11	1.2E-12	1.2E-12	2.4E-18	1.5E-17
1,2,3,4,7,8-HxCDD	1.2E-19	1.2E-17	1.7E-17	4.8E-17	1.3E-16	8.7E-12	2.0E-11	1.1E-12	1.1E-12	2.3E-18	1.4E-17
1,2,3,4,7,8-HxCDF	8.2E-19	9.6E-17	1.3E-16	3.8E-16	1.1E-15	7.1E-11	1.6E-10	8.9E-12	8.9E-12	1.9E-17	1.1E-16
1,2,3,6,7,8-HxCDD	2.3E-19	2.5E-17	3.4E-17	9.7E-17	2.7E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	4.8E-18	2.9E-17
1,2,3,6,7,8-HxCDF	3.0E-19	3.1E-17	4.4E-17	1.2E-16	3.5E-16	2.3E-11	5.3E-11	2.9E-12	2.9E-12	6.1E-18	3.7E-17
1,2,3,7,8,9-HxCDD	3.3E-19	3.9E-17	5.4E-17	1.5E-16	4.3E-16	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.5E-18	4.6E-17
1,2,3,7,8,9-HxCDF	2.5E-20	2.2E-18	3.1E-18	8.9E-18	2.5E-17	1.8E-12	4.1E-12	2.2E-13	2.2E-13	4.3E-19	2.7E-18
1,2,3,7,8-PeCDD	6.3E-19	1.4E-17	1.9E-17	5.4E-17	1.5E-16	1.1E-11	2.6E-11	1.4E-12	1.4E-12	2.6E-18	1.6E-17
1,2,3,7,8-PeCDF	8.8E-19	1.6E-17	2.2E-17	6.3E-17	1.8E-16	1.6E-11	3.6E-11	2.0E-12	2.0E-12	3.1E-18	1.9E-17

Table H-371 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	4.4E-19	4.9E-17	6.9E-17	1.9E-16	5.4E-16	3.6E-11	8.2E-11	4.5E-12	4.5E-12	9.5E-18	5.8E-17
2,3,4,7,8-PeCDF	1.4E-18	3.8E-17	5.4E-17	1.5E-16	4.2E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	7.4E-18	4.6E-17
2,3,7,8-TCDD	2.1E-19	2.8E-18	3.9E-18	1.1E-17	3.1E-17	4.4E-12	1.0E-11	5.6E-13	5.6E-13	3.7E-16	2.3E-15
2,3,7,8-TCDF	6.9E-19	5.1E-18	7.1E-18	2.0E-17	5.6E-17	1.6E-11	3.8E-11	2.0E-12	2.0E-12	9.8E-19	6.0E-18
OCDD	1.4E-21	7.2E-17	1.0E-16	2.8E-16	8.0E-16	4.8E-11	1.1E-10	6.0E-12	6.0E-12	1.4E-17	8.6E-17
OCDF	5.3E-22	2.8E-17	3.9E-17	1.1E-16	3.1E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.4E-18	3.3E-17
HCN											
Hydrogen cyanide						1.4E-05	3.1E-05	1.7E-06	1.7E-06		
Metals											
Aluminum				8.8E-04	1.7E-03					4.3E-05	1.8E-04
Antimony	1.3E-18			3.2E-08	1.2E-07	8.9E-07	2.1E-06	1.1E-07	1.1E-07	1.6E-09	1.3E-08
Arsenic	7.0E-17	3.1E-08	2.0E-08	7.3E-08	9.3E-08	5.1E-08	1.2E-07	6.4E-09	6.4E-09	5.9E-09	1.7E-08
Barium	1.9E-13			2.3E-10	6.6E-10	1.1E-05	2.5E-05	1.3E-06	1.3E-06	1.1E-11	7.1E-11
Beryllium	2.8E-18			9.0E-17	2.5E-16	3.7E-09	8.5E-09	4.6E-10	4.6E-10	4.4E-18	2.7E-17
Cadmium	7.2E-16			7.0E-17	2.0E-16	6.5E-08	1.5E-07	8.1E-09	8.1E-09	3.4E-18	2.1E-17
Chromium	2.1E-16			6.1E-12	1.7E-11	5.5E-07	1.3E-06	6.9E-08	6.9E-08	3.0E-13	1.8E-12
Cobalt				2.3E-06	3.2E-06	8.4E-07	1.9E-06	1.1E-07	1.1E-07	1.1E-07	3.4E-07
Copper				2.5E-11	7.0E-11	1.5E-06	3.5E-06	1.9E-07	1.9E-07	1.2E-12	7.5E-12
Iron				1.9E-03	3.2E-03					9.6E-05	3.5E-04
Lead	5.9E-19			9.2E-06	2.0E-05	5.1E-07	1.2E-06	6.4E-08	6.4E-08	4.5E-07	2.1E-06
Manganese				6.8E-14	1.9E-13	4.7E-07	1.1E-06	5.8E-08	5.8E-08	3.3E-15	2.1E-14
Mercury (+2)				2.8E-15	7.7E-15	2.0E-09	4.7E-09	2.5E-10	2.5E-10	1.3E-16	8.3E-16
Mercury, elemental				1.5E-07	3.8E-09	8.4E-12	1.9E-11	1.1E-12	1.1E-12	2.8E-04	1.7E-03
Methyl Mercury	7.2E-16			1.6E-16	4.6E-16					8.0E-18	4.9E-17

Table H-371 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	2.8E-16			4.8E-05	6.1E-05	3.0E-07	6.9E-07	3.7E-08	3.7E-08	2.3E-06	6.6E-06
Phosphorus				6.4E-16	1.8E-15	2.3E-06	5.2E-06	2.8E-07	2.8E-07	6.2E-12	3.8E-11
Selenium	2.4E-17			3.5E-18	9.7E-18	1.5E-08	3.5E-08	1.9E-09	1.9E-09	1.7E-19	1.0E-18
Silver	1.7E-17			6.4E-14	1.8E-13	9.8E-09	2.3E-08	1.2E-09	1.2E-09	3.1E-15	1.9E-14
Thallium (Soluble Salts)					1.4E-08						1.6E-09
Titanium				6.9E-16	1.9E-15	5.2E-09	1.2E-08	6.5E-10	6.5E-10	3.4E-17	2.1E-16
Zinc	3.5E-13			1.6E-14	4.4E-14	1.2E-05	2.7E-05	1.5E-06	1.5E-06	7.7E-16	4.8E-15
NOx											
NOx (Oxides of Nitrogen)						1.3E-04	3.1E-04	1.7E-05	1.7E-05		
PAHs											
1-Methylnaphthalene		2.0E-17	2.9E-17	1.9E-17	5.2E-17	2.8E-06	6.5E-06	3.5E-07	3.5E-07	2.1E-14	1.3E-13
1-Methylphenanthrene				1.2E-14	3.5E-14	3.4E-07	7.8E-07	4.2E-08	4.2E-08	6.1E-16	3.8E-15
2,3,5-Trimethylnaphthalene				5.8E-15	1.6E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	2.9E-16	1.8E-15
2,6-Dimethylnaphthalene				1.6E-14	4.5E-14	4.4E-07	1.0E-06	5.5E-08	5.5E-08	7.8E-16	4.8E-15
2-Methylnaphthalene		2.0E-17	2.8E-17	1.8E-17	5.0E-17	2.7E-06	6.3E-06	3.4E-07	3.4E-07	2.1E-14	1.3E-13
Acenaphthylene				5.1E-14	1.4E-13	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.5E-15	1.5E-14
Acenaphthene	2.9E-16					3.0E-07	6.8E-07	3.7E-08	3.7E-08		
Anthracene	3.7E-15					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Benzo(a)anthracene	5.3E-13	1.9E-09	4.4E-08	1.7E-09	7.9E-08	2.6E-07	5.9E-07	3.2E-08	3.2E-08	2.6E-08	1.6E-07
Benzo(a)pyrene	2.6E-13	2.2E-09	4.8E-08	2.0E-09	8.8E-08	1.0E-07	2.3E-07	1.3E-08	1.3E-08	9.9E-11	9.5E-09
Benzo(b)fluoranthene	7.1E-14	4.0E-09	6.8E-08	3.6E-09	1.2E-07	1.1E-07	2.6E-07	1.4E-08	1.4E-08	1.8E-10	1.3E-08
Benzo(e)pyrene				2.9E-15	8.2E-15	8.6E-08	2.0E-07	1.1E-08	1.1E-08	1.4E-16	8.8E-16
Benzo(g,h,i)perylene				2.2E-15	6.0E-15	6.6E-08	1.5E-07	8.2E-09	8.2E-09	1.1E-16	6.5E-16
Benzo(k)fluoranthene	5.9E-16	3.0E-09	3.4E-08	2.8E-09	6.2E-08	1.0E-09	2.3E-09	1.2E-10	1.2E-10	1.3E-10	6.7E-09

Table H-371 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				2.9E-16	8.0E-16	9.5E-06	2.2E-05	1.2E-06	1.2E-06	1.7E-13	1.0E-12
Chrysene	9.1E-14	2.3E-09	4.9E-08	2.1E-09	8.9E-08	4.4E-07	1.0E-06	5.5E-08	5.5E-08	1.0E-10	9.6E-09
Dibenze(a,h)anthracene	1.3E-14	2.6E-14	1.2E-08	2.3E-14	2.2E-08	1.6E-08	3.7E-08	2.0E-09	2.0E-09	1.1E-15	2.3E-09
Fluoranthene	2.4E-14	5.4E-15	7.6E-15	5.0E-15	1.4E-14	6.4E-07	1.5E-06	8.0E-08	8.0E-08	2.4E-16	1.5E-15
Fluorene	5.2E-15					1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Indeno(1,2,3-cd)pyrene	3.3E-14	9.7E-10	3.1E-08	8.8E-10	5.7E-08	5.3E-08	1.2E-07	6.6E-09	6.6E-09	4.3E-11	6.1E-09
Napthalene	2.4E-15					1.3E-05	2.9E-05	1.6E-06	1.6E-06		
Perylene				1.1E-15	3.2E-15	4.0E-08	9.1E-08	4.9E-09	4.9E-09	5.5E-17	3.4E-16
Phenanthrene	2.5E-14					3.0E-06	6.9E-06	3.8E-07	3.8E-07		
Pyrene	1.7E-14	1.8E-14	2.6E-14	1.7E-14	4.7E-14	6.3E-07	1.4E-06	7.8E-08	7.8E-08	4.7E-13	2.9E-12
Particulate											
Particulate Total Suspended Particulate				2.6E-10	7.2E-10	2.0E-03	4.6E-03	2.5E-04	2.5E-04	1.3E-11	7.7E-11
PM<10				3.3E-10	9.2E-10	2.6E-03	6.1E-03	3.3E-04	3.3E-04	1.6E-11	9.9E-11
PM<2.5				2.7E-10	7.6E-10	2.3E-03	5.2E-03	2.8E-04	2.8E-04	1.3E-11	8.2E-11
PCBs											
Dichlorobiphenyl	5.2E-16	4.9E-17	6.9E-17	4.2E-17	1.2E-16	8.0E-09	1.8E-08	9.9E-10	9.9E-10	3.9E-15	2.4E-14
Heptachlorobiphenyl	2.0E-17	5.7E-18	8.0E-18	4.8E-18	1.4E-17	1.1E-10	2.5E-10	1.4E-11	1.4E-11	2.5E-16	1.5E-15
Hexachlorobiphenyl	8.0E-17	2.6E-17	3.6E-17	2.2E-17	6.1E-17	4.6E-10	1.1E-09	5.7E-11	5.7E-11	1.1E-15	6.8E-15
Monochlorobiphenyl	3.6E-15	3.4E-16	4.8E-16	2.9E-16	8.1E-16	5.5E-08	1.3E-07	6.9E-09	6.9E-09	2.7E-14	1.7E-13
Nonachlorobiphenyl	2.5E-18	1.0E-18	1.4E-18	8.5E-19	2.4E-18	1.5E-11	3.6E-11	1.9E-12	1.9E-12	4.3E-17	2.7E-16
Octachlorobiphenyl	5.8E-18	1.9E-18	2.6E-18	1.6E-18	4.4E-18	3.3E-11	7.7E-11	4.2E-12	4.2E-12	8.0E-17	4.9E-16
Pentachlorobiphenyl	2.6E-16	9.3E-17	1.3E-16	7.9E-17	2.2E-16	1.6E-09	3.6E-09	2.0E-10	2.0E-10	4.0E-15	2.5E-14
Tetrachlorobiphenyl	1.6E-16	1.9E-17	2.6E-17	1.6E-17	4.5E-17	2.6E-09	6.0E-09	3.2E-10	3.2E-10	1.5E-15	9.2E-15
Trichlorobiphenyl	2.0E-16	2.3E-17	3.2E-17	1.9E-17	5.4E-17	3.3E-09	7.6E-09	4.1E-10	4.1E-10	1.8E-15	1.1E-14

Table H-371 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
Chlordecone (Kepone)		1.1E-07		1.3E-07						6.3E-09	
DDE				1.8E-08	1.9E-08					5.6E-07	3.4E-06
Dieldrin			8.5E-10		2.0E-09						2.2E-10
SVOCs											
1,2,4-trichlorobenzene						2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2-dichlorobenzene	2.4E-19					9.3E-09	2.2E-08	1.2E-09	1.2E-09		
1,3-Butadiene						1.9E-03					
1,3-dichlorobenzene	5.9E-19					1.4E-08	3.2E-08	1.7E-09	1.7E-09		
1,4-dichlorobenzene	7.9E-18					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
2,4-Dimethylphenol	2.2E-16					2.0E-06	4.7E-06	2.5E-07	2.5E-07		
2-Chlorophenol	1.1E-17					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
2-Methylphenol	4.5E-15					4.8E-06	1.1E-05	6.0E-07	6.0E-07		
2-Nitrophenol	2.7E-17					6.5E-07	1.5E-06	8.1E-08	8.1E-08		
3-Methylphenol & 4-Methylphenol				3.2E-13	8.8E-13	8.6E-06	2.0E-05	1.1E-06	1.1E-06	1.5E-14	9.5E-14
4-Nitrophenol	5.6E-17					1.1E-06	2.5E-06	1.3E-07	1.3E-07		
Acetophenone	3.4E-16					1.0E-05	2.3E-05	1.3E-06	1.3E-06		
Benzoic acid	1.4E-15					4.6E-05	1.1E-04	5.8E-06	5.8E-06		
Benzyl alcohol	8.4E-19					3.9E-07	8.9E-07	4.8E-08	4.8E-08		
bis(2-Ethylhexyl) phthalate	4.2E-14	5.8E-13	8.0E-13	6.8E-13	1.9E-12	1.6E-05	3.8E-05	2.0E-06	2.0E-06	3.3E-14	2.1E-13
Butyl benzyl phthalate	1.5E-14	2.8E-16	3.9E-16	3.3E-16	9.2E-16	5.1E-07	1.2E-06	6.4E-08	6.4E-08	1.6E-17	1.0E-16
Carbazole				1.2E-15	3.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	5.9E-17	3.6E-16
Dibenzofuran		1.2E-17	1.7E-17	4.8E-17	1.4E-16	8.2E-07	1.9E-06	1.0E-07	1.0E-07	2.1E-14	1.3E-13
Dimethyl phthalate	5.5E-18					2.9E-08	6.6E-08	3.6E-09	3.6E-09		

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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-butyl phthalate	1.4E-13	2.8E-16	3.9E-16	3.3E-16	9.2E-16	7.9E-07	1.8E-06	9.8E-08	9.8E-08	1.6E-17	9.9E-17
Di-n-octyl phthalate	1.1E-18	8.1E-16	1.1E-15	9.5E-16	2.7E-15	5.5E-08	1.3E-07	6.9E-09	6.9E-09	4.7E-17	2.9E-16
Hexachlorobutadiene	5.8E-16					3.8E-06	8.8E-06	4.8E-07	4.8E-07		
Isopropanol						2.9E-02	1.9E-01				
p-Chloroaniline			2.8E-08		6.6E-08						7.2E-09
Phenol	1.3E-14					2.6E-05	6.0E-05	3.2E-06	3.2E-06		
Pyridine	6.6E-16					2.4E-06	5.7E-06	3.1E-07	3.1E-07		
TRS											
Total Reduced Sulfur						2.5E-05	5.8E-05	3.1E-06	3.1E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.3E-19					1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,1,1-Trichloroethane	1.5E-20					1.1E-08	2.6E-08	1.4E-09	1.4E-09		
1,1-Dichloroethene	5.1E-22					2.2E-09	5.1E-09	2.8E-10	2.8E-10		
1,2,3-Trichlorobenzene	1.6E-17					4.6E-08	1.1E-07	5.7E-09	5.7E-09		
1,2,3-Trichloropropane	9.3E-20					9.3E-09	2.1E-08	1.2E-09	1.2E-09		
1,2,4-Trimethylbenzene						5.3E-07	1.2E-06	6.7E-08	6.7E-08		
1,2-Dibromoethane	3.2E-20					5.9E-09	1.4E-08	7.4E-10	7.4E-10		
1,2-Dichloroethane	1.0E-18					2.4E-07	3.8E-03	8.6E-05	8.6E-05		
1,3,5-Trimethylbenzene	5.2E-18					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
1,3-Dichloropropane						5.7E-09	1.3E-08	7.2E-10	7.2E-10		
2-Butanone	2.1E-16					2.8E-06	6.5E-06	3.5E-07	3.5E-07		
2-Chlorotoluene						1.3E-07	2.9E-07	1.6E-08	1.6E-08		
2-Hexanone						5.8E-07	1.3E-06	7.2E-08	7.2E-08		
Benzene	1.7E-16					7.2E-03	2.3E-02	8.3E-04	8.3E-04		

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Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Bromobenzene						3.2E-06	7.4E-06	4.0E-07	4.0E-07		
Bromochloromethane						7.6E-09	1.7E-08	9.4E-10	9.4E-10		
Bromodichloromethane	2.7E-20					8.2E-09	2.9E-02	1.0E-09	1.0E-09		
Bromoform							1.3E-01				
Bromomethane	1.1E-19					3.3E-07	7.5E-07	4.1E-08	4.1E-08		
Carbon disulfide	1.1E-19					2.9E-07	6.6E-07	3.6E-08	3.6E-08		
Carbon tetrachloride	1.2E-20					1.3E-02	3.3E-02	1.3E-03	1.3E-03		
Chlorobenzene	4.0E-18					4.1E-07	9.5E-07	5.2E-08	5.2E-08		
Chlorodibromomethane	1.6E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
Chloroethane	3.2E-19					7.8E-07	1.8E-06	9.8E-08	9.8E-08		
Chloroform	2.4E-19					1.9E-03	6.8E-02	2.1E-04	2.1E-04		
Chloromethane	8.4E-19					2.7E-06	6.1E-06	3.3E-07	3.3E-07		
cis-1,2-Dichloroethene	3.3E-19					3.4E-07	7.9E-07	4.3E-08	4.3E-08		
cis-1,3-Dichloropropene						2.1E-09	4.8E-09	2.6E-10	2.6E-10		
Dibromomethane	3.6E-20					1.7E-08	4.0E-08	2.2E-09	2.2E-09		
Dichlorodifluoromethane	4.0E-22					2.1E-08	4.9E-08	2.7E-09	2.7E-09		
Ethylbenzene	1.3E-16					2.3E-03	1.9E-02	2.1E-06	2.1E-06		
Isopropylbenzene	1.7E-19					1.4E-06	3.1E-06	1.7E-07	1.7E-07		
m&p-Xylene	2.0E-17					3.1E-06	7.2E-06	3.9E-07	3.9E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.1E-19					3.1E-08	7.1E-08	3.8E-09	3.8E-09		
Methylene chloride	2.2E-18					1.5E-06	3.6E-06	1.9E-07	1.9E-07		
n-Butylbenzene						6.7E-07	1.5E-06	8.3E-08	8.3E-08		
n-Propylbenzene						8.0E-07	1.9E-06	1.0E-07	1.0E-07		
o-Xylene	2.4E-17					2.0E-06	4.5E-06	2.5E-07	2.5E-07		

Table H-371 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
p-Chlorotoluene						4.8E-08	1.1E-07	5.9E-09	5.9E-09		
p-Isopropyltoluene						3.3E-07	7.6E-07	4.1E-08	4.1E-08		
sec-Butylbenzene						1.2E-07	2.8E-07	1.5E-08	1.5E-08		
Styrene	8.0E-16					4.4E-05	1.0E-04	5.5E-06	5.5E-06		
tert-Butylbenzene						3.9E-06	9.0E-06	4.9E-07	4.9E-07		
Tetrachloroethene	5.7E-20					1.0E-08	2.4E-08	1.3E-09	1.3E-09		
Toluene	1.3E-16					2.7E-05	6.2E-05	3.4E-06	3.4E-06		
trans-1,2-Dichloroethene	5.0E-18					7.2E-06	1.7E-05	9.1E-07	9.1E-07		
trans-1,3-Dichloropropene						3.6E-09	8.4E-09	4.5E-10	4.5E-10		
Trichloroethene	5.8E-22					6.2E-10	3.8E-02	7.8E-11	7.8E-11		
Trichlorofluoromethane	9.0E-22					7.5E-09	1.7E-08	9.4E-10	9.4E-10		
Vinyl chloride	4.1E-20					4.2E-07	9.8E-07	5.3E-08	5.3E-08		

Table H-372 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					3.2E-03	1.4E-06	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19	
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19	
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18	
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19	
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19	
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19	
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20	
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19	
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19	

Table H-372 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.0E-02	2.0E-02					5.0E-07	2.1E-06
Antimony	1.6E-17			3.8E-07	1.4E-06	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.8E-11	1.5E-10
Arsenic	8.1E-16	3.6E-07	2.3E-07	8.5E-07	1.1E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	6.9E-11	2.0E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				2.6E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.3E-09	4.0E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				2.3E-02	3.7E-02					1.1E-06	4.0E-06
Lead	6.9E-18			1.1E-04	2.3E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.2E-09	2.5E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				1.7E-06	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	3.3E-06	2.0E-05
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18

Table H-372 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	7.1E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.7E-08	7.7E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Thallium (Soluble Salts)					1.7E-07						1.8E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	2.2E-08	5.1E-07	2.0E-08	9.3E-07	3.0E-09	6.9E-09	3.7E-10	3.7E-10	3.0E-10	1.9E-09
Benzo(a)pyrene	3.1E-12	2.6E-08	5.6E-07	2.4E-08	1.0E-06	1.2E-09	2.7E-09	1.5E-10	1.5E-10	1.2E-12	1.1E-10
Benzo(b)fluoranthene	8.3E-13	4.7E-08	7.9E-07	4.2E-08	1.4E-06	1.3E-09	3.0E-09	1.6E-10	1.6E-10	2.1E-12	1.5E-10
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	3.5E-08	4.0E-07	3.2E-08	7.2E-07	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.6E-12	7.8E-11

Table H-372 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.7E-08	5.7E-07	2.5E-08	1.0E-06	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.2E-12	1.1E-10
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	1.4E-07	3.1E-13	2.5E-07	1.9E-10	4.3E-10	2.3E-11	2.3E-11	1.5E-17	2.7E-11
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.1E-08	3.6E-07	1.0E-08	6.6E-07	6.2E-10	1.4E-09	7.7E-11	7.7E-11	5.0E-13	7.1E-11
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16

Table H-372 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
Chlordecone (Kepone)		1.3E-06		1.5E-06						7.3E-11	
DDE				2.1E-07	2.2E-07					6.5E-09	4.0E-08
Dieldrin			1.0E-08		2.4E-08						2.5E-12
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						2.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		

Table H-372 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						3.4E-04	2.3E-03				
p-Chloroaniline			3.3E-07		7.7E-07						8.4E-11
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	4.4E-05	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.4E-05	2.7E-04	9.7E-06	9.7E-06		

Table H-372 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09				
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11				
Bromodichloromethane	3.1E-19					9.5E-11	3.4E-04	1.2E-11	1.2E-11				
Bromoform							1.5E-03						
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10				
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10				
Carbon tetrachloride	1.3E-19					1.5E-04	3.9E-04	1.5E-05	1.5E-05				
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10				
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10				
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09				
Chloroform	2.8E-18					2.2E-05	7.9E-04	2.4E-06	2.4E-06				
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09				
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10				
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12				
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11				
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11				
Ethylbenzene	1.5E-15					2.7E-05	2.2E-04	2.4E-08	2.4E-08				
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09				
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09				
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11				
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09				
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10				
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09				
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09				

Table H-372 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09		
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11		
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08		
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08		
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12		
Trichloroethene	6.8E-21					7.3E-12	4.5E-04	9.1E-13	9.1E-13		
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11		
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10		

Table H-373 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						7.2E-05	1.7E-04	9.0E-06	9.0E-06		
Aldehydes											
Acetaldehyde	7.9E-15					1.2E-04	2.9E-04	1.6E-05	1.6E-05		
Formaldehyde	3.9E-14					2.7E-01	3.4E+00	6.6E-06	6.6E-06		
Propionaldehyde				1.9E-16	5.4E-16	1.4E-05	3.1E-05	1.7E-06	1.7E-06	1.4E-12	8.9E-12
CO											
Carbon monoxide						3.8E-03	8.8E-03	4.8E-04	4.8E-04		
CO2											
Carbon dioxide						1.2E-04	2.8E-04	1.5E-05	1.5E-05		
Criteria											
Sulfur Dioxide						3.2E-05	7.5E-05	4.1E-06	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.1E-19	1.1E-16	1.5E-16	4.2E-16	1.2E-15	7.3E-11	1.7E-10	9.1E-12	9.1E-12	2.1E-17	1.3E-16
1,2,3,4,6,7,8-HpCDF	1.0E-19	1.1E-16	1.5E-16	4.2E-16	1.2E-15	7.3E-11	1.7E-10	9.2E-12	9.2E-12	2.1E-17	1.3E-16
1,2,3,4,7,8,9-HpCDF	1.6E-20	1.2E-17	1.7E-17	4.9E-17	1.4E-16	9.3E-12	2.1E-11	1.2E-12	1.2E-12	2.4E-18	1.5E-17
1,2,3,4,7,8-HxCDD	1.2E-19	1.2E-17	1.7E-17	4.8E-17	1.3E-16	8.7E-12	2.0E-11	1.1E-12	1.1E-12	2.3E-18	1.4E-17
1,2,3,4,7,8-HxCDF	8.2E-19	9.6E-17	1.3E-16	3.8E-16	1.1E-15	7.1E-11	1.6E-10	8.9E-12	8.9E-12	1.9E-17	1.1E-16
1,2,3,6,7,8-HxCDD	2.3E-19	2.5E-17	3.4E-17	9.7E-17	2.7E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	4.8E-18	2.9E-17
1,2,3,6,7,8-HxCDF	3.0E-19	3.1E-17	4.4E-17	1.2E-16	3.5E-16	2.3E-11	5.3E-11	2.9E-12	2.9E-12	6.1E-18	3.7E-17
1,2,3,7,8,9-HxCDD	3.3E-19	3.9E-17	5.4E-17	1.5E-16	4.3E-16	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.5E-18	4.6E-17
1,2,3,7,8,9-HxCDF	2.5E-20	2.2E-18	3.1E-18	8.9E-18	2.5E-17	1.8E-12	4.1E-12	2.2E-13	2.2E-13	4.3E-19	2.7E-18
1,2,3,7,8-PeCDD	6.3E-19	1.4E-17	1.9E-17	5.4E-17	1.5E-16	1.1E-11	2.6E-11	1.4E-12	1.4E-12	2.6E-18	1.6E-17
1,2,3,7,8-PeCDF	8.8E-19	1.6E-17	2.2E-17	6.3E-17	1.8E-16	1.6E-11	3.6E-11	2.0E-12	2.0E-12	3.1E-18	1.9E-17

Table H-373 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	4.4E-19	4.9E-17	6.9E-17	1.9E-16	5.4E-16	3.6E-11	8.2E-11	4.5E-12	4.5E-12	9.5E-18	5.8E-17
2,3,4,7,8-PeCDF	1.4E-18	3.8E-17	5.4E-17	1.5E-16	4.2E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	7.4E-18	4.6E-17
2,3,7,8-TCDD	2.1E-19	2.8E-18	3.9E-18	1.1E-17	3.1E-17	4.4E-12	1.0E-11	5.6E-13	5.6E-13	3.7E-16	2.3E-15
2,3,7,8-TCDF	6.9E-19	5.1E-18	7.1E-18	2.0E-17	5.6E-17	1.6E-11	3.8E-11	2.0E-12	2.0E-12	9.8E-19	6.0E-18
OCDD	1.4E-21	7.2E-17	1.0E-16	2.8E-16	8.0E-16	4.8E-11	1.1E-10	6.0E-12	6.0E-12	1.4E-17	8.6E-17
OCDF	5.3E-22	2.8E-17	3.9E-17	1.1E-16	3.1E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.4E-18	3.3E-17
HCN											
Hydrogen cyanide						1.4E-05	3.1E-05	1.7E-06	1.7E-06		
Metals											
Aluminum				8.8E-04	2.0E-03					4.3E-05	2.2E-04
Antimony	1.3E-18			3.2E-08	4.1E-08	8.9E-07	2.1E-06	1.1E-07	1.1E-07	1.6E-09	4.4E-09
Arsenic	7.0E-17	3.1E-08	3.9E-08	7.3E-08	1.8E-07	5.1E-08	1.2E-07	6.4E-09	6.4E-09	5.9E-09	3.3E-08
Barium	1.9E-13			2.3E-10	6.6E-10	1.1E-05	2.5E-05	1.3E-06	1.3E-06	1.1E-11	7.1E-11
Beryllium	2.8E-18			9.0E-17	2.5E-16	3.7E-09	8.5E-09	4.6E-10	4.6E-10	4.4E-18	2.7E-17
Cadmium	7.2E-16			7.0E-17	2.0E-16	6.5E-08	1.5E-07	8.1E-09	8.1E-09	3.4E-18	2.1E-17
Chromium	2.1E-16			6.1E-12	1.7E-11	5.5E-07	1.3E-06	6.9E-08	6.9E-08	3.0E-13	1.8E-12
Cobalt				2.3E-06	3.2E-06	8.4E-07	1.9E-06	1.1E-07	1.1E-07	1.1E-07	3.4E-07
Copper				2.5E-11	7.0E-11	1.5E-06	3.5E-06	1.9E-07	1.9E-07	1.2E-12	7.5E-12
Iron				1.9E-03	3.4E-03					9.6E-05	3.7E-04
Lead	5.9E-19			9.2E-06	4.5E-06	5.1E-07	1.2E-06	6.4E-08	6.4E-08	4.5E-07	4.9E-07
Manganese				6.8E-14	1.9E-13	4.7E-07	1.1E-06	5.8E-08	5.8E-08	3.3E-15	2.1E-14
Mercury (+2)				2.8E-15	7.7E-15	2.0E-09	4.7E-09	2.5E-10	2.5E-10	1.3E-16	8.3E-16
Mercury, elemental				1.5E-07	2.3E-09	8.4E-12	1.9E-11	1.1E-12	1.1E-12	2.8E-04	1.7E-03
Methyl Mercury	7.2E-16			1.6E-16	4.6E-16					8.0E-18	4.9E-17

Table H-373 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	2.8E-16			4.8E-05	6.8E-05	3.0E-07	6.9E-07	3.7E-08	3.7E-08	2.3E-06	7.3E-06
Phosphorus				6.4E-16	1.8E-15	2.3E-06	5.2E-06	2.8E-07	2.8E-07	6.2E-12	3.8E-11
Selenium	2.4E-17			3.5E-18	9.7E-18	1.5E-08	3.5E-08	1.9E-09	1.9E-09	1.7E-19	1.0E-18
Silver	1.7E-17			6.4E-14	1.8E-13	9.8E-09	2.3E-08	1.2E-09	1.2E-09	3.1E-15	1.9E-14
Thallium (Soluble Salts)					1.2E-08						1.3E-09
Titanium				6.9E-16	1.9E-15	5.2E-09	1.2E-08	6.5E-10	6.5E-10	3.4E-17	2.1E-16
Zinc	3.5E-13			1.6E-14	4.4E-14	1.2E-05	2.7E-05	1.5E-06	1.5E-06	7.7E-16	4.8E-15
NOx											
NOx (Oxides of Nitrogen)						1.3E-04	3.1E-04	1.7E-05	1.7E-05		
PAHs											
1-Methylnaphthalene		2.0E-17	2.9E-17	1.9E-17	5.2E-17	2.8E-06	6.5E-06	3.5E-07	3.5E-07	2.1E-14	1.3E-13
1-Methylphenanthrene				1.2E-14	3.5E-14	3.4E-07	7.8E-07	4.2E-08	4.2E-08	6.1E-16	3.8E-15
2,3,5-Trimethylnaphthalene				5.8E-15	1.6E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	2.9E-16	1.8E-15
2,6-Dimethylnaphthalene				1.6E-14	4.5E-14	4.4E-07	1.0E-06	5.5E-08	5.5E-08	7.8E-16	4.8E-15
2-Methylnaphthalene		2.0E-17	2.8E-17	1.8E-17	5.0E-17	2.7E-06	6.3E-06	3.4E-07	3.4E-07	2.1E-14	1.3E-13
Acenaphthylene				5.1E-14	1.4E-13	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.5E-15	1.5E-14
Acenaphthene	2.9E-16					3.0E-07	6.8E-07	3.7E-08	3.7E-08		
Anthracene	3.7E-15					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Benzo(a)anthracene	5.3E-13	1.9E-09	2.2E-13	1.7E-09	3.9E-13	2.6E-07	5.9E-07	3.2E-08	3.2E-08	2.6E-08	1.6E-07
Benzo(a)pyrene	2.6E-13	2.2E-09	9.9E-14	2.0E-09	1.8E-13	1.0E-07	2.3E-07	1.3E-08	1.3E-08	9.9E-11	1.9E-14
Benzo(b)fluoranthene	7.1E-14	4.0E-09	5.7E-15	3.6E-09	1.0E-14	1.1E-07	2.6E-07	1.4E-08	1.4E-08	1.8E-10	1.1E-15
Benzo(e)pyrene				2.9E-15	8.2E-15	8.6E-08	2.0E-07	1.1E-08	1.1E-08	1.4E-16	8.8E-16
Benzo(g,h,i)perylene				2.2E-15	6.0E-15	6.6E-08	1.5E-07	8.2E-09	8.2E-09	1.1E-16	6.5E-16
Benzo(k)fluoranthene	5.9E-16	3.0E-09	7.1E-15	2.8E-09	1.3E-14	1.0E-09	2.3E-09	1.2E-10	1.2E-10	1.3E-10	1.4E-15

Table H-373 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				2.9E-16	8.0E-16	9.5E-06	2.2E-05	1.2E-06	1.2E-06	1.7E-13	1.0E-12
Chrysene	9.1E-14	2.3E-09	2.8E-13	2.1E-09	5.2E-13	4.4E-07	1.0E-06	5.5E-08	5.5E-08	1.0E-10	5.6E-14
Dibenze(a,h)anthracene	1.3E-14	2.6E-14	3.6E-14	2.3E-14	6.5E-14	1.6E-08	3.7E-08	2.0E-09	2.0E-09	1.1E-15	7.1E-15
Fluoranthene	2.4E-14	5.4E-15	7.6E-15	5.0E-15	1.4E-14	6.4E-07	1.5E-06	8.0E-08	8.0E-08	2.4E-16	1.5E-15
Fluorene	5.2E-15					1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Indeno(1,2,3-cd)pyrene	3.3E-14	9.7E-10	9.9E-14	8.8E-10	1.8E-13	5.3E-08	1.2E-07	6.6E-09	6.6E-09	4.3E-11	2.0E-14
Napthalene	2.4E-15					1.3E-05	2.9E-05	1.6E-06	1.6E-06		
Perylene				1.1E-15	3.2E-15	4.0E-08	9.1E-08	4.9E-09	4.9E-09	5.5E-17	3.4E-16
Phenanthrene	2.5E-14					3.0E-06	6.9E-06	3.8E-07	3.8E-07		
Pyrene	1.7E-14	1.8E-14	2.6E-14	1.7E-14	4.7E-14	6.3E-07	1.4E-06	7.8E-08	7.8E-08	4.7E-13	2.9E-12
Particulate											
Particulate Total Suspended Particulate				2.6E-10	7.2E-10	2.0E-03	4.6E-03	2.5E-04	2.5E-04	1.3E-11	7.7E-11
PM<10				3.3E-10	9.2E-10	2.6E-03	6.1E-03	3.3E-04	3.3E-04	1.6E-11	9.9E-11
PM<2.5				2.7E-10	7.6E-10	2.3E-03	5.2E-03	2.8E-04	2.8E-04	1.3E-11	8.2E-11
PCBs											
Dichlorobiphenyl	5.2E-16	4.9E-17	6.9E-17	4.2E-17	1.2E-16	8.0E-09	1.8E-08	9.9E-10	9.9E-10	3.9E-15	2.4E-14
Heptachlorobiphenyl	2.0E-17	5.7E-18	8.0E-18	4.8E-18	1.4E-17	1.1E-10	2.5E-10	1.4E-11	1.4E-11	2.5E-16	1.5E-15
Hexachlorobiphenyl	8.0E-17	2.6E-17	3.6E-17	2.2E-17	6.1E-17	4.6E-10	1.1E-09	5.7E-11	5.7E-11	1.1E-15	6.8E-15
Monochlorobiphenyl	3.6E-15	3.4E-16	4.8E-16	2.9E-16	8.1E-16	5.5E-08	1.3E-07	6.9E-09	6.9E-09	2.7E-14	1.7E-13
Nonachlorobiphenyl	2.5E-18	1.0E-18	1.4E-18	8.5E-19	2.4E-18	1.5E-11	3.6E-11	1.9E-12	1.9E-12	4.3E-17	2.7E-16
Octachlorobiphenyl	5.8E-18	1.9E-18	2.6E-18	1.6E-18	4.4E-18	3.3E-11	7.7E-11	4.2E-12	4.2E-12	8.0E-17	4.9E-16
Pentachlorobiphenyl	2.6E-16	9.3E-17	1.3E-16	7.9E-17	2.2E-16	1.6E-09	3.6E-09	2.0E-10	2.0E-10	4.0E-15	2.5E-14
Tetrachlorobiphenyl	1.6E-16	1.9E-17	2.6E-17	1.6E-17	4.5E-17	2.6E-09	6.0E-09	3.2E-10	3.2E-10	1.5E-15	9.2E-15
Trichlorobiphenyl	2.0E-16	2.3E-17	3.2E-17	1.9E-17	5.4E-17	3.3E-09	7.6E-09	4.1E-10	4.1E-10	1.8E-15	1.1E-14

Table H-373 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
Chlordecone (Kepone)		1.1E-07		1.3E-07						6.3E-09	
DDE				1.8E-08	6.7E-09					5.6E-07	3.4E-06
SVOCs											
1,2,4-trichlorobenzene						2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2-dichlorobenzene	2.4E-19					9.3E-09	2.2E-08	1.2E-09	1.2E-09		
1,3-Butadiene						1.9E-03					
1,3-dichlorobenzene	5.9E-19					1.4E-08	3.2E-08	1.7E-09	1.7E-09		
1,4-dichlorobenzene	7.9E-18					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
2,4-Dimethylphenol	2.2E-16					2.0E-06	4.7E-06	2.5E-07	2.5E-07		
2-Chlorophenol	1.1E-17					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
2-Methylphenol	4.5E-15					4.8E-06	1.1E-05	6.0E-07	6.0E-07		
2-Nitrophenol	2.7E-17					6.5E-07	1.5E-06	8.1E-08	8.1E-08		
3-Methylphenol & 4-Methylphenol				3.2E-13	8.8E-13	8.6E-06	2.0E-05	1.1E-06	1.1E-06	1.5E-14	9.5E-14
4-Nitrophenol	5.6E-17					1.1E-06	2.5E-06	1.3E-07	1.3E-07		
Acetophenone	3.4E-16					1.0E-05	2.3E-05	1.3E-06	1.3E-06		
Benzoic acid	1.4E-15					4.6E-05	1.1E-04	5.8E-06	5.8E-06		
Benzyl alcohol	8.4E-19					3.9E-07	8.9E-07	4.8E-08	4.8E-08		
bis(2-Ethylhexyl) phthalate	4.2E-14	5.8E-13	8.0E-13	6.8E-13	1.9E-12	1.6E-05	3.8E-05	2.0E-06	2.0E-06	3.3E-14	2.1E-13
Butyl benzyl phthalate	1.5E-14	2.8E-16	3.9E-16	3.3E-16	9.2E-16	5.1E-07	1.2E-06	6.4E-08	6.4E-08	1.6E-17	1.0E-16
Carbazole				1.2E-15	3.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	5.9E-17	3.6E-16
Dibenzofuran		1.2E-17	1.7E-17	4.8E-17	1.4E-16	8.2E-07	1.9E-06	1.0E-07	1.0E-07	2.1E-14	1.3E-13
Dimethyl phthalate	5.5E-18					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
Di-n-butyl phthalate	1.4E-13	2.8E-16	3.9E-16	3.3E-16	9.2E-16	7.9E-07	1.8E-06	9.8E-08	9.8E-08	1.6E-17	9.9E-17

Table H-373 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.1E-18	8.1E-16	1.1E-15	9.5E-16	2.7E-15	5.5E-08	1.3E-07	6.9E-09	6.9E-09	4.7E-17	2.9E-16
Hexachlorobutadiene	5.8E-16					3.8E-06	8.8E-06	4.8E-07	4.8E-07		
Isopropanol						2.9E-02					
Phenol	1.3E-14					2.6E-05	6.0E-05	3.2E-06	3.2E-06		
Pyridine	6.6E-16					2.4E-06	5.7E-06	3.1E-07	3.1E-07		
TRS											
Total Reduced Sulfur						2.5E-05	5.8E-05	3.1E-06	3.1E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.3E-19					1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,1,1-Trichloroethane	1.5E-20					1.1E-08	2.6E-08	1.4E-09	1.4E-09		
1,1-Dichloroethene	5.1E-22					2.2E-09	5.1E-09	2.8E-10	2.8E-10		
1,2,3-Trichlorobenzene	1.6E-17					4.6E-08	1.1E-07	5.7E-09	5.7E-09		
1,2,3-Trichloropropane	9.3E-20					9.3E-09	2.1E-08	1.2E-09	1.2E-09		
1,2,4-Trimethylbenzene						5.3E-07	1.2E-06	6.7E-08	6.7E-08		
1,2-Dibromoethane	3.2E-20					5.9E-09	1.4E-08	7.4E-10	7.4E-10		
1,2-Dichloroethane	1.0E-18					2.4E-07	5.5E-07	8.6E-05	8.6E-05		
1,3,5-Trimethylbenzene	5.2E-18					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
1,3-Dichloropropane						5.7E-09	1.3E-08	7.2E-10	7.2E-10		
2-Butanone	2.1E-16					2.8E-06	6.5E-06	3.5E-07	3.5E-07		
2-Chlorotoluene						1.3E-07	2.9E-07	1.6E-08	1.6E-08		
2-Hexanone						5.8E-07	1.3E-06	7.2E-08	7.2E-08		
Benzene	1.7E-16					7.2E-03	1.7E-04	8.3E-04	8.3E-04		
Bromobenzene						3.2E-06	7.4E-06	4.0E-07	4.0E-07		
Bromochloromethane						7.6E-09	1.7E-08	9.4E-10	9.4E-10		

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Exposure Scenario	Camp Justice
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Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	2.7E-20					8.2E-09	1.9E-08	1.0E-09	1.0E-09		
Bromomethane	1.1E-19					3.3E-07	7.5E-07	4.1E-08	4.1E-08		
Carbon disulfide	1.1E-19					2.9E-07	6.6E-07	3.6E-08	3.6E-08		
Carbon tetrachloride	1.2E-20					1.3E-02	4.3E-08	1.3E-03	1.3E-03		
Chlorobenzene	4.0E-18					4.1E-07	9.5E-07	5.2E-08	5.2E-08		
Chlorodibromomethane	1.6E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
Chloroethane	3.2E-19					7.8E-07	1.8E-06	9.8E-08	9.8E-08		
Chloroform	2.4E-19					1.9E-03	3.9E-07	2.1E-04	2.1E-04		
Chloromethane	8.4E-19					2.7E-06	6.1E-06	3.3E-07	3.3E-07		
cis-1,2-Dichloroethene	3.3E-19					3.4E-07	7.9E-07	4.3E-08	4.3E-08		
cis-1,3-Dichloropropene						2.1E-09	4.8E-09	2.6E-10	2.6E-10		
Dibromomethane	3.6E-20					1.7E-08	4.0E-08	2.2E-09	2.2E-09		
Dichlorodifluoromethane	4.0E-22					2.1E-08	4.9E-08	2.7E-09	2.7E-09		
Ethylbenzene	1.3E-16					2.3E-03	3.9E-05	2.1E-06	2.1E-06		
Isopropylbenzene	1.7E-19					1.4E-06	3.1E-06	1.7E-07	1.7E-07		
m&p-Xylene	2.0E-17					3.1E-06	7.2E-06	3.9E-07	3.9E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.1E-19					3.1E-08	7.1E-08	3.8E-09	3.8E-09		
Methylene chloride	2.2E-18					1.5E-06	3.6E-06	1.9E-07	1.9E-07		
n-Butylbenzene						6.7E-07	1.5E-06	8.3E-08	8.3E-08		
n-Propylbenzene						8.0E-07	1.9E-06	1.0E-07	1.0E-07		
o-Xylene	2.4E-17					2.0E-06	4.5E-06	2.5E-07	2.5E-07		
p-Chlorotoluene						4.8E-08	1.1E-07	5.9E-09	5.9E-09		
p-Isopropyltoluene						3.3E-07	7.6E-07	4.1E-08	4.1E-08		
sec-Butylbenzene						1.2E-07	2.8E-07	1.5E-08	1.5E-08		

Table H-373 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Styrene	8.0E-16					4.4E-05	1.0E-04	5.5E-06	5.5E-06		
tert-Butylbenzene						3.9E-06	9.0E-06	4.9E-07	4.9E-07		
Tetrachloroethene	5.7E-20					1.0E-08	2.4E-08	1.3E-09	1.3E-09		
Toluene	1.3E-16					2.7E-05	6.2E-05	3.4E-06	3.4E-06		
trans-1,2-Dichloroethene	5.0E-18					7.2E-06	1.7E-05	9.1E-07	9.1E-07		
trans-1,3-Dichloropropene						3.6E-09	8.4E-09	4.5E-10	4.5E-10		
Trichloroethene	5.8E-22					6.2E-10	1.4E-09	7.8E-11	7.8E-11		
Trichlorofluoromethane	9.0E-22					7.5E-09	1.7E-08	9.4E-10	9.4E-10		
Vinyl chloride	4.1E-20					4.2E-07	9.8E-07	5.3E-08	5.3E-08		

Table H-374 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					3.2E-03	4.0E-02	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19	
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19	
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18	
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19	
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19	
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19	
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20	
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19	
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19	

Table H-374 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.0E-02	2.4E-02					5.0E-07	2.6E-06
Antimony	1.6E-17			3.8E-07	4.8E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.8E-11	5.2E-11
Arsenic	8.1E-16	3.6E-07	4.6E-07	8.5E-07	2.2E-06	5.9E-10	1.4E-09	7.4E-11	7.4E-11	6.9E-11	3.9E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				2.6E-05	3.7E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.3E-09	4.0E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				2.3E-02	4.0E-02					1.1E-06	4.3E-06
Lead	6.9E-18			1.1E-04	5.3E-05	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.2E-09	5.7E-09
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				1.7E-06	2.7E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	3.3E-06	2.0E-05
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18

Table H-374 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	7.9E-04	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.7E-08	8.5E-08
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Thallium (Soluble Salts)					1.4E-07						1.6E-11
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	2.2E-08	2.8E-12	2.0E-08	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	3.0E-10	1.9E-09
Benzo(a)pyrene	3.1E-12	2.6E-08	1.2E-12	2.4E-08	2.3E-12	1.2E-09	2.7E-09	1.5E-10	1.5E-10	1.2E-12	2.4E-16
Benzo(b)fluoranthene	8.3E-13	4.7E-08	7.3E-14	4.2E-08	1.3E-13	1.3E-09	3.0E-09	1.6E-10	1.6E-10	2.1E-12	1.4E-17
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	3.5E-08	1.1E-13	3.2E-08	2.0E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.6E-12	2.2E-17

Table H-374 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14
Chrysene	1.1E-12	2.7E-08	3.8E-12	2.5E-08	7.0E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.2E-12	7.5E-16
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	4.8E-13	3.1E-13	8.7E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	1.5E-17	9.4E-17
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.1E-08	1.3E-12	1.0E-08	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	5.0E-13	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16

Table H-374 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Pesticides											
Chlordecone (Kepone)		1.3E-06		1.5E-06						7.3E-11	
DDE				2.1E-07	7.8E-08					6.5E-09	4.0E-08
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						2.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18

Table H-374 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						3.4E-04					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.4E-05	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		

Table H-374 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.5E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					2.2E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					2.7E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		

Table H-374 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08				
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09				
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11				
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08				
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08				
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12				
Trichloroethene	6.8E-21					7.3E-12	1.7E-11	9.1E-13	9.1E-13				
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11				
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10				

Table H-375 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						7.2E-05	1.7E-04	9.0E-06	9.0E-06		
Aldehydes											
Acetaldehyde	7.9E-15					1.2E-04	2.9E-04	1.6E-05	1.6E-05		
Formaldehyde	3.9E-14					2.7E-01	2.3E+00	6.6E-06	6.6E-06		
Propionaldehyde				1.9E-16	5.4E-16	1.4E-05	3.1E-05	1.7E-06	1.7E-06	1.4E-12	8.9E-12
CO											
Carbon monoxide						3.8E-03	8.8E-03	4.8E-04	4.8E-04		
CO2											
Carbon dioxide						1.2E-04	2.8E-04	1.5E-05	1.5E-05		
Criteria											
Sulfur Dioxide						3.2E-05	7.5E-05	4.1E-06	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.1E-19	1.1E-16	1.5E-16	4.2E-16	1.2E-15	7.3E-11	1.7E-10	9.1E-12	9.1E-12	2.1E-17	1.3E-16
1,2,3,4,6,7,8-HpCDF	1.0E-19	1.1E-16	1.5E-16	4.2E-16	1.2E-15	7.3E-11	1.7E-10	9.2E-12	9.2E-12	2.1E-17	1.3E-16
1,2,3,4,7,8,9-HpCDF	1.6E-20	1.2E-17	1.7E-17	4.9E-17	1.4E-16	9.3E-12	2.1E-11	1.2E-12	1.2E-12	2.4E-18	1.5E-17
1,2,3,4,7,8-HxCDD	1.2E-19	1.2E-17	1.7E-17	4.8E-17	1.3E-16	8.7E-12	2.0E-11	1.1E-12	1.1E-12	2.3E-18	1.4E-17
1,2,3,4,7,8-HxCDF	8.2E-19	9.6E-17	1.3E-16	3.8E-16	1.1E-15	7.1E-11	1.6E-10	8.9E-12	8.9E-12	1.9E-17	1.1E-16
1,2,3,6,7,8-HxCDD	2.3E-19	2.5E-17	3.4E-17	9.7E-17	2.7E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	4.8E-18	2.9E-17
1,2,3,6,7,8-HxCDF	3.0E-19	3.1E-17	4.4E-17	1.2E-16	3.5E-16	2.3E-11	5.3E-11	2.9E-12	2.9E-12	6.1E-18	3.7E-17
1,2,3,7,8,9-HxCDD	3.3E-19	3.9E-17	5.4E-17	1.5E-16	4.3E-16	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.5E-18	4.6E-17
1,2,3,7,8,9-HxCDF	2.5E-20	2.2E-18	3.1E-18	8.9E-18	2.5E-17	1.8E-12	4.1E-12	2.2E-13	2.2E-13	4.3E-19	2.7E-18
1,2,3,7,8-PeCDD	6.3E-19	1.4E-17	1.9E-17	5.4E-17	1.5E-16	1.1E-11	2.6E-11	1.4E-12	1.4E-12	2.6E-18	1.6E-17
1,2,3,7,8-PeCDF	8.8E-19	1.6E-17	2.2E-17	6.3E-17	1.8E-16	1.6E-11	3.6E-11	2.0E-12	2.0E-12	3.1E-18	1.9E-17

Table H-375 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	4.4E-19	4.9E-17	6.9E-17	1.9E-16	5.4E-16	3.6E-11	8.2E-11	4.5E-12	4.5E-12	9.5E-18	5.8E-17
2,3,4,7,8-PeCDF	1.4E-18	3.8E-17	5.4E-17	1.5E-16	4.2E-16	3.5E-11	8.2E-11	4.4E-12	4.4E-12	7.4E-18	4.6E-17
2,3,7,8-TCDD	2.1E-19	2.8E-18	3.9E-18	1.1E-17	3.1E-17	4.4E-12	1.0E-11	5.6E-13	5.6E-13	3.7E-16	2.3E-15
2,3,7,8-TCDF	6.9E-19	5.1E-18	7.1E-18	2.0E-17	5.6E-17	1.6E-11	3.8E-11	2.0E-12	2.0E-12	9.8E-19	6.0E-18
OCDD	1.4E-21	7.2E-17	1.0E-16	2.8E-16	8.0E-16	4.8E-11	1.1E-10	6.0E-12	6.0E-12	1.4E-17	8.6E-17
OCDF	5.3E-22	2.8E-17	3.9E-17	1.1E-16	3.1E-16	1.8E-11	4.2E-11	2.3E-12	2.3E-12	5.4E-18	3.3E-17
HCN											
Hydrogen cyanide						1.4E-05	3.1E-05	1.7E-06	1.7E-06		
Metals											
Aluminum				8.8E-04	1.6E-03					4.3E-05	1.8E-04
Antimony	1.3E-18			3.2E-08	1.4E-08	8.9E-07	2.1E-06	1.1E-07	1.1E-07	1.6E-09	1.6E-09
Arsenic	7.0E-17	3.1E-08	1.6E-08	7.3E-08	7.4E-08	5.1E-08	1.2E-07	6.4E-09	6.4E-09	5.9E-09	1.3E-08
Barium	1.9E-13			2.3E-10	6.6E-10	1.1E-05	2.5E-05	1.3E-06	1.3E-06	1.1E-11	7.1E-11
Beryllium	2.8E-18			9.0E-17	2.5E-16	3.7E-09	8.5E-09	4.6E-10	4.6E-10	4.4E-18	2.7E-17
Cadmium	7.2E-16			7.0E-17	2.0E-16	6.5E-08	1.5E-07	8.1E-09	8.1E-09	3.4E-18	2.1E-17
Chromium	2.1E-16			6.1E-12	1.7E-11	5.5E-07	1.3E-06	6.9E-08	6.9E-08	3.0E-13	1.8E-12
Cobalt				2.3E-06	5.4E-06	8.4E-07	1.9E-06	1.1E-07	1.1E-07	1.1E-07	5.9E-07
Copper				2.5E-11	7.0E-11	1.5E-06	3.5E-06	1.9E-07	1.9E-07	1.2E-12	7.5E-12
Iron				1.9E-03	3.7E-03					9.6E-05	4.0E-04
Lead	5.9E-19			9.2E-06	1.2E-05	5.1E-07	1.2E-06	6.4E-08	6.4E-08	4.5E-07	1.3E-06
Manganese				6.8E-14	1.9E-13	4.7E-07	1.1E-06	5.8E-08	5.8E-08	3.3E-15	2.1E-14
Mercury (+2)				2.8E-15	7.7E-15	2.0E-09	4.7E-09	2.5E-10	2.5E-10	1.3E-16	8.3E-16
Mercury, elemental				1.5E-07	3.8E-09	8.4E-12	1.9E-11	1.1E-12	1.1E-12	2.8E-04	1.7E-03
Methyl Mercury	7.2E-16			1.6E-16	4.6E-16					8.0E-18	4.9E-17

Table H-375 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	2.8E-16			4.8E-05	1.1E-04	3.0E-07	6.9E-07	3.7E-08	3.7E-08	2.3E-06	1.2E-05
Phosphorus				6.4E-16	1.8E-15	2.3E-06	5.2E-06	2.8E-07	2.8E-07	6.2E-12	3.8E-11
Selenium	2.4E-17			3.5E-18	9.7E-18	1.5E-08	3.5E-08	1.9E-09	1.9E-09	1.7E-19	1.0E-18
Silver	1.7E-17			6.4E-14	1.8E-13	9.8E-09	2.3E-08	1.2E-09	1.2E-09	3.1E-15	1.9E-14
Titanium				6.9E-16	1.9E-15	5.2E-09	1.2E-08	6.5E-10	6.5E-10	3.4E-17	2.1E-16
Zinc	3.5E-13			1.6E-14	4.4E-14	1.2E-05	2.7E-05	1.5E-06	1.5E-06	7.7E-16	4.8E-15
NOx											
NOx (Oxides of Nitrogen)						1.3E-04	3.1E-04	1.7E-05	1.7E-05		
PAHs											
1-Methylnaphthalene		2.0E-17	2.9E-17	1.9E-17	5.2E-17	2.8E-06	6.5E-06	3.5E-07	3.5E-07	2.1E-14	1.3E-13
1-Methylphenanthrene				1.2E-14	3.5E-14	3.4E-07	7.8E-07	4.2E-08	4.2E-08	6.1E-16	3.8E-15
2,3,5-Trimethylnaphthalene				5.8E-15	1.6E-14	1.7E-07	3.9E-07	2.1E-08	2.1E-08	2.9E-16	1.8E-15
2,6-Dimethylnaphthalene				1.6E-14	4.5E-14	4.4E-07	1.0E-06	5.5E-08	5.5E-08	7.8E-16	4.8E-15
2-Methylnaphthalene		2.0E-17	2.8E-17	1.8E-17	5.0E-17	2.7E-06	6.3E-06	3.4E-07	3.4E-07	2.1E-14	1.3E-13
Acenaphthylene				5.1E-14	1.4E-13	1.6E-06	3.7E-06	2.0E-07	2.0E-07	2.5E-15	1.5E-14
Acenaphthene	2.9E-16					3.0E-07	6.8E-07	3.7E-08	3.7E-08		
Anthracene	3.7E-15					5.2E-07	1.2E-06	6.5E-08	6.5E-08		
Benzo(a)anthracene	5.3E-13	1.9E-09	2.2E-13	1.7E-09	3.9E-13	2.6E-07	5.9E-07	3.2E-08	3.2E-08	2.6E-08	1.6E-07
Benzo(a)pyrene	2.6E-13	2.2E-09	1.1E-08	2.0E-09	2.1E-08	1.0E-07	2.3E-07	1.3E-08	1.3E-08	9.9E-11	2.2E-09
Benzo(b)fluoranthene	7.1E-14	4.0E-09	1.0E-08	3.6E-09	1.8E-08	1.1E-07	2.6E-07	1.4E-08	1.4E-08	1.8E-10	2.0E-09
Benzo(e)pyrene				2.9E-15	8.2E-15	8.6E-08	2.0E-07	1.1E-08	1.1E-08	1.4E-16	8.8E-16
Benzo(g,h,i)perylene				2.2E-15	6.0E-15	6.6E-08	1.5E-07	8.2E-09	8.2E-09	1.1E-16	6.5E-16
Benzo(k)fluoranthene	5.9E-16	3.0E-09	7.1E-15	2.8E-09	1.3E-14	1.0E-09	2.3E-09	1.2E-10	1.2E-10	1.3E-10	1.4E-15
Biphenyl				2.9E-16	8.0E-16	9.5E-06	2.2E-05	1.2E-06	1.2E-06	1.7E-13	1.0E-12

Table H-375 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	9.1E-14	2.3E-09	2.8E-13	2.1E-09	5.2E-13	4.4E-07	1.0E-06	5.5E-08	5.5E-08	1.0E-10	5.6E-14
Dibenze(a,h)anthracene	1.3E-14	2.6E-14	3.6E-14	2.3E-14	6.5E-14	1.6E-08	3.7E-08	2.0E-09	2.0E-09	1.1E-15	7.1E-15
Fluoranthene	2.4E-14	5.4E-15	7.6E-15	5.0E-15	1.4E-14	6.4E-07	1.5E-06	8.0E-08	8.0E-08	2.4E-16	1.5E-15
Fluorene	5.2E-15					1.6E-06	3.7E-06	2.0E-07	2.0E-07		
Indeno(1,2,3-cd)pyrene	3.3E-14	9.7E-10	9.9E-14	8.8E-10	1.8E-13	5.3E-08	1.2E-07	6.6E-09	6.6E-09	4.3E-11	2.0E-14
Napthalene	2.4E-15					1.3E-05	2.9E-05	1.6E-06	1.6E-06		
Perylene				1.1E-15	3.2E-15	4.0E-08	9.1E-08	4.9E-09	4.9E-09	5.5E-17	3.4E-16
Phenanthrene	2.5E-14					3.0E-06	6.9E-06	3.8E-07	3.8E-07		
Pyrene	1.7E-14	1.8E-14	2.6E-14	1.7E-14	4.7E-14	6.3E-07	1.4E-06	7.8E-08	7.8E-08	4.7E-13	2.9E-12
Particulate											
Particulate Total Suspended Particulate				2.6E-10	7.2E-10	2.0E-03	4.6E-03	2.5E-04	2.5E-04	1.3E-11	7.7E-11
PM<10				3.3E-10	9.2E-10	2.6E-03	6.1E-03	3.3E-04	3.3E-04	1.6E-11	9.9E-11
PM<2.5				2.7E-10	7.6E-10	2.3E-03	5.2E-03	2.8E-04	2.8E-04	1.3E-11	8.2E-11
PCBs											
Dichlorobiphenyl	5.2E-16	4.9E-17	6.9E-17	4.2E-17	1.2E-16	8.0E-09	1.8E-08	9.9E-10	9.9E-10	3.9E-15	2.4E-14
Heptachlorobiphenyl	2.0E-17	5.7E-18	8.0E-18	4.8E-18	1.4E-17	1.1E-10	2.5E-10	1.4E-11	1.4E-11	2.5E-16	1.5E-15
Hexachlorobiphenyl	8.0E-17	2.6E-17	3.6E-17	2.2E-17	6.1E-17	4.6E-10	1.1E-09	5.7E-11	5.7E-11	1.1E-15	6.8E-15
Monochlorobiphenyl	3.6E-15	3.4E-16	4.8E-16	2.9E-16	8.1E-16	5.5E-08	1.3E-07	6.9E-09	6.9E-09	2.7E-14	1.7E-13
Nonachlorobiphenyl	2.5E-18	1.0E-18	1.4E-18	8.5E-19	2.4E-18	1.5E-11	3.6E-11	1.9E-12	1.9E-12	4.3E-17	2.7E-16
Octachlorobiphenyl	5.8E-18	1.9E-18	2.6E-18	1.6E-18	4.4E-18	3.3E-11	7.7E-11	4.2E-12	4.2E-12	8.0E-17	4.9E-16
Pentachlorobiphenyl	2.6E-16	9.3E-17	1.3E-16	7.9E-17	2.2E-16	1.6E-09	3.6E-09	2.0E-10	2.0E-10	4.0E-15	2.5E-14
Tetrachlorobiphenyl	1.6E-16	1.9E-17	2.6E-17	1.6E-17	4.5E-17	2.6E-09	6.0E-09	3.2E-10	3.2E-10	1.5E-15	9.2E-15
Trichlorobiphenyl	2.0E-16	2.3E-17	3.2E-17	1.9E-17	5.4E-17	3.3E-09	7.6E-09	4.1E-10	4.1E-10	1.8E-15	1.1E-14
Pesticides											

Table H-375 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chlordecone (Kepone)		1.1E-07		1.3E-07						6.3E-09	
DDE				1.8E-08	2.4E-08					5.6E-07	3.4E-06
SVOCs											
1,2,4-trichlorobenzene						2.3E-08	5.3E-08	2.9E-09	2.9E-09		
1,2-dichlorobenzene	2.4E-19					9.3E-09	2.2E-08	1.2E-09	1.2E-09		
1,3-Butadiene						1.9E-03					
1,3-dichlorobenzene	5.9E-19					1.4E-08	3.2E-08	1.7E-09	1.7E-09		
1,4-dichlorobenzene	7.9E-18					1.3E-07	3.0E-07	1.6E-08	1.6E-08		
2,4-Dimethylphenol	2.2E-16					2.0E-06	4.7E-06	2.5E-07	2.5E-07		
2-Chlorophenol	1.1E-17					4.1E-07	9.4E-07	5.1E-08	5.1E-08		
2-Methylphenol	4.5E-15					4.8E-06	1.1E-05	6.0E-07	6.0E-07		
2-Nitrophenol	2.7E-17					6.5E-07	1.5E-06	8.1E-08	8.1E-08		
3-Methylphenol & 4-Methylphenol				3.2E-13	8.8E-13	8.6E-06	2.0E-05	1.1E-06	1.1E-06	1.5E-14	9.5E-14
4-Nitrophenol	5.6E-17					1.1E-06	2.5E-06	1.3E-07	1.3E-07		
Acetophenone	3.4E-16					1.0E-05	2.3E-05	1.3E-06	1.3E-06		
Benzoic acid	1.4E-15					4.6E-05	1.1E-04	5.8E-06	5.8E-06		
Benzyl alcohol	8.4E-19					3.9E-07	8.9E-07	4.8E-08	4.8E-08		
bis(2-Ethylhexyl) phthalate	4.2E-14	5.8E-13	8.0E-13	6.8E-13	1.9E-12	1.6E-05	3.8E-05	2.0E-06	2.0E-06	3.3E-14	2.1E-13
Butyl benzyl phthalate	1.5E-14	2.8E-16	3.9E-16	3.3E-16	9.2E-16	5.1E-07	1.2E-06	6.4E-08	6.4E-08	1.6E-17	1.0E-16
Carbazole				1.2E-15	3.4E-15	1.4E-08	3.3E-08	1.8E-09	1.8E-09	5.9E-17	3.6E-16
Dibenzofuran		1.2E-17	1.7E-17	4.8E-17	1.4E-16	8.2E-07	1.9E-06	1.0E-07	1.0E-07	2.1E-14	1.3E-13
Dimethyl phthalate	5.5E-18					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
Di-n-butyl phthalate	1.4E-13	2.8E-16	3.9E-16	3.3E-16	9.2E-16	7.9E-07	1.8E-06	9.8E-08	9.8E-08	1.6E-17	9.9E-17
Di-n-octyl phthalate	1.1E-18	8.1E-16	1.1E-15	9.5E-16	2.7E-15	5.5E-08	1.3E-07	6.9E-09	6.9E-09	4.7E-17	2.9E-16

Table H-375 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	5.8E-16					3.8E-06	8.8E-06	4.8E-07	4.8E-07		
Isopropanol						2.9E-02					
Phenol	1.3E-14					2.6E-05	6.0E-05	3.2E-06	3.2E-06		
Pyridine	6.6E-16					2.4E-06	5.7E-06	3.1E-07	3.1E-07		
TRS											
Total Reduced Sulfur						2.5E-05	5.8E-05	3.1E-06	3.1E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.3E-19					1.2E-08	2.7E-08	1.4E-09	1.4E-09		
1,1,1-Trichloroethane	1.5E-20					1.1E-08	2.6E-08	1.4E-09	1.4E-09		
1,1-Dichloroethene	5.1E-22					2.2E-09	5.1E-09	2.8E-10	2.8E-10		
1,2,3-Trichlorobenzene	1.6E-17					4.6E-08	1.1E-07	5.7E-09	5.7E-09		
1,2,3-Trichloropropane	9.3E-20					9.3E-09	2.1E-08	1.2E-09	1.2E-09		
1,2,4-Trimethylbenzene						5.3E-07	1.2E-06	6.7E-08	6.7E-08		
1,2-Dibromoethane	3.2E-20					5.9E-09	1.4E-08	7.4E-10	7.4E-10		
1,2-Dichloroethane	1.0E-18					2.4E-07	5.5E-07	8.6E-05	8.6E-05		
1,3,5-Trimethylbenzene	5.2E-18					5.0E-07	1.2E-06	6.3E-08	6.3E-08		
1,3-Dichloropropane						5.7E-09	1.3E-08	7.2E-10	7.2E-10		
2-Butanone	2.1E-16					2.8E-06	6.5E-06	3.5E-07	3.5E-07		
2-Chlorotoluene						1.3E-07	2.9E-07	1.6E-08	1.6E-08		
2-Hexanone						5.8E-07	1.3E-06	7.2E-08	7.2E-08		
Benzene	1.7E-16					7.2E-03	1.7E-04	8.3E-04	8.3E-04		
Bromobenzene						3.2E-06	7.4E-06	4.0E-07	4.0E-07		
Bromochloromethane						7.6E-09	1.7E-08	9.4E-10	9.4E-10		
Bromodichloromethane	2.7E-20					8.2E-09	1.9E-08	1.0E-09	1.0E-09		

Table H-375 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromomethane	1.1E-19					3.3E-07	7.5E-07	4.1E-08	4.1E-08		
Carbon disulfide	1.1E-19					2.9E-07	6.6E-07	3.6E-08	3.6E-08		
Carbon tetrachloride	1.2E-20					1.3E-02	4.3E-08	1.3E-03	1.3E-03		
Chlorobenzene	4.0E-18					4.1E-07	9.5E-07	5.2E-08	5.2E-08		
Chlorodibromomethane	1.6E-18					2.0E-07	4.7E-07	2.5E-08	2.5E-08		
Chloroethane	3.2E-19					7.8E-07	1.8E-06	9.8E-08	9.8E-08		
Chloroform	2.4E-19					1.9E-03	3.9E-07	2.1E-04	2.1E-04		
Chloromethane	8.4E-19					2.7E-06	6.1E-06	3.3E-07	3.3E-07		
cis-1,2-Dichloroethene	3.3E-19					3.4E-07	7.9E-07	4.3E-08	4.3E-08		
cis-1,3-Dichloropropene						2.1E-09	4.8E-09	2.6E-10	2.6E-10		
Dibromomethane	3.6E-20					1.7E-08	4.0E-08	2.2E-09	2.2E-09		
Dichlorodifluoromethane	4.0E-22					2.1E-08	4.9E-08	2.7E-09	2.7E-09		
Ethylbenzene	1.3E-16					2.3E-03	3.9E-05	2.1E-06	2.1E-06		
Isopropylbenzene	1.7E-19					1.4E-06	3.1E-06	1.7E-07	1.7E-07		
m&p-Xylene	2.0E-17					3.1E-06	7.2E-06	3.9E-07	3.9E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.1E-19					3.1E-08	7.1E-08	3.8E-09	3.8E-09		
Methylene chloride	2.2E-18					1.5E-06	3.6E-06	1.9E-07	1.9E-07		
n-Butylbenzene						6.7E-07	1.5E-06	8.3E-08	8.3E-08		
n-Propylbenzene						8.0E-07	1.9E-06	1.0E-07	1.0E-07		
o-Xylene	2.4E-17					2.0E-06	4.5E-06	2.5E-07	2.5E-07		
p-Chlorotoluene						4.8E-08	1.1E-07	5.9E-09	5.9E-09		
p-Isopropyltoluene						3.3E-07	7.6E-07	4.1E-08	4.1E-08		
sec-Butylbenzene						1.2E-07	2.8E-07	1.5E-08	1.5E-08		
Styrene	8.0E-16					4.4E-05	1.0E-04	5.5E-06	5.5E-06		

Table H-375 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
tert-Butylbenzene						3.9E-06	9.0E-06	4.9E-07	4.9E-07		
Tetrachloroethene	5.7E-20					1.0E-08	2.4E-08	1.3E-09	1.3E-09		
Toluene	1.3E-16					2.7E-05	6.2E-05	3.4E-06	3.4E-06		
trans-1,2-Dichloroethene	5.0E-18					7.2E-06	1.7E-05	9.1E-07	9.1E-07		
trans-1,3-Dichloropropene						3.6E-09	8.4E-09	4.5E-10	4.5E-10		
Trichloroethene	5.8E-22					6.2E-10	1.4E-09	7.8E-11	7.8E-11		
Trichlorofluoromethane	9.0E-22					7.5E-09	1.7E-08	9.4E-10	9.4E-10		
Vinyl chloride	4.1E-20					4.2E-07	9.8E-07	5.3E-08	5.3E-08		

Table H-376 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)	
Acid Gas												
Hydrogen Chloride						8.4E-07	1.9E-06	1.0E-07	1.0E-07			
Aldehydes												
Acetaldehyde	9.2E-14					1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Formaldehyde	4.5E-13					3.2E-03	2.7E-02	7.7E-08	7.7E-08			
Propionaldehyde				2.2E-15	6.3E-15	1.6E-07	3.7E-07	2.0E-08	2.0E-08	1.7E-14	1.0E-13	
CO												
Carbon monoxide						4.5E-05	1.0E-04	5.6E-06	5.6E-06			
CO2												
Carbon dioxide						1.4E-06	3.3E-06	1.8E-07	1.8E-07			
Criteria												
Sulfur Dioxide						3.8E-07	8.7E-07	4.7E-08	4.7E-08			
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	3.0E-15	8.5E-15	2.4E-14	8.5E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	3.1E-15	8.6E-15	2.4E-14	8.6E-13	2.0E-12	1.1E-13	1.1E-13	4.2E-19	2.6E-18	
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	3.5E-16	9.9E-16	2.8E-15	1.1E-13	2.5E-13	1.4E-14	1.4E-14	4.8E-20	3.0E-19	
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	3.4E-16	9.7E-16	2.7E-15	1.0E-13	2.3E-13	1.3E-14	1.3E-14	4.7E-20	2.9E-19	
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	2.7E-15	7.7E-15	2.2E-14	8.3E-13	1.9E-12	1.0E-13	1.0E-13	3.8E-19	2.3E-18	
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	7.0E-16	2.0E-15	5.5E-15	2.1E-13	4.9E-13	2.7E-14	2.7E-14	9.7E-20	6.0E-19	
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	8.9E-16	2.5E-15	7.0E-15	2.7E-13	6.2E-13	3.4E-14	3.4E-14	1.2E-19	7.6E-19	
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.1E-15	3.1E-15	8.7E-15	3.2E-13	7.5E-13	4.1E-14	4.1E-14	1.5E-19	9.4E-19	
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	6.4E-17	1.8E-16	5.0E-16	2.1E-14	4.8E-14	2.6E-15	2.6E-15	8.8E-21	5.4E-20	
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	3.9E-16	1.1E-15	3.1E-15	1.3E-13	3.0E-13	1.6E-14	1.6E-14	5.4E-20	3.3E-19	
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	4.6E-16	1.3E-15	3.6E-15	1.8E-13	4.3E-13	2.3E-14	2.3E-14	6.3E-20	3.9E-19	

Table H-376 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.4E-15	3.9E-15	1.1E-14	4.2E-13	9.6E-13	5.2E-14	5.2E-14	1.9E-19	1.2E-18
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.1E-15	3.1E-15	8.6E-15	4.1E-13	9.5E-13	5.2E-14	5.2E-14	1.5E-19	9.3E-19
2,3,7,8-TCDD	2.7E-18	5.5E-17	7.7E-17	2.2E-16	6.1E-16	5.2E-14	1.2E-13	6.5E-15	6.5E-15	7.4E-18	4.6E-17
2,3,7,8-TCDF	8.2E-18	1.0E-16	1.4E-16	4.0E-16	1.1E-15	1.9E-13	4.4E-13	2.4E-14	2.4E-14	2.0E-20	1.2E-19
OCDD	2.5E-20	1.5E-15	2.0E-15	5.8E-15	1.6E-14	5.6E-13	1.3E-12	7.0E-14	7.0E-14	2.8E-19	1.7E-18
OCDF	9.3E-21	5.7E-16	7.9E-16	2.2E-15	6.2E-15	2.1E-13	4.9E-13	2.6E-14	2.6E-14	1.1E-19	6.7E-19
HCN											
Hydrogen cyanide						1.6E-07	3.7E-07	2.0E-08	2.0E-08		
Metals											
Aluminum				1.0E-02	1.9E-02					5.0E-07	2.1E-06
Antimony	1.6E-17			3.8E-07	1.7E-07	1.0E-08	2.4E-08	1.3E-09	1.3E-09	1.8E-11	1.8E-11
Arsenic	8.1E-16	3.6E-07	1.8E-07	8.5E-07	8.6E-07	5.9E-10	1.4E-09	7.4E-11	7.4E-11	6.9E-11	1.6E-10
Barium	2.7E-12			4.4E-09	1.2E-08	1.3E-07	2.9E-07	1.6E-08	1.6E-08	2.1E-13	1.3E-12
Beryllium	3.3E-17			1.0E-15	2.9E-15	4.3E-11	9.9E-11	5.4E-12	5.4E-12	5.1E-20	3.2E-19
Cadmium	8.3E-15			8.2E-16	2.3E-15	7.6E-10	1.7E-09	9.5E-11	9.5E-11	4.0E-20	2.5E-19
Chromium	2.8E-15			9.6E-11	2.7E-10	6.5E-09	1.5E-08	8.1E-10	8.1E-10	4.7E-15	2.9E-14
Cobalt				2.6E-05	6.4E-05	9.8E-09	2.3E-08	1.2E-09	1.2E-09	1.3E-09	6.9E-09
Copper				4.5E-10	1.3E-09	1.8E-08	4.1E-08	2.2E-09	2.2E-09	2.2E-14	1.4E-13
Iron				2.3E-02	4.3E-02					1.1E-06	4.7E-06
Lead	6.9E-18			1.1E-04	1.4E-04	6.0E-09	1.4E-08	7.5E-10	7.5E-10	5.2E-09	1.6E-08
Manganese				8.0E-13	2.2E-12	5.5E-09	1.3E-08	6.8E-10	6.8E-10	3.9E-17	2.4E-16
Mercury (+2)				6.4E-14	1.8E-13	2.4E-11	5.4E-11	2.9E-12	2.9E-12	3.1E-18	1.9E-17
Mercury, elemental				1.7E-06	4.4E-08	9.8E-14	2.3E-13	1.2E-14	1.2E-14	3.3E-06	2.0E-05
Methyl Mercury	1.3E-14			3.8E-15	1.1E-14					1.9E-19	1.1E-18

Table H-376 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	1.3E-03	3.5E-09	8.0E-09	4.3E-10	4.3E-10	2.7E-08	1.4E-07
Phosphorus				7.5E-15	2.1E-14	2.6E-08	6.1E-08	3.3E-09	3.3E-09	7.2E-14	4.4E-13
Selenium	2.8E-16			4.0E-17	1.1E-16	1.7E-10	4.0E-10	2.2E-11	2.2E-11	2.0E-21	1.2E-20
Silver	2.1E-16			8.5E-13	2.4E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	4.2E-17	2.6E-16
Titanium				8.0E-15	2.3E-14	6.1E-11	1.4E-10	7.6E-12	7.6E-12	3.9E-19	2.4E-18
Zinc	4.1E-12			1.8E-13	5.2E-13	1.4E-07	3.2E-07	1.7E-08	1.7E-08	9.0E-18	5.6E-17
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	3.6E-06	2.0E-07	2.0E-07		
PAHs											
1-Methylnaphthalene		2.4E-16	3.3E-16	2.2E-16	6.1E-16	3.3E-08	7.6E-08	4.1E-09	4.1E-09	2.5E-16	1.5E-15
1-Methylphenanthrene				1.5E-13	4.1E-13	3.9E-09	9.1E-09	4.9E-10	4.9E-10	7.1E-18	4.4E-17
2,3,5-Trimethylnaphthalene				6.8E-14	1.9E-13	1.9E-09	4.5E-09	2.4E-10	2.4E-10	3.3E-18	2.1E-17
2,6-Dimethylnaphthalene				1.9E-13	5.2E-13	5.1E-09	1.2E-08	6.4E-10	6.4E-10	9.1E-18	5.6E-17
2-Methylnaphthalene		2.3E-16	3.2E-16	2.1E-16	5.9E-16	3.2E-08	7.4E-08	4.0E-09	4.0E-09	2.4E-16	1.5E-15
Acenaphthylene				6.0E-13	1.7E-12	1.9E-08	4.4E-08	2.4E-09	2.4E-09	2.9E-17	1.8E-16
Acenaphthene	3.4E-15					3.5E-09	8.0E-09	4.3E-10	4.3E-10		
Anthracene	4.3E-14					6.1E-09	1.4E-08	7.6E-10	7.6E-10		
Benzo(a)anthracene	6.2E-12	2.2E-08	2.8E-12	2.0E-08	5.0E-12	3.0E-09	6.9E-09	3.7E-10	3.7E-10	3.0E-10	1.9E-09
Benzo(a)pyrene	3.1E-12	2.6E-08	1.3E-07	2.4E-08	2.4E-07	1.2E-09	2.7E-09	1.5E-10	1.5E-10	1.2E-12	2.6E-11
Benzo(b)fluoranthene	8.3E-13	4.7E-08	1.2E-07	4.2E-08	2.2E-07	1.3E-09	3.0E-09	1.6E-10	1.6E-10	2.1E-12	2.3E-11
Benzo(e)pyrene				3.4E-14	9.6E-14	1.0E-09	2.3E-09	1.3E-10	1.3E-10	1.7E-18	1.0E-17
Benzo(g,h,i)perylene				2.5E-14	7.0E-14	7.7E-10	1.8E-09	9.6E-11	9.6E-11	1.2E-18	7.6E-18
Benzo(k)fluoranthene	7.9E-15	3.5E-08	1.1E-13	3.2E-08	2.0E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.6E-12	2.2E-17
Biphenyl				3.3E-15	9.3E-15	1.1E-07	2.6E-07	1.4E-08	1.4E-08	2.0E-15	1.2E-14

Table H-376 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	1.1E-12	2.7E-08	3.8E-12	2.5E-08	7.0E-12	5.1E-09	1.2E-08	6.4E-10	6.4E-10	1.2E-12	7.5E-16
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	4.8E-13	3.1E-13	8.7E-13	1.9E-10	4.3E-10	2.3E-11	2.3E-11	1.5E-17	9.4E-17
Fluoranthene	2.8E-13	6.8E-14	9.4E-14	6.1E-14	1.7E-13	7.5E-09	1.7E-08	9.4E-10	9.4E-10	3.0E-18	1.9E-17
Fluorene	6.1E-14					1.9E-08	4.3E-08	2.3E-09	2.3E-09		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.1E-08	1.3E-12	1.0E-08	2.3E-12	6.2E-10	1.4E-09	7.7E-11	7.7E-11	5.0E-13	2.5E-16
Napthalene	2.8E-14					1.5E-07	3.4E-07	1.9E-08	1.9E-08		
Perylene				1.3E-14	3.7E-14	4.6E-10	1.1E-09	5.8E-11	5.8E-11	6.5E-19	4.0E-18
Phenanthrene	2.9E-13					3.5E-08	8.1E-08	4.4E-09	4.4E-09		
Pyrene	2.0E-13	2.8E-13	3.9E-13	2.5E-13	7.1E-13	7.3E-09	1.7E-08	9.1E-10	9.1E-10	7.1E-15	4.4E-14
Particulate											
Particulate Total Suspended Particulate				3.0E-09	8.4E-09	2.3E-05	5.4E-05	2.9E-06	2.9E-06	1.5E-13	9.0E-13
PM<10				3.8E-09	1.1E-08	3.1E-05	7.1E-05	3.9E-06	3.9E-06	1.9E-13	1.2E-12
PM<2.5				3.2E-09	8.9E-09	2.6E-05	6.1E-05	3.3E-06	3.3E-06	1.6E-13	9.6E-13
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	1.4E-15	8.3E-16	2.3E-15	9.3E-11	2.1E-10	1.2E-11	1.2E-11	7.8E-17	4.8E-16
Heptachlorobiphenyl	2.3E-16	1.2E-16	1.6E-16	9.8E-17	2.7E-16	1.3E-12	2.9E-12	1.6E-13	1.6E-13	5.0E-18	3.1E-17
Hexachlorobiphenyl	9.4E-16	5.2E-16	7.3E-16	4.4E-16	1.2E-15	5.3E-12	1.2E-11	6.7E-13	6.7E-13	2.3E-17	1.4E-16
Monochlorobiphenyl	4.3E-14	6.9E-15	9.6E-15	5.8E-15	1.6E-14	6.5E-10	1.5E-09	8.1E-11	8.1E-11	5.4E-16	3.3E-15
Nonachlorobiphenyl	2.9E-17	2.0E-17	2.9E-17	1.7E-17	4.8E-17	1.8E-13	4.2E-13	2.2E-14	2.2E-14	8.8E-19	5.4E-18
Octachlorobiphenyl	6.9E-17	3.8E-17	5.3E-17	3.2E-17	8.9E-17	3.9E-13	9.0E-13	4.9E-14	4.9E-14	1.6E-18	1.0E-17
Pentachlorobiphenyl	3.1E-15	1.9E-15	2.6E-15	1.6E-15	4.5E-15	1.8E-11	4.2E-11	2.3E-12	2.3E-12	8.1E-17	5.0E-16
Tetrachlorobiphenyl	1.8E-15	3.8E-16	5.3E-16	3.2E-16	8.9E-16	3.0E-11	7.0E-11	3.8E-12	3.8E-12	3.0E-17	1.8E-16
Trichlorobiphenyl	2.4E-15	4.5E-16	6.3E-16	3.8E-16	1.1E-15	3.8E-11	8.8E-11	4.8E-12	4.8E-12	3.6E-17	2.2E-16
Pesticides											

Table H-376 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chlordecone (Kepone)		1.3E-06		1.5E-06						7.3E-11	
DDE				2.1E-07	2.8E-07					6.5E-09	4.0E-08
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	6.2E-10	3.4E-11	3.4E-11		
1,2-dichlorobenzene	2.8E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,3-Butadiene						2.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	3.7E-10	2.0E-11	2.0E-11		
1,4-dichlorobenzene	9.2E-17					1.5E-09	3.5E-09	1.9E-10	1.9E-10		
2,4-Dimethylphenol	2.5E-15					2.4E-08	5.5E-08	3.0E-09	3.0E-09		
2-Chlorophenol	1.3E-16					4.7E-09	1.1E-08	5.9E-10	5.9E-10		
2-Methylphenol	5.3E-14					5.6E-08	1.3E-07	7.0E-09	7.0E-09		
2-Nitrophenol	3.2E-16					7.6E-09	1.7E-08	9.4E-10	9.4E-10		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.0E-11	1.0E-07	2.3E-07	1.3E-08	1.3E-08	1.8E-16	1.1E-15
4-Nitrophenol	6.5E-16					1.3E-08	2.9E-08	1.6E-09	1.6E-09		
Acetophenone	3.9E-15					1.2E-07	2.7E-07	1.5E-08	1.5E-08		
Benzoic acid	1.6E-14					5.4E-07	1.2E-06	6.7E-08	6.7E-08		
Benzyl alcohol	9.8E-18					4.5E-09	1.0E-08	5.6E-10	5.6E-10		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	9.4E-12	8.0E-12	2.2E-11	1.9E-07	4.4E-07	2.4E-08	2.4E-08	3.9E-16	2.4E-15
Butyl benzyl phthalate	1.8E-13	3.3E-15	4.6E-15	3.8E-15	1.1E-14	6.0E-09	1.4E-08	7.5E-10	7.5E-10	1.9E-19	1.2E-18
Carbazole				1.4E-14	3.9E-14	1.7E-10	3.9E-10	2.1E-11	2.1E-11	6.9E-19	4.2E-18
Dibenzofuran		1.4E-16	2.0E-16	5.7E-16	1.6E-15	9.5E-09	2.2E-08	1.2E-09	1.2E-09	2.4E-16	1.5E-15
Dimethyl phthalate	6.5E-17					3.3E-10	7.7E-10	4.2E-11	4.2E-11		
Di-n-butyl phthalate	1.7E-12	3.3E-15	4.6E-15	3.9E-15	1.1E-14	9.2E-09	2.1E-08	1.1E-09	1.1E-09	1.9E-19	1.2E-18
Di-n-octyl phthalate	1.3E-17	9.4E-15	1.3E-14	1.1E-14	3.1E-14	6.4E-10	1.5E-09	8.0E-11	8.0E-11	5.5E-19	3.4E-18

Table H-376 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	1.0E-07	5.5E-09	5.5E-09		
Isopropanol						3.4E-04					
Phenol	1.5E-13					3.0E-07	7.0E-07	3.8E-08	3.8E-08		
Pyridine	7.7E-15					2.9E-08	6.6E-08	3.6E-09	3.6E-09		
TRS											
Total Reduced Sulfur						2.9E-07	6.7E-07	3.6E-08	3.6E-08		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	3.1E-10	1.7E-11	1.7E-11		
1,1-Dichloroethene	6.0E-21					2.6E-11	6.0E-11	3.2E-12	3.2E-12		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	1.2E-09	6.7E-11	6.7E-11		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	2.5E-10	1.4E-11	1.4E-11		
1,2,4-Trimethylbenzene						6.2E-09	1.4E-08	7.8E-10	7.8E-10		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.6E-10	8.6E-12	8.6E-12		
1,2-Dichloroethane	1.2E-17					2.8E-09	6.4E-09	1.0E-06	1.0E-06		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.4E-08	7.3E-10	7.3E-10		
1,3-Dichloropropane						6.7E-11	1.5E-10	8.4E-12	8.4E-12		
2-Butanone	2.4E-15					3.3E-08	7.6E-08	4.1E-09	4.1E-09		
2-Chlorotoluene						1.5E-09	3.4E-09	1.8E-10	1.8E-10		
2-Hexanone						6.8E-09	1.6E-08	8.4E-10	8.4E-10		
Benzene	2.0E-15					8.4E-05	2.0E-06	9.7E-06	9.7E-06		
Bromobenzene						3.7E-08	8.6E-08	4.7E-09	4.7E-09		
Bromochloromethane						8.8E-11	2.0E-10	1.1E-11	1.1E-11		
Bromodichloromethane	3.1E-19					9.5E-11	2.2E-10	1.2E-11	1.2E-11		

Table H-376 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors	Inhalation of Particulate/Vapors
										Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	8.8E-09	4.8E-10	4.8E-10		
Carbon disulfide	1.3E-18					3.3E-09	7.7E-09	4.2E-10	4.2E-10		
Carbon tetrachloride	1.3E-19					1.5E-04	5.0E-10	1.5E-05	1.5E-05		
Chlorobenzene	4.7E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10		
Chlorodibromomethane	1.8E-17					2.4E-09	5.5E-09	3.0E-10	3.0E-10		
Chloroethane	3.7E-18					9.1E-09	2.1E-08	1.1E-09	1.1E-09		
Chloroform	2.8E-18					2.2E-05	4.5E-09	2.4E-06	2.4E-06		
Chloromethane	9.8E-18					3.1E-08	7.2E-08	3.9E-09	3.9E-09		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	9.2E-09	5.0E-10	5.0E-10		
cis-1,3-Dichloropropene						2.4E-11	5.6E-11	3.0E-12	3.0E-12		
Dibromomethane	4.2E-19					2.0E-10	4.7E-10	2.5E-11	2.5E-11		
Dichlorodifluoromethane	4.7E-21					2.5E-10	5.7E-10	3.1E-11	3.1E-11		
Ethylbenzene	1.5E-15					2.7E-05	4.5E-07	2.4E-08	2.4E-08		
Isopropylbenzene	2.0E-18					1.6E-08	3.6E-08	2.0E-09	2.0E-09		
m&p-Xylene	2.4E-16					3.6E-08	8.4E-08	4.6E-09	4.6E-09		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	8.2E-10	4.5E-11	4.5E-11		
Methylene chloride	2.6E-17					1.8E-08	4.2E-08	2.3E-09	2.3E-09		
n-Butylbenzene						7.8E-09	1.8E-08	9.7E-10	9.7E-10		
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09		
o-Xylene	2.8E-16					2.3E-08	5.3E-08	2.9E-09	2.9E-09		
p-Chlorotoluene						5.5E-10	1.3E-09	6.9E-11	6.9E-11		
p-Isopropyltoluene						3.8E-09	8.9E-09	4.8E-10	4.8E-10		
sec-Butylbenzene						1.4E-09	3.3E-09	1.8E-10	1.8E-10		
Styrene	9.4E-15					5.1E-07	1.2E-06	6.4E-08	6.4E-08		

Table H-376 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)
tert-Butylbenzene						4.6E-08	1.1E-07	5.7E-09	5.7E-09			
Tetrachloroethene	6.6E-19					1.2E-10	2.8E-10	1.5E-11	1.5E-11			
Toluene	1.6E-15					3.2E-07	7.3E-07	3.9E-08	3.9E-08			
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	2.0E-07	1.1E-08	1.1E-08			
trans-1,3-Dichloropropene						4.2E-11	9.8E-11	5.3E-12	5.3E-12			
Trichloroethene	6.8E-21					7.3E-12	1.7E-11	9.1E-13	9.1E-13			
Trichlorofluoromethane	1.0E-20					8.7E-11	2.0E-10	1.1E-11	1.1E-11			
Vinyl chloride	4.8E-19					5.0E-09	1.1E-08	6.2E-10	6.2E-10			

Table H-377 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						7.2E-05	2.6E-03	9.0E-06	8.5E-04		
Aldehydes											
Acetaldehyde	7.9E-15					1.2E-04	4.4E-03	1.6E-05	1.5E-03		
Formaldehyde	3.9E-14					2.7E-01	1.7E-03	6.6E-06	5.8E-04		
Propionaldehyde				1.9E-16	6.2E-15	1.4E-05	4.9E-04	1.7E-06	1.6E-04	1.4E-12	1.0E-10
CO											
Carbon monoxide						3.8E-03	1.4E-01	4.8E-04	4.8E-02		
CO2											
Carbon dioxide						1.2E-04	4.3E-03	1.5E-05	1.4E-03		
Criteria											
Sulfur Dioxide						3.2E-05	1.0E-03	4.1E-06	3.5E-04		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.1E-19	1.1E-16	2.0E-15	4.2E-16	1.6E-14	7.3E-11	2.9E-09	9.1E-12	9.7E-10	2.1E-17	1.7E-15
1,2,3,4,6,7,8-HpCDF	1.0E-19	1.1E-16	2.0E-15	4.2E-16	1.6E-14	7.3E-11	2.9E-09	9.2E-12	9.7E-10	2.1E-17	1.7E-15
1,2,3,4,7,8,9-HpCDF	1.6E-20	1.2E-17	2.4E-16	4.9E-17	1.9E-15	9.3E-12	3.8E-10	1.2E-12	1.3E-10	2.4E-18	2.1E-16
1,2,3,4,7,8-HxCDD	1.2E-19	1.2E-17	2.3E-16	4.8E-17	1.8E-15	8.7E-12	3.5E-10	1.1E-12	1.2E-10	2.3E-18	2.0E-16
1,2,3,4,7,8-HxCDF	8.2E-19	9.6E-17	1.8E-15	3.8E-16	1.5E-14	7.1E-11	2.9E-09	8.9E-12	9.6E-10	1.9E-17	1.6E-15
1,2,3,6,7,8-HxCDD	2.3E-19	2.5E-17	4.8E-16	9.7E-17	3.8E-15	1.8E-11	7.4E-10	2.3E-12	2.5E-10	4.8E-18	4.1E-16
1,2,3,6,7,8-HxCDF	3.0E-19	3.1E-17	6.1E-16	1.2E-16	4.8E-15	2.3E-11	9.4E-10	2.9E-12	3.1E-10	6.1E-18	5.2E-16
1,2,3,7,8,9-HxCDD	3.3E-19	3.9E-17	7.5E-16	1.5E-16	5.9E-15	2.8E-11	1.1E-09	3.5E-12	3.8E-10	7.5E-18	6.4E-16
1,2,3,7,8,9-HxCDF	2.5E-20	2.2E-18	4.4E-17	8.9E-18	3.5E-16	1.8E-12	7.2E-11	2.2E-13	2.4E-11	4.3E-19	3.8E-17
1,2,3,7,8-PeCDD	6.3E-19	1.4E-17	2.7E-16	5.4E-17	2.1E-15	1.1E-11	4.5E-10	1.4E-12	1.5E-10	2.6E-18	2.3E-16
1,2,3,7,8-PeCDF	8.8E-19	1.6E-17	3.2E-16	6.3E-17	2.5E-15	1.6E-11	6.5E-10	2.0E-12	2.2E-10	3.1E-18	2.7E-16

Table H-377 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	4.4E-19	4.9E-17	9.3E-16	1.9E-16	7.3E-15	3.6E-11	1.4E-09	4.5E-12	4.8E-10	9.5E-18	7.9E-16
2,3,4,7,8-PeCDF	1.4E-18	3.8E-17	7.5E-16	1.5E-16	6.0E-15	3.5E-11	1.4E-09	4.4E-12	4.8E-10	7.4E-18	6.4E-16
2,3,7,8-TCDD	2.1E-19	2.8E-18	4.0E-17	1.1E-17	3.2E-16	4.4E-12	1.5E-10	5.6E-13	5.0E-11	3.7E-16	2.4E-14
2,3,7,8-TCDF	6.9E-19	5.1E-18	1.0E-16	2.0E-17	8.0E-16	1.6E-11	6.7E-10	2.0E-12	2.2E-10	9.8E-19	8.6E-17
OCDD	1.4E-21	7.2E-17	1.3E-15	2.8E-16	1.0E-14	4.8E-11	1.9E-09	6.0E-12	6.4E-10	1.4E-17	1.1E-15
OCDF	5.3E-22	2.8E-17	5.0E-16	1.1E-16	3.9E-15	1.8E-11	7.0E-10	2.3E-12	2.3E-10	5.4E-18	4.2E-16
HCN											
Hydrogen cyanide						1.4E-05	5.3E-04	1.7E-06	1.8E-04		
Metals											
Aluminum				8.8E-04						4.3E-05	
Antimony	1.3E-18			3.2E-08		8.9E-07	2.2E-05	1.1E-07	7.4E-06	1.6E-09	
Arsenic	7.0E-17	3.1E-08	4.1E-18	7.3E-08	2.0E-17	5.1E-08	1.8E-06	6.4E-09	6.0E-07	5.9E-09	3.5E-18
Barium	1.9E-13			2.3E-10	8.1E-09	1.1E-05	2.9E-04	1.3E-06	9.7E-05	1.1E-11	8.7E-10
Beryllium	2.8E-18			9.0E-17	3.4E-15	3.7E-09	1.2E-07	4.6E-10	4.1E-08	4.4E-18	3.6E-16
Cadmium	7.2E-16			7.0E-17	2.7E-15	6.5E-08	2.3E-06	8.1E-09	7.6E-07	3.4E-18	2.9E-16
Chromium	2.1E-16			6.1E-12	2.4E-10	5.5E-07	2.0E-05	6.9E-08	6.6E-06	3.0E-13	2.6E-11
Cobalt				2.3E-06	7.5E-10	8.4E-07	1.5E-05	1.1E-07	5.1E-06	1.1E-07	8.1E-11
Copper				2.5E-11	9.5E-10	1.5E-06	5.2E-05	1.9E-07	1.7E-05	1.2E-12	1.0E-10
Iron				1.9E-03						9.6E-05	
Lead	5.9E-19			9.2E-06	3.3E-13	5.1E-07	1.7E-05	6.4E-08	5.6E-06	4.5E-07	3.5E-14
Manganese				6.8E-14	2.6E-12	4.7E-07	1.6E-05	5.8E-08	5.4E-06	3.3E-15	2.8E-13
Mercury (+2)				2.8E-15	8.5E-14	2.0E-09	7.1E-08	2.5E-10	2.4E-08	1.3E-16	9.2E-15
Mercury, elemental				1.5E-07		8.4E-12	3.0E-10	1.1E-12	9.9E-11	2.8E-04	
Methyl Mercury	7.2E-16			1.6E-16	6.3E-15					8.0E-18	6.8E-16

Table H-377 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	2.8E-16			4.8E-05	1.3E-14	3.0E-07	1.0E-05	3.7E-08	3.4E-06	2.3E-06	1.4E-15
Phosphorus				6.4E-16	2.4E-14	2.3E-06	7.4E-05	2.8E-07	2.5E-05	6.2E-12	5.0E-10
Selenium	2.4E-17			3.5E-18	1.3E-16	1.5E-08	5.2E-07	1.9E-09	1.7E-07	1.7E-19	1.4E-17
Silver	1.7E-17			6.4E-14	2.4E-12	9.8E-09	3.2E-07	1.2E-09	1.1E-07	3.1E-15	2.6E-13
Titanium				6.9E-16	2.8E-14	5.2E-09	2.0E-07	6.5E-10	6.5E-08	3.4E-17	3.0E-15
Zinc	3.5E-13			1.6E-14	5.6E-13	1.2E-05	3.4E-04	1.5E-06	1.1E-04	7.7E-16	6.0E-14
NOx											
NOx (Oxides of Nitrogen)						1.3E-04	4.5E-03	1.7E-05	1.5E-03		
PAHs											
1-Methylnaphthalene		2.0E-17	4.2E-16	1.9E-17	7.6E-16	2.8E-06	1.2E-04	3.5E-07	3.9E-05	2.1E-14	1.9E-12
1-Methylphenanthrene				1.2E-14	5.2E-13	3.4E-07	1.4E-05	4.2E-08	4.7E-06	6.1E-16	5.6E-14
2,3,5-Trimethylnaphthalene				5.8E-15	2.5E-13	1.7E-07	7.2E-06	2.1E-08	2.4E-06	2.9E-16	2.7E-14
2,6-Dimethylnaphthalene				1.6E-14	6.7E-13	4.4E-07	1.9E-05	5.5E-08	6.2E-06	7.8E-16	7.3E-14
2-Methylnaphthalene		2.0E-17	4.0E-16	1.8E-17	7.4E-16	2.7E-06	1.1E-04	3.4E-07	3.8E-05	2.1E-14	1.9E-12
Acenaphthylene				5.1E-14	2.2E-12	1.6E-06	6.8E-05	2.0E-07	2.3E-05	2.5E-15	2.3E-13
Acenaphthene	2.9E-16					3.0E-07	1.2E-05	3.7E-08	4.1E-06		
Anthracene	3.7E-15					5.2E-07	2.2E-05	6.5E-08	7.3E-06		
Benzo(a)anthracene	5.3E-13	1.9E-09	3.4E-12	1.7E-09	6.3E-12	2.6E-07	1.1E-05	3.2E-08	3.7E-06	2.6E-08	2.1E-10
Benzo(a)pyrene	2.6E-13	2.2E-09	1.5E-12	2.0E-09	2.6E-12	1.0E-07	4.2E-06	1.3E-08	1.4E-06	9.9E-11	2.9E-13
Benzo(b)fluoranthene	7.1E-14	4.0E-09	7.9E-14	3.6E-09	1.4E-13	1.1E-07	4.5E-06	1.4E-08	1.5E-06	1.8E-10	1.5E-14
Benzo(e)pyrene				2.9E-15	1.1E-13	8.6E-08	3.5E-06	1.1E-08	1.2E-06	1.4E-16	1.2E-14
Benzo(g,h,i)perylene				2.2E-15	8.7E-14	6.6E-08	2.7E-06	8.2E-09	9.1E-07	1.1E-16	9.4E-15
Benzo(k)fluoranthene	5.9E-16	3.0E-09	4.7E-14	2.8E-09	8.6E-14	1.0E-09	1.8E-08	1.2E-10	5.9E-09	1.3E-10	9.2E-15
Biphenyl				2.9E-16	1.2E-14	9.5E-06	4.0E-04	1.2E-06	1.3E-04	1.7E-13	1.5E-11

Table H-377 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	9.1E-14	2.3E-09	4.1E-12	2.1E-09	7.5E-12	4.4E-07	1.8E-05	5.5E-08	6.0E-06	1.0E-10	8.1E-13
Dibenze(a,h)anthracene	1.3E-14	2.6E-14	5.1E-13	2.3E-14	9.3E-13	1.6E-08	6.5E-07	2.0E-09	2.2E-07	1.1E-15	1.0E-13
Fluoranthene	2.4E-14	5.4E-15	1.1E-13	5.0E-15	2.0E-13	6.4E-07	2.7E-05	8.0E-08	8.9E-06	2.4E-16	2.2E-14
Fluorene	5.2E-15					1.6E-06	6.8E-05	2.0E-07	2.3E-05		
Indeno(1,2,3-cd)pyrene	3.3E-14	9.7E-10	1.4E-12	8.8E-10	2.6E-12	5.3E-08	2.2E-06	6.6E-09	7.3E-07	4.3E-11	2.8E-13
Napthalene	2.4E-15					1.3E-05	5.3E-04	1.6E-06	1.8E-04		
Perylene				1.1E-15	5.3E-14	4.0E-08	1.7E-06	4.9E-09	5.8E-07	5.5E-17	5.7E-15
Phenanthrene	2.5E-14					3.0E-06	1.2E-04	3.8E-07	4.1E-05		
Pyrene	1.7E-14	1.8E-14	3.8E-13	1.7E-14	6.9E-13	6.3E-07	2.6E-05	7.8E-08	8.7E-06	4.7E-13	4.2E-11
Particulate											
Particulate Total Suspended Particulate				2.6E-10	1.0E-08	2.0E-03	7.7E-02	2.5E-04	2.6E-02	1.3E-11	1.1E-09
PM<10				3.3E-10	1.4E-08	2.6E-03	1.0E-01	3.3E-04	3.5E-02	1.6E-11	1.5E-09
PM<2.5				2.7E-10	1.1E-08	2.3E-03	9.0E-02	2.8E-04	3.0E-02	1.3E-11	1.2E-09
PCBs											
Dichlorobiphenyl	5.2E-16	4.9E-17	9.8E-16	4.2E-17	1.7E-15	8.0E-09	3.3E-07	9.9E-10	1.1E-07	3.9E-15	3.4E-13
Heptachlorobiphenyl	2.0E-17	5.7E-18	1.1E-16	4.8E-18	1.9E-16	1.1E-10	4.4E-09	1.4E-11	1.5E-09	2.5E-16	2.1E-14
Hexachlorobiphenyl	8.0E-17	2.6E-17	4.6E-16	2.2E-17	7.9E-16	4.6E-10	1.8E-08	5.7E-11	5.9E-09	1.1E-15	8.8E-14
Monochlorobiphenyl	3.6E-15	3.4E-16	6.8E-15	2.9E-16	1.2E-14	5.5E-08	2.3E-06	6.9E-09	7.6E-07	2.7E-14	2.4E-12
Nonachlorobiphenyl	2.5E-18	1.0E-18	1.6E-17	8.5E-19	2.7E-17	1.5E-11	5.5E-10	1.9E-12	1.8E-10	4.3E-17	3.0E-15
Octachlorobiphenyl	5.8E-18	1.9E-18	3.4E-17	1.6E-18	5.7E-17	3.3E-11	1.3E-09	4.2E-12	4.3E-10	8.0E-17	6.4E-15
Pentachlorobiphenyl	2.6E-16	9.3E-17	1.6E-15	7.9E-17	2.7E-15	1.6E-09	5.9E-08	2.0E-10	2.0E-08	4.0E-15	3.0E-13
Tetrachlorobiphenyl	1.6E-16	1.9E-17	3.2E-16	1.6E-17	5.4E-16	2.6E-09	9.7E-08	3.2E-10	3.2E-08	1.5E-15	1.1E-13
Trichlorobiphenyl	2.0E-16	2.3E-17	4.0E-16	1.9E-17	6.8E-16	3.3E-09	1.3E-07	4.1E-10	4.2E-08	1.8E-15	1.4E-13
Pesticides											

Table H-377 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chlordecone (Kepone)		1.1E-07		1.3E-07						6.3E-09	
DDE				1.8E-08						5.6E-07	
SVOCs											
1,2,4-trichlorobenzene						2.3E-08	7.4E-07	2.9E-09	2.5E-07		
1,2-dichlorobenzene	2.4E-19					9.3E-09	1.7E-07	1.2E-09	5.5E-08		
1,3-Butadiene						1.9E-03					
1,3-dichlorobenzene	5.9E-19					1.4E-08	4.7E-07	1.7E-09	1.6E-07		
1,4-dichlorobenzene	7.9E-18					1.3E-07	5.8E-06	1.6E-08	1.9E-06		
2,4-Dimethylphenol	2.2E-16					2.0E-06	8.1E-05	2.5E-07	2.7E-05		
2-Chlorophenol	1.1E-17					4.1E-07	1.8E-05	5.1E-08	5.9E-06		
2-Methylphenol	4.5E-15					4.8E-06	2.0E-04	6.0E-07	6.7E-05		
2-Nitrophenol	2.7E-17					6.5E-07	2.7E-05	8.1E-08	8.9E-06		
3-Methylphenol & 4-Methylphenol				3.2E-13	1.3E-11	8.6E-06	3.6E-04	1.1E-06	1.2E-04	1.5E-14	1.4E-12
4-Nitrophenol	5.6E-17					1.1E-06	4.1E-05	1.3E-07	1.4E-05		
Acetophenone	3.4E-16					1.0E-05	4.2E-04	1.3E-06	1.4E-04		
Benzoic acid	1.4E-15					4.6E-05	1.9E-03	5.8E-06	6.4E-04		
Benzyl alcohol	8.4E-19					3.9E-07	1.2E-05	4.8E-08	3.9E-06		
bis(2-Ethylhexyl) phthalate	4.2E-14	5.8E-13	1.0E-11	6.8E-13	2.4E-11	1.6E-05	6.3E-04	2.0E-06	2.1E-04	3.3E-14	2.6E-12
Butyl benzyl phthalate	1.5E-14	2.8E-16	5.7E-15	3.3E-16	1.3E-14	5.1E-07	2.1E-05	6.4E-08	7.1E-06	1.6E-17	1.5E-15
Carbazole				1.2E-15	2.2E-14	1.4E-08	2.6E-07	1.8E-09	8.6E-08	5.9E-17	2.4E-15
Dibenzofuran		1.2E-17	2.5E-16	4.8E-17	1.9E-15	8.2E-07	3.4E-05	1.0E-07	1.1E-05	2.1E-14	1.8E-12
Dimethyl phthalate	5.5E-18					2.9E-08	5.1E-07	3.6E-09	1.7E-07		
Di-n-butyl phthalate	1.4E-13	2.8E-16	5.7E-15	3.3E-16	1.4E-14	7.9E-07	3.3E-05	9.8E-08	1.1E-05	1.6E-17	1.5E-15
Di-n-octyl phthalate	1.1E-18	8.1E-16	7.4E-15	9.5E-16	1.8E-14	5.5E-08	9.8E-07	6.9E-09	3.3E-07	4.7E-17	1.9E-15

Table H-377 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/V apors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Va pors Outdoors at Home (ug/m3)
Hexachlorobutadiene	5.8E-16					3.8E-06	6.8E-05	4.8E-07	2.3E-05		
Isopropanol						2.9E-02					
Phenol	1.3E-14					2.6E-05	1.1E-03	3.2E-06	3.6E-04		
Pyridine	6.6E-16					2.4E-06	1.0E-04	3.1E-07	3.4E-05		
TRS											
Total Reduced Sulfur						2.5E-05	1.1E-03	3.1E-06	3.6E-04		
VOCs											
1,1,1,2-Tetrachloroethane	2.3E-19					1.2E-08	3.9E-07	1.4E-09	1.3E-07		
1,1,1-Trichloroethane	1.5E-20					1.1E-08	4.3E-07	1.4E-09	1.4E-07		
1,1-Dichloroethene	5.1E-22					2.2E-09	4.0E-08	2.8E-10	1.3E-08		
1,2,3-Trichlorobenzene	1.6E-17					4.6E-08	1.7E-06	5.7E-09	5.7E-07		
1,2,3-Trichloropropane	9.3E-20					9.3E-09	1.7E-07	1.2E-09	5.5E-08		
1,2,4-Trimethylbenzene						5.3E-07	1.7E-05	6.7E-08	5.6E-06		
1,2-Dibromoethane	3.2E-20					5.9E-09	1.1E-07	7.4E-10	3.5E-08		
1,2-Dichloroethane	1.0E-18					2.4E-07	9.0E-06	8.6E-05	3.0E-06		
1,3,5-Trimethylbenzene	5.2E-18					5.0E-07	1.5E-05	6.3E-08	5.0E-06		
1,3-Dichloropropane						5.7E-09	1.0E-07	7.2E-10	3.4E-08		
2-Butanone	2.1E-16					2.8E-06	1.1E-04	3.5E-07	3.7E-05		
2-Chlorotoluene						1.3E-07	5.2E-06	1.6E-08	1.7E-06		
2-Hexanone						5.8E-07	2.1E-05	7.2E-08	7.0E-06		
Benzene	1.7E-16					7.2E-03	2.9E-03	8.3E-04	9.7E-04		
Bromobenzene						3.2E-06	5.7E-05	4.0E-07	1.9E-05		
Bromochloromethane						7.6E-09	1.3E-07	9.4E-10	4.5E-08		
Bromodichloromethane	2.7E-20					8.2E-09	1.5E-07	1.0E-09	4.9E-08		

Table H-377 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
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Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromomethane	1.1E-19					3.3E-07	9.8E-06	4.1E-08	3.3E-06		
Carbon disulfide	1.1E-19					2.9E-07	8.4E-06	3.6E-08	2.8E-06		
Carbon tetrachloride	1.2E-20					1.3E-02	3.3E-07	1.3E-03	1.1E-07		
Chlorobenzene	4.0E-18					4.1E-07	1.5E-05	5.2E-08	4.9E-06		
Chlorodibromomethane	1.6E-18					2.0E-07	3.6E-06	2.5E-08	1.2E-06		
Chloroethane	3.2E-19					7.8E-07	2.7E-05	9.8E-08	9.1E-06		
Chloroform	2.4E-19					1.9E-03	3.3E-06	2.1E-04	1.1E-06		
Chloromethane	8.4E-19					2.7E-06	8.0E-05	3.3E-07	2.7E-05		
cis-1,2-Dichloroethene	3.3E-19					3.4E-07	6.1E-06	4.3E-08	2.0E-06		
cis-1,3-Dichloropropene						2.1E-09	3.7E-08	2.6E-10	1.2E-08		
Dibromomethane	3.6E-20					1.7E-08	3.1E-07	2.2E-09	1.0E-07		
Dichlorodifluoromethane	4.0E-22					2.1E-08	3.8E-07	2.7E-09	1.3E-07		
Ethylbenzene	1.3E-16					2.3E-03	6.3E-04	2.1E-06	2.1E-04		
Isopropylbenzene	1.7E-19					1.4E-06	4.6E-05	1.7E-07	1.5E-05		
m&p-Xylene	2.0E-17					3.1E-06	1.1E-04	3.9E-07	3.5E-05		
Methyl Isobutyl Ketone (4-methyl-2-per	2.1E-19					3.1E-08	5.4E-07	3.8E-09	1.8E-07		
Methylene chloride	2.2E-18					1.5E-06	5.7E-05	1.9E-07	1.9E-05		
n-Butylbenzene						6.7E-07	2.0E-05	8.3E-08	6.6E-06		
n-Propylbenzene						8.0E-07	2.6E-05	1.0E-07	8.8E-06		
o-Xylene	2.4E-17					2.0E-06	6.5E-05	2.5E-07	2.2E-05		
p-Chlorotoluene						4.8E-08	1.4E-06	5.9E-09	4.8E-07		
p-Isopropyltoluene						3.3E-07	7.9E-06	4.1E-08	2.6E-06		
sec-Butylbenzene						1.2E-07	3.7E-06	1.5E-08	1.2E-06		
Styrene	8.0E-16					4.4E-05	1.6E-03	5.5E-06	5.3E-04		

Table H-377 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Particulate/Vapors Outdoors at CJ (ug/m3)	Particulate/Vapors Outdoors at Home (ug/m3)
tert-Butylbenzene						3.9E-06	7.0E-05	4.9E-07	2.3E-05				
Tetrachloroethene	5.7E-20					1.0E-08	3.6E-07	1.3E-09	1.2E-07				
Toluene	1.3E-16					2.7E-05	1.1E-03	3.4E-06	3.5E-04				
trans-1,2-Dichloroethene	5.0E-18					7.2E-06	1.3E-04	9.1E-07	4.3E-05				
trans-1,3-Dichloropropene						3.6E-09	6.5E-08	4.5E-10	2.2E-08				
Trichloroethene	5.8E-22					6.2E-10	1.1E-08	7.8E-11	3.7E-09				
Trichlorofluoromethane	9.0E-22					7.5E-09	1.3E-07	9.4E-10	4.4E-08				
Vinyl chloride	4.1E-20					4.2E-07	1.0E-05	5.3E-08	3.4E-06				

Table H-378 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Acid Gas											
Hydrogen Chloride						8.4E-07	3.0E-05	1.0E-07	9.9E-06		
Aldehydes											
Acetaldehyde	9.2E-14					1.4E-06	5.2E-05	1.8E-07	1.7E-05		
Formaldehyde	4.5E-13					3.2E-03	2.0E-05	7.7E-08	6.8E-06		
Propionaldehyde				2.2E-15	7.2E-14	1.6E-07	5.8E-06	2.0E-08	1.9E-06	1.7E-14	1.2E-12
CO											
Carbon monoxide						4.5E-05	1.7E-03	5.6E-06	5.6E-04		
CO2											
Carbon dioxide						1.4E-06	5.0E-05	1.8E-07	1.7E-05		
Criteria											
Sulfur Dioxide						3.8E-07	1.2E-05	4.7E-08	4.1E-06		
DIOXINS											
1,2,3,4,6,7,8-HpCDD	1.8E-18	2.2E-15	4.0E-14	8.5E-15	3.2E-13	8.5E-13	3.4E-11	1.1E-13	1.1E-11	4.2E-19	3.4E-17
1,2,3,4,6,7,8-HpCDF	1.8E-18	2.2E-15	4.1E-14	8.6E-15	3.2E-13	8.6E-13	3.4E-11	1.1E-13	1.1E-11	4.2E-19	3.5E-17
1,2,3,4,7,8,9-HpCDF	2.5E-19	2.5E-16	4.9E-15	9.9E-16	3.9E-14	1.1E-13	4.4E-12	1.4E-14	1.5E-12	4.8E-20	4.2E-18
1,2,3,4,7,8-HxCDD	2.0E-18	2.5E-16	4.7E-15	9.7E-16	3.7E-14	1.0E-13	4.1E-12	1.3E-14	1.4E-12	4.7E-20	4.0E-18
1,2,3,4,7,8-HxCDF	1.3E-17	2.0E-15	3.8E-14	7.7E-15	3.0E-13	8.3E-13	3.3E-11	1.0E-13	1.1E-11	3.8E-19	3.2E-17
1,2,3,6,7,8-HxCDD	3.7E-18	5.0E-16	9.7E-15	2.0E-15	7.7E-14	2.1E-13	8.7E-12	2.7E-14	2.9E-12	9.7E-20	8.3E-18
1,2,3,6,7,8-HxCDF	4.9E-18	6.4E-16	1.2E-14	2.5E-15	9.8E-14	2.7E-13	1.1E-11	3.4E-14	3.6E-12	1.2E-19	1.1E-17
1,2,3,7,8,9-HxCDD	5.6E-18	7.9E-16	1.5E-14	3.1E-15	1.2E-13	3.2E-13	1.3E-11	4.1E-14	4.4E-12	1.5E-19	1.3E-17
1,2,3,7,8,9-HxCDF	3.8E-19	4.6E-17	8.9E-16	1.8E-16	7.1E-15	2.1E-14	8.4E-13	2.6E-15	2.8E-13	8.8E-21	7.6E-19
1,2,3,7,8-PeCDD	8.4E-18	2.8E-16	5.4E-15	1.1E-15	4.3E-14	1.3E-13	5.3E-12	1.6E-14	1.8E-12	5.4E-20	4.6E-18
1,2,3,7,8-PeCDF	1.2E-17	3.3E-16	6.4E-15	1.3E-15	5.1E-14	1.8E-13	7.5E-12	2.3E-14	2.5E-12	6.3E-20	5.5E-18

Table H-378 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
2,3,4,6,7,8-HxCDF	7.0E-18	1.0E-15	1.9E-14	3.9E-15	1.5E-13	4.2E-13	1.7E-11	5.2E-14	5.6E-12	1.9E-19	1.6E-17
2,3,4,7,8-PeCDF	1.9E-17	7.8E-16	1.5E-14	3.1E-15	1.2E-13	4.1E-13	1.7E-11	5.2E-14	5.6E-12	1.5E-19	1.3E-17
2,3,7,8-TCDD	2.7E-18	5.5E-17	8.0E-16	2.2E-16	6.3E-15	5.2E-14	1.7E-12	6.5E-15	5.8E-13	7.4E-18	4.7E-16
2,3,7,8-TCDF	8.2E-18	1.0E-16	2.0E-15	4.0E-16	1.6E-14	1.9E-13	7.8E-12	2.4E-14	2.6E-12	2.0E-20	1.7E-18
OCDD	2.5E-20	1.5E-15	2.7E-14	5.8E-15	2.1E-13	5.6E-13	2.2E-11	7.0E-14	7.4E-12	2.8E-19	2.3E-17
OCDF	9.3E-21	5.7E-16	1.0E-14	2.2E-15	8.0E-14	2.1E-13	8.2E-12	2.6E-14	2.7E-12	1.1E-19	8.6E-18
HCN											
Hydrogen cyanide						1.6E-07	6.2E-06	2.0E-08	2.1E-06		
Metals											
Aluminum				1.0E-02						5.0E-07	
Antimony	1.6E-17			3.8E-07		1.0E-08	2.6E-07	1.3E-09	8.6E-08	1.8E-11	
Arsenic	8.1E-16	3.6E-07	4.8E-17	8.5E-07	2.3E-16	5.9E-10	2.1E-08	7.4E-11	7.0E-09	6.9E-11	4.1E-20
Barium	2.7E-12			4.4E-09	1.5E-07	1.3E-07	3.4E-06	1.6E-08	1.1E-06	2.1E-13	1.6E-11
Beryllium	3.3E-17			1.0E-15	3.9E-14	4.3E-11	1.5E-09	5.4E-12	4.8E-10	5.1E-20	4.3E-18
Cadmium	8.3E-15			8.2E-16	3.1E-14	7.6E-10	2.6E-08	9.5E-11	8.8E-09	4.0E-20	3.4E-18
Chromium	2.8E-15			9.6E-11	3.7E-09	6.5E-09	2.3E-07	8.1E-10	7.7E-08	4.7E-15	4.0E-13
Cobalt				2.6E-05	1.4E-08	9.8E-09	1.8E-07	1.2E-09	6.0E-08	1.3E-09	1.5E-12
Copper				4.5E-10	1.7E-08	1.8E-08	6.1E-07	2.2E-09	2.0E-07	2.2E-14	1.8E-12
Iron				2.3E-02						1.1E-06	
Lead	6.9E-18			1.1E-04	3.8E-12	6.0E-09	2.0E-07	7.5E-10	6.5E-08	5.2E-09	4.1E-16
Manganese				8.0E-13	3.1E-11	5.5E-09	1.9E-07	6.8E-10	6.3E-08	3.9E-17	3.3E-15
Mercury (+2)				6.4E-14	2.0E-12	2.4E-11	8.3E-10	2.9E-12	2.8E-10	3.1E-18	2.1E-16
Mercury, elemental				1.7E-06		9.8E-14	3.5E-12	1.2E-14	1.2E-12	3.3E-06	
Methyl Mercury	1.3E-14			3.8E-15	1.5E-13					1.9E-19	1.6E-17

Table H-378 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Nickel	3.3E-15			5.6E-04	1.6E-13	3.5E-09	1.2E-07	4.3E-10	4.0E-08	2.7E-08	1.7E-17
Phosphorus				7.5E-15	2.8E-13	2.6E-08	8.6E-07	3.3E-09	2.9E-07	7.2E-14	5.9E-12
Selenium	2.8E-16			4.0E-17	1.6E-15	1.7E-10	6.1E-09	2.2E-11	2.0E-09	2.0E-21	1.7E-19
Silver	2.1E-16			8.5E-13	3.2E-11	1.1E-10	3.7E-09	1.4E-11	1.2E-09	4.2E-17	3.4E-15
Titanium				8.0E-15	3.2E-13	6.1E-11	2.3E-09	7.6E-12	7.6E-10	3.9E-19	3.5E-17
Zinc	4.1E-12			1.8E-13	6.5E-12	1.4E-07	3.9E-06	1.7E-08	1.3E-06	9.0E-18	7.0E-16
NOx											
NOx (Oxides of Nitrogen)						1.6E-06	5.2E-05	2.0E-07	1.7E-05		
PAHs											
1-Methylnaphthalene		2.4E-16	4.9E-15	2.2E-16	8.9E-15	3.3E-08	1.4E-06	4.1E-09	4.6E-07	2.5E-16	2.2E-14
1-Methylphenanthrene				1.5E-13	6.0E-12	3.9E-09	1.7E-07	4.9E-10	5.5E-08	7.1E-18	6.5E-16
2,3,5-Trimethylnaphthalene				6.8E-14	3.0E-12	1.9E-09	8.4E-08	2.4E-10	2.8E-08	3.3E-18	3.2E-16
2,6-Dimethylnaphthalene				1.9E-13	7.9E-12	5.1E-09	2.2E-07	6.4E-10	7.3E-08	9.1E-18	8.5E-16
2-Methylnaphthalene		2.3E-16	4.7E-15	2.1E-16	8.6E-15	3.2E-08	1.3E-06	4.0E-09	4.4E-07	2.4E-16	2.2E-14
Acenaphthylene				6.0E-13	2.5E-11	1.9E-08	8.0E-07	2.4E-09	2.7E-07	2.9E-17	2.7E-15
Acenaphthene	3.4E-15					3.5E-09	1.4E-07	4.3E-10	4.8E-08		
Anthracene	4.3E-14					6.1E-09	2.6E-07	7.6E-10	8.6E-08		
Benzo(a)anthracene	6.2E-12	2.2E-08	4.4E-11	2.0E-08	8.0E-11	3.0E-09	1.3E-07	3.7E-10	4.3E-08	3.0E-10	2.7E-12
Benzo(a)pyrene	3.1E-12	2.6E-08	1.8E-11	2.4E-08	3.3E-11	1.2E-09	4.9E-08	1.5E-10	1.6E-08	1.2E-12	3.6E-15
Benzo(b)fluoranthene	8.3E-13	4.7E-08	1.0E-12	4.2E-08	1.8E-12	1.3E-09	5.3E-08	1.6E-10	1.8E-08	2.1E-12	2.0E-16
Benzo(e)pyrene				3.4E-14	1.3E-12	1.0E-09	4.1E-08	1.3E-10	1.4E-08	1.7E-18	1.4E-16
Benzo(g,h,i)perylene				2.5E-14	1.0E-12	7.7E-10	3.2E-08	9.6E-11	1.1E-08	1.2E-18	1.1E-16
Benzo(k)fluoranthene	7.9E-15	3.5E-08	7.3E-13	3.2E-08	1.3E-12	1.2E-11	2.1E-10	1.5E-12	6.9E-11	1.6E-12	1.4E-16
Biphenyl				3.3E-15	1.4E-13	1.1E-07	4.7E-06	1.4E-08	1.6E-06	2.0E-15	1.8E-13

Table H-378 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chrysene	1.1E-12	2.7E-08	5.6E-11	2.5E-08	1.0E-10	5.1E-09	2.1E-07	6.4E-10	7.1E-08	1.2E-12	1.1E-14
Dibenze(a,h)anthracene	1.6E-13	3.4E-13	6.8E-12	3.1E-13	1.2E-11	1.9E-10	7.6E-09	2.3E-11	2.5E-09	1.5E-17	1.3E-15
Fluoranthene	2.8E-13	6.8E-14	1.4E-12	6.1E-14	2.5E-12	7.5E-09	3.1E-07	9.4E-10	1.0E-07	3.0E-18	2.7E-16
Fluorene	6.1E-14					1.9E-08	7.9E-07	2.3E-09	2.6E-07		
Indeno(1,2,3-cd)pyrene	4.0E-13	1.1E-08	1.8E-11	1.0E-08	3.3E-11	6.2E-10	2.5E-08	7.7E-11	8.5E-09	5.0E-13	3.6E-15
Napthalene	2.8E-14					1.5E-07	6.2E-06	1.9E-08	2.1E-06		
Perylene				1.3E-14	6.2E-13	4.6E-10	2.0E-08	5.8E-11	6.8E-09	6.5E-19	6.6E-17
Phenanthrene	2.9E-13					3.5E-08	1.5E-06	4.4E-09	4.8E-07		
Pyrene	2.0E-13	2.8E-13	5.7E-12	2.5E-13	1.0E-11	7.3E-09	3.0E-07	9.1E-10	1.0E-07	7.1E-15	6.4E-13
Particulate											
Particulate Total Suspended Particulate				3.0E-09	1.2E-07	2.3E-05	9.0E-04	2.9E-06	3.0E-04	1.5E-13	1.3E-11
PM<10				3.8E-09	1.6E-07	3.1E-05	1.2E-03	3.9E-06	4.0E-04	1.9E-13	1.7E-11
PM<2.5				3.2E-09	1.3E-07	2.6E-05	1.0E-03	3.3E-06	3.5E-04	1.6E-13	1.4E-11
PCBs											
Dichlorobiphenyl	6.1E-15	9.9E-16	2.0E-14	8.3E-16	3.3E-14	9.3E-11	3.8E-09	1.2E-11	1.3E-09	7.8E-17	6.8E-15
Heptachlorobiphenyl	2.3E-16	1.2E-16	2.2E-15	9.8E-17	3.8E-15	1.3E-12	5.1E-11	1.6E-13	1.7E-11	5.0E-18	4.2E-16
Hexachlorobiphenyl	9.4E-16	5.2E-16	9.4E-15	4.4E-16	1.6E-14	5.3E-12	2.1E-10	6.7E-13	6.9E-11	2.3E-17	1.8E-15
Monochlorobiphenyl	4.3E-14	6.9E-15	1.4E-13	5.8E-15	2.3E-13	6.5E-10	2.7E-08	8.1E-11	8.9E-09	5.4E-16	4.7E-14
Nonachlorobiphenyl	2.9E-17	2.0E-17	3.2E-16	1.7E-17	5.4E-16	1.8E-13	6.4E-12	2.2E-14	2.1E-12	8.8E-19	6.0E-17
Octachlorobiphenyl	6.9E-17	3.8E-17	6.9E-16	3.2E-17	1.2E-15	3.9E-13	1.5E-11	4.9E-14	5.1E-12	1.6E-18	1.3E-16
Pentachlorobiphenyl	3.1E-15	1.9E-15	3.2E-14	1.6E-15	5.5E-14	1.8E-11	6.9E-10	2.3E-12	2.3E-10	8.1E-17	6.1E-15
Tetrachlorobiphenyl	1.8E-15	3.8E-16	6.4E-15	3.2E-16	1.1E-14	3.0E-11	1.1E-09	3.8E-12	3.8E-10	3.0E-17	2.2E-15
Trichlorobiphenyl	2.4E-15	4.5E-16	8.1E-15	3.8E-16	1.4E-14	3.8E-11	1.5E-09	4.8E-12	4.9E-10	3.6E-17	2.8E-15
Pesticides											

Table H-378 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Chlordecone (Kepone)		1.3E-06		1.5E-06						7.3E-11	
DDE				2.1E-07						6.5E-09	
SVOCs											
1,2,4-trichlorobenzene						2.7E-10	8.7E-09	3.4E-11	2.9E-09		
1,2-dichlorobenzene	2.8E-18					1.1E-10	1.9E-09	1.4E-11	6.5E-10		
1,3-Butadiene						2.2E-05					
1,3-dichlorobenzene	6.9E-18					1.6E-10	5.5E-09	2.0E-11	1.8E-09		
1,4-dichlorobenzene	9.2E-17					1.5E-09	6.8E-08	1.9E-10	2.3E-08		
2,4-Dimethylphenol	2.5E-15					2.4E-08	9.5E-07	3.0E-09	3.2E-07		
2-Chlorophenol	1.3E-16					4.7E-09	2.1E-07	5.9E-10	6.9E-08		
2-Methylphenol	5.3E-14					5.6E-08	2.3E-06	7.0E-09	7.8E-07		
2-Nitrophenol	3.2E-16					7.6E-09	3.1E-07	9.4E-10	1.0E-07		
3-Methylphenol & 4-Methylphenol				3.7E-12	1.5E-10	1.0E-07	4.2E-06	1.3E-08	1.4E-06	1.8E-16	1.7E-14
4-Nitrophenol	6.5E-16					1.3E-08	4.8E-07	1.6E-09	1.6E-07		
Acetophenone	3.9E-15					1.2E-07	4.9E-06	1.5E-08	1.6E-06		
Benzoic acid	1.6E-14					5.4E-07	2.2E-05	6.7E-08	7.5E-06		
Benzyl alcohol	9.8E-18					4.5E-09	1.4E-07	5.6E-10	4.5E-08		
bis(2-Ethylhexyl) phthalate	4.9E-13	6.7E-12	1.2E-10	8.0E-12	2.9E-10	1.9E-07	7.4E-06	2.4E-08	2.5E-06	3.9E-16	3.1E-14
Butyl benzyl phthalate	1.8E-13	3.3E-15	6.6E-14	3.8E-15	1.6E-13	6.0E-09	2.5E-07	7.5E-10	8.3E-08	1.9E-19	1.7E-17
Carbazole				1.4E-14	2.6E-13	1.7E-10	3.0E-09	2.1E-11	1.0E-09	6.9E-19	2.8E-17
Dibenzofuran		1.4E-16	2.9E-15	5.7E-16	2.3E-14	9.5E-09	3.9E-07	1.2E-09	1.3E-07	2.4E-16	2.1E-14
Dimethyl phthalate	6.5E-17					3.3E-10	5.9E-09	4.2E-11	2.0E-09		
Di-n-butyl phthalate	1.7E-12	3.3E-15	6.7E-14	3.9E-15	1.6E-13	9.2E-09	3.8E-07	1.1E-09	1.3E-07	1.9E-19	1.7E-17
Di-n-octyl phthalate	1.3E-17	9.4E-15	8.7E-14	1.1E-14	2.1E-13	6.4E-10	1.1E-08	8.0E-11	3.8E-09	5.5E-19	2.2E-17

Table H-378 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of Particulate/Vapors Outdoors at CJ (ug/m3)	Inhalation of Particulate/Vapors Outdoors at Home (ug/m3)
Hexachlorobutadiene	6.7E-15					4.4E-08	7.9E-07	5.5E-09	2.6E-07		
Isopropanol						3.4E-04					
Phenol	1.5E-13					3.0E-07	1.2E-05	3.8E-08	4.2E-06		
Pyridine	7.7E-15					2.9E-08	1.2E-06	3.6E-09	4.0E-07		
TRS											
Total Reduced Sulfur						2.9E-07	1.3E-05	3.6E-08	4.2E-06		
VOCs											
1,1,1,2-Tetrachloroethane	2.7E-18					1.3E-10	4.6E-09	1.7E-11	1.5E-09		
1,1,1-Trichloroethane	1.8E-19					1.3E-10	5.0E-09	1.7E-11	1.7E-09		
1,1-Dichloroethene	6.0E-21					2.6E-11	4.6E-10	3.2E-12	1.5E-10		
1,2,3-Trichlorobenzene	1.9E-16					5.3E-10	2.0E-08	6.7E-11	6.6E-09		
1,2,3-Trichloropropane	1.1E-18					1.1E-10	1.9E-09	1.4E-11	6.4E-10		
1,2,4-Trimethylbenzene						6.2E-09	2.0E-07	7.8E-10	6.6E-08		
1,2-Dibromoethane	3.7E-19					6.9E-11	1.2E-09	8.6E-12	4.1E-10		
1,2-Dichloroethane	1.2E-17					2.8E-09	1.0E-07	1.0E-06	3.5E-08		
1,3,5-Trimethylbenzene	6.0E-17					5.9E-09	1.7E-07	7.3E-10	5.8E-08		
1,3-Dichloropropane						6.7E-11	1.2E-09	8.4E-12	4.0E-10		
2-Butanone	2.4E-15					3.3E-08	1.3E-06	4.1E-09	4.4E-07		
2-Chlorotoluene						1.5E-09	6.1E-08	1.8E-10	2.0E-08		
2-Hexanone						6.8E-09	2.5E-07	8.4E-10	8.2E-08		
Benzene	2.0E-15					8.4E-05	3.4E-05	9.7E-06	1.1E-05		
Bromobenzene						3.7E-08	6.6E-07	4.7E-09	2.2E-07		
Bromochloromethane						8.8E-11	1.6E-09	1.1E-11	5.2E-10		
Bromodichloromethane	3.1E-19					9.5E-11	1.7E-09	1.2E-11	5.7E-10		

Table H-378 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Dermal Contact with Soil at Home (mg/kg-day)	Ingestion of Soil at CJ (mg/kg-day)	Ingestion of Soil at Home (mg/kg-day)	Inhalation of Indoor Air at CJ (ug/m3)	Inhalation of Indoor Air at Home (ug/m3)	Inhalation of Outdoor Air at CJ (ug/m3)	Inhalation of Outdoor Air at Home (ug/m3)	Inhalation of	Inhalation of
										Particulate/V apors Outdoors at CJ (ug/m3)	Particulate/Va pors Outdoors at Home (ug/m3)
Bromomethane	1.3E-18					3.8E-09	1.1E-07	4.8E-10	3.8E-08		
Carbon disulfide	1.3E-18					3.3E-09	9.8E-08	4.2E-10	3.3E-08		
Carbon tetrachloride	1.3E-19					1.5E-04	3.9E-09	1.5E-05	1.3E-09		
Chlorobenzene	4.7E-17					4.8E-09	1.7E-07	6.0E-10	5.7E-08		
Chlorodibromomethane	1.8E-17					2.4E-09	4.2E-08	3.0E-10	1.4E-08		
Chloroethane	3.7E-18					9.1E-09	3.2E-07	1.1E-09	1.1E-07		
Chloroform	2.8E-18					2.2E-05	3.8E-08	2.4E-06	1.3E-08		
Chloromethane	9.8E-18					3.1E-08	9.4E-07	3.9E-09	3.1E-07		
cis-1,2-Dichloroethene	3.8E-18					4.0E-09	7.1E-08	5.0E-10	2.4E-08		
cis-1,3-Dichloropropene						2.4E-11	4.3E-10	3.0E-12	1.4E-10		
Dibromomethane	4.2E-19					2.0E-10	3.6E-09	2.5E-11	1.2E-09		
Dichlorodifluoromethane	4.7E-21					2.5E-10	4.4E-09	3.1E-11	1.5E-09		
Ethylbenzene	1.5E-15					2.7E-05	7.4E-06	2.4E-08	2.5E-06		
Isopropylbenzene	2.0E-18					1.6E-08	5.4E-07	2.0E-09	1.8E-07		
m&p-Xylene	2.4E-16					3.6E-08	1.2E-06	4.6E-09	4.1E-07		
Methyl Isobutyl Ketone (4-methyl-2-per	2.4E-18					3.6E-10	6.4E-09	4.5E-11	2.1E-09		
Methylene chloride	2.6E-17					1.8E-08	6.6E-07	2.3E-09	2.2E-07		
n-Butylbenzene						7.8E-09	2.3E-07	9.7E-10	7.7E-08		
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07		
o-Xylene	2.8E-16					2.3E-08	7.6E-07	2.9E-09	2.5E-07		
p-Chlorotoluene						5.5E-10	1.7E-08	6.9E-11	5.6E-09		
p-Isopropyltoluene						3.8E-09	9.2E-08	4.8E-10	3.1E-08		
sec-Butylbenzene						1.4E-09	4.3E-08	1.8E-10	1.4E-08		
Styrene	9.4E-15					5.1E-07	1.9E-05	6.4E-08	6.2E-06		

Table H-378 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of		Dermal		Ingestion of		Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of	Inhalation of
	Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil at CJ (mg/kg-day)	Contact with Soil at Home (mg/kg-day)	Soil at CJ (mg/kg-day)	Soil at Home (mg/kg-day)	Indoor Air at CJ (ug/m3)	Indoor Air at Home (ug/m3)	Outdoor Air at CJ (ug/m3)	Outdoor Air at Home (ug/m3)	Outdoors at CJ (ug/m3)	Outdoors at Home (ug/m3)	Particulate/Vapors (ug/m3)
tert-Butylbenzene						4.6E-08	8.1E-07	5.7E-09	2.7E-07			
Tetrachloroethene	6.6E-19					1.2E-10	4.2E-09	1.5E-11	1.4E-09			
Toluene	1.6E-15					3.2E-07	1.2E-05	3.9E-08	4.1E-06			
trans-1,2-Dichloroethene	5.9E-17					8.4E-08	1.5E-06	1.1E-08	5.0E-07			
trans-1,3-Dichloropropene						4.2E-11	7.5E-10	5.3E-12	2.5E-10			
Trichloroethene	6.8E-21					7.3E-12	1.3E-10	9.1E-13	4.3E-11			
Trichlorofluoromethane	1.0E-20					8.7E-11	1.6E-09	1.1E-11	5.2E-10			
Vinyl chloride	4.8E-19					5.0E-09	1.2E-07	6.2E-10	4.0E-08			

Table H-379 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			2.3E-03	2.9E-04	
Aldehydes					
Acetaldehyde			4.1E-03	5.1E-04	
Formaldehyde			1.5E-03	1.9E-04	
Propionaldehyde		4.5E-15	4.5E-04	5.6E-05	3.3E-11
CO					
Carbon monoxide			1.3E-01	1.7E-02	
CO2					
Carbon dioxide			3.9E-03	4.9E-04	
Criteria					
Sulfur Dioxide			9.1E-04	1.1E-04	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	3.2E-15	1.2E-14	2.8E-09	3.5E-10	6.1E-16
1,2,3,4,6,7,8-HpCDF	3.1E-15	1.2E-14	2.8E-09	3.5E-10	6.1E-16
1,2,3,4,7,8,9-HpCDF	3.9E-16	1.5E-15	3.6E-10	4.6E-11	7.5E-17
1,2,3,4,7,8-HxCDD	3.7E-16	1.5E-15	3.4E-10	4.2E-11	7.2E-17
1,2,3,4,7,8-HxCDF	3.0E-15	1.2E-14	2.8E-09	3.4E-10	5.7E-16
1,2,3,6,7,8-HxCDD	7.7E-16	3.0E-15	7.2E-10	8.9E-11	1.5E-16
1,2,3,6,7,8-HxCDF	9.8E-16	3.9E-15	9.0E-10	1.1E-10	1.9E-16
1,2,3,7,8,9-HxCDD	1.2E-15	4.7E-15	1.1E-09	1.4E-10	2.3E-16
1,2,3,7,8,9-HxCDF	7.1E-17	2.8E-16	6.9E-11	8.7E-12	1.4E-17

Table H-379 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	4.3E-16	1.7E-15	4.4E-10	5.4E-11	8.3E-17
1,2,3,7,8-PeCDF	5.1E-16	2.0E-15	6.2E-10	7.8E-11	9.9E-17
2,3,4,6,7,8-HxCDF	1.5E-15	5.8E-15	1.4E-09	1.7E-10	2.8E-16
2,3,4,7,8-PeCDF	1.2E-15	4.8E-15	1.4E-09	1.7E-10	2.4E-16
2,3,7,8-TCDD	5.5E-17	2.2E-16	1.3E-10	1.6E-11	7.4E-15
2,3,7,8-TCDF	1.6E-16	6.5E-16	6.5E-10	8.1E-11	3.2E-17
OCDD	2.1E-15	8.2E-15	1.8E-09	2.3E-10	4.0E-16
OCDF	7.7E-16	3.0E-15	6.7E-10	8.3E-11	1.5E-16
HCN					
Hydrogen cyanide			5.0E-04	6.3E-05	
Metals					
Antimony			1.6E-05	2.0E-06	
Arsenic	5.1E-18	1.2E-17	1.6E-06	2.0E-07	9.8E-19
Barium		4.0E-09	2.3E-04	2.8E-05	2.0E-10
Beryllium		2.0E-15	1.1E-07	1.4E-08	9.7E-17
Cadmium		1.6E-15	2.1E-06	2.6E-07	7.9E-17
Chromium		1.5E-10	1.8E-05	2.3E-06	7.2E-12
Cobalt		3.0E-10	8.1E-06	1.0E-06	1.5E-11
Copper		5.6E-10	4.7E-05	5.8E-06	2.8E-11
Lead		1.9E-13	1.5E-05	1.8E-06	9.2E-15
Manganese		1.6E-12	1.5E-05	1.8E-06	7.7E-14
Mercury (+2)		6.1E-14	6.5E-08	8.1E-09	3.0E-15

Table H-379 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Mercury, elemental			2.7E-10	3.4E-11	
Methyl Mercury		3.8E-15			1.9E-16
Nickel		8.0E-15	9.2E-06	1.2E-06	3.9E-16
Phosphorus		1.4E-14	6.5E-05	8.1E-06	1.3E-10
Selenium		8.0E-17	4.7E-07	5.9E-08	3.9E-18
Silver		1.4E-12	2.8E-07	3.5E-08	6.7E-14
Titanium		1.8E-14	1.8E-07	2.3E-08	8.8E-16
Zinc		2.9E-13	2.7E-04	3.4E-05	1.4E-14
NOx					
NOx (Oxides of Nitrogen)			4.0E-03	4.9E-04	
PAHs					
1-Methylnaphthalene	6.8E-16	6.2E-16	1.1E-04	1.4E-05	7.1E-13
1-Methylphenanthrene		4.2E-13	1.4E-05	1.7E-06	2.1E-14
2,3,5-Trimethylnaphthalene		2.1E-13	7.0E-06	8.8E-07	1.0E-14
2,6-Dimethylnaphthalene		5.6E-13	1.8E-05	2.3E-06	2.7E-14
2-Methylnaphthalene	6.6E-16	6.0E-16	1.1E-04	1.4E-05	6.9E-13
Acenaphthylene		1.8E-12	6.7E-05	8.4E-06	8.8E-14
Acenaphthene			1.2E-05	1.5E-06	
Anthracene			2.2E-05	2.7E-06	
Benzo(a)anthracene	5.8E-12	5.3E-12	1.1E-05	1.4E-06	8.0E-11
Benzo(a)pyrene	2.4E-12	2.2E-12	4.1E-06	5.1E-07	1.1E-13
Benzo(b)fluoranthene	1.3E-13	1.1E-13	4.4E-06	5.4E-07	5.6E-15

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Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(e)pyrene		9.2E-14	3.4E-06	4.2E-07	4.5E-15
Benzo(g,h,i)perylene		7.1E-14	2.6E-06	3.3E-07	3.5E-15
Benzo(k)fluoranthene	4.1E-14	3.8E-14	8.6E-09	1.1E-09	1.8E-15
Biphenyl		9.9E-15	3.9E-04	4.9E-05	5.8E-12
Chrysene	6.7E-12	6.1E-12	1.8E-05	2.2E-06	3.0E-13
Dibenze(a,h)anthracene	8.3E-13	7.6E-13	6.3E-07	7.9E-08	3.7E-14
Fluoranthene	1.8E-13	1.6E-13	2.6E-05	3.2E-06	8.1E-15
Fluorene			6.6E-05	8.2E-06	
Indeno(1,2,3-cd)pyrene	2.3E-12	2.1E-12	2.1E-06	2.6E-07	1.0E-13
Napthalene			5.2E-04	6.4E-05	
Perylene		4.5E-14	1.7E-06	2.2E-07	2.2E-15
Phenanthrene			1.2E-04	1.5E-05	
Pyrene	6.2E-13	5.6E-13	2.5E-05	3.2E-06	1.6E-11
Particulate					
Particulate Total Suspended Particulate		6.9E-09	7.3E-02	9.1E-03	3.4E-10
PM<10		9.2E-09	9.8E-02	1.2E-02	4.5E-10
PM<2.5		7.9E-09	8.6E-02	1.1E-02	3.9E-10
PCBs					
Dichlorobiphenyl	1.6E-15	1.3E-15	3.1E-07	3.9E-08	1.3E-13
Heptachlorobiphenyl	1.8E-16	1.5E-16	4.2E-09	5.3E-10	7.6E-15
Hexachlorobiphenyl	7.2E-16	6.1E-16	1.7E-08	2.1E-09	3.1E-14
Monochlorobiphenyl	1.1E-14	9.4E-15	2.2E-06	2.8E-07	8.8E-13

Table H-379 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Nonachlorobiphenyl	2.3E-17	1.9E-17	5.0E-10	6.2E-11	9.7E-16
Octachlorobiphenyl	5.3E-17	4.5E-17	1.2E-09	1.5E-10	2.3E-15
Pentachlorobiphenyl	2.4E-15	2.0E-15	5.5E-08	6.9E-09	1.0E-13
Tetrachlorobiphenyl	4.8E-16	4.1E-16	9.0E-08	1.1E-08	3.8E-14
Trichlorobiphenyl	6.3E-16	5.3E-16	1.2E-07	1.5E-08	4.9E-14
SVOCs					
1,2,4-trichlorobenzene			6.4E-07	8.0E-08	
1,2-dichlorobenzene			8.3E-08	1.0E-08	
1,3-dichlorobenzene			4.2E-07	5.3E-08	
1,4-dichlorobenzene			5.8E-06	7.3E-07	
2,4-Dimethylphenol			7.8E-05	9.7E-06	
2-Chlorophenol			1.7E-05	2.2E-06	
2-Methylphenol			2.0E-04	2.4E-05	
2-Nitrophenol			2.6E-05	3.2E-06	
3-Methylphenol & 4-Methylphenol		1.1E-11	3.5E-04	4.4E-05	5.3E-13
4-Nitrophenol			3.9E-05	4.9E-06	
Acetophenone			4.0E-04	5.0E-05	
Benzoic acid			1.9E-03	2.3E-04	
Benzyl alcohol			9.8E-06	1.2E-06	
bis(2-Ethylhexyl) phthalate	1.6E-11	1.9E-11	6.0E-04	7.5E-05	9.3E-13
Butyl benzyl phthalate	9.3E-15	1.1E-14	2.1E-05	2.6E-06	5.4E-16
Carbazole		9.7E-15	1.2E-07	1.5E-08	4.8E-16

Table H-379 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibenzofuran	4.0E-16	1.6E-15	3.3E-05	4.1E-06	6.7E-13
Dimethyl phthalate			2.5E-07	3.2E-08	
Di-n-butyl phthalate	9.4E-15	1.1E-14	3.2E-05	4.0E-06	5.4E-16
Di-n-octyl phthalate	6.5E-15	7.7E-15	4.9E-07	6.1E-08	3.8E-16
Hexachlorobutadiene			3.4E-05	4.2E-06	
Phenol			1.0E-03	1.3E-04	
Pyridine			9.9E-05	1.2E-05	
TRS					
Total Reduced Sulfur			1.1E-03	1.3E-04	
VOCs					
1,1,1,2-Tetrachloroethane			3.5E-07	4.4E-08	
1,1,1-Trichloroethane			4.0E-07	5.0E-08	
1,1-Dichloroethene			2.0E-08	2.5E-09	
1,2,3-Trichlorobenzene			1.6E-06	2.0E-07	
1,2,3-Trichloropropane			8.2E-08	1.0E-08	
1,2,4-Trimethylbenzene			1.5E-05	1.8E-06	
1,2-Dibromoethane			5.3E-08	6.6E-09	
1,2-Dichloroethane			8.4E-06	1.0E-06	
1,3,5-Trimethylbenzene			1.2E-05	1.5E-06	
1,3-Dichloropropane			5.1E-08	6.4E-09	
2-Butanone			1.1E-04	1.3E-05	
2-Chlorotoluene			5.0E-06	6.3E-07	

Table H-379 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Hexanone			1.9E-05	2.4E-06	
Benzene			2.8E-03	3.5E-04	
Bromobenzene			2.8E-05	3.5E-06	
Bromochloromethane			6.7E-08	8.4E-09	
Bromodichloromethane			7.2E-08	9.1E-09	
Bromomethane			8.2E-06	1.0E-06	
Carbon disulfide			6.9E-06	8.6E-07	
Carbon tetrachloride			1.7E-07	2.1E-08	
Chlorobenzene			1.3E-05	1.7E-06	
Chlorodibromomethane			1.8E-06	2.3E-07	
Chloroethane			2.5E-05	3.1E-06	
Chloroform			1.9E-06	2.3E-07	
Chloromethane			6.7E-05	8.4E-06	
cis-1,2-Dichloroethene			3.0E-06	3.8E-07	
cis-1,3-Dichloropropene			1.9E-08	2.3E-09	
Dibromomethane			1.5E-07	1.9E-08	
Dichlorodifluoromethane			1.9E-07	2.4E-08	
Ethylbenzene			5.9E-04	7.4E-05	
Isopropylbenzene			4.1E-05	5.2E-06	
m&p-Xylene			9.4E-05	1.2E-05	
Methyl Isobutyl Ketone (4-methyl-2-penta			2.7E-07	3.4E-08	
Methylene chloride			5.3E-05	6.6E-06	

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Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
n-Butylbenzene			1.6E-05	2.1E-06	
n-Propylbenzene			2.3E-05	2.9E-06	
o-Xylene			5.8E-05	7.2E-06	
p-Chlorotoluene			1.2E-06	1.5E-07	
p-Isopropyltoluene			5.6E-06	7.0E-07	
sec-Butylbenzene			3.1E-06	3.9E-07	
Styrene			1.5E-03	1.8E-04	
tert-Butylbenzene			3.5E-05	4.3E-06	
Tetrachloroethene			3.3E-07	4.1E-08	
Toluene			1.0E-03	1.3E-04	
trans-1,2-Dichloroethene			6.4E-05	8.0E-06	
trans-1,3-Dichloropropene			3.2E-08	4.0E-09	
Trichloroethene			5.5E-09	6.9E-10	
Trichlorofluoromethane			6.6E-08	8.3E-09	
Vinyl chloride			7.4E-06	9.3E-07	

Table H-380 (Average Daily Dose)

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Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas					
Hydrogen Chloride			2.7E-05	3.4E-06	
Aldehydes					
Acetaldehyde			4.7E-05	5.9E-06	
Formaldehyde			1.8E-05	2.2E-06	
Propionaldehyde		5.2E-14	5.3E-06	6.6E-07	3.9E-13
CO					
Carbon monoxide			1.6E-03	1.9E-04	
CO2					
Carbon dioxide			4.6E-05	5.7E-06	
Criteria					
Sulfur Dioxide			1.1E-05	1.3E-06	
DIOXINS					
1,2,3,4,6,7,8-HpCDD	6.4E-14	2.5E-13	3.2E-11	4.0E-12	1.2E-17
1,2,3,4,6,7,8-HpCDF	6.4E-14	2.5E-13	3.2E-11	4.0E-12	1.2E-17
1,2,3,4,7,8,9-HpCDF	7.9E-15	3.1E-14	4.3E-12	5.3E-13	1.5E-18
1,2,3,4,7,8-HxCDD	7.6E-15	3.0E-14	3.9E-12	4.9E-13	1.5E-18
1,2,3,4,7,8-HxCDF	6.0E-14	2.4E-13	3.2E-11	4.0E-12	1.2E-17
1,2,3,6,7,8-HxCDD	1.6E-14	6.1E-14	8.3E-12	1.0E-12	3.0E-18
1,2,3,6,7,8-HxCDF	2.0E-14	7.9E-14	1.0E-11	1.3E-12	3.8E-18
1,2,3,7,8,9-HxCDD	2.4E-14	9.6E-14	1.3E-11	1.6E-12	4.7E-18
1,2,3,7,8,9-HxCDF	1.4E-15	5.7E-15	8.1E-13	1.0E-13	2.8E-19

Table H-380 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	8.7E-15	3.4E-14	5.1E-12	6.3E-13	1.7E-18
1,2,3,7,8-PeCDF	1.0E-14	4.1E-14	7.3E-12	9.1E-13	2.0E-18
2,3,4,6,7,8-HxCDF	3.0E-14	1.2E-13	1.6E-11	2.0E-12	5.8E-18
2,3,4,7,8-PeCDF	2.5E-14	9.7E-14	1.6E-11	2.0E-12	4.8E-18
2,3,7,8-TCDD	1.1E-15	4.3E-15	1.5E-12	1.9E-13	1.5E-16
2,3,7,8-TCDF	3.3E-15	1.3E-14	7.6E-12	9.5E-13	6.4E-19
OCDD	4.2E-14	1.7E-13	2.1E-11	2.6E-12	8.2E-18
OCDF	1.6E-14	6.2E-14	7.8E-12	9.7E-13	3.0E-18
HCN					
Hydrogen cyanide			5.8E-06	7.3E-07	
Metals					
Antimony			1.9E-07	2.4E-08	
Arsenic	5.9E-17	1.4E-16	1.9E-08	2.4E-09	1.1E-20
Barium		7.4E-08	2.7E-06	3.3E-07	3.6E-12
Beryllium		2.3E-14	1.3E-09	1.6E-10	1.1E-18
Cadmium		1.9E-14	2.4E-08	3.0E-09	9.3E-19
Chromium		2.3E-09	2.1E-07	2.7E-08	1.1E-13
Cobalt		5.7E-09	9.5E-08	1.2E-08	2.8E-13
Copper		1.0E-08	5.4E-07	6.8E-08	5.0E-13
Lead		2.2E-12	1.7E-07	2.1E-08	1.1E-16
Manganese		1.8E-11	1.7E-07	2.1E-08	9.0E-16
Mercury (+2)		1.4E-12	7.5E-10	9.4E-11	7.0E-17

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Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Mercury, elemental			3.1E-12	3.9E-13	
Methyl Mercury		8.9E-14			4.4E-18
Nickel		9.3E-14	1.1E-07	1.3E-08	4.5E-18
Phosphorus		1.6E-13	7.5E-07	9.4E-08	1.5E-12
Selenium		9.4E-16	5.5E-09	6.9E-10	4.6E-20
Silver		1.8E-11	3.3E-09	4.1E-10	8.9E-16
Titanium		2.1E-13	2.1E-09	2.7E-10	1.0E-17
Zinc		3.3E-12	3.2E-06	4.0E-07	1.6E-16
NOx					
NOx (Oxides of Nitrogen)			4.6E-05	5.8E-06	
PAHs					
1-Methylnaphthalene	8.0E-15	7.2E-15	1.3E-06	1.7E-07	8.2E-15
1-Methylphenanthrene		5.0E-12	1.6E-07	2.0E-08	2.4E-16
2,3,5-Trimethylnaphthalene		2.5E-12	8.2E-08	1.0E-08	1.2E-16
2,6-Dimethylnaphthalene		6.5E-12	2.1E-07	2.7E-08	3.2E-16
2-Methylnaphthalene	7.7E-15	7.0E-15	1.3E-06	1.6E-07	8.1E-15
Acenaphthylene		2.1E-11	7.8E-07	9.7E-08	1.0E-15
Acenaphthene			1.4E-07	1.8E-08	
Anthracene			2.5E-07	3.1E-08	
Benzo(a)anthracene	7.4E-11	6.8E-11	1.3E-07	1.6E-08	1.0E-12
Benzo(a)pyrene	3.0E-11	2.7E-11	4.8E-08	6.0E-09	1.3E-15
Benzo(b)fluoranthene	1.6E-12	1.5E-12	5.1E-08	6.3E-09	7.1E-17

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Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(e)pyrene		1.1E-12	3.9E-08	4.9E-09	5.3E-17
Benzo(g,h,i)perylene		8.3E-13	3.1E-08	3.9E-09	4.1E-17
Benzo(k)fluoranthene	6.4E-13	5.8E-13	1.0E-10	1.3E-11	2.9E-17
Biphenyl		1.2E-13	4.6E-06	5.7E-07	6.8E-14
Chrysene	9.1E-11	8.2E-11	2.1E-07	2.6E-08	4.0E-15
Dibenze(a,h)anthracene	1.1E-11	1.0E-11	7.4E-09	9.2E-10	4.9E-16
Fluoranthene	2.2E-12	2.0E-12	3.0E-07	3.8E-08	1.0E-16
Fluorene			7.7E-07	9.6E-08	
Indeno(1,2,3-cd)pyrene	3.0E-11	2.7E-11	2.5E-08	3.1E-09	1.3E-15
Napthalene			6.0E-06	7.5E-07	
Perylene		5.3E-13	2.0E-08	2.5E-09	2.6E-17
Phenanthrene			1.4E-06	1.8E-07	
Pyrene	9.4E-12	8.6E-12	3.0E-07	3.7E-08	2.4E-13
Particulate					
Particulate Total Suspended Particulate		8.1E-08	8.5E-04	1.1E-04	4.0E-12
PM<10		1.1E-07	1.1E-03	1.4E-04	5.3E-12
PM<2.5		9.2E-08	1.0E-03	1.3E-04	4.5E-12
PCBs					
Dichlorobiphenyl	3.2E-14	2.7E-14	3.7E-09	4.6E-10	2.5E-15
Heptachlorobiphenyl	3.6E-15	3.0E-15	4.9E-11	6.2E-12	1.5E-16
Hexachlorobiphenyl	1.5E-14	1.2E-14	2.0E-10	2.5E-11	6.3E-16
Monochlorobiphenyl	2.2E-13	1.9E-13	2.6E-08	3.2E-09	1.7E-14

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Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Nonachlorobiphenyl	4.6E-16	3.9E-16	5.8E-12	7.2E-13	2.0E-17
Octachlorobiphenyl	1.1E-15	9.0E-16	1.4E-11	1.8E-12	4.6E-17
Pentachlorobiphenyl	4.9E-14	4.1E-14	6.5E-10	8.1E-11	2.1E-15
Tetrachlorobiphenyl	9.6E-15	8.1E-15	1.1E-09	1.3E-10	7.6E-16
Trichlorobiphenyl	1.3E-14	1.1E-14	1.4E-09	1.7E-10	9.8E-16
SVOCs					
1,2,4-trichlorobenzene			7.5E-09	9.4E-10	
1,2-dichlorobenzene			9.7E-10	1.2E-10	
1,3-dichlorobenzene			4.9E-09	6.2E-10	
1,4-dichlorobenzene			6.8E-08	8.5E-09	
2,4-Dimethylphenol			9.1E-07	1.1E-07	
2-Chlorophenol			2.0E-07	2.5E-08	
2-Methylphenol			2.3E-06	2.9E-07	
2-Nitrophenol			3.0E-07	3.8E-08	
3-Methylphenol & 4-Methylphenol		1.3E-10	4.1E-06	5.1E-07	6.2E-15
4-Nitrophenol			4.6E-07	5.7E-08	
Acetophenone			4.7E-06	5.9E-07	
Benzoic acid			2.2E-05	2.7E-06	
Benzyl alcohol			1.1E-07	1.4E-08	
bis(2-Ethylhexyl) phthalate	1.9E-10	2.2E-10	7.0E-06	8.8E-07	1.1E-14
Butyl benzyl phthalate	1.1E-13	1.3E-13	2.4E-07	3.0E-08	6.3E-18
Carbazole		1.1E-13	1.4E-09	1.8E-10	5.6E-18

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Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibenzofuran	4.6E-15	1.8E-14	3.8E-07	4.8E-08	7.8E-15
Dimethyl phthalate			3.0E-09	3.7E-10	
Di-n-butyl phthalate	1.1E-13	1.3E-13	3.7E-07	4.6E-08	6.4E-18
Di-n-octyl phthalate	7.7E-14	9.0E-14	5.7E-09	7.1E-10	4.4E-18
Hexachlorobutadiene			3.9E-07	4.9E-08	
Phenol			1.2E-05	1.5E-06	
Pyridine			1.2E-06	1.4E-07	
TRS					
Total Reduced Sulfur			1.3E-05	1.6E-06	
VOCs					
1,1,1,2-Tetrachloroethane			4.1E-09	5.1E-10	
1,1,1-Trichloroethane			4.7E-09	5.8E-10	
1,1-Dichloroethene			2.3E-10	2.9E-11	
1,2,3-Trichlorobenzene			1.8E-08	2.3E-09	
1,2,3-Trichloropropane			9.6E-10	1.2E-10	
1,2,4-Trimethylbenzene			1.7E-07	2.1E-08	
1,2-Dibromoethane			6.1E-10	7.7E-11	
1,2-Dichloroethane			9.8E-08	1.2E-08	
1,3,5-Trimethylbenzene			1.4E-07	1.8E-08	
1,3-Dichloropropane			6.0E-10	7.4E-11	
2-Butanone			1.2E-06	1.6E-07	
2-Chlorotoluene			5.9E-08	7.3E-09	

Table H-380 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Hexanone			2.3E-07	2.8E-08	
Benzene			3.2E-05	4.0E-06	
Bromobenzene			3.3E-07	4.1E-08	
Bromochloromethane			7.8E-10	9.8E-11	
Bromodichloromethane			8.5E-10	1.1E-10	
Bromomethane			9.6E-08	1.2E-08	
Carbon disulfide			8.0E-08	1.0E-08	
Carbon tetrachloride			1.9E-09	2.4E-10	
Chlorobenzene			1.6E-07	2.0E-08	
Chlorodibromomethane			2.1E-08	2.6E-09	
Chloroethane			2.9E-07	3.6E-08	
Chloroform			2.2E-08	2.7E-09	
Chloromethane			7.9E-07	9.8E-08	
cis-1,2-Dichloroethene			3.5E-08	4.4E-09	
cis-1,3-Dichloropropene			2.2E-10	2.7E-11	
Dibromomethane			1.8E-09	2.3E-10	
Dichlorodifluoromethane			2.2E-09	2.8E-10	
Ethylbenzene			6.9E-06	8.6E-07	
Isopropylbenzene			4.8E-07	6.0E-08	
m&p-Xylene			1.1E-06	1.4E-07	
Methyl Isobutyl Ketone (4-methyl-2-penta			3.2E-09	4.0E-10	
Methylene chloride			6.1E-07	7.7E-08	

Table H-380 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
n-Butylbenzene			1.9E-07	2.4E-08	
n-Propylbenzene			2.7E-07	3.4E-08	
o-Xylene			6.7E-07	8.4E-08	
p-Chlorotoluene			1.4E-08	1.7E-09	
p-Isopropyltoluene			6.5E-08	8.2E-09	
sec-Butylbenzene			3.6E-08	4.5E-09	
Styrene			1.7E-05	2.1E-06	
tert-Butylbenzene			4.1E-07	5.1E-08	
Tetrachloroethene			3.8E-09	4.8E-10	
Toluene			1.2E-05	1.5E-06	
trans-1,2-Dichloroethene			7.5E-07	9.4E-08	
trans-1,3-Dichloropropene			3.8E-10	4.7E-11	
Trichloroethene			6.4E-11	8.1E-12	
Trichlorofluoromethane			7.8E-10	9.7E-11	
Vinyl chloride			8.6E-08	1.1E-08	

Table H-381 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas						
Hydrogen Chloride				3.5E-03	1.2E-03	
Aldehydes						
Acetaldehyde	7.9E-15			6.1E-03	2.0E-03	
Formaldehyde	3.9E-14			2.4E-03	7.9E-04	
Propionaldehyde			6.2E-15	6.7E-04	2.2E-04	1.4E-10
CO						
Carbon monoxide				1.9E-01	6.5E-02	
CO2						
Carbon dioxide				5.9E-03	2.0E-03	
Criteria						
Sulfur Dioxide				1.4E-03	4.8E-04	
DIOXINS						
1,2,3,4,6,7,8-HpCDD	1.1E-19	2.0E-15	1.6E-14	4.0E-09	1.3E-09	2.3E-15
1,2,3,4,6,7,8-HpCDF	1.0E-19	2.0E-15	1.6E-14	4.0E-09	1.3E-09	2.3E-15
1,2,3,4,7,8,9-HpCDF	1.6E-20	2.4E-16	1.9E-15	5.2E-10	1.7E-10	2.8E-16
1,2,3,4,7,8-HxCDD	1.2E-19	2.3E-16	1.8E-15	4.8E-10	1.6E-10	2.7E-16
1,2,3,4,7,8-HxCDF	8.2E-19	1.8E-15	1.5E-14	3.9E-09	1.3E-09	2.1E-15
1,2,3,6,7,8-HxCDD	2.3E-19	4.8E-16	3.8E-15	1.0E-09	3.4E-10	5.5E-16
1,2,3,6,7,8-HxCDF	3.0E-19	6.1E-16	4.8E-15	1.3E-09	4.3E-10	7.1E-16
1,2,3,7,8,9-HxCDD	3.3E-19	7.5E-16	5.9E-15	1.5E-09	5.1E-10	8.7E-16
1,2,3,7,8,9-HxCDF	2.5E-20	4.4E-17	3.5E-16	9.8E-11	3.3E-11	5.1E-17

Table H-381 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	6.3E-19	2.7E-16	2.1E-15	6.2E-10	2.1E-10	3.1E-16
1,2,3,7,8-PeCDF	8.8E-19	3.2E-16	2.5E-15	8.8E-10	2.9E-10	3.7E-16
2,3,4,6,7,8-HxCDF	4.4E-19	9.3E-16	7.3E-15	1.9E-09	6.5E-10	1.1E-15
2,3,4,7,8-PeCDF	1.4E-18	7.5E-16	6.0E-15	2.0E-09	6.6E-10	8.8E-16
2,3,7,8-TCDD	2.1E-19	4.0E-17	3.2E-16	2.0E-10	6.8E-11	3.2E-14
2,3,7,8-TCDF	6.9E-19	1.0E-16	8.0E-16	9.2E-10	3.1E-10	1.2E-16
OCDD	1.4E-21	1.3E-15	1.0E-14	2.6E-09	8.7E-10	1.5E-15
OCDF	5.3E-22	5.0E-16	3.9E-15	9.6E-10	3.2E-10	5.8E-16
HCN						
Hydrogen cyanide				7.2E-04	2.4E-04	
Metals						
Antimony	1.3E-18			3.0E-05	1.0E-05	
Arsenic	7.0E-17	4.1E-18	2.0E-17	2.5E-06	8.2E-07	4.8E-18
Barium	1.9E-13		8.1E-09	4.0E-04	1.3E-04	1.2E-09
Beryllium	2.8E-18		3.4E-15	1.7E-07	5.7E-08	5.0E-16
Cadmium	7.2E-16		2.7E-15	3.1E-06	1.0E-06	3.9E-16
Chromium	2.1E-16		2.4E-10	2.7E-05	9.0E-06	3.5E-11
Cobalt			7.5E-10	2.1E-05	7.0E-06	1.1E-10
Copper			9.5E-10	7.1E-05	2.4E-05	1.4E-10
Lead	5.9E-19		3.3E-13	2.3E-05	7.6E-06	4.8E-14
Manganese			2.6E-12	2.2E-05	7.4E-06	3.8E-13
Mercury (+2)			8.5E-14	9.7E-08	3.2E-08	1.2E-14

Table H-381 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Mercury, elemental				4.0E-10	1.3E-10	
Methyl Mercury	7.2E-16		6.3E-15			9.3E-16
Nickel	2.8E-16		1.3E-14	1.4E-05	4.7E-06	2.0E-15
Phosphorus			2.4E-14	1.0E-04	3.4E-05	6.9E-10
Selenium	2.4E-17		1.3E-16	7.1E-07	2.4E-07	2.0E-17
Silver	1.7E-17		2.4E-12	4.4E-07	1.5E-07	3.5E-13
Titanium			2.8E-14	2.7E-07	8.9E-08	4.1E-15
Zinc	3.5E-13		5.6E-13	4.6E-04	1.5E-04	8.2E-14
NOx						
NOx (Oxides of Nitrogen)				6.1E-03	2.0E-03	
PAHs						
1-Methylnaphthalene		4.2E-16	7.6E-16	1.6E-04	5.3E-05	2.6E-12
1-Methylphenanthrene			5.2E-13	1.9E-05	6.4E-06	7.6E-14
2,3,5-Trimethylnaphthalene			2.5E-13	9.8E-06	3.3E-06	3.7E-14
2,6-Dimethylnaphthalene			6.7E-13	2.5E-05	8.5E-06	9.9E-14
2-Methylnaphthalene		4.0E-16	7.4E-16	1.6E-04	5.2E-05	2.5E-12
Acenaphthylene			2.2E-12	9.3E-05	3.1E-05	3.2E-13
Acenaphthene	2.9E-16			1.7E-05	5.6E-06	
Anthracene	3.7E-15			3.0E-05	1.0E-05	
Benzo(a)anthracene	5.3E-13	3.4E-12	6.3E-12	1.5E-05	5.0E-06	2.8E-10
Benzo(a)pyrene	2.6E-13	1.5E-12	2.6E-12	5.7E-06	1.9E-06	3.9E-13
Benzo(b)fluoranthene	7.1E-14	7.9E-14	1.4E-13	6.2E-06	2.1E-06	2.1E-14

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Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(e)pyrene			1.1E-13	4.8E-06	1.6E-06	1.7E-14
Benzo(g,h,i)perylene			8.7E-14	3.7E-06	1.2E-06	1.3E-14
Benzo(k)fluoranthene	5.9E-16	4.7E-14	8.6E-14	2.4E-08	8.1E-09	1.3E-14
Biphenyl			1.2E-14	5.5E-04	1.8E-04	2.1E-11
Chrysene	9.1E-14	4.1E-12	7.5E-12	2.5E-05	8.2E-06	1.1E-12
Dibenze(a,h)anthracene	1.3E-14	5.1E-13	9.3E-13	8.9E-07	3.0E-07	1.4E-13
Fluoranthene	2.4E-14	1.1E-13	2.0E-13	3.6E-05	1.2E-05	3.0E-14
Fluorene	5.2E-15			9.2E-05	3.1E-05	
Indeno(1,2,3-cd)pyrene	3.3E-14	1.4E-12	2.6E-12	3.0E-06	9.9E-07	3.8E-13
Napthalene	2.4E-15			7.2E-04	2.4E-04	
Perylene			5.3E-14	2.4E-06	7.9E-07	7.7E-15
Phenanthrene	2.5E-14			1.7E-04	5.7E-05	
Pyrene	1.7E-14	3.8E-13	6.9E-13	3.6E-05	1.2E-05	5.8E-11
Particulate						
Particulate Total Suspended Particulate			1.0E-08	1.1E-01	3.5E-02	1.5E-09
PM<10			1.4E-08	1.4E-01	4.7E-02	2.0E-09
PM<2.5			1.1E-08	1.2E-01	4.1E-02	1.7E-09
PCBs						
Dichlorobiphenyl	5.2E-16	9.8E-16	1.7E-15	4.4E-07	1.5E-07	4.6E-13
Heptachlorobiphenyl	2.0E-17	1.1E-16	1.9E-16	6.0E-09	2.0E-09	2.9E-14
Hexachlorobiphenyl	8.0E-17	4.6E-16	7.9E-16	2.4E-08	8.1E-09	1.2E-13
Monochlorobiphenyl	3.6E-15	6.8E-15	1.2E-14	3.1E-06	1.0E-06	3.2E-12

Table H-381 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Nonachlorobiphenyl	2.5E-18	1.6E-17	2.7E-17	7.4E-10	2.5E-10	4.1E-15
Octachlorobiphenyl	5.8E-18	3.4E-17	5.7E-17	1.8E-09	5.9E-10	8.7E-15
Pentachlorobiphenyl	2.6E-16	1.6E-15	2.7E-15	8.1E-08	2.7E-08	4.1E-13
Tetrachlorobiphenyl	1.6E-16	3.2E-16	5.4E-16	1.3E-07	4.4E-08	1.5E-13
Trichlorobiphenyl	2.0E-16	4.0E-16	6.8E-16	1.7E-07	5.8E-08	1.9E-13
SVOCs						
1,2,4-trichlorobenzene				1.0E-06	3.4E-07	
1,2-dichlorobenzene	2.4E-19			2.3E-07	7.6E-08	
1,3-dichlorobenzene	5.9E-19			6.5E-07	2.2E-07	
1,4-dichlorobenzene	7.9E-18			7.9E-06	2.6E-06	
2,4-Dimethylphenol	2.2E-16			1.1E-04	3.7E-05	
2-Chlorophenol	1.1E-17			2.4E-05	8.0E-06	
2-Methylphenol	4.5E-15			2.7E-04	9.1E-05	
2-Nitrophenol	2.7E-17			3.6E-05	1.2E-05	
3-Methylphenol & 4-Methylphenol			1.3E-11	4.9E-04	1.6E-04	1.9E-12
4-Nitrophenol	5.6E-17			5.7E-05	1.9E-05	
Acetophenone	3.4E-16			5.7E-04	1.9E-04	
Benzoic acid	1.4E-15			2.6E-03	8.8E-04	
Benzyl alcohol	8.4E-19			1.6E-05	5.3E-06	
bis(2-Ethylhexyl) phthalate	4.2E-14	1.0E-11	2.4E-11	8.7E-04	2.9E-04	3.6E-12
Butyl benzyl phthalate	1.5E-14	5.7E-15	1.3E-14	2.9E-05	9.7E-06	2.0E-15
Carbazole			2.2E-14	3.5E-07	1.2E-07	3.3E-15

Table H-381 (Lifetime Average Daily Dose)

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Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibenzofuran		2.5E-16	1.9E-15	4.6E-05	1.5E-05	2.5E-12
Dimethyl phthalate	5.5E-18			6.9E-07	2.3E-07	
Di-n-butyl phthalate	1.4E-13	5.7E-15	1.4E-14	4.5E-05	1.5E-05	2.0E-15
Di-n-octyl phthalate	1.1E-18	7.4E-15	1.8E-14	1.3E-06	4.5E-07	2.6E-15
Hexachlorobutadiene	5.8E-16			9.2E-05	3.1E-05	
Phenol	1.3E-14			1.5E-03	4.9E-04	
Pyridine	6.6E-16			1.4E-04	4.6E-05	
TRS						
Total Reduced Sulfur				1.5E-03	4.9E-04	
VOCs						
1,1,1,2-Tetrachloroethane	2.3E-19			5.3E-07	1.8E-07	
1,1,1-Trichloroethane	1.5E-20			5.8E-07	1.9E-07	
1,1-Dichloroethene	5.1E-22			5.4E-08	1.8E-08	
1,2,3-Trichlorobenzene	1.6E-17			2.3E-06	7.7E-07	
1,2,3-Trichloropropane	9.3E-20			2.3E-07	7.5E-08	
1,2,4-Trimethylbenzene				2.3E-05	7.7E-06	
1,2-Dibromoethane	3.2E-20			1.4E-07	4.8E-08	
1,2-Dichloroethane	1.0E-18			1.2E-05	4.1E-06	
1,3,5-Trimethylbenzene	5.2E-18			2.0E-05	6.8E-06	
1,3-Dichloropropane				1.4E-07	4.7E-08	
2-Butanone	2.1E-16			1.5E-04	5.1E-05	
2-Chlorotoluene				7.1E-06	2.4E-06	

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Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Hexanone				2.9E-05	9.6E-06	
Benzene	1.7E-16			4.0E-03	1.3E-03	
Bromobenzene				7.8E-05	2.6E-05	
Bromochloromethane				1.8E-07	6.1E-08	
Bromodichloromethane	2.7E-20			2.0E-07	6.6E-08	
Bromomethane	1.1E-19			1.3E-05	4.5E-06	
Carbon disulfide	1.1E-19			1.1E-05	3.8E-06	
Carbon tetrachloride	1.2E-20			4.5E-07	1.5E-07	
Chlorobenzene	4.0E-18			2.0E-05	6.7E-06	
Chlorodibromomethane	1.6E-18			4.9E-06	1.6E-06	
Chloroethane	3.2E-19			3.7E-05	1.2E-05	
Chloroform	2.4E-19			4.5E-06	1.5E-06	
Chloromethane	8.4E-19			1.1E-04	3.7E-05	
cis-1,2-Dichloroethene	3.3E-19			8.3E-06	2.8E-06	
cis-1,3-Dichloropropene				5.1E-08	1.7E-08	
Dibromomethane	3.6E-20			4.2E-07	1.4E-07	
Dichlorodifluoromethane	4.0E-22			5.2E-07	1.7E-07	
Ethylbenzene	1.3E-16			8.6E-04	2.9E-04	
Isopropylbenzene	1.7E-19			6.3E-05	2.1E-05	
m&p-Xylene	2.0E-17			1.4E-04	4.8E-05	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	2.1E-19			7.4E-07	2.5E-07	
Methylene chloride	2.2E-18			7.8E-05	2.6E-05	

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Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
n-Butylbenzene				2.7E-05	9.0E-06	
n-Propylbenzene				3.6E-05	1.2E-05	
o-Xylene	2.4E-17			8.9E-05	3.0E-05	
p-Chlorotoluene				2.0E-06	6.5E-07	
p-Isopropyltoluene				1.1E-05	3.6E-06	
sec-Butylbenzene				5.1E-06	1.7E-06	
Styrene	8.0E-16			2.2E-03	7.3E-04	
tert-Butylbenzene				9.5E-05	3.2E-05	
Tetrachloroethene	5.7E-20			4.9E-07	1.6E-07	
Toluene	1.3E-16			1.4E-03	4.8E-04	
trans-1,2-Dichloroethene	5.0E-18			1.8E-04	5.9E-05	
trans-1,3-Dichloropropene				8.8E-08	2.9E-08	
Trichloroethene	5.8E-22			1.5E-08	5.0E-09	
Trichlorofluoromethane	9.0E-22			1.8E-07	6.1E-08	
Vinyl chloride	4.1E-20			1.4E-05	4.7E-06	

Table H-382 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas						
Hydrogen Chloride				4.1E-05	1.4E-05	
Aldehydes						
Acetaldehyde	9.2E-14			7.1E-05	2.4E-05	
Formaldehyde	4.5E-13			2.8E-05	9.2E-06	
Propionaldehyde			7.2E-14	7.8E-06	2.6E-06	1.6E-12
CO						
Carbon monoxide				2.3E-03	7.6E-04	
CO2						
Carbon dioxide				6.8E-05	2.3E-05	
Criteria						
Sulfur Dioxide				1.7E-05	5.6E-06	
DIOXINS						
1,2,3,4,6,7,8-HpCDD	1.8E-18	4.0E-14	3.2E-13	4.6E-11	1.5E-11	4.7E-17
1,2,3,4,6,7,8-HpCDF	1.8E-18	4.1E-14	3.2E-13	4.6E-11	1.5E-11	4.7E-17
1,2,3,4,7,8,9-HpCDF	2.5E-19	4.9E-15	3.9E-14	6.0E-12	2.0E-12	5.7E-18
1,2,3,4,7,8-HxCDD	2.0E-18	4.7E-15	3.7E-14	5.6E-12	1.9E-12	5.5E-18
1,2,3,4,7,8-HxCDF	1.3E-17	3.8E-14	3.0E-13	4.6E-11	1.5E-11	4.4E-17
1,2,3,6,7,8-HxCDD	3.7E-18	9.7E-15	7.7E-14	1.2E-11	3.9E-12	1.1E-17
1,2,3,6,7,8-HxCDF	4.9E-18	1.2E-14	9.8E-14	1.5E-11	5.0E-12	1.4E-17
1,2,3,7,8,9-HxCDD	5.6E-18	1.5E-14	1.2E-13	1.8E-11	6.0E-12	1.8E-17
1,2,3,7,8,9-HxCDF	3.8E-19	8.9E-16	7.1E-15	1.1E-12	3.8E-13	1.0E-18

Table H-382 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	8.4E-18	5.4E-15	4.3E-14	7.2E-12	2.4E-12	6.3E-18
1,2,3,7,8-PeCDF	1.2E-17	6.4E-15	5.1E-14	1.0E-11	3.4E-12	7.4E-18
2,3,4,6,7,8-HxCDF	7.0E-18	1.9E-14	1.5E-13	2.3E-11	7.6E-12	2.2E-17
2,3,4,7,8-PeCDF	1.9E-17	1.5E-14	1.2E-13	2.3E-11	7.7E-12	1.8E-17
2,3,7,8-TCDD	2.7E-18	8.0E-16	6.3E-15	2.4E-12	7.9E-13	6.4E-16
2,3,7,8-TCDF	8.2E-18	2.0E-15	1.6E-14	1.1E-11	3.6E-12	2.4E-18
OCDD	2.5E-20	2.7E-14	2.1E-13	3.0E-11	1.0E-11	3.1E-17
OCDF	9.3E-21	1.0E-14	8.0E-14	1.1E-11	3.7E-12	1.2E-17
HCN						
Hydrogen cyanide				8.4E-06	2.8E-06	
Metals						
Antimony	1.6E-17			3.5E-07	1.2E-07	
Arsenic	8.1E-16	4.8E-17	2.3E-16	2.9E-08	9.5E-09	5.6E-20
Barium	2.7E-12		1.5E-07	4.6E-06	1.5E-06	2.2E-11
Beryllium	3.3E-17		3.9E-14	2.0E-09	6.6E-10	5.8E-18
Cadmium	8.3E-15		3.1E-14	3.6E-08	1.2E-08	4.6E-18
Chromium	2.8E-15		3.7E-09	3.2E-07	1.1E-07	5.5E-13
Cobalt			1.4E-08	2.4E-07	8.1E-08	2.1E-12
Copper			1.7E-08	8.3E-07	2.8E-07	2.5E-12
Lead	6.9E-18		3.8E-12	2.7E-07	8.9E-08	5.6E-16
Manganese			3.1E-11	2.6E-07	8.6E-08	4.5E-15
Mercury (+2)			2.0E-12	1.1E-09	3.8E-10	2.9E-16

Table H-382 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Mercury, elemental				4.7E-12	1.6E-12	
Methyl Mercury	1.3E-14		1.5E-13			2.2E-17
Nickel	3.3E-15		1.6E-13	1.6E-07	5.4E-08	2.3E-17
Phosphorus			2.8E-13	1.2E-06	3.9E-07	8.0E-12
Selenium	2.8E-16		1.6E-15	8.3E-09	2.8E-09	2.3E-19
Silver	2.1E-16		3.2E-11	5.1E-09	1.7E-09	4.7E-15
Titanium			3.2E-13	3.1E-09	1.0E-09	4.8E-17
Zinc	4.1E-12		6.5E-12	5.4E-06	1.8E-06	9.6E-16
NOx						
NOx (Oxides of Nitrogen)				7.1E-05	2.4E-05	
PAHs						
1-Methylnaphthalene		4.9E-15	8.9E-15	1.9E-06	6.2E-07	3.0E-14
1-Methylphenanthrene			6.0E-12	2.3E-07	7.5E-08	8.9E-16
2,3,5-Trimethylnaphthalene			3.0E-12	1.1E-07	3.8E-08	4.4E-16
2,6-Dimethylnaphthalene			7.9E-12	3.0E-07	9.9E-08	1.2E-15
2-Methylnaphthalene		4.7E-15	8.6E-15	1.8E-06	6.1E-07	3.0E-14
Acenaphthylene			2.5E-11	1.1E-06	3.6E-07	3.7E-15
Acenaphthene	3.4E-15			2.0E-07	6.6E-08	
Anthracene	4.3E-14			3.5E-07	1.2E-07	
Benzo(a)anthracene	6.2E-12	4.4E-11	8.0E-11	1.8E-07	5.9E-08	3.6E-12
Benzo(a)pyrene	3.1E-12	1.8E-11	3.3E-11	6.7E-08	2.2E-08	4.9E-15
Benzo(b)fluoranthene	8.3E-13	1.0E-12	1.8E-12	7.2E-08	2.4E-08	2.7E-16

Table H-382 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(e)pyrene			1.3E-12	5.6E-08	1.9E-08	2.0E-16
Benzo(g,h,i)perylene			1.0E-12	4.3E-08	1.4E-08	1.5E-16
Benzo(k)fluoranthene	7.9E-15	7.3E-13	1.3E-12	2.8E-10	9.5E-11	2.0E-16
Biphenyl			1.4E-13	6.4E-06	2.1E-06	2.5E-13
Chrysene	1.1E-12	5.6E-11	1.0E-10	2.9E-07	9.6E-08	1.5E-14
Dibenze(a,h)anthracene	1.6E-13	6.8E-12	1.2E-11	1.0E-08	3.5E-09	1.8E-15
Fluoranthene	2.8E-13	1.4E-12	2.5E-12	4.2E-07	1.4E-07	3.7E-16
Fluorene	6.1E-14			1.1E-06	3.6E-07	
Indeno(1,2,3-cd)pyrene	4.0E-13	1.8E-11	3.3E-11	3.5E-08	1.2E-08	4.9E-15
Napthalene	2.8E-14			8.4E-06	2.8E-06	
Perylene			6.2E-13	2.8E-08	9.2E-09	9.1E-17
Phenanthrene	2.9E-13			2.0E-06	6.6E-07	
Pyrene	2.0E-13	5.7E-12	1.0E-11	4.1E-07	1.4E-07	8.8E-13
Particulate						
Particulate Total Suspended Particulate			1.2E-07	1.2E-03	4.1E-04	1.8E-11
PM<10			1.6E-07	1.6E-03	5.5E-04	2.3E-11
PM<2.5			1.3E-07	1.4E-03	4.8E-04	2.0E-11
PCBs						
Dichlorobiphenyl	6.1E-15	2.0E-14	3.3E-14	5.2E-09	1.7E-09	9.3E-15
Heptachlorobiphenyl	2.3E-16	2.2E-15	3.8E-15	7.0E-11	2.3E-11	5.8E-16
Hexachlorobiphenyl	9.4E-16	9.4E-15	1.6E-14	2.8E-10	9.4E-11	2.4E-15
Monochlorobiphenyl	4.3E-14	1.4E-13	2.3E-13	3.6E-08	1.2E-08	6.5E-14

Table H-382 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Nonachlorobiphenyl	2.9E-17	3.2E-16	5.4E-16	8.7E-12	2.9E-12	8.2E-17
Octachlorobiphenyl	6.9E-17	6.9E-16	1.2E-15	2.1E-11	6.9E-12	1.8E-16
Pentachlorobiphenyl	3.1E-15	3.2E-14	5.5E-14	9.4E-10	3.1E-10	8.3E-15
Tetrachlorobiphenyl	1.8E-15	6.4E-15	1.1E-14	1.5E-09	5.1E-10	3.0E-15
Trichlorobiphenyl	2.4E-15	8.1E-15	1.4E-14	2.0E-09	6.7E-10	3.8E-15
SVOCs						
1,2,4-trichlorobenzene				1.2E-08	3.9E-09	
1,2-dichlorobenzene	2.8E-18			2.6E-09	8.8E-10	
1,3-dichlorobenzene	6.9E-18			7.5E-09	2.5E-09	
1,4-dichlorobenzene	9.2E-17			9.3E-08	3.1E-08	
2,4-Dimethylphenol	2.5E-15			1.3E-06	4.3E-07	
2-Chlorophenol	1.3E-16			2.8E-07	9.4E-08	
2-Methylphenol	5.3E-14			3.2E-06	1.1E-06	
2-Nitrophenol	3.2E-16			4.3E-07	1.4E-07	
3-Methylphenol & 4-Methylphenol			1.5E-10	5.7E-06	1.9E-06	2.3E-14
4-Nitrophenol	6.5E-16			6.6E-07	2.2E-07	
Acetophenone	3.9E-15			6.6E-06	2.2E-06	
Benzoic acid	1.6E-14			3.1E-05	1.0E-05	
Benzyl alcohol	9.8E-18			1.9E-07	6.2E-08	
bis(2-Ethylhexyl) phthalate	4.9E-13	1.2E-10	2.9E-10	1.0E-05	3.4E-06	4.2E-14
Butyl benzyl phthalate	1.8E-13	6.6E-14	1.6E-13	3.4E-07	1.1E-07	2.3E-17
Carbazole			2.6E-13	4.1E-09	1.4E-09	3.8E-17

Table H-382 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibenzofuran		2.9E-15	2.3E-14	5.4E-07	1.8E-07	2.9E-14
Dimethyl phthalate	6.5E-17			8.1E-09	2.7E-09	
Di-n-butyl phthalate	1.7E-12	6.7E-14	1.6E-13	5.2E-07	1.7E-07	2.3E-17
Di-n-octyl phthalate	1.3E-17	8.7E-14	2.1E-13	1.6E-08	5.2E-09	3.0E-17
Hexachlorobutadiene	6.7E-15			1.1E-06	3.6E-07	
Phenol	1.5E-13			1.7E-05	5.7E-06	
Pyridine	7.7E-15			1.6E-06	5.4E-07	
TRS						
Total Reduced Sulfur				1.7E-05	5.8E-06	
VOCs						
1,1,1,2-Tetrachloroethane	2.7E-18			6.2E-09	2.1E-09	
1,1,1-Trichloroethane	1.8E-19			6.8E-09	2.3E-09	
1,1-Dichloroethene	6.0E-21			6.3E-10	2.1E-10	
1,2,3-Trichlorobenzene	1.9E-16			2.7E-08	9.0E-09	
1,2,3-Trichloropropane	1.1E-18			2.6E-09	8.8E-10	
1,2,4-Trimethylbenzene				2.7E-07	9.0E-08	
1,2-Dibromoethane	3.7E-19			1.7E-09	5.6E-10	
1,2-Dichloroethane	1.2E-17			1.4E-07	4.8E-08	
1,3,5-Trimethylbenzene	6.0E-17			2.4E-07	7.9E-08	
1,3-Dichloropropane				1.6E-09	5.4E-10	
2-Butanone	2.4E-15			1.8E-06	6.0E-07	
2-Chlorotoluene				8.3E-08	2.8E-08	

Table H-382 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Hexanone				3.3E-07	1.1E-07	
Benzene	2.0E-15			4.6E-05	1.5E-05	
Bromobenzene				9.1E-07	3.0E-07	
Bromochloromethane				2.1E-09	7.1E-10	
Bromodichloromethane	3.1E-19			2.3E-09	7.7E-10	
Bromomethane	1.3E-18			1.6E-07	5.2E-08	
Carbon disulfide	1.3E-18			1.3E-07	4.4E-08	
Carbon tetrachloride	1.3E-19			5.3E-09	1.8E-09	
Chlorobenzene	4.7E-17			2.3E-07	7.8E-08	
Chlorodibromomethane	1.8E-17			5.8E-08	1.9E-08	
Chloroethane	3.7E-18			4.3E-07	1.4E-07	
Chloroform	2.8E-18			5.2E-08	1.7E-08	
Chloromethane	9.8E-18			1.3E-06	4.3E-07	
cis-1,2-Dichloroethene	3.8E-18			9.7E-08	3.2E-08	
cis-1,3-Dichloropropene				5.9E-10	2.0E-10	
Dibromomethane	4.2E-19			5.0E-09	1.7E-09	
Dichlorodifluoromethane	4.7E-21			6.0E-09	2.0E-09	
Ethylbenzene	1.5E-15			1.0E-05	3.4E-06	
Isopropylbenzene	2.0E-18			7.4E-07	2.5E-07	
m&p-Xylene	2.4E-16			1.7E-06	5.6E-07	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	2.4E-18			8.7E-09	2.9E-09	
Methylene chloride	2.6E-17			9.0E-07	3.0E-07	

Table H-382 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
n-Butylbenzene				3.2E-07	1.1E-07	
n-Propylbenzene				4.2E-07	1.4E-07	
o-Xylene	2.8E-16			1.0E-06	3.5E-07	
p-Chlorotoluene				2.3E-08	7.6E-09	
p-Isopropyltoluene				1.3E-07	4.2E-08	
sec-Butylbenzene				5.9E-08	2.0E-08	
Styrene	9.4E-15			2.5E-05	8.5E-06	
tert-Butylbenzene				1.1E-06	3.7E-07	
Tetrachloroethene	6.6E-19			5.8E-09	1.9E-09	
Toluene	1.6E-15			1.7E-05	5.6E-06	
trans-1,2-Dichloroethene	5.9E-17			2.1E-06	6.9E-07	
trans-1,3-Dichloropropene				1.0E-09	3.4E-10	
Trichloroethene	6.8E-21			1.8E-10	5.9E-11	
Trichlorofluoromethane	1.0E-20			2.1E-09	7.1E-10	
Vinyl chloride	4.8E-19			1.6E-07	5.5E-08	

Table H-383 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas						
Hydrogen Chloride				3.5E-03	1.2E-03	
Aldehydes						
Acetaldehyde	1.0E-14			6.1E-03	2.0E-03	
Formaldehyde	5.1E-14			2.4E-03	7.9E-04	
Propionaldehyde			6.6E-14	6.7E-04	2.2E-04	1.4E-10
CO						
Carbon monoxide				1.9E-01	6.5E-02	
CO2						
Carbon dioxide				5.9E-03	2.0E-03	
Criteria						
Sulfur Dioxide				1.4E-03	4.8E-04	
DIOXINS						
1,2,3,4,6,7,8-HpCDD	1.4E-19	1.2E-14	1.7E-13	4.0E-09	1.3E-09	2.3E-15
1,2,3,4,6,7,8-HpCDF	1.4E-19	1.2E-14	1.7E-13	4.0E-09	1.3E-09	2.3E-15
1,2,3,4,7,8,9-HpCDF	2.1E-20	1.4E-15	2.0E-14	5.2E-10	1.7E-10	2.8E-16
1,2,3,4,7,8-HxCDD	1.6E-19	1.4E-15	2.0E-14	4.8E-10	1.6E-10	2.7E-16
1,2,3,4,7,8-HxCDF	1.1E-18	1.1E-14	1.6E-13	3.9E-09	1.3E-09	2.1E-15
1,2,3,6,7,8-HxCDD	3.0E-19	2.9E-15	4.0E-14	1.0E-09	3.4E-10	5.5E-16
1,2,3,6,7,8-HxCDF	4.0E-19	3.7E-15	5.1E-14	1.3E-09	4.3E-10	7.1E-16
1,2,3,7,8,9-HxCDD	4.4E-19	4.5E-15	6.3E-14	1.5E-09	5.1E-10	8.7E-16
1,2,3,7,8,9-HxCDF	3.3E-20	2.6E-16	3.7E-15	9.8E-11	3.3E-11	5.1E-17

Table H-383 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	8.4E-19	1.6E-15	2.2E-14	6.2E-10	2.1E-10	3.1E-16
1,2,3,7,8-PeCDF	1.2E-18	1.9E-15	2.7E-14	8.8E-10	2.9E-10	3.7E-16
2,3,4,6,7,8-HxCDF	5.8E-19	5.5E-15	7.8E-14	1.9E-09	6.5E-10	1.1E-15
2,3,4,7,8-PeCDF	1.8E-18	4.5E-15	6.4E-14	2.0E-09	6.6E-10	8.8E-16
2,3,7,8-TCDD	2.8E-19	2.4E-16	3.4E-15	2.0E-10	6.8E-11	3.2E-14
2,3,7,8-TCDF	9.1E-19	6.0E-16	8.5E-15	9.2E-10	3.1E-10	1.2E-16
OCDD	1.9E-21	7.9E-15	1.1E-13	2.6E-09	8.7E-10	1.5E-15
OCDF	7.0E-22	3.0E-15	4.2E-14	9.6E-10	3.2E-10	5.8E-16
HCN						
Hydrogen cyanide				7.2E-04	2.4E-04	
Metals						
Antimony	1.8E-18			3.0E-05	1.0E-05	
Arsenic	9.2E-17	2.5E-17	1.3E-16	2.5E-06	8.2E-07	4.8E-18
Barium	2.5E-13		8.6E-08	4.0E-04	1.3E-04	1.2E-09
Beryllium	3.8E-18		3.6E-14	1.7E-07	5.7E-08	5.0E-16
Cadmium	9.5E-16		2.9E-14	3.1E-06	1.0E-06	3.9E-16
Chromium	2.8E-16		2.5E-09	2.7E-05	9.0E-06	3.5E-11
Cobalt			8.0E-09	2.1E-05	7.0E-06	1.1E-10
Copper			1.0E-08	7.1E-05	2.4E-05	1.4E-10
Lead	7.8E-19		3.5E-12	2.3E-05	7.6E-06	4.8E-14
Manganese			2.8E-11	2.2E-05	7.4E-06	3.8E-13
Mercury (+2)			9.1E-13	9.7E-08	3.2E-08	1.2E-14

Table H-383 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Mercury, elemental				4.0E-10	1.3E-10	
Methyl Mercury	9.5E-16		6.7E-14			9.3E-16
Nickel	3.8E-16		1.4E-13	1.4E-05	4.7E-06	2.0E-15
Phosphorus			2.5E-13	1.0E-04	3.4E-05	6.9E-10
Selenium	3.1E-17		1.4E-15	7.1E-07	2.4E-07	2.0E-17
Silver	2.3E-17		2.5E-11	4.4E-07	1.5E-07	3.5E-13
Titanium			2.9E-13	2.7E-07	8.9E-08	4.1E-15
Zinc	4.6E-13		5.9E-12	4.6E-04	1.5E-04	8.2E-14
NOx						
NOx (Oxides of Nitrogen)				6.1E-03	2.0E-03	
PAHs						
1-Methylnaphthalene		2.5E-15	8.1E-15	1.6E-04	5.3E-05	2.6E-12
1-Methylphenanthrene			5.5E-12	1.9E-05	6.4E-06	7.6E-14
2,3,5-Trimethylnaphthalene			2.7E-12	9.8E-06	3.3E-06	3.7E-14
2,6-Dimethylnaphthalene			7.2E-12	2.5E-05	8.5E-06	9.9E-14
2-Methylnaphthalene		2.4E-15	7.9E-15	1.6E-04	5.2E-05	2.5E-12
Acenaphthylene			2.3E-11	9.3E-05	3.1E-05	3.2E-13
Acenaphthene	3.8E-16			1.7E-05	5.6E-06	
Anthracene	4.8E-15			3.0E-05	1.0E-05	
Benzo(a)anthracene	3.7E-12	1.1E-10	3.6E-10	8.1E-05	2.7E-05	1.5E-09
Benzo(a)pyrene	1.8E-12	4.6E-11	1.5E-10	3.1E-05	1.0E-05	2.1E-12
Benzo(b)fluoranthene	5.0E-13	2.5E-12	8.2E-12	3.3E-05	1.1E-05	1.1E-13

Table H-383 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(e)pyrene			1.2E-12	4.8E-06	1.6E-06	1.7E-14
Benzo(g,h,i)perylene			9.3E-13	3.7E-06	1.2E-06	1.3E-14
Benzo(k)fluoranthene	4.1E-15	1.5E-12	4.9E-12	1.3E-07	4.3E-08	6.7E-14
Biphenyl			1.3E-13	5.5E-04	1.8E-04	2.1E-11
Chrysene	6.4E-13	1.3E-10	4.3E-10	1.3E-04	4.4E-05	5.9E-12
Dibenze(a,h)anthracene	9.4E-14	1.6E-11	5.3E-11	4.8E-06	1.6E-06	7.3E-13
Fluoranthene	3.2E-14	6.6E-13	2.2E-12	3.6E-05	1.2E-05	3.0E-14
Fluorene	6.9E-15			9.2E-05	3.1E-05	
Indeno(1,2,3-cd)pyrene	2.3E-13	4.6E-11	1.5E-10	1.6E-05	5.3E-06	2.0E-12
Napthalene	3.2E-15			7.2E-04	2.4E-04	
Perylene			5.6E-13	2.4E-06	7.9E-07	7.7E-15
Phenanthrene	3.3E-14			1.7E-04	5.7E-05	
Pyrene	2.3E-14	2.3E-12	7.3E-12	3.6E-05	1.2E-05	5.8E-11
Particulate						
Particulate Total Suspended Particulate			1.1E-07	1.1E-01	3.5E-02	1.5E-09
PM<10			1.4E-07	1.4E-01	4.7E-02	2.0E-09
PM<2.5			1.2E-07	1.2E-01	4.1E-02	1.7E-09
PCBs						
Dichlorobiphenyl	6.9E-16	5.9E-15	1.8E-14	4.4E-07	1.5E-07	4.6E-13
Heptachlorobiphenyl	2.6E-17	6.6E-16	2.0E-15	6.0E-09	2.0E-09	2.9E-14
Hexachlorobiphenyl	1.1E-16	2.8E-15	8.4E-15	2.4E-08	8.1E-09	1.2E-13
Monochlorobiphenyl	4.8E-15	4.1E-14	1.2E-13	3.1E-06	1.0E-06	3.2E-12

Table H-383 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Nonachlorobiphenyl	3.2E-18	9.4E-17	2.8E-16	7.4E-10	2.5E-10	4.1E-15
Octachlorobiphenyl	7.7E-18	2.0E-16	6.1E-16	1.8E-09	5.9E-10	8.7E-15
Pentachlorobiphenyl	3.5E-16	9.5E-15	2.9E-14	8.1E-08	2.7E-08	4.1E-13
Tetrachlorobiphenyl	2.0E-16	1.9E-15	5.8E-15	1.3E-07	4.4E-08	1.5E-13
Trichlorobiphenyl	2.7E-16	2.4E-15	7.3E-15	1.7E-07	5.8E-08	1.9E-13
SVOCs						
1,2,4-trichlorobenzene				1.0E-06	3.4E-07	
1,2-dichlorobenzene	3.1E-19			2.3E-07	7.6E-08	
1,3-dichlorobenzene	7.9E-19			6.5E-07	2.2E-07	
1,4-dichlorobenzene	1.0E-17			7.9E-06	2.6E-06	
2,4-Dimethylphenol	2.8E-16			1.1E-04	3.7E-05	
2-Chlorophenol	1.5E-17			2.4E-05	8.0E-06	
2-Methylphenol	6.0E-15			2.7E-04	9.1E-05	
2-Nitrophenol	3.6E-17			3.6E-05	1.2E-05	
3-Methylphenol & 4-Methylphenol			1.4E-10	4.9E-04	1.6E-04	1.9E-12
4-Nitrophenol	7.4E-17			5.7E-05	1.9E-05	
Acetophenone	4.5E-16			5.7E-04	1.9E-04	
Benzoic acid	1.8E-15			2.6E-03	8.8E-04	
Benzyl alcohol	1.1E-18			1.6E-05	5.3E-06	
bis(2-Ethylhexyl) phthalate	5.6E-14	6.2E-11	2.6E-10	8.7E-04	2.9E-04	3.6E-12
Butyl benzyl phthalate	2.0E-14	3.4E-14	1.4E-13	2.9E-05	9.7E-06	2.0E-15
Carbazole			2.4E-13	3.5E-07	1.2E-07	3.3E-15

Table H-383 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibenzofuran		1.5E-15	2.1E-14	4.6E-05	1.5E-05	2.5E-12
Dimethyl phthalate	7.3E-18			6.9E-07	2.3E-07	
Di-n-butyl phthalate	1.9E-13	3.4E-14	1.4E-13	4.5E-05	1.5E-05	2.0E-15
Di-n-octyl phthalate	1.4E-18	4.5E-14	1.9E-13	1.3E-06	4.5E-07	2.6E-15
Hexachlorobutadiene	7.6E-16			9.2E-05	3.1E-05	
Phenol	1.7E-14			1.5E-03	4.9E-04	
Pyridine	8.7E-16			1.4E-04	4.6E-05	
TRS						
Total Reduced Sulfur				1.5E-03	4.9E-04	
VOCs						
1,1,1,2-Tetrachloroethane	3.0E-19			5.3E-07	1.8E-07	
1,1,1-Trichloroethane	2.0E-20			5.8E-07	1.9E-07	
1,1-Dichloroethene	6.8E-22			5.4E-08	1.8E-08	
1,2,3-Trichlorobenzene	2.1E-17			2.3E-06	7.7E-07	
1,2,3-Trichloropropane	6.5E-19			1.2E-06	4.0E-07	
1,2,4-Trimethylbenzene				2.3E-05	7.7E-06	
1,2-Dibromoethane	4.2E-20			1.4E-07	4.8E-08	
1,2-Dichloroethane	1.3E-18			1.2E-05	4.1E-06	
1,3,5-Trimethylbenzene	6.8E-18			2.0E-05	6.8E-06	
1,3-Dichloropropane				1.4E-07	4.7E-08	
2-Butanone	2.8E-16			1.5E-04	5.1E-05	
2-Chlorotoluene				7.1E-06	2.4E-06	

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Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Hexanone				2.9E-05	9.6E-06	
Benzene	2.2E-16			4.0E-03	1.3E-03	
Bromobenzene				7.8E-05	2.6E-05	
Bromochloromethane				1.8E-07	6.1E-08	
Bromodichloromethane	3.6E-20			2.0E-07	6.6E-08	
Bromomethane	1.5E-19			1.3E-05	4.5E-06	
Carbon disulfide	1.4E-19			1.1E-05	3.8E-06	
Carbon tetrachloride	1.5E-20			4.5E-07	1.5E-07	
Chlorobenzene	5.3E-18			2.0E-05	6.7E-06	
Chlorodibromomethane	2.1E-18			4.9E-06	1.6E-06	
Chloroethane	4.2E-19			3.7E-05	1.2E-05	
Chloroform	3.2E-19			4.5E-06	1.5E-06	
Chloromethane	1.1E-18			1.1E-04	3.7E-05	
cis-1,2-Dichloroethene	4.3E-19			8.3E-06	2.8E-06	
cis-1,3-Dichloropropene				5.1E-08	1.7E-08	
Dibromomethane	4.7E-20			4.2E-07	1.4E-07	
Dichlorodifluoromethane	5.3E-22			5.2E-07	1.7E-07	
Ethylbenzene	1.7E-16			8.6E-04	2.9E-04	
Isopropylbenzene	2.2E-19			6.3E-05	2.1E-05	
m&p-Xylene	2.7E-17			1.4E-04	4.8E-05	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	2.7E-19			7.4E-07	2.5E-07	
Methylene chloride	1.6E-17			4.1E-04	1.4E-04	

Table H-383 (Lifetime Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
n-Butylbenzene				2.7E-05	9.0E-06	
n-Propylbenzene				3.6E-05	1.2E-05	
o-Xylene	3.1E-17			8.9E-05	3.0E-05	
p-Chlorotoluene				2.0E-06	6.5E-07	
p-Isopropyltoluene				1.1E-05	3.6E-06	
sec-Butylbenzene				5.1E-06	1.7E-06	
Styrene	1.1E-15			2.2E-03	7.3E-04	
tert-Butylbenzene				9.5E-05	3.2E-05	
Tetrachloroethene	7.5E-20			4.9E-07	1.6E-07	
Toluene	1.8E-16			1.4E-03	4.8E-04	
trans-1,2-Dichloroethene	6.7E-18			1.8E-04	5.9E-05	
trans-1,3-Dichloropropene				8.8E-08	2.9E-08	
Trichloroethene	4.1E-21			8.1E-08	2.7E-08	
Trichlorofluoromethane	1.2E-21			1.8E-07	6.1E-08	
Vinyl chloride	2.9E-19			7.5E-05	2.5E-05	

Table H-384 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Acid Gas						
Hydrogen Chloride				4.1E-05	1.4E-05	
Aldehydes						
Acetaldehyde	1.2E-13			7.1E-05	2.4E-05	
Formaldehyde	6.0E-13			2.8E-05	9.2E-06	
Propionaldehyde			7.7E-13	7.8E-06	2.6E-06	1.6E-12
CO						
Carbon monoxide				2.3E-03	7.6E-04	
CO2						
Carbon dioxide				6.8E-05	2.3E-05	
Criteria						
Sulfur Dioxide				1.7E-05	5.6E-06	
DIOXINS						
1,2,3,4,6,7,8-HpCDD	2.4E-18	2.4E-13	3.4E-12	4.6E-11	1.5E-11	4.7E-17
1,2,3,4,6,7,8-HpCDF	2.4E-18	2.4E-13	3.4E-12	4.6E-11	1.5E-11	4.7E-17
1,2,3,4,7,8,9-HpCDF	3.3E-19	2.9E-14	4.1E-13	6.0E-12	2.0E-12	5.7E-18
1,2,3,4,7,8-HxCDD	2.6E-18	2.8E-14	4.0E-13	5.6E-12	1.9E-12	5.5E-18
1,2,3,4,7,8-HxCDF	1.8E-17	2.2E-13	3.2E-12	4.6E-11	1.5E-11	4.4E-17
1,2,3,6,7,8-HxCDD	4.8E-18	5.8E-14	8.2E-13	1.2E-11	3.9E-12	1.1E-17
1,2,3,6,7,8-HxCDF	6.5E-18	7.4E-14	1.0E-12	1.5E-11	5.0E-12	1.4E-17
1,2,3,7,8,9-HxCDD	7.3E-18	9.1E-14	1.3E-12	1.8E-11	6.0E-12	1.8E-17
1,2,3,7,8,9-HxCDF	5.0E-19	5.4E-15	7.5E-14	1.1E-12	3.8E-13	1.0E-18

Table H-384 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
1,2,3,7,8-PeCDD	1.1E-17	3.2E-14	4.6E-13	7.2E-12	2.4E-12	6.3E-18
1,2,3,7,8-PeCDF	1.5E-17	3.8E-14	5.4E-13	1.0E-11	3.4E-12	7.4E-18
2,3,4,6,7,8-HxCDF	9.2E-18	1.1E-13	1.6E-12	2.3E-11	7.6E-12	2.2E-17
2,3,4,7,8-PeCDF	2.5E-17	9.2E-14	1.3E-12	2.3E-11	7.7E-12	1.8E-17
2,3,7,8-TCDD	3.5E-18	4.8E-15	6.7E-14	2.4E-12	7.9E-13	6.4E-16
2,3,7,8-TCDF	1.1E-17	1.2E-14	1.7E-13	1.1E-11	3.6E-12	2.4E-18
OCDD	3.3E-20	1.6E-13	2.3E-12	3.0E-11	1.0E-11	3.1E-17
OCDF	1.2E-20	6.1E-14	8.5E-13	1.1E-11	3.7E-12	1.2E-17
HCN						
Hydrogen cyanide				8.4E-06	2.8E-06	
Metals						
Antimony	2.1E-17			3.5E-07	1.2E-07	
Arsenic	1.1E-15	2.9E-16	2.4E-15	2.9E-08	9.5E-09	5.6E-20
Barium	3.6E-12		1.6E-06	4.6E-06	1.5E-06	2.2E-11
Beryllium	4.4E-17		4.2E-13	2.0E-09	6.6E-10	5.8E-18
Cadmium	1.1E-14		3.3E-13	3.6E-08	1.2E-08	4.6E-18
Chromium	3.7E-15		4.0E-08	3.2E-07	1.1E-07	5.5E-13
Cobalt			1.5E-07	2.4E-07	8.1E-08	2.1E-12
Copper			1.8E-07	8.3E-07	2.8E-07	2.5E-12
Lead	9.1E-18		4.1E-11	2.7E-07	8.9E-08	5.6E-16
Manganese			3.3E-10	2.6E-07	8.6E-08	4.5E-15
Mercury (+2)			2.1E-11	1.1E-09	3.8E-10	2.9E-16

Table H-384 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Mercury, elemental				4.7E-12	1.6E-12	
Methyl Mercury	1.7E-14		1.6E-12			2.2E-17
Nickel	4.4E-15		1.7E-12	1.6E-07	5.4E-08	2.3E-17
Phosphorus			3.0E-12	1.2E-06	3.9E-07	8.0E-12
Selenium	3.6E-16		1.7E-14	8.3E-09	2.8E-09	2.3E-19
Silver	2.8E-16		3.4E-10	5.1E-09	1.7E-09	4.7E-15
Titanium			3.4E-12	3.1E-09	1.0E-09	4.8E-17
Zinc	5.4E-12		6.9E-11	5.4E-06	1.8E-06	9.6E-16
NOx						
NOx (Oxides of Nitrogen)				7.1E-05	2.4E-05	
PAHs						
1-Methylnaphthalene		2.9E-14	9.4E-14	1.9E-06	6.2E-07	3.0E-14
1-Methylphenanthrene			6.4E-11	2.3E-07	7.5E-08	8.9E-16
2,3,5-Trimethylnaphthalene			3.2E-11	1.1E-07	3.8E-08	4.4E-16
2,6-Dimethylnaphthalene			8.4E-11	3.0E-07	9.9E-08	1.2E-15
2-Methylnaphthalene		2.8E-14	9.2E-14	1.8E-06	6.1E-07	3.0E-14
Acenaphthylene			2.7E-10	1.1E-06	3.6E-07	3.7E-15
Acenaphthene	4.5E-15			2.0E-07	6.6E-08	
Anthracene	5.6E-14			3.5E-07	1.2E-07	
Benzo(a)anthracene	8.1E-12	2.6E-10	8.6E-10	1.8E-07	5.9E-08	3.6E-12
Benzo(a)pyrene	4.0E-12	1.1E-10	3.5E-10	6.7E-08	2.2E-08	4.9E-15
Benzo(b)fluoranthene	1.1E-12	6.0E-12	1.9E-11	7.2E-08	2.4E-08	2.7E-16

Table H-384 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Benzo(e)pyrene			1.4E-11	5.6E-08	1.9E-08	2.0E-16
Benzo(g,h,i)perylene			1.1E-11	4.3E-08	1.4E-08	1.5E-16
Benzo(k)fluoranthene	1.0E-14	4.4E-12	1.4E-11	2.8E-10	9.5E-11	2.0E-16
Biphenyl			1.5E-12	6.4E-06	2.1E-06	2.5E-13
Chrysene	1.4E-12	3.3E-10	1.1E-09	2.9E-07	9.6E-08	1.5E-14
Dibenze(a,h)anthracene	2.1E-13	4.1E-11	1.3E-10	1.0E-08	3.5E-09	1.8E-15
Fluoranthene	3.7E-13	8.2E-12	2.7E-11	4.2E-07	1.4E-07	3.7E-16
Fluorene	8.1E-14			1.1E-06	3.6E-07	
Indeno(1,2,3-cd)pyrene	5.3E-13	1.1E-10	3.6E-10	3.5E-08	1.2E-08	4.9E-15
Napthalene	3.7E-14			8.4E-06	2.8E-06	
Perylene			6.6E-12	2.8E-08	9.2E-09	9.1E-17
Phenanthrene	3.9E-13			2.0E-06	6.6E-07	
Pyrene	2.7E-13	3.4E-11	1.1E-10	4.1E-07	1.4E-07	8.8E-13
Particulate						
Particulate Total Suspended Particulate			1.3E-06	1.2E-03	4.1E-04	1.8E-11
PM<10			1.7E-06	1.6E-03	5.5E-04	2.3E-11
PM<2.5			1.4E-06	1.4E-03	4.8E-04	2.0E-11
PCBs						
Dichlorobiphenyl	8.0E-15	1.2E-13	3.5E-13	5.2E-09	1.7E-09	9.3E-15
Heptachlorobiphenyl	3.1E-16	1.3E-14	4.0E-14	7.0E-11	2.3E-11	5.8E-16
Hexachlorobiphenyl	1.2E-15	5.6E-14	1.7E-13	2.8E-10	9.4E-11	2.4E-15
Monochlorobiphenyl	5.6E-14	8.2E-13	2.5E-12	3.6E-08	1.2E-08	6.5E-14

Table H-384 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Nonachlorobiphenyl	3.8E-17	1.9E-15	5.7E-15	8.7E-12	2.9E-12	8.2E-17
Octachlorobiphenyl	9.1E-17	4.1E-15	1.2E-14	2.1E-11	6.9E-12	1.8E-16
Pentachlorobiphenyl	4.1E-15	1.9E-13	5.8E-13	9.4E-10	3.1E-10	8.3E-15
Tetrachlorobiphenyl	2.4E-15	3.8E-14	1.2E-13	1.5E-09	5.1E-10	3.0E-15
Trichlorobiphenyl	3.1E-15	4.8E-14	1.5E-13	2.0E-09	6.7E-10	3.8E-15
SVOCs						
1,2,4-trichlorobenzene				1.2E-08	3.9E-09	
1,2-dichlorobenzene	3.6E-18			2.6E-09	8.8E-10	
1,3-dichlorobenzene	9.2E-18			7.5E-09	2.5E-09	
1,4-dichlorobenzene	1.2E-16			9.3E-08	3.1E-08	
2,4-Dimethylphenol	3.3E-15			1.3E-06	4.3E-07	
2-Chlorophenol	1.7E-16			2.8E-07	9.4E-08	
2-Methylphenol	7.0E-14			3.2E-06	1.1E-06	
2-Nitrophenol	4.2E-16			4.3E-07	1.4E-07	
3-Methylphenol & 4-Methylphenol			1.6E-09	5.7E-06	1.9E-06	2.3E-14
4-Nitrophenol	8.6E-16			6.6E-07	2.2E-07	
Acetophenone	5.2E-15			6.6E-06	2.2E-06	
Benzoic acid	2.1E-14			3.1E-05	1.0E-05	
Benzyl alcohol	1.3E-17			1.9E-07	6.2E-08	
bis(2-Ethylhexyl) phthalate	6.5E-13	7.2E-10	3.1E-09	1.0E-05	3.4E-06	4.2E-14
Butyl benzyl phthalate	2.3E-13	4.0E-13	1.7E-12	3.4E-07	1.1E-07	2.3E-17
Carbazole			2.8E-12	4.1E-09	1.4E-09	3.8E-17

Table H-384 (Average Daily Dose)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
Dibenzofuran		1.7E-14	2.4E-13	5.4E-07	1.8E-07	2.9E-14
Dimethyl phthalate	8.5E-17			8.1E-09	2.7E-09	
Di-n-butyl phthalate	2.2E-12	4.0E-13	1.7E-12	5.2E-07	1.7E-07	2.3E-17
Di-n-octyl phthalate	1.7E-17	5.2E-13	2.2E-12	1.6E-08	5.2E-09	3.0E-17
Hexachlorobutadiene	8.9E-15			1.1E-06	3.6E-07	
Phenol	1.9E-13			1.7E-05	5.7E-06	
Pyridine	1.0E-14			1.6E-06	5.4E-07	
TRS						
Total Reduced Sulfur				1.7E-05	5.8E-06	
VOCs						
1,1,1,2-Tetrachloroethane	3.5E-18			6.2E-09	2.1E-09	
1,1,1-Trichloroethane	2.3E-19			6.8E-09	2.3E-09	
1,1-Dichloroethene	7.9E-21			6.3E-10	2.1E-10	
1,2,3-Trichlorobenzene	2.5E-16			2.7E-08	9.0E-09	
1,2,3-Trichloropropane	1.4E-18			2.6E-09	8.8E-10	
1,2,4-Trimethylbenzene				2.7E-07	9.0E-08	
1,2-Dibromoethane	4.9E-19			1.7E-09	5.6E-10	
1,2-Dichloroethane	1.5E-17			1.4E-07	4.8E-08	
1,3,5-Trimethylbenzene	8.0E-17			2.4E-07	7.9E-08	
1,3-Dichloropropane				1.6E-09	5.4E-10	
2-Butanone	3.2E-15			1.8E-06	6.0E-07	
2-Chlorotoluene				8.3E-08	2.8E-08	

Table H-384 (Average Daily Dose)

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Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
2-Hexanone				3.3E-07	1.1E-07	
Benzene	2.6E-15			4.6E-05	1.5E-05	
Bromobenzene				9.1E-07	3.0E-07	
Bromochloromethane				2.1E-09	7.1E-10	
Bromodichloromethane	4.1E-19			2.3E-09	7.7E-10	
Bromomethane	1.8E-18			1.6E-07	5.2E-08	
Carbon disulfide	1.7E-18			1.3E-07	4.4E-08	
Carbon tetrachloride	1.8E-19			5.3E-09	1.8E-09	
Chlorobenzene	6.2E-17			2.3E-07	7.8E-08	
Chlorodibromomethane	2.4E-17			5.8E-08	1.9E-08	
Chloroethane	4.9E-18			4.3E-07	1.4E-07	
Chloroform	3.7E-18			5.2E-08	1.7E-08	
Chloromethane	1.3E-17			1.3E-06	4.3E-07	
cis-1,2-Dichloroethene	5.0E-18			9.7E-08	3.2E-08	
cis-1,3-Dichloropropene				5.9E-10	2.0E-10	
Dibromomethane	5.5E-19			5.0E-09	1.7E-09	
Dichlorodifluoromethane	6.2E-21			6.0E-09	2.0E-09	
Ethylbenzene	2.0E-15			1.0E-05	3.4E-06	
Isopropylbenzene	2.6E-18			7.4E-07	2.5E-07	
m&p-Xylene	3.1E-16			1.7E-06	5.6E-07	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	3.2E-18			8.7E-09	2.9E-09	
Methylene chloride	3.4E-17			9.0E-07	3.0E-07	

Table H-384 (Average Daily Dose)

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Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish (mg/kg-day)	Dermal Contact with Soil (mg/kg-day)	Ingestion of Soil (mg/kg-day)	Inhalation of Indoor Air (ug/m3)	Inhalation of Outdoor Air (ug/m3)	Inhalation of Particulate/Vapors Outdoors (ug/m3)
n-Butylbenzene				3.2E-07	1.1E-07	
n-Propylbenzene				4.2E-07	1.4E-07	
o-Xylene	3.7E-16			1.0E-06	3.5E-07	
p-Chlorotoluene				2.3E-08	7.6E-09	
p-Isopropyltoluene				1.3E-07	4.2E-08	
sec-Butylbenzene				5.9E-08	2.0E-08	
Styrene	1.2E-14			2.5E-05	8.5E-06	
tert-Butylbenzene				1.1E-06	3.7E-07	
Tetrachloroethene	8.7E-19			5.8E-09	1.9E-09	
Toluene	2.1E-15			1.7E-05	5.6E-06	
trans-1,2-Dichloroethene	7.8E-17			2.1E-06	6.9E-07	
trans-1,3-Dichloropropene				1.0E-09	3.4E-10	
Trichloroethene	9.0E-21			1.8E-10	5.9E-11	
Trichlorofluoromethane	1.4E-20			2.1E-09	7.1E-10	
Vinyl chloride	6.3E-19			1.6E-07	5.5E-08	

Table H-385 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			4.5E-11	5.7E-12		5.1E-11
Formaldehyde			1.1E-06	1.4E-11		1.1E-06
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	1.4E-14	5.5E-14	4.6E-12	5.8E-13	7.9E-19	5.2E-12
1,2,3,4,6,7,8-HpCDF	1.4E-14	5.6E-14	4.7E-12	5.8E-13	8.0E-19	5.3E-12
1,2,3,4,7,8,9-HpCDF	1.6E-15	6.4E-15	5.9E-13	7.4E-14	9.1E-20	6.7E-13
1,2,3,4,7,8-HxCDD	1.6E-14	6.2E-14	5.5E-12	6.9E-13	8.9E-19	6.3E-12
1,2,3,4,7,8-HxCDF	1.3E-13	5.0E-13	4.5E-11	5.6E-12	7.1E-18	5.1E-11
1,2,3,6,7,8-HxCDD	3.2E-14	1.3E-13	1.2E-11	1.5E-12	1.8E-18	1.3E-11
1,2,3,6,7,8-HxCDF	4.1E-14	1.6E-13	1.5E-11	1.8E-12	2.3E-18	1.7E-11
1,2,3,7,8,9-HxCDD	5.1E-14	2.0E-13	1.8E-11	2.2E-12	2.9E-18	2.0E-11
1,2,3,7,8,9-HxCDF	2.9E-15	1.2E-14	1.1E-12	1.4E-13	1.7E-19	1.3E-12
1,2,3,7,8-PeCDD	1.8E-13	7.1E-13	7.0E-11	8.8E-12	1.0E-17	8.0E-11

Table H-385 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	1.1E-14	4.1E-14	5.0E-12	6.2E-13	5.9E-19	5.7E-12
2,3,4,6,7,8-HxCDF	6.4E-14	2.5E-13	2.3E-11	2.8E-12	3.6E-18	2.6E-11
2,3,4,7,8-PeCDF	2.5E-13	9.9E-13	1.1E-10	1.4E-11	1.4E-17	1.3E-10
2,3,7,8-TCDD	3.7E-14	1.5E-13	2.8E-11	3.5E-12	1.4E-15	3.2E-11
2,3,7,8-TCDF	6.7E-15	2.6E-14	1.0E-11	1.3E-12	3.8E-19	1.2E-11
OCDD	9.4E-17	3.7E-16	3.1E-14	3.8E-15	5.3E-21	3.5E-14
OCDF	3.6E-17	1.4E-16	1.1E-14	1.4E-15	2.1E-21	1.3E-14
DNT						
2,4-Dinitrotoluene	1.8E-09	2.1E-09			3.0E-14	3.9E-09
2,6-Dinitrotoluene	1.4E-08	1.6E-08				3.0E-08
HCN						
Hydrogen cyanide						
Metals						
Aluminum						
Antimony						
Arsenic	1.3E-08	3.0E-08	3.6E-11	4.6E-12	7.1E-12	4.3E-08
Barium						
Beryllium			1.5E-12	1.8E-13	1.8E-21	1.7E-12
Cadmium			1.9E-11	2.4E-12	1.0E-21	2.2E-11
Chromium						
Cobalt			1.3E-09	1.6E-10	1.2E-10	1.5E-09
Copper						
Iron						

Table H-385 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Lead						
Manganese						
Mercury (+2)						
Mercury, elemental						
Methyl Mercury						
Nickel			1.3E-11	1.6E-12	7.3E-11	8.8E-11
Phosphorus						
Selenium						
Silver						
Thallium (Soluble Salts)						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	9.9E-20	9.0E-20				1.9E-19
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						

Table H-385 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(a)anthracene	1.6E-09	1.5E-09	4.7E-12	5.9E-13	3.4E-12	3.1E-09
Benzo(a)pyrene	2.8E-08	2.5E-08	1.8E-11	2.3E-12	1.8E-13	5.3E-08
Benzo(b)fluoranthene	5.9E-09	5.4E-09	2.1E-12	2.6E-13	4.0E-14	1.1E-08
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	3.8E-11	3.4E-11	1.8E-14	2.3E-15	2.5E-15	7.2E-11
Biphenyl		3.8E-19				3.8E-19
Chrysene	2.4E-11	2.1E-11	8.0E-13	1.0E-13	1.6E-15	4.6E-11
Dibenze(a,h)anthracene	1.0E-09	9.4E-10	3.2E-12	4.0E-13	7.6E-15	2.0E-09
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	1.5E-09	1.3E-09	9.7E-13	1.2E-13	9.9E-15	2.8E-09
Napthalene			7.2E-11	9.0E-12		8.1E-11
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	3.5E-19	3.0E-19	2.7E-14	3.3E-15	8.0E-21	3.0E-14
Heptachlorobiphenyl	1.2E-18	9.8E-19	1.0E-14	1.3E-15	1.4E-20	1.2E-14

Table H-385 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Hexachlorobiphenyl	5.2E-18	4.4E-18	4.3E-14	5.4E-15	6.4E-20	4.9E-14
Monochlorobiphenyl	2.5E-18	2.1E-18	1.8E-13	2.3E-14	5.5E-20	2.1E-13
Nonachlorobiphenyl	2.0E-19	1.7E-19	1.5E-15	1.8E-16	2.5E-21	1.6E-15
Octachlorobiphenyl	3.8E-19	3.2E-19	3.2E-15	4.0E-16	4.6E-21	3.6E-15
Pentachlorobiphenyl	1.9E-17	1.6E-17	1.5E-13	1.9E-14	2.3E-19	1.7E-13
Tetrachlorobiphenyl	1.4E-19	1.1E-19	8.6E-15	1.1E-15	3.0E-21	9.7E-15
Trichlorobiphenyl	1.6E-19	1.4E-19	1.1E-14	1.4E-15	3.7E-21	1.2E-14
Pesticides						
DDE		2.5E-10			2.3E-12	2.5E-10
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-Butadiene			1.4E-08			1.4E-08
1,3-dichlorobenzene						
1,4-dichlorobenzene			2.4E-13	3.0E-14		2.7E-13
1,4-Dioxane			5.2E-09			5.2E-09
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						

Table H-385 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	1.3E-15	1.6E-15	6.5E-12	8.1E-13	1.3E-20	7.3E-12
Butyl benzyl phthalate	8.8E-20	1.0E-19				1.9E-19
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			1.4E-11	1.7E-12		1.6E-11
Isopropanol						
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			1.4E-14	1.8E-15		1.6E-14
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			5.9E-13	7.4E-14		6.7E-13

Table H-385 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
1,2-Dichloroethane			1.3E-08	3.7E-10		1.3E-08
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						
2-Chlorotoluene						
2-Hexanone						
Benzene			9.4E-09	1.1E-09		1.0E-08
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			5.0E-14	6.3E-15		5.7E-14
Bromomethane						
Carbon disulfide						
Carbon tetrachloride			1.3E-08	1.3E-09		1.4E-08
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			8.3E-09	7.9E-10		9.0E-09
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			3.4E-09	8.7E-13		3.4E-09

Table H-385 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			2.6E-15	3.2E-16		2.9E-15
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethene			4.5E-16	5.6E-17		5.1E-16
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			2.7E-10	5.3E-17		2.7E-10
Trichlorofluoromethane						
Vinyl chloride			3.1E-13	3.9E-14		3.5E-13
Grand Total	6.6E-08	8.3E-08	1.1E-06	3.8E-09	2.1E-10	1.3E-06

Table H-386 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			4.2E-05	5.2E-06		4.7E-05
Aldehydes						
Acetaldehyde			1.6E-04	2.0E-05		1.8E-04
Formaldehyde			5.8E-01	7.9E-06		5.8E-01
Propionaldehyde			2.0E-05	2.5E-06	2.1E-12	2.2E-05
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-386 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	5.2E-08	2.0E-07	1.3E-06	1.6E-07	1.2E-10	1.7E-06
2,3,7,8-TCDF						
OCDD						
OCDF						
DNT						
2,4-Dinitrotoluene	2.0E-04	2.4E-04				4.4E-04
2,6-Dinitrotoluene	2.1E-03	2.5E-03				4.7E-03
HCN						
Hydrogen cyanide			2.0E-04	2.5E-05		2.2E-04
Metals						
Aluminum		7.9E-03			7.7E-05	7.9E-03
Antimony		7.6E-04				7.6E-04
Arsenic	2.0E-03	4.7E-03	4.0E-05	4.9E-06	7.7E-06	6.8E-03
Barium		1.6E-08	2.5E-04	3.1E-05	3.1E-10	2.8E-04
Beryllium		5.2E-13	2.1E-06	2.7E-07	2.6E-15	2.4E-06
Cadmium		8.2E-13	7.6E-05	9.5E-06	4.0E-15	8.5E-05
Chromium		5.5E-11				5.5E-11
Cobalt		6.5E-02	1.6E-03	2.0E-04	1.6E-04	6.7E-02
Copper		8.4E-09				8.4E-09
Iron		2.4E-02				2.4E-02

Table H-386 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Lead						
Manganese						
Mercury (+2)		1.1E-10	7.8E-08	9.8E-09	5.6E-15	8.8E-08
Mercury, elemental			3.3E-10	4.1E-11	9.6E-05	9.6E-05
Methyl Mercury		2.0E-11				2.0E-11
Nickel		2.0E-02	3.9E-05	4.8E-06	2.2E-04	2.0E-02
Phosphorus		3.7E-10				3.7E-10
Selenium		8.1E-15	8.7E-09	1.1E-09	9.9E-20	9.8E-09
Silver		1.7E-10				1.7E-10
Thallium (Soluble Salts)		1.1E-02				1.1E-02
Titanium						
Zinc		6.1E-13				6.1E-13
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.4E-15	3.1E-15				6.5E-15
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	5.8E-14	5.2E-14				1.1E-13
Acenaphthylene						
Acenaphthene						
Anthracene						

Table H-386 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						
Biphenyl		6.7E-15	2.8E-04	3.5E-05	4.9E-12	3.1E-04
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	1.7E-12	1.5E-12				3.2E-12
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene			5.0E-05	6.2E-06		5.6E-05
Perylene						
Phenanthrene						
Pyrene	8.3E-12	7.6E-12				1.6E-11
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	9.3E-12	7.8E-12				1.7E-11
Heptachlorobiphenyl	3.7E-12	3.2E-12	9.8E-10	1.2E-10	2.5E-15	1.1E-09

Table H-386 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Hexachlorobiphenyl	1.7E-11	1.4E-11	4.1E-06	5.1E-07	1.1E-11	4.6E-06
Monochlorobiphenyl	6.4E-11	5.4E-11				1.2E-10
Nonachlorobiphenyl	6.6E-13	5.6E-13				1.2E-12
Octachlorobiphenyl	1.2E-12	1.0E-12				2.2E-12
Pentachlorobiphenyl	6.1E-11	5.1E-11	4.6E-05	5.7E-06	1.3E-10	5.1E-05
Tetrachlorobiphenyl	3.5E-12	3.0E-12	2.3E-07	2.9E-08	1.5E-13	2.6E-07
Trichlorobiphenyl	4.3E-12	3.6E-12				7.8E-12
Pesticides						
DDE						
SVOCs						
1,2,4-trichlorobenzene			1.3E-07	1.7E-08		1.5E-07
1,2-dichlorobenzene			5.4E-10	6.8E-11		6.1E-10
1,3-Butadiene			1.6E-02			1.6E-02
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.9E-09	2.4E-10		2.1E-09
1,4-Dioxane			2.4E-03			2.4E-03
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			9.3E-08	1.2E-08		1.0E-07
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						

Table H-386 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-10	4.0E-10				7.4E-10
Butyl benzyl phthalate	1.6E-14	1.9E-14				3.6E-14
Carbazole						
Dibenzofuran	1.4E-13	5.7E-13				7.1E-13
Dimethyl phthalate						
Di-n-butyl phthalate	3.3E-14	3.9E-14				7.1E-14
Di-n-octyl phthalate	9.4E-13	1.1E-12				2.1E-12
Hexachlorobutadiene						
Isopropanol			4.1E-03			4.1E-03
Phenol			1.5E-06	1.9E-07		1.7E-06
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			2.7E-11	3.3E-12		3.0E-11
1,1-Dichloroethene			1.3E-10	1.6E-11		1.5E-10
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.6E-07	4.5E-08		4.1E-07
1,2,4-Trimethylbenzene			8.9E-07	1.1E-07		1.0E-06
1,2-Dibromoethane			7.7E-09	9.6E-10		8.6E-09

Table H-386 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
1,2-Dichloroethane			4.9E-03	1.4E-04		5.0E-03
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone			6.6E-09	8.3E-10		7.4E-09
2-Chlorotoluene						
2-Hexanone			2.3E-07	2.8E-08		2.5E-07
Benzene			2.8E-03	3.2E-04		3.1E-03
Bromobenzene			6.2E-07	7.8E-08		7.0E-07
Bromochloromethane			2.2E-09	2.8E-10		2.5E-09
Bromodichloromethane						
Bromomethane			7.6E-07	9.5E-08		8.6E-07
Carbon disulfide			4.8E-09	6.0E-10		5.4E-09
Carbon tetrachloride			1.5E-03	1.5E-04		1.6E-03
Chlorobenzene			9.6E-08	1.2E-08		1.1E-07
Chlorodibromomethane						
Chloroethane			9.1E-10	1.1E-10		1.0E-09
Chloroform			2.6E-04	2.4E-05		2.8E-04
Chloromethane			3.4E-07	4.3E-08		3.9E-07
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			5.1E-08	6.4E-09		5.7E-08
Dichlorodifluoromethane			2.5E-09	3.1E-10		2.8E-09
Ethylbenzene			9.6E-05	2.4E-08		9.6E-05

Table H-386 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Isopropylbenzene			3.9E-08	4.9E-09		4.4E-08
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.2E-10	1.5E-11		1.3E-10
Methylene chloride			3.0E-08	3.8E-09		3.4E-08
n-Butylbenzene						
n-Propylbenzene			9.4E-09	1.2E-09		1.1E-08
o-Xylene			2.3E-07	2.9E-08		2.6E-07
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			5.1E-07	6.4E-08		5.7E-07
tert-Butylbenzene						
Tetrachloroethene			3.0E-09	3.8E-10		3.4E-09
Toluene			6.3E-08	7.9E-09		7.1E-08
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			2.3E-03	4.5E-10		2.3E-03
Trichlorofluoromethane						
Vinyl chloride			5.0E-08	6.2E-09		5.6E-08
Grand Total	4.3E-03	1.4E-01	6.2E-01	1.0E-03	5.6E-04	7.6E-01

Table H-387 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						4.5E-11	1.1E-10	5.7E-12	5.7E-12			1.6E-10
Formaldehyde						1.1E-06	2.6E-10	1.4E-11	1.4E-11			1.1E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.7E-17	1.4E-14	2.0E-14	5.5E-14	1.5E-13	4.6E-12	1.1E-11	5.8E-13	5.8E-13	7.9E-19	4.9E-18	1.7E-11
1,2,3,4,6,7,8-HpCDF	1.7E-17	1.4E-14	2.0E-14	5.6E-14	1.6E-13	4.7E-12	1.1E-11	5.8E-13	5.8E-13	8.0E-19	4.9E-18	1.7E-11
1,2,3,4,7,8,9-HpCDF	2.7E-18	1.6E-15	2.3E-15	6.4E-15	1.8E-14	5.9E-13	1.4E-12	7.4E-14	7.4E-14	9.1E-20	5.6E-19	2.1E-12
1,2,3,4,7,8-HxCDD	2.0E-16	1.6E-14	2.2E-14	6.2E-14	1.7E-13	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.9E-19	5.5E-18	2.0E-11
1,2,3,4,7,8-HxCDF	1.4E-15	1.3E-13	1.8E-13	5.0E-13	1.4E-12	4.5E-11	1.0E-10	5.6E-12	5.6E-12	7.1E-18	4.4E-17	1.6E-10
1,2,3,6,7,8-HxCDD	4.0E-16	3.2E-14	4.5E-14	1.3E-13	3.6E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.8E-18	1.1E-17	4.2E-11
1,2,3,6,7,8-HxCDF	5.2E-16	4.1E-14	5.8E-14	1.6E-13	4.5E-13	1.5E-11	3.4E-11	1.8E-12	1.8E-12	2.3E-18	1.4E-17	5.3E-11
1,2,3,7,8,9-HxCDD	5.5E-16	5.1E-14	7.1E-14	2.0E-13	5.6E-13	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.9E-18	1.8E-17	6.4E-11
1,2,3,7,8,9-HxCDF	4.4E-17	2.9E-15	4.1E-15	1.2E-14	3.2E-14	1.1E-12	2.6E-12	1.4E-13	1.4E-13	1.7E-19	1.0E-18	4.0E-12
1,2,3,7,8-PeCDD	1.3E-14	1.8E-13	2.5E-13	7.1E-13	2.0E-12	7.0E-11	1.6E-10	8.8E-12	8.8E-12	1.0E-17	6.2E-17	2.5E-10
1,2,3,7,8-PeCDF	8.9E-16	1.1E-14	1.5E-14	4.1E-14	1.2E-13	5.0E-12	1.2E-11	6.2E-13	6.2E-13	5.9E-19	3.7E-18	1.8E-11
2,3,4,6,7,8-HxCDF	7.6E-16	6.4E-14	9.0E-14	2.5E-13	7.1E-13	2.3E-11	5.2E-11	2.8E-12	2.8E-12	3.6E-18	2.2E-17	8.2E-11
2,3,4,7,8-PeCDF	1.4E-14	2.5E-13	3.5E-13	9.9E-13	2.8E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	1.4E-17	8.8E-17	4.0E-10
2,3,7,8-TCDD	4.5E-15	3.7E-14	5.2E-14	1.5E-13	4.1E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	1.4E-15	8.9E-15	1.0E-10
2,3,7,8-TCDF	1.5E-15	6.7E-15	9.3E-15	2.6E-14	7.4E-14	1.0E-11	2.4E-11	1.3E-12	1.3E-12	3.8E-19	2.3E-18	3.7E-11
OCDD	2.3E-21	9.4E-17	1.3E-16	3.7E-16	1.0E-15	3.1E-14	7.1E-14	3.8E-15	3.8E-15	5.3E-21	3.3E-20	1.1E-13
OCDF	8.4E-22	3.6E-17	5.1E-17	1.4E-16	4.0E-16	1.1E-14	2.6E-14	1.4E-15	1.4E-15	2.1E-21	1.3E-20	4.1E-14
DNT												
2,4-Dinitrotoluene		1.8E-09		2.1E-09						3.0E-14		3.9E-09
2,6-Dinitrotoluene		1.4E-08		1.6E-08								3.0E-08
HCN												
Hydrogen cyanide												

Table H-387 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum												
Antimony												
Arsenic	1.7E-17	1.3E-08	4.9E-09	3.0E-08	2.3E-08	3.6E-11	8.4E-11	4.6E-12	4.6E-12	7.1E-12	1.2E-11	7.1E-08
Barium												
Beryllium						1.5E-12	3.4E-12	1.8E-13	1.8E-13	1.8E-21	1.1E-20	5.2E-12
Cadmium						1.9E-11	4.5E-11	2.4E-12	2.4E-12	1.0E-21	6.3E-21	6.9E-11
Chromium												
Cobalt						1.3E-09	2.9E-09	1.6E-10	1.6E-10	1.2E-10	5.1E-10	5.1E-09
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						1.3E-11	3.0E-11	1.6E-12	1.6E-12	7.3E-11	2.8E-10	4.0E-10
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		9.9E-20	1.4E-19	9.0E-20	2.5E-19							5.8E-19
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	6.4E-14	1.6E-09	5.3E-09	1.5E-09	9.7E-09	4.7E-12	1.1E-11	5.9E-13	5.9E-13	3.4E-12	2.1E-11	1.8E-08

Table H-387 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene	3.2E-13	2.8E-08	5.9E-08	2.5E-08	1.1E-07	1.8E-11	4.3E-11	2.3E-12	2.3E-12	1.8E-13	1.7E-12	2.2E-07
Benzo(b)fluoranthene	8.7E-15	5.9E-09	8.2E-09	5.4E-09	1.5E-08	2.1E-12	4.8E-12	2.6E-13	2.6E-13	4.0E-14	2.4E-13	3.4E-08
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	6.4E-18	3.8E-11	4.1E-10	3.4E-11	7.5E-10	1.8E-14	4.2E-14	2.3E-15	2.3E-15	2.5E-15	1.2E-13	1.2E-09
Biphenyl				3.8E-19	1.1E-18							1.4E-18
Chrysene	1.1E-16	2.4E-11	6.0E-11	2.1E-11	1.1E-10	8.0E-13	1.9E-12	1.0E-13	1.0E-13	1.6E-15	1.8E-14	2.2E-10
Dibenze(a,h)anthracene	1.6E-14	1.0E-09	1.5E-08	9.4E-10	2.6E-08	3.2E-12	7.3E-12	4.0E-13	4.0E-13	7.6E-15	4.7E-13	4.3E-08
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	3.9E-15	1.5E-09	3.8E-09	1.3E-09	6.9E-09	9.7E-13	2.2E-12	1.2E-13	1.2E-13	9.9E-15	1.1E-13	1.4E-08
Napthalene						7.2E-11	1.7E-10	9.0E-12	9.0E-12			2.6E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	6.1E-18	3.5E-19	4.9E-19	3.0E-19	8.4E-19	2.7E-14	6.1E-14	3.3E-15	3.3E-15	8.0E-21	4.9E-20	9.4E-14
Heptachlorobiphenyl	6.5E-18	1.2E-18	1.6E-18	9.8E-19	2.7E-18	1.0E-14	2.4E-14	1.3E-15	1.3E-15	1.4E-20	8.7E-20	3.7E-14
Hexachlorobiphenyl	2.6E-17	5.2E-18	7.3E-18	4.4E-18	1.2E-17	4.3E-14	1.0E-13	5.4E-15	5.4E-15	6.4E-20	3.9E-19	1.5E-13
Monochlorobiphenyl	4.2E-17	2.5E-18	3.4E-18	2.1E-18	5.8E-18	1.8E-13	4.3E-13	2.3E-14	2.3E-14	5.5E-20	3.4E-19	6.6E-13
Nonachlorobiphenyl	8.1E-19	2.0E-19	2.9E-19	1.7E-19	4.8E-19	1.5E-15	3.4E-15	1.8E-16	1.8E-16	2.5E-21	1.5E-20	5.2E-15
Octachlorobiphenyl	1.9E-18	3.8E-19	5.2E-19	3.2E-19	8.9E-19	3.2E-15	7.3E-15	4.0E-16	4.0E-16	4.6E-21	2.8E-20	1.1E-14
Pentachlorobiphenyl	8.8E-17	1.9E-17	2.6E-17	1.6E-17	4.4E-17	1.5E-13	3.4E-13	1.9E-14	1.9E-14	2.3E-19	1.4E-18	5.3E-13
Tetrachlorobiphenyl	1.8E-18	1.4E-19	1.9E-19	1.1E-19	3.2E-19	8.6E-15	2.0E-14	1.1E-15	1.1E-15	3.0E-21	1.9E-20	3.1E-14
Trichlorobiphenyl	2.4E-18	1.6E-19	2.3E-19	1.4E-19	3.8E-19	1.1E-14	2.5E-14	1.4E-15	1.4E-15	3.7E-21	2.3E-20	3.9E-14
Pesticides												
DDE				2.5E-10	1.1E-09					2.3E-12	1.4E-11	1.3E-09
Dieldrin			2.3E-09		5.4E-09						1.7E-13	7.7E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												

Table H-387 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
1,3-Butadiene						1.4E-08						1.4E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	7.1E-21					2.4E-13	5.5E-13	3.0E-14	3.0E-14			8.5E-13
1,4-Dioxane						5.2E-09						5.2E-09
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	9.8E-17	1.3E-15	1.9E-15	1.6E-15	4.4E-15	6.5E-12	1.5E-11	8.1E-13	8.1E-13	1.3E-20	8.2E-20	2.3E-11
Butyl benzyl phthalate	4.8E-18	8.8E-20	1.2E-19	1.0E-19	2.9E-19							5.4E-18
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	7.5E-18					1.4E-11	3.2E-11	1.7E-12	1.7E-12			5.0E-11
Isopropanol												
p-Chloroaniline			9.3E-10		2.2E-09							3.1E-09
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	1.0E-21					1.4E-14	3.3E-14	1.8E-15	1.8E-15			5.1E-14
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	4.6E-19											4.6E-19
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	1.1E-20					5.9E-13	1.4E-12	7.4E-14	7.4E-14			2.1E-12

Table H-387 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
1,2-Dichloroethane	1.5E-20					1.3E-08	1.6E-08	3.7E-10	3.7E-10			3.0E-08
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												
Benzene	1.6E-18					9.4E-09	3.0E-08	1.1E-09	1.1E-09			4.2E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	2.8E-22					5.0E-14	1.8E-07	6.3E-15	6.3E-15			1.8E-07
Bromoform							2.4E-08					2.4E-08
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	1.3E-22					1.3E-08	3.3E-08	1.3E-09	1.3E-09			4.9E-08
Chlorobenzene												
Chlorodibromomethane	2.2E-20											2.2E-20
Chloroethane												
Chloroform	1.2E-21					8.3E-09	2.6E-07	7.9E-10	7.9E-10			2.7E-07
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	2.3E-19					3.4E-09	7.9E-09	8.7E-13	8.7E-13			1.1E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	7.4E-22					2.6E-15	6.0E-15	3.2E-16	3.2E-16			9.2E-15
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												

Table H-387 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
tert-Butylbenzene												
Tetrachloroethene	2.0E-23					4.5E-16	1.0E-15	5.6E-17	5.6E-17			1.6E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	4.5E-24					2.7E-10	2.6E-08	5.3E-17	5.3E-17			2.7E-08
Trichlorofluoromethane												
Vinyl chloride	4.9E-21					3.1E-13	7.2E-13	3.9E-14	3.9E-14			1.1E-12
Grand Total	4.5E-13	6.6E-08	9.9E-08	8.3E-08	2.0E-07	1.1E-06	5.8E-07	3.8E-09	3.8E-09	2.1E-10	8.5E-10	2.2E-06

Table H-388 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					5.8E-01	1.5E-04	7.9E-06	7.9E-06			5.8E-01
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
DNT												
2,4-Dinitrotoluene		2.0E-04		2.4E-04								4.4E-04
2,6-Dinitrotoluene		2.1E-03		2.5E-03								4.7E-03
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04

Table H-388 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum				7.9E-03	2.0E-02					7.7E-05	4.2E-04	2.8E-02
Antimony	3.9E-14			7.6E-04	3.6E-03							4.3E-03
Arsenic	2.7E-12	2.0E-03	7.7E-04	4.7E-03	3.6E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	7.7E-06	1.3E-05	1.1E-02
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt				6.5E-02	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	1.6E-04	6.6E-04	1.9E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				2.4E-02	5.4E-02							7.8E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	9.6E-05	5.9E-04	6.9E-04
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.0E-02	3.5E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	2.2E-04	8.5E-04	5.7E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Thallium (Soluble Salts)				1.1E-02	1.7E-02							2.7E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												

Table H-388 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	1.1E-04	6.2E-06	6.2E-06			1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
DDE												
Dieldrin			2.0E-04		4.7E-04							6.7E-04
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09

Table H-388 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-Butadiene						1.6E-02						1.6E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
1,4-Dioxane						2.4E-03						2.4E-03
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						4.1E-03	1.1E-02					1.5E-02
p-Chloroaniline			8.2E-05		1.9E-04							2.8E-04
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08

Table H-388 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,2-Dichloroethane	1.9E-15					4.9E-03	6.3E-03	1.4E-04	1.4E-04			1.1E-02
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.8E-03	9.0E-03	3.2E-04	3.2E-04			1.2E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromoform												
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.5E-03	3.9E-03	1.5E-04	1.5E-04			5.7E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					2.6E-04	8.1E-03	2.4E-05	2.4E-05			8.4E-03
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					9.6E-05	2.2E-04	2.4E-08	2.4E-08			3.2E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06

Table H-388 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.3E-03	2.2E-01	4.5E-10	4.5E-10			2.3E-01
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	4.8E-09	4.3E-03	1.0E-03	1.4E-01	2.6E-01	6.2E-01	2.7E-01	1.0E-03	1.0E-03	5.6E-04	2.5E-03	1.3E+00

Table H-389 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						4.5E-11	1.1E-10	5.7E-12	5.7E-12			1.6E-10
Formaldehyde						1.1E-06	7.3E-06	1.4E-11	1.4E-11			8.4E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.7E-17	1.4E-14	2.0E-14	5.5E-14	1.5E-13	4.6E-12	1.1E-11	5.8E-13	5.8E-13	7.9E-19	4.9E-18	1.7E-11
1,2,3,4,6,7,8-HpCDF	1.7E-17	1.4E-14	2.0E-14	5.6E-14	1.6E-13	4.7E-12	1.1E-11	5.8E-13	5.8E-13	8.0E-19	4.9E-18	1.7E-11
1,2,3,4,7,8,9-HpCDF	2.7E-18	1.6E-15	2.3E-15	6.4E-15	1.8E-14	5.9E-13	1.4E-12	7.4E-14	7.4E-14	9.1E-20	5.6E-19	2.1E-12
1,2,3,4,7,8-HxCDD	2.0E-16	1.6E-14	2.2E-14	6.2E-14	1.7E-13	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.9E-19	5.5E-18	2.0E-11
1,2,3,4,7,8-HxCDF	1.4E-15	1.3E-13	1.8E-13	5.0E-13	1.4E-12	4.5E-11	1.0E-10	5.6E-12	5.6E-12	7.1E-18	4.4E-17	1.6E-10
1,2,3,6,7,8-HxCDD	4.0E-16	3.2E-14	4.5E-14	1.3E-13	3.6E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.8E-18	1.1E-17	4.2E-11
1,2,3,6,7,8-HxCDF	5.2E-16	4.1E-14	5.8E-14	1.6E-13	4.5E-13	1.5E-11	3.4E-11	1.8E-12	1.8E-12	2.3E-18	1.4E-17	5.3E-11
1,2,3,7,8,9-HxCDD	5.5E-16	5.1E-14	7.1E-14	2.0E-13	5.6E-13	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.9E-18	1.8E-17	6.4E-11
1,2,3,7,8,9-HxCDF	4.4E-17	2.9E-15	4.1E-15	1.2E-14	3.2E-14	1.1E-12	2.6E-12	1.4E-13	1.4E-13	1.7E-19	1.0E-18	4.0E-12
1,2,3,7,8-PeCDD	1.3E-14	1.8E-13	2.5E-13	7.1E-13	2.0E-12	7.0E-11	1.6E-10	8.8E-12	8.8E-12	1.0E-17	6.2E-17	2.5E-10
1,2,3,7,8-PeCDF	8.9E-16	1.1E-14	1.5E-14	4.1E-14	1.2E-13	5.0E-12	1.2E-11	6.2E-13	6.2E-13	5.9E-19	3.7E-18	1.8E-11
2,3,4,6,7,8-HxCDF	7.6E-16	6.4E-14	9.0E-14	2.5E-13	7.1E-13	2.3E-11	5.2E-11	2.8E-12	2.8E-12	3.6E-18	2.2E-17	8.2E-11
2,3,4,7,8-PeCDF	1.4E-14	2.5E-13	3.5E-13	9.9E-13	2.8E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	1.4E-17	8.8E-17	4.0E-10
2,3,7,8-TCDD	4.5E-15	3.7E-14	5.2E-14	1.5E-13	4.1E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	1.4E-15	8.9E-15	1.0E-10
2,3,7,8-TCDF	1.5E-15	6.7E-15	9.3E-15	2.6E-14	7.4E-14	1.0E-11	2.4E-11	1.3E-12	1.3E-12	3.8E-19	2.3E-18	3.7E-11
OCDD	2.3E-21	9.4E-17	1.3E-16	3.7E-16	1.0E-15	3.1E-14	7.1E-14	3.8E-15	3.8E-15	5.3E-21	3.3E-20	1.1E-13
OCDF	8.4E-22	3.6E-17	5.1E-17	1.4E-16	4.0E-16	1.1E-14	2.6E-14	1.4E-15	1.4E-15	2.1E-21	1.3E-20	4.1E-14
DNT												
2,4-Dinitrotoluene		1.8E-09		2.1E-09						3.0E-14		3.9E-09
2,6-Dinitrotoluene		1.4E-08		1.6E-08								3.0E-08
HCN												
Hydrogen cyanide												

Table H-389 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum												
Antimony												
Arsenic	1.7E-17	1.3E-08	9.8E-09	3.0E-08	4.6E-08	3.6E-11	8.4E-11	4.6E-12	4.6E-12	7.1E-12	2.4E-11	9.9E-08
Barium												
Beryllium						1.5E-12	3.4E-12	1.8E-13	1.8E-13	1.8E-21	1.1E-20	5.2E-12
Cadmium						1.9E-11	4.5E-11	2.4E-12	2.4E-12	1.0E-21	6.3E-21	6.9E-11
Chromium												
Cobalt						1.3E-09	2.9E-09	1.6E-10	1.6E-10	1.2E-10	5.2E-10	5.1E-09
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						1.3E-11	3.0E-11	1.6E-12	1.6E-12	7.3E-11	3.2E-10	4.4E-10
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		9.9E-20	1.4E-19	9.0E-20	2.5E-19							5.8E-19
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	6.4E-14	1.6E-09	2.4E-14	1.5E-09	4.4E-14	4.7E-12	1.1E-11	5.9E-13	5.9E-13	3.4E-12	2.1E-11	3.1E-09

Table H-389 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene	3.2E-13	2.8E-08	1.1E-13	2.5E-08	2.0E-13	1.8E-11	4.3E-11	2.3E-12	2.3E-12	1.8E-13	3.3E-18	5.3E-08
Benzo(b)fluoranthene	8.7E-15	5.9E-09	6.4E-16	5.4E-09	1.2E-15	2.1E-12	4.8E-12	2.6E-13	2.6E-13	4.0E-14	1.9E-20	1.1E-08
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	6.4E-18	3.8E-11	6.6E-17	3.4E-11	1.2E-16	1.8E-14	4.2E-14	2.3E-15	2.3E-15	2.5E-15	2.0E-20	7.2E-11
Biphenyl				3.8E-19	1.1E-18							1.4E-18
Chrysene	1.1E-16	2.4E-11	3.0E-16	2.1E-11	5.5E-16	8.0E-13	1.9E-12	1.0E-13	1.0E-13	1.6E-15	8.9E-20	4.8E-11
Dibenzo(a,h)anthracene	1.6E-14	1.0E-09	3.8E-14	9.4E-10	7.0E-14	3.2E-12	7.3E-12	4.0E-13	4.0E-13	7.6E-15	1.2E-18	2.0E-09
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	3.9E-15	1.5E-09	1.1E-14	1.3E-09	2.0E-14	9.7E-13	2.2E-12	1.2E-13	1.2E-13	9.9E-15	3.3E-19	2.8E-09
Napthalene						7.2E-11	1.7E-10	9.0E-12	9.0E-12			2.6E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	6.1E-18	3.5E-19	4.9E-19	3.0E-19	8.4E-19	2.7E-14	6.1E-14	3.3E-15	3.3E-15	8.0E-21	4.9E-20	9.4E-14
Heptachlorobiphenyl	6.5E-18	1.2E-18	1.6E-18	9.8E-19	2.7E-18	1.0E-14	2.4E-14	1.3E-15	1.3E-15	1.4E-20	8.7E-20	3.7E-14
Hexachlorobiphenyl	2.6E-17	5.2E-18	7.3E-18	4.4E-18	1.2E-17	4.3E-14	1.0E-13	5.4E-15	5.4E-15	6.4E-20	3.9E-19	1.5E-13
Monochlorobiphenyl	4.2E-17	2.5E-18	3.4E-18	2.1E-18	5.8E-18	1.8E-13	4.3E-13	2.3E-14	2.3E-14	5.5E-20	3.4E-19	6.6E-13
Nonachlorobiphenyl	8.1E-19	2.0E-19	2.9E-19	1.7E-19	4.8E-19	1.5E-15	3.4E-15	1.8E-16	1.8E-16	2.5E-21	1.5E-20	5.2E-15
Octachlorobiphenyl	1.9E-18	3.8E-19	5.2E-19	3.2E-19	8.9E-19	3.2E-15	7.3E-15	4.0E-16	4.0E-16	4.6E-21	2.8E-20	1.1E-14
Pentachlorobiphenyl	8.8E-17	1.9E-17	2.6E-17	1.6E-17	4.4E-17	1.5E-13	3.4E-13	1.9E-14	1.9E-14	2.3E-19	1.4E-18	5.3E-13
Tetrachlorobiphenyl	1.8E-18	1.4E-19	1.9E-19	1.1E-19	3.2E-19	8.6E-15	2.0E-14	1.1E-15	1.1E-15	3.0E-21	1.9E-20	3.1E-14
Trichlorobiphenyl	2.4E-18	1.6E-19	2.3E-19	1.4E-19	3.8E-19	1.1E-14	2.5E-14	1.4E-15	1.4E-15	3.7E-21	2.3E-20	3.9E-14
Pesticides												
DDE				2.5E-10	3.8E-10					2.3E-12	1.4E-11	6.4E-10
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene							1.4E-08					1.4E-08

Table H-389 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-dichlorobenzene												
1,4-dichlorobenzene	7.1E-21					2.4E-13	5.5E-13	3.0E-14	3.0E-14			8.5E-13
1,4-Dioxane						5.2E-09						5.2E-09
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	9.8E-17	1.3E-15	1.9E-15	1.6E-15	4.4E-15	6.5E-12	1.5E-11	8.1E-13	8.1E-13	1.3E-20	8.2E-20	2.3E-11
Butyl benzyl phthalate	4.8E-18	8.8E-20	1.2E-19	1.0E-19	2.9E-19							5.4E-18
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	7.5E-18					1.4E-11	3.2E-11	1.7E-12	1.7E-12			5.0E-11
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	1.0E-21					1.4E-14	3.3E-14	1.8E-15	1.8E-15			5.1E-14
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	4.6E-19											4.6E-19
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	1.1E-20					5.9E-13	1.4E-12	7.4E-14	7.4E-14			2.1E-12
1,2-Dichloroethane	1.5E-20					1.3E-08	2.4E-12	3.7E-10	3.7E-10			1.3E-08
1,3,5-Trimethylbenzene												

Table H-389 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												
Benzene	1.6E-18					9.4E-09	2.2E-10	1.1E-09	1.1E-09			1.2E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	2.8E-22					5.0E-14	1.2E-13	6.3E-15	6.3E-15			1.8E-13
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	1.3E-22					1.3E-08	4.3E-14	1.3E-09	1.3E-09			1.5E-08
Chlorobenzene												
Chlorodibromomethane	2.2E-20											2.2E-20
Chloroethane												
Chloroform	1.2E-21					8.3E-09	1.5E-12	7.9E-10	7.9E-10			9.8E-09
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	2.3E-19					3.4E-09	1.6E-11	8.7E-13	8.7E-13			3.4E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	7.4E-22					2.6E-15	6.0E-15	3.2E-16	3.2E-16			9.2E-15
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	2.0E-23					4.5E-16	1.0E-15	5.6E-17	5.6E-17			1.6E-15
Toluene												

Table H-389 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	4.5E-24					2.7E-10	9.8E-16	5.3E-17	5.3E-17			2.7E-10
Trichlorofluoromethane												
Vinyl chloride	4.9E-21					3.1E-13	7.2E-13	3.9E-14	3.9E-14			1.1E-12
Grand Total	4.5E-13	6.6E-08	9.8E-09	8.3E-08	4.7E-08	1.1E-06	7.4E-06	3.8E-09	3.8E-09	2.1E-10	8.9E-10	8.7E-06

Table H-390 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					5.8E-01	4.0E+00	7.9E-06	7.9E-06			4.6E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
DNT												
2,4-Dinitrotoluene		2.0E-04		2.4E-04								4.4E-04
2,6-Dinitrotoluene		2.1E-03		2.5E-03								4.7E-03
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04

Table H-390 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum				7.9E-03	2.4E-02					7.7E-05	5.1E-04	3.2E-02
Antimony	3.9E-14			7.6E-04	1.2E-03							2.0E-03
Arsenic	2.7E-12	2.0E-03	1.5E-03	4.7E-03	7.2E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	7.7E-06	2.6E-05	1.6E-02
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt				6.5E-02	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	1.6E-04	6.7E-04	2.0E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				2.4E-02	5.7E-02							8.1E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	9.6E-05	5.9E-04	6.9E-04
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.0E-02	4.0E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	2.2E-04	9.5E-04	6.1E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Thallium (Soluble Salts)				1.1E-02	1.4E-02							2.5E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												

Table H-390 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	1.1E-04	6.2E-06	6.2E-06			1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
DDE												
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.6E-02						1.6E-02

Table H-390 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
1,4-Dioxane						2.4E-03						2.4E-03
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						4.1E-03						4.1E-03
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.9E-03	9.1E-07	1.4E-04	1.4E-04			5.2E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15

Table H-390 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.8E-03	6.7E-05	3.2E-04	3.2E-04			3.5E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.5E-03	5.0E-09	1.5E-04	1.5E-04			1.8E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					2.6E-04	4.6E-08	2.4E-05	2.4E-05			3.1E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					9.6E-05	4.5E-07	2.4E-08	2.4E-08			9.6E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07

Table H-390 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.3E-03	8.4E-09	4.5E-10	4.5E-10			2.3E-03
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	4.8E-09	4.3E-03	1.5E-03	1.4E-01	2.7E-01	6.2E-01	4.0E+00	1.0E-03	1.0E-03	5.6E-04	2.7E-03	5.1E+00

Table H-391 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						4.5E-11	1.1E-10	5.7E-12	5.7E-12			1.6E-10
Formaldehyde						1.1E-06	5.0E-06	1.4E-11	1.4E-11			6.1E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.7E-17	1.4E-14	2.0E-14	5.5E-14	1.5E-13	4.6E-12	1.1E-11	5.8E-13	5.8E-13	7.9E-19	4.9E-18	1.7E-11
1,2,3,4,6,7,8-HpCDF	1.7E-17	1.4E-14	2.0E-14	5.6E-14	1.6E-13	4.7E-12	1.1E-11	5.8E-13	5.8E-13	8.0E-19	4.9E-18	1.7E-11
1,2,3,4,7,8,9-HpCDF	2.7E-18	1.6E-15	2.3E-15	6.4E-15	1.8E-14	5.9E-13	1.4E-12	7.4E-14	7.4E-14	9.1E-20	5.6E-19	2.1E-12
1,2,3,4,7,8-HxCDD	2.0E-16	1.6E-14	2.2E-14	6.2E-14	1.7E-13	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.9E-19	5.5E-18	2.0E-11
1,2,3,4,7,8-HxCDF	1.4E-15	1.3E-13	1.8E-13	5.0E-13	1.4E-12	4.5E-11	1.0E-10	5.6E-12	5.6E-12	7.1E-18	4.4E-17	1.6E-10
1,2,3,6,7,8-HxCDD	4.0E-16	3.2E-14	4.5E-14	1.3E-13	3.6E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.8E-18	1.1E-17	4.2E-11
1,2,3,6,7,8-HxCDF	5.2E-16	4.1E-14	5.8E-14	1.6E-13	4.5E-13	1.5E-11	3.4E-11	1.8E-12	1.8E-12	2.3E-18	1.4E-17	5.3E-11
1,2,3,7,8,9-HxCDD	5.5E-16	5.1E-14	7.1E-14	2.0E-13	5.6E-13	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.9E-18	1.8E-17	6.4E-11
1,2,3,7,8,9-HxCDF	4.4E-17	2.9E-15	4.1E-15	1.2E-14	3.2E-14	1.1E-12	2.6E-12	1.4E-13	1.4E-13	1.7E-19	1.0E-18	4.0E-12
1,2,3,7,8-PeCDD	1.3E-14	1.8E-13	2.5E-13	7.1E-13	2.0E-12	7.0E-11	1.6E-10	8.8E-12	8.8E-12	1.0E-17	6.2E-17	2.5E-10
1,2,3,7,8-PeCDF	8.9E-16	1.1E-14	1.5E-14	4.1E-14	1.2E-13	5.0E-12	1.2E-11	6.2E-13	6.2E-13	5.9E-19	3.7E-18	1.8E-11
2,3,4,6,7,8-HxCDF	7.6E-16	6.4E-14	9.0E-14	2.5E-13	7.1E-13	2.3E-11	5.2E-11	2.8E-12	2.8E-12	3.6E-18	2.2E-17	8.2E-11
2,3,4,7,8-PeCDF	1.4E-14	2.5E-13	3.5E-13	9.9E-13	2.8E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	1.4E-17	8.8E-17	4.0E-10
2,3,7,8-TCDD	4.5E-15	3.7E-14	5.2E-14	1.5E-13	4.1E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	1.4E-15	8.9E-15	1.0E-10
2,3,7,8-TCDF	1.5E-15	6.7E-15	9.3E-15	2.6E-14	7.4E-14	1.0E-11	2.4E-11	1.3E-12	1.3E-12	3.8E-19	2.3E-18	3.7E-11
OCDD	2.3E-21	9.4E-17	1.3E-16	3.7E-16	1.0E-15	3.1E-14	7.1E-14	3.8E-15	3.8E-15	5.3E-21	3.3E-20	1.1E-13
OCDF	8.4E-22	3.6E-17	5.1E-17	1.4E-16	4.0E-16	1.1E-14	2.6E-14	1.4E-15	1.4E-15	2.1E-21	1.3E-20	4.1E-14
DNT												
2,4-Dinitrotoluene		1.8E-09		2.1E-09						3.0E-14		3.9E-09
2,6-Dinitrotoluene		1.4E-08		1.6E-08								3.0E-08
HCN												
Hydrogen cyanide												

Table H-391 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum												
Antimony												
Arsenic	1.7E-17	1.3E-08	3.9E-09	3.0E-08	1.8E-08	3.6E-11	8.4E-11	4.6E-12	4.6E-12	7.1E-12	9.5E-12	6.6E-08
Barium												
Beryllium						1.5E-12	3.4E-12	1.8E-13	1.8E-13	1.8E-21	1.1E-20	5.2E-12
Cadmium						1.9E-11	4.5E-11	2.4E-12	2.4E-12	1.0E-21	6.3E-21	6.9E-11
Chromium												
Cobalt						1.3E-09	2.9E-09	1.6E-10	1.6E-10	1.2E-10	8.8E-10	5.5E-09
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						1.3E-11	3.0E-11	1.6E-12	1.6E-12	7.3E-11	5.3E-10	6.5E-10
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		9.9E-20	1.4E-19	9.0E-20	2.5E-19							5.8E-19
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	6.4E-14	1.6E-09	2.4E-14	1.5E-09	4.4E-14	4.7E-12	1.1E-11	5.9E-13	5.9E-13	3.4E-12	2.1E-11	3.1E-09

Table H-391 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene	3.2E-13	2.8E-08	1.4E-08	2.5E-08	2.5E-08	1.8E-11	4.3E-11	2.3E-12	2.3E-12	1.8E-13	4.1E-13	9.1E-08
Benzo(b)fluoranthene	8.7E-15	5.9E-09	1.2E-09	5.4E-09	2.3E-09	2.1E-12	4.8E-12	2.6E-13	2.6E-13	4.0E-14	3.7E-14	1.5E-08
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	6.4E-18	3.8E-11	6.6E-17	3.4E-11	1.2E-16	1.8E-14	4.2E-14	2.3E-15	2.3E-15	2.5E-15	2.0E-20	7.2E-11
Biphenyl				3.8E-19	1.1E-18							1.4E-18
Chrysene	1.1E-16	2.4E-11	3.0E-16	2.1E-11	5.5E-16	8.0E-13	1.9E-12	1.0E-13	1.0E-13	1.6E-15	8.9E-20	4.8E-11
Dibenze(a,h)anthracene	1.6E-14	1.0E-09	3.8E-14	9.4E-10	7.0E-14	3.2E-12	7.3E-12	4.0E-13	4.0E-13	7.6E-15	1.2E-18	2.0E-09
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	3.9E-15	1.5E-09	1.1E-14	1.3E-09	2.0E-14	9.7E-13	2.2E-12	1.2E-13	1.2E-13	9.9E-15	3.3E-19	2.8E-09
Napthalene						7.2E-11	1.7E-10	9.0E-12	9.0E-12			2.6E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	6.1E-18	3.5E-19	4.9E-19	3.0E-19	8.4E-19	2.7E-14	6.1E-14	3.3E-15	3.3E-15	8.0E-21	4.9E-20	9.4E-14
Heptachlorobiphenyl	6.5E-18	1.2E-18	1.6E-18	9.8E-19	2.7E-18	1.0E-14	2.4E-14	1.3E-15	1.3E-15	1.4E-20	8.7E-20	3.7E-14
Hexachlorobiphenyl	2.6E-17	5.2E-18	7.3E-18	4.4E-18	1.2E-17	4.3E-14	1.0E-13	5.4E-15	5.4E-15	6.4E-20	3.9E-19	1.5E-13
Monochlorobiphenyl	4.2E-17	2.5E-18	3.4E-18	2.1E-18	5.8E-18	1.8E-13	4.3E-13	2.3E-14	2.3E-14	5.5E-20	3.4E-19	6.6E-13
Nonachlorobiphenyl	8.1E-19	2.0E-19	2.9E-19	1.7E-19	4.8E-19	1.5E-15	3.4E-15	1.8E-16	1.8E-16	2.5E-21	1.5E-20	5.2E-15
Octachlorobiphenyl	1.9E-18	3.8E-19	5.2E-19	3.2E-19	8.9E-19	3.2E-15	7.3E-15	4.0E-16	4.0E-16	4.6E-21	2.8E-20	1.1E-14
Pentachlorobiphenyl	8.8E-17	1.9E-17	2.6E-17	1.6E-17	4.4E-17	1.5E-13	3.4E-13	1.9E-14	1.9E-14	2.3E-19	1.4E-18	5.3E-13
Tetrachlorobiphenyl	1.8E-18	1.4E-19	1.9E-19	1.1E-19	3.2E-19	8.6E-15	2.0E-14	1.1E-15	1.1E-15	3.0E-21	1.9E-20	3.1E-14
Trichlorobiphenyl	2.4E-18	1.6E-19	2.3E-19	1.4E-19	3.8E-19	1.1E-14	2.5E-14	1.4E-15	1.4E-15	3.7E-21	2.3E-20	3.9E-14
Pesticides												
DDE				2.5E-10	1.3E-09					2.3E-12	1.4E-11	1.6E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene						1.4E-08						1.4E-08

Table H-391 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-dichlorobenzene												
1,4-dichlorobenzene	7.1E-21							2.4E-13	5.5E-13	3.0E-14	3.0E-14	8.5E-13
1,4-Dioxane								5.2E-09				5.2E-09
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	9.8E-17	1.3E-15	1.9E-15	1.6E-15	4.4E-15	6.5E-12	1.5E-11	8.1E-13	8.1E-13	1.3E-20	8.2E-20	2.3E-11
Butyl benzyl phthalate	4.8E-18	8.8E-20	1.2E-19	1.0E-19	2.9E-19							5.4E-18
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	7.5E-18							1.4E-11	3.2E-11	1.7E-12	1.7E-12	5.0E-11
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	1.0E-21							1.4E-14	3.3E-14	1.8E-15	1.8E-15	5.1E-14
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	4.6E-19											4.6E-19
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	1.1E-20							5.9E-13	1.4E-12	7.4E-14	7.4E-14	2.1E-12
1,2-Dichloroethane	1.5E-20							1.3E-08	2.4E-12	3.7E-10	3.7E-10	1.3E-08
1,3,5-Trimethylbenzene												

Table H-391 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												
Benzene	1.6E-18					9.4E-09	2.2E-10	1.1E-09	1.1E-09			1.2E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	2.8E-22					5.0E-14	1.2E-13	6.3E-15	6.3E-15			1.8E-13
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	1.3E-22					1.3E-08	4.3E-14	1.3E-09	1.3E-09			1.5E-08
Chlorobenzene												
Chlorodibromomethane	2.2E-20											2.2E-20
Chloroethane												
Chloroform	1.2E-21					8.3E-09	1.5E-12	7.9E-10	7.9E-10			9.8E-09
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	2.3E-19					3.4E-09	1.6E-11	8.7E-13	8.7E-13			3.4E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	7.4E-22					2.6E-15	6.0E-15	3.2E-16	3.2E-16			9.2E-15
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	2.0E-23					4.5E-16	1.0E-15	5.6E-17	5.6E-17			1.6E-15
Toluene												

Table H-391 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	4.5E-24					2.7E-10	9.8E-16	5.3E-17	5.3E-17			2.7E-10
Trichlorofluoromethane												
Vinyl chloride	4.9E-21					3.1E-13	7.2E-13	3.9E-14	3.9E-14			1.1E-12
Grand Total	4.5E-13	6.6E-08	1.9E-08	8.3E-08	4.7E-08	1.1E-06	5.0E-06	3.8E-09	3.8E-09	2.1E-10	1.5E-09	6.4E-06

Table H-392 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					5.8E-01	2.7E+00	7.9E-06	7.9E-06			3.3E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
DNT												
2,4-Dinitrotoluene		2.0E-04		2.4E-04								4.4E-04
2,6-Dinitrotoluene		2.1E-03		2.5E-03								4.7E-03
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04

Table H-392 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum				7.9E-03	1.9E-02					7.7E-05	4.1E-04	2.8E-02
Antimony	3.9E-14			7.6E-04	4.2E-04							1.2E-03
Arsenic	2.7E-12	2.0E-03	6.1E-04	4.7E-03	2.9E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	7.7E-06	1.0E-05	1.0E-02
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt				6.5E-02	2.1E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	1.6E-04	1.1E-03	2.8E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				2.4E-02	6.2E-02							8.6E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	9.6E-05	5.9E-04	6.9E-04
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.0E-02	6.6E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	2.2E-04	1.6E-03	8.8E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Thallium (Soluble Salts)				1.1E-02								1.1E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												

Table H-392 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	1.1E-04	6.2E-06	6.2E-06			1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
DDE												
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.6E-02						1.6E-02

Table H-392 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
1,4-Dioxane						2.4E-03						2.4E-03
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						4.1E-03						4.1E-03
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.9E-03	9.1E-07	1.4E-04	1.4E-04			5.2E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15

Table H-392 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.8E-03	6.7E-05	3.2E-04	3.2E-04			3.5E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.5E-03	5.0E-09	1.5E-04	1.5E-04			1.8E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					2.6E-04	4.6E-08	2.4E-05	2.4E-05			3.1E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					9.6E-05	4.5E-07	2.4E-08	2.4E-08			9.6E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07

Table H-392 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.3E-03	8.4E-09	4.5E-10	4.5E-10			2.3E-03
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	4.8E-09	4.3E-03	6.1E-04	1.4E-01	3.6E-01	6.2E-01	2.8E+00	1.0E-03	1.0E-03	5.6E-04	3.7E-03	3.9E+00

Table H-393 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						4.5E-11	1.6E-09	5.7E-12	5.4E-10			2.2E-09
Formaldehyde						1.1E-06	3.8E-09	1.4E-11	1.3E-09			1.1E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.7E-17	1.4E-14	2.6E-13	5.5E-14	2.1E-12	4.6E-12	1.8E-10	5.8E-13	6.1E-11	7.9E-19	6.5E-17	2.5E-10
1,2,3,4,6,7,8-HpCDF	1.7E-17	1.4E-14	2.6E-13	5.6E-14	2.1E-12	4.7E-12	1.8E-10	5.8E-13	6.2E-11	8.0E-19	6.5E-17	2.5E-10
1,2,3,4,7,8,9-HpCDF	2.7E-18	1.6E-15	3.2E-14	6.4E-15	2.5E-13	5.9E-13	2.4E-11	7.4E-14	8.0E-12	9.1E-20	7.9E-18	3.3E-11
1,2,3,4,7,8-HxCDD	2.0E-16	1.6E-14	3.1E-13	6.2E-14	2.4E-12	5.5E-12	2.2E-10	6.9E-13	7.4E-11	8.9E-19	7.6E-17	3.1E-10
1,2,3,4,7,8-HxCDF	1.4E-15	1.3E-13	2.4E-12	5.0E-13	1.9E-11	4.5E-11	1.8E-09	5.6E-12	6.0E-10	7.1E-18	6.0E-16	2.5E-09
1,2,3,6,7,8-HxCDD	4.0E-16	3.2E-14	6.3E-13	1.3E-13	4.9E-12	1.2E-11	4.7E-10	1.5E-12	1.6E-10	1.8E-18	1.6E-16	6.5E-10
1,2,3,6,7,8-HxCDF	5.2E-16	4.1E-14	8.0E-13	1.6E-13	6.3E-12	1.5E-11	5.9E-10	1.8E-12	2.0E-10	2.3E-18	2.0E-16	8.1E-10
1,2,3,7,8,9-HxCDD	5.5E-16	5.1E-14	9.8E-13	2.0E-13	7.8E-12	1.8E-11	7.1E-10	2.2E-12	2.4E-10	2.9E-18	2.4E-16	9.8E-10
1,2,3,7,8,9-HxCDF	4.4E-17	2.9E-15	5.8E-14	1.2E-14	4.6E-13	1.1E-12	4.6E-11	1.4E-13	1.5E-11	1.7E-19	1.4E-17	6.3E-11
1,2,3,7,8-PeCDD	1.3E-14	1.8E-13	3.5E-12	7.1E-13	2.8E-11	7.0E-11	2.9E-09	8.8E-12	9.5E-10	1.0E-17	8.7E-16	3.9E-09
1,2,3,7,8-PeCDF	8.9E-16	1.1E-14	2.1E-13	4.1E-14	1.6E-12	5.0E-12	2.0E-10	6.2E-13	6.8E-11	5.9E-19	5.2E-17	2.8E-10
2,3,4,6,7,8-HxCDF	7.6E-16	6.4E-14	1.2E-12	2.5E-13	9.6E-12	2.3E-11	9.0E-10	2.8E-12	3.0E-10	3.6E-18	3.0E-16	1.2E-09
2,3,4,7,8-PeCDF	1.4E-14	2.5E-13	4.9E-12	9.9E-13	3.9E-11	1.1E-10	4.6E-09	1.4E-11	1.5E-09	1.4E-17	1.2E-15	6.3E-09
2,3,7,8-TCDD	4.5E-15	3.7E-14	5.3E-13	1.5E-13	4.2E-12	2.8E-11	9.4E-10	3.5E-12	3.1E-10	1.4E-15	9.2E-14	1.3E-09
2,3,7,8-TCDF	1.5E-15	6.7E-15	1.3E-13	2.6E-14	1.1E-12	1.0E-11	4.3E-10	1.3E-12	1.4E-10	3.8E-19	3.3E-17	5.8E-10
OCDD	2.3E-21	9.4E-17	1.7E-15	3.7E-16	1.4E-14	3.1E-14	1.2E-12	3.8E-15	4.0E-13	5.3E-21	4.3E-19	1.7E-12
OCDF	8.4E-22	3.6E-17	6.5E-16	1.4E-16	5.1E-15	1.1E-14	4.5E-13	1.4E-15	1.5E-13	2.1E-21	1.6E-19	6.1E-13
DNT												
2,4-Dinitrotoluene		1.8E-09		2.1E-09						3.0E-14		3.9E-09
2,6-Dinitrotoluene		1.4E-08		1.6E-08								3.0E-08
HCN												
Hydrogen cyanide												

Table H-393 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum												
Antimony												
Arsenic	1.7E-17	1.3E-08	1.0E-18	3.0E-08	4.9E-18	3.6E-11	1.3E-09	4.6E-12	4.3E-10	7.1E-12	2.5E-21	4.5E-08
Barium												
Beryllium						1.5E-12	5.0E-11	1.8E-13	1.7E-11	1.8E-21	1.5E-19	6.8E-11
Cadmium						1.9E-11	6.8E-10	2.4E-12	2.3E-10	1.0E-21	8.7E-20	9.3E-10
Chromium												
Cobalt						1.3E-09	2.3E-08	1.6E-10	7.7E-09	1.2E-10	7.8E-14	3.2E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						1.3E-11	4.4E-10	1.6E-12	1.5E-10	7.3E-11	6.2E-20	6.8E-10
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		9.9E-20	2.0E-18	9.0E-20	3.7E-18							5.9E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	6.4E-14	1.6E-09	3.8E-13	1.5E-09	7.0E-13	4.7E-12	2.0E-10	5.9E-13	6.8E-11	3.4E-12	3.5E-15	3.4E-09

Table H-393 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Outdoor Vapors at CJ	Inhalation of Outdoor Vapors at Home	Grand Total
Benzo(a)pyrene	3.2E-13	2.8E-08	1.7E-12	2.5E-08	3.0E-12	1.8E-11	7.7E-10	2.3E-12	2.6E-10	1.8E-13	4.9E-17	5.4E-08
Benzo(b)fluoranthene	8.7E-15	5.9E-09	8.9E-15	5.4E-09	1.6E-14	2.1E-12	8.3E-11	2.6E-13	2.8E-11	4.0E-14	2.6E-19	1.1E-08
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	6.4E-18	3.8E-11	4.4E-16	3.4E-11	7.9E-16	1.8E-14	3.3E-13	2.3E-15	1.1E-13	2.5E-15	1.3E-19	7.3E-11
Biphenyl				3.8E-19	1.6E-17							1.6E-17
Chrysene	1.1E-16	2.4E-11	4.4E-15	2.1E-11	8.0E-15	8.0E-13	3.3E-11	1.0E-13	1.1E-11	1.6E-15	1.3E-18	9.0E-11
Dibenzo(a,h)anthracene	1.6E-14	1.0E-09	5.5E-13	9.4E-10	1.0E-12	3.2E-12	1.3E-10	4.0E-13	4.4E-11	7.6E-15	1.8E-17	2.1E-09
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	3.9E-15	1.5E-09	1.6E-13	1.3E-09	2.9E-13	9.7E-13	4.0E-11	1.2E-13	1.3E-11	9.9E-15	4.7E-18	2.9E-09
Napthalene						7.2E-11	3.0E-09	9.0E-12	1.0E-09			4.1E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	6.1E-18	3.5E-19	7.0E-18	3.0E-19	1.2E-17	2.7E-14	1.1E-12	3.3E-15	3.6E-13	8.0E-21	7.0E-19	1.5E-12
Heptachlorobiphenyl	6.5E-18	1.2E-18	2.2E-17	9.8E-19	3.8E-17	1.0E-14	4.2E-13	1.3E-15	1.4E-13	1.4E-20	1.2E-18	5.7E-13
Hexachlorobiphenyl	2.6E-17	5.2E-18	9.4E-17	4.4E-18	1.6E-16	4.3E-14	1.7E-12	5.4E-15	5.6E-13	6.4E-20	5.1E-18	2.3E-12
Monochlorobiphenyl	4.2E-17	2.5E-18	4.9E-17	2.1E-18	8.3E-17	1.8E-13	7.6E-12	2.3E-14	2.5E-12	5.5E-20	4.9E-18	1.0E-11
Nonachlorobiphenyl	8.1E-19	2.0E-19	3.2E-18	1.7E-19	5.4E-18	1.5E-15	5.2E-14	1.8E-16	1.7E-14	2.5E-21	1.7E-19	7.1E-14
Octachlorobiphenyl	1.9E-18	3.8E-19	6.8E-18	3.2E-19	1.2E-17	3.2E-15	1.2E-13	4.0E-16	4.1E-14	4.6E-21	3.7E-19	1.7E-13
Pentachlorobiphenyl	8.8E-17	1.9E-17	3.2E-16	1.6E-17	5.4E-16	1.5E-13	5.6E-12	1.9E-14	1.9E-12	2.3E-19	1.7E-17	7.7E-12
Tetrachlorobiphenyl	1.8E-18	1.4E-19	2.3E-18	1.1E-19	3.9E-18	8.6E-15	3.2E-13	1.1E-15	1.1E-13	3.0E-21	2.3E-19	4.4E-13
Trichlorobiphenyl	2.4E-18	1.6E-19	2.9E-18	1.4E-19	4.9E-18	1.1E-14	4.2E-13	1.4E-15	1.4E-13	3.7E-21	2.9E-19	5.8E-13
Pesticides												
DDE				2.5E-10						2.3E-12		2.5E-10
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene							1.4E-08					1.4E-08

Table H-393 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-dichlorobenzene												
1,4-dichlorobenzene	7.1E-21					2.4E-13	1.1E-11	3.0E-14	3.6E-12			1.5E-11
1,4-Dioxane						5.2E-09						5.2E-09
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	9.8E-17	1.3E-15	2.4E-14	1.6E-15	5.7E-14	6.5E-12	2.5E-10	8.1E-13	8.5E-11	1.3E-20	1.1E-18	3.5E-10
Butyl benzyl phthalate	4.8E-18	8.8E-20	1.8E-18	1.0E-19	4.3E-18							1.1E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	7.5E-18					1.4E-11	2.5E-10	1.7E-12	8.3E-11			3.5E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	1.0E-21					1.4E-14	4.8E-13	1.8E-15	1.6E-13			6.6E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	4.6E-19											4.6E-19
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	1.1E-20					5.9E-13	1.1E-11	7.4E-14	3.5E-12			1.5E-11
1,2-Dichloroethane	1.5E-20					1.3E-08	3.9E-11	3.7E-10	1.3E-11			1.3E-08
1,3,5-Trimethylbenzene												

Table H-393 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												
Benzene	1.6E-18					9.4E-09	3.8E-09	1.1E-09	1.3E-09			1.6E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	2.8E-22					5.0E-14	9.0E-13	6.3E-15	3.0E-13			1.3E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	1.3E-22					1.3E-08	3.3E-13	1.3E-09	1.1E-13			1.4E-08
Chlorobenzene												
Chlorodibromomethane	2.2E-20											2.2E-20
Chloroethane												
Chloroform	1.2E-21					8.3E-09	1.3E-11	7.9E-10	4.2E-12			9.1E-09
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	2.3E-19					3.4E-09	2.6E-10	8.7E-13	8.8E-11			3.8E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	7.4E-22					2.6E-15	9.5E-14	3.2E-16	3.2E-14			1.3E-13
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	2.0E-23					4.5E-16	1.6E-14	5.6E-17	5.2E-15			2.1E-14
Toluene												

Table H-393 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	4.5E-24					2.7E-10	7.6E-15	5.3E-17	2.5E-15			2.7E-10
Trichlorofluoromethane												
Vinyl chloride	4.9E-21					3.1E-13	7.6E-12	3.9E-14	2.5E-12			1.0E-11
Grand Total	4.5E-13	6.6E-08	1.9E-11	8.3E-08	1.3E-10	1.1E-06	5.4E-08	3.8E-09	1.8E-08	2.1E-10	1.8E-13	1.4E-06

Table H-394 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	1.5E-03	5.2E-06	5.0E-04			2.0E-03
Aldehydes												
Acetaldehyde						1.6E-04	5.8E-03	2.0E-05	1.9E-03			7.9E-03
Formaldehyde	2.3E-12					5.8E-01	2.1E-03	7.9E-06	6.9E-04			5.9E-01
Propionaldehyde						2.0E-05	7.2E-04	2.5E-06	2.4E-04	2.1E-12	1.5E-10	9.8E-04
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.5E-07	2.0E-07	5.9E-06	1.3E-06	4.3E-05	1.6E-07	1.4E-05	1.2E-10	7.8E-09	6.6E-05
2,3,7,8-TCDF												
OCDD												
OCDF												
DNT												
2,4-Dinitrotoluene		2.0E-04		2.4E-04								4.4E-04
2,6-Dinitrotoluene		2.1E-03		2.5E-03								4.7E-03
HCN												
Hydrogen cyanide						2.0E-04	7.7E-03	2.5E-05	2.6E-03			1.1E-02

Table H-394 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Metals												
Aluminum				7.9E-03						7.7E-05		7.9E-03
Antimony	3.9E-14			7.6E-04								7.6E-04
Arsenic	2.7E-12	2.0E-03	1.6E-13	4.7E-03	7.6E-13	4.0E-05	1.4E-03	4.9E-06	4.7E-04	7.7E-06	2.7E-15	8.6E-03
Barium	1.2E-11			1.6E-08	5.4E-07	2.5E-04	6.8E-03	3.1E-05	2.3E-03	3.1E-10	2.3E-08	9.3E-03
Beryllium	1.7E-14			5.2E-13	2.0E-11	2.1E-06	7.3E-05	2.7E-07	2.4E-05	2.6E-15	2.1E-13	9.9E-05
Cadmium	8.3E-12			8.2E-13	3.1E-11	7.6E-05	2.6E-03	9.5E-06	8.8E-04	4.0E-15	3.4E-13	3.6E-03
Chromium	1.7E-15			5.5E-11	2.2E-09							2.2E-09
Cobalt				6.5E-02	3.3E-05	1.6E-03	3.0E-02	2.0E-04	9.9E-03	1.6E-04	1.8E-07	1.1E-01
Copper				8.4E-09	3.2E-07							3.3E-07
Iron				2.4E-02								2.4E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.5E-09	7.8E-08	2.8E-06	9.8E-09	9.2E-07	5.6E-15	3.8E-13	3.8E-06
Mercury, elemental						3.3E-10	1.2E-08	4.1E-11	3.8E-09	9.6E-05		9.6E-05
Methyl Mercury	8.7E-11			2.0E-11	7.9E-10							8.9E-10
Nickel	1.7E-13			2.0E-02	7.8E-12	3.9E-05	1.3E-03	4.8E-06	4.4E-04	2.2E-04	1.9E-13	2.2E-02
Phosphorus				3.7E-10	1.4E-08							1.4E-08
Selenium	5.5E-14			8.1E-15	3.1E-13	8.7E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-20	8.4E-18	4.2E-07
Silver	4.2E-14			1.7E-10	6.2E-09							6.4E-09
Thallium (Soluble Salts)				1.1E-02								1.1E-02
Titanium												
Zinc	1.4E-11			6.1E-13	2.2E-11							3.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	6.9E-14	3.1E-15	1.3E-13							2.0E-13
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	1.2E-12	5.2E-14	2.1E-12							3.4E-12
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												

Table H-394 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	2.8E-13	2.8E-04	1.2E-02	3.5E-05	3.9E-03	4.9E-12	4.5E-10	1.6E-02
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	3.4E-11	1.5E-12	6.3E-11							1.1E-10
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	2.1E-03	6.2E-06	6.9E-04			2.8E-03
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.7E-10	7.6E-12	3.1E-10							5.1E-10
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.8E-10	7.8E-12	3.1E-10							6.0E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	7.2E-11	3.2E-12	1.2E-10	9.8E-10	3.9E-08	1.2E-10	1.3E-08	2.5E-15	2.1E-13	5.4E-08
Hexachlorobiphenyl	4.6E-11	1.7E-11	3.0E-10	1.4E-11	5.1E-10	4.1E-06	1.6E-04	5.1E-07	5.3E-05	1.1E-11	8.8E-10	2.2E-04
Monochlorobiphenyl	6.1E-10	6.4E-11	1.3E-09	5.4E-11	2.2E-09							4.2E-09
Nonachlorobiphenyl	1.4E-12	6.6E-13	1.0E-11	5.6E-13	1.7E-11							3.0E-11
Octachlorobiphenyl	3.4E-12	1.2E-12	2.2E-11	1.0E-12	3.7E-11							6.5E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	1.0E-09	5.1E-11	1.8E-09	4.6E-05	1.7E-03	5.7E-06	5.7E-04	1.3E-10	9.9E-09	2.3E-03
Tetrachlorobiphenyl	2.6E-11	3.5E-12	6.0E-11	3.0E-12	1.0E-10	2.3E-07	8.7E-06	2.9E-08	2.9E-06	1.5E-13	1.1E-11	1.2E-05
Trichlorobiphenyl	3.4E-11	4.3E-12	7.6E-11	3.6E-12	1.3E-10							2.5E-10
Pesticides												
DDE												
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	4.3E-06	1.7E-08	1.4E-06			5.9E-06
1,2-dichlorobenzene	3.1E-17					5.4E-10	9.7E-09	6.8E-11	3.2E-09			1.4E-08
1,3-Butadiene						1.6E-02						1.6E-02

Table H-394 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	8.5E-08	2.4E-10	2.8E-08			1.2E-07
1,4-Dioxane						2.4E-03						2.4E-03
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	3.9E-06	1.2E-08	1.3E-06			5.3E-06
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	6.0E-09	4.0E-10	1.4E-08							2.1E-08
Butyl benzyl phthalate	8.8E-13	1.6E-14	3.3E-13	1.9E-14	7.9E-13							2.0E-12
Carbazole												
Dibenzofuran		1.4E-13	2.9E-12	5.7E-13	2.3E-11							2.6E-11
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	6.7E-13	3.9E-14	1.6E-12							1.9E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	8.7E-12	1.1E-12	2.1E-11							3.1E-11
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						4.1E-03						4.1E-03
Phenol	4.9E-13					1.5E-06	6.2E-05	1.9E-07	2.1E-05			8.5E-05
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	1.0E-09	3.3E-12	3.3E-10			1.4E-09
1,1-Dichloroethene	1.2E-19					1.3E-10	2.3E-09	1.6E-11	7.7E-10			3.2E-09
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	6.4E-06	4.5E-08	2.1E-06			9.0E-06
1,2,4-Trimethylbenzene						8.9E-07	2.8E-05	1.1E-07	9.4E-06			3.9E-05
1,2-Dibromoethane	4.1E-17					7.7E-09	1.4E-07	9.6E-10	4.6E-08			1.9E-07
1,2-Dichloroethane	1.9E-15					4.9E-03	1.5E-05	1.4E-04	5.0E-06			5.1E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15

Table H-394 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	2.6E-07	8.3E-10	8.7E-08			3.6E-07
2-Chlorotoluene												
2-Hexanone						2.3E-07	8.2E-06	2.8E-08	2.7E-06			1.1E-05
Benzene	4.9E-13					2.8E-03	1.1E-03	3.2E-04	3.8E-04			4.7E-03
Bromobenzene						6.2E-07	1.1E-05	7.8E-08	3.7E-06			1.5E-05
Bromochloromethane						2.2E-09	3.9E-08	2.8E-10	1.3E-08			5.5E-08
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	2.3E-05	9.5E-08	7.6E-06			3.1E-05
Carbon disulfide	1.3E-17					4.8E-09	1.4E-07	6.0E-10	4.7E-08			1.9E-07
Carbon tetrachloride	3.4E-17					1.5E-03	3.9E-08	1.5E-04	1.3E-08			1.6E-03
Chlorobenzene	2.3E-15					9.6E-08	3.4E-06	1.2E-08	1.1E-06			4.7E-06
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	3.2E-08	1.1E-10	1.1E-08			4.3E-08
Chloroform	2.8E-16					2.6E-04	3.9E-07	2.4E-05	1.3E-07			2.8E-04
Chloromethane						3.4E-07	1.0E-05	4.3E-08	3.5E-06			1.4E-05
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	9.1E-07	6.4E-09	3.0E-07			1.3E-06
Dichlorodifluoromethane	2.4E-20					2.5E-09	4.4E-08	3.1E-10	1.5E-08			6.2E-08
Ethylbenzene	1.5E-14					9.6E-05	7.4E-06	2.4E-08	2.5E-06			1.1E-04
Isopropylbenzene	2.0E-17					3.9E-08	1.3E-06	4.9E-09	4.5E-07			1.8E-06
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.1E-09	1.5E-11	7.1E-10			3.0E-09
Methylene chloride	4.3E-15					3.0E-08	1.1E-06	3.8E-09	3.7E-07			1.5E-06
n-Butylbenzene												
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07			4.2E-07
o-Xylene	1.4E-15					2.3E-07	7.6E-06	2.9E-08	2.5E-06			1.0E-05
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.9E-05	6.4E-08	6.2E-06			2.5E-05
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	1.1E-07	3.8E-10	3.5E-08			1.4E-07
Toluene	2.0E-14					6.3E-08	2.5E-06	7.9E-09	8.3E-07			3.4E-06

Table H-394 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.3E-03	6.5E-08	4.5E-10	2.2E-08			2.3E-03
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.2E-06	6.2E-09	4.0E-07			1.7E-06
Grand Total	4.8E-09	4.3E-03	7.6E-07	1.4E-01	4.0E-05	6.2E-01	7.7E-02	1.0E-03	2.6E-02	5.6E-04	2.2E-07	8.6E-01

Table H-395 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			4.5E-11	5.7E-12		5.1E-11
Formaldehyde			1.1E-10	1.4E-11		1.3E-10
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	1.4E-14	5.5E-14	4.6E-12	5.8E-13	7.9E-19	5.2E-12
1,2,3,4,6,7,8-HpCDF	1.4E-14	5.6E-14	4.7E-12	5.8E-13	8.0E-19	5.3E-12
1,2,3,4,7,8,9-HpCDF	1.6E-15	6.4E-15	5.9E-13	7.4E-14	9.1E-20	6.7E-13
1,2,3,4,7,8-HxCDD	1.6E-14	6.2E-14	5.5E-12	6.9E-13	8.9E-19	6.3E-12
1,2,3,4,7,8-HxCDF	1.3E-13	5.0E-13	4.5E-11	5.6E-12	7.1E-18	5.1E-11
1,2,3,6,7,8-HxCDD	3.2E-14	1.3E-13	1.2E-11	1.5E-12	1.8E-18	1.3E-11
1,2,3,6,7,8-HxCDF	4.1E-14	1.6E-13	1.5E-11	1.8E-12	2.3E-18	1.7E-11
1,2,3,7,8,9-HxCDD	5.1E-14	2.0E-13	1.8E-11	2.2E-12	2.9E-18	2.0E-11
1,2,3,7,8,9-HxCDF	2.9E-15	1.2E-14	1.1E-12	1.4E-13	1.7E-19	1.3E-12
1,2,3,7,8-PeCDD	1.8E-13	7.1E-13	7.0E-11	8.8E-12	1.0E-17	8.0E-11

Table H-395 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	1.1E-14	4.1E-14	5.0E-12	6.2E-13	5.9E-19	5.7E-12
2,3,4,6,7,8-HxCDF	6.4E-14	2.5E-13	2.3E-11	2.8E-12	3.6E-18	2.6E-11
2,3,4,7,8-PeCDF	2.5E-13	9.9E-13	1.1E-10	1.4E-11	1.4E-17	1.3E-10
2,3,7,8-TCDD	3.7E-14	1.5E-13	2.8E-11	3.5E-12	1.4E-15	3.2E-11
2,3,7,8-TCDF	6.7E-15	2.6E-14	1.0E-11	1.3E-12	3.8E-19	1.2E-11
OCDD	9.4E-17	3.7E-16	3.1E-14	3.8E-15	5.3E-21	3.5E-14
OCDF	3.6E-17	1.4E-16	1.1E-14	1.4E-15	2.1E-21	1.3E-14
HCN						
Hydrogen cyanide						
Metals						
Aluminum						
Antimony						
Arsenic	4.2E-09	9.9E-09	3.6E-11	4.6E-12	2.3E-12	1.4E-08
Barium						
Beryllium			1.5E-12	1.8E-13	1.8E-21	1.7E-12
Cadmium			1.9E-11	2.4E-12	1.0E-21	2.2E-11
Chromium						
Cobalt			1.3E-09	1.6E-10	1.1E-10	1.5E-09
Copper						
Iron						
Lead						
Manganese						
Mercury (+2)						

Table H-395 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental						
Methyl Mercury						
Nickel			1.3E-11	1.6E-12	7.2E-11	8.7E-11
Phosphorus						
Selenium						
Silver						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	9.9E-20	9.0E-20				1.9E-19
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	9.3E-08	8.5E-08	4.7E-12	5.9E-13	1.9E-10	1.8E-07
Benzo(a)pyrene	7.9E-07	7.1E-07	1.8E-11	2.3E-12	5.3E-12	1.5E-06
Benzo(b)fluoranthene	1.3E-07	1.2E-07	2.1E-12	2.6E-13	8.6E-13	2.4E-07
Benzo(e)pyrene						

Table H-395 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	6.9E-09	6.3E-09	1.8E-14	2.3E-15	4.6E-13	1.3E-08
Biphenyl		3.8E-19				3.8E-19
Chrysene	9.8E-10	8.9E-10	8.0E-13	1.0E-13	6.6E-14	1.9E-09
Dibenze(a,h)anthracene	1.5E-07	1.4E-07	3.2E-12	4.0E-13	1.1E-12	2.9E-07
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	2.0E-08	1.8E-08	9.7E-13	1.2E-13	1.4E-13	3.8E-08
Napthalene			7.2E-11	9.0E-12	1.2E-10	2.0E-10
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	3.5E-19	3.0E-19	2.7E-14	3.3E-15	8.0E-21	3.0E-14
Heptachlorobiphenyl	1.2E-18	9.8E-19	1.0E-14	1.3E-15	1.4E-20	1.2E-14
Hexachlorobiphenyl	5.2E-18	4.4E-18	4.3E-14	5.4E-15	6.4E-20	4.9E-14
Monochlorobiphenyl	2.5E-18	2.1E-18	1.8E-13	2.3E-14	5.5E-20	2.1E-13
Nonachlorobiphenyl	2.0E-19	1.7E-19	1.5E-15	1.8E-16	2.5E-21	1.6E-15
Octachlorobiphenyl	3.8E-19	3.2E-19	3.2E-15	4.0E-16	4.6E-21	3.6E-15

Table H-395 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Pentachlorobiphenyl	1.9E-17	1.6E-17	1.5E-13	1.9E-14	2.3E-19	1.7E-13
Tetrachlorobiphenyl	1.4E-19	1.1E-19	8.6E-15	1.1E-15	3.0E-21	9.7E-15
Trichlorobiphenyl	1.6E-19	1.4E-19	1.1E-14	1.4E-15	3.7E-21	1.2E-14
Pesticides						
DDE		3.1E-09			2.8E-11	3.1E-09
Dieldrin	1.4E-08	1.7E-08			2.3E-13	3.1E-08
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-Butadiene			1.2E-08			1.2E-08
1,3-dichlorobenzene						
1,4-dichlorobenzene			2.4E-13	3.0E-14		2.7E-13
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	1.3E-15	1.6E-15	6.5E-12	8.1E-13	1.3E-20	7.3E-12
Butyl benzyl phthalate	8.8E-20	1.0E-19				1.9E-19

Table H-395 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			1.4E-11	1.7E-12		1.6E-11
Isopropanol						
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			1.4E-14	1.8E-15		1.6E-14
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			5.9E-13	7.4E-14		6.7E-13
1,2-Dichloroethane			1.0E-12	3.7E-10		3.7E-10
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						

Table H-395 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
2-Chlorotoluene						
2-Hexanone						
Benzene			1.2E-08	1.1E-09		1.3E-08
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			5.0E-14	6.3E-15		5.7E-14
Bromomethane						
Carbon disulfide						
Carbon tetrachloride			1.2E-08	1.3E-09		1.3E-08
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			1.1E-08	7.9E-10		1.1E-08
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			1.9E-09	8.7E-13		1.9E-09
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			2.6E-15	3.2E-16		2.9E-15

Table H-395 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethene			4.5E-16	5.6E-17		5.1E-16
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			2.1E-09	5.3E-17		2.1E-09
Trichlorofluoromethane						
Vinyl chloride			1.9E-10	3.9E-14		1.9E-10
Grand Total	1.2E-06	1.1E-06	5.3E-08	3.8E-09	5.4E-10	2.4E-06

Table H-396 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			4.2E-05	5.2E-06		4.7E-05
Aldehydes						
Acetaldehyde			1.6E-04	2.0E-05		1.8E-04
Formaldehyde			6.3E-05	7.9E-06		7.1E-05
Propionaldehyde			2.0E-05	2.5E-06	2.1E-12	2.2E-05
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-396 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	5.2E-08	2.0E-07	1.3E-06	1.6E-07	1.2E-10	1.7E-06
2,3,7,8-TCDF						
OCDD						
OCDF						
HCN						
Hydrogen cyanide			2.0E-04	2.5E-05		2.2E-04
Metals						
Aluminum		9.4E-03			9.2E-05	9.5E-03
Antimony		1.1E-03				1.1E-03
Arsenic	6.5E-04	1.5E-03	4.0E-05	4.9E-06	2.5E-06	2.2E-03
Barium		1.6E-08	2.5E-04	3.1E-05	3.1E-10	2.8E-04
Beryllium		5.2E-13	2.1E-06	2.7E-07	2.6E-15	2.4E-06
Cadmium		8.2E-13	7.6E-05	9.5E-06	4.0E-15	8.5E-05
Chromium		5.5E-11				5.5E-11
Cobalt		6.0E-02	1.6E-03	2.0E-04	1.5E-04	6.2E-02
Copper		8.4E-09				8.4E-09
Iron		2.5E-02				2.5E-02
Lead						
Manganese						
Mercury (+2)		1.1E-10	7.8E-08	9.8E-09	5.6E-15	8.8E-08

Table H-396 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental			3.3E-10	4.1E-11	1.4E-04	1.4E-04
Methyl Mercury		2.0E-11				2.0E-11
Nickel		2.0E-02	3.9E-05	4.8E-06	2.2E-04	2.0E-02
Phosphorus		3.7E-10				3.7E-10
Selenium		8.1E-15	8.7E-09	1.1E-09	9.9E-20	9.8E-09
Silver		1.7E-10				1.7E-10
Titanium						
Zinc		6.1E-13				6.1E-13
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.4E-15	3.1E-15				6.5E-15
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	5.8E-14	5.2E-14				1.1E-13
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						
Benzo(e)pyrene						

Table H-396 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						
Biphenyl		6.7E-15	2.8E-04	3.5E-05	4.9E-12	3.1E-04
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	1.7E-12	1.5E-12				3.2E-12
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene	9.4E-06	8.5E-06	5.0E-05	6.2E-06	8.2E-05	1.6E-04
Perylene						
Phenanthrene						
Pyrene	8.3E-12	7.6E-12				1.6E-11
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	9.3E-12	7.8E-12				1.7E-11
Heptachlorobiphenyl	3.7E-12	3.2E-12	9.8E-10	1.2E-10	2.5E-15	1.1E-09
Hexachlorobiphenyl	1.7E-11	1.4E-11	4.1E-06	5.1E-07	1.1E-11	4.6E-06
Monochlorobiphenyl	6.4E-11	5.4E-11				1.2E-10
Nonachlorobiphenyl	6.6E-13	5.6E-13				1.2E-12
Octachlorobiphenyl	1.2E-12	1.0E-12				2.2E-12

Table H-396 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Pentachlorobiphenyl	6.1E-11	5.1E-11	4.6E-05	5.7E-06	1.3E-10	5.1E-05
Tetrachlorobiphenyl	3.5E-12	3.0E-12	2.3E-07	2.9E-08	1.5E-13	2.6E-07
Trichlorobiphenyl	4.3E-12	3.6E-12				7.8E-12
Pesticides						
DDE						
Dieldrin	1.2E-03	1.5E-03				2.7E-03
SVOCs						
1,2,4-trichlorobenzene			1.3E-07	1.7E-08		1.5E-07
1,2-dichlorobenzene			5.4E-10	6.8E-11		6.1E-10
1,3-Butadiene			1.4E-02			1.4E-02
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.9E-09	2.4E-10		2.1E-09
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			9.3E-08	1.2E-08		1.0E-07
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-10	4.0E-10				7.4E-10
Butyl benzyl phthalate	1.6E-14	1.9E-14				3.6E-14

Table H-396 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbazole						
Dibenzofuran	1.4E-13	5.7E-13				7.1E-13
Dimethyl phthalate						
Di-n-butyl phthalate	3.3E-14	3.9E-14				7.1E-14
Di-n-octyl phthalate	9.4E-13	1.1E-12				2.1E-12
Hexachlorobutadiene						
Isopropanol			1.6E-02			1.6E-02
Phenol			1.5E-06	1.9E-07		1.7E-06
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			2.7E-11	3.3E-12		3.0E-11
1,1-Dichloroethene			1.3E-10	1.6E-11		1.5E-10
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.6E-07	4.5E-08		4.1E-07
1,2,4-Trimethylbenzene			8.9E-07	1.1E-07		1.0E-06
1,2-Dibromoethane			7.7E-09	9.6E-10		8.6E-09
1,2-Dichloroethane			4.0E-07	1.4E-04		1.4E-04
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone			6.6E-09	8.3E-10		7.4E-09

Table H-396 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
2-Chlorotoluene						
2-Hexanone			2.3E-07	2.8E-08		2.5E-07
Benzene			3.7E-03	3.2E-04		4.0E-03
Bromobenzene			6.2E-07	7.8E-08		7.0E-07
Bromochloromethane			2.2E-09	2.8E-10		2.5E-09
Bromodichloromethane						
Bromomethane			7.6E-07	9.5E-08		8.6E-07
Carbon disulfide			4.8E-09	6.0E-10		5.4E-09
Carbon tetrachloride			1.4E-03	1.5E-04		1.5E-03
Chlorobenzene			9.6E-08	1.2E-08		1.1E-07
Chlorodibromomethane						
Chloroethane			9.1E-10	1.1E-10		1.0E-09
Chloroform			3.3E-04	2.4E-05		3.5E-04
Chloromethane			3.4E-07	4.3E-08		3.9E-07
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			5.1E-08	6.4E-09		5.7E-08
Dichlorodifluoromethane			2.5E-09	3.1E-10		2.8E-09
Ethylbenzene			5.3E-05	2.4E-08		5.3E-05
Isopropylbenzene			3.9E-08	4.9E-09		4.4E-08
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.2E-10	1.5E-11		1.3E-10
Methylene chloride			3.0E-08	3.8E-09		3.4E-08

Table H-396 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene			9.4E-09	1.2E-09		1.1E-08
o-Xylene			2.3E-07	2.9E-08		2.6E-07
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			5.1E-07	6.4E-08		5.7E-07
tert-Butylbenzene						
Tetrachloroethene			3.0E-09	3.8E-10		3.4E-09
Toluene			6.3E-08	7.9E-09		7.1E-08
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			1.8E-02	4.5E-10		1.8E-02
Trichlorofluoromethane						
Vinyl chloride			3.0E-05	6.2E-09		3.0E-05
Grand Total	1.9E-03	1.2E-01	5.6E-02	1.0E-03	6.9E-04	1.8E-01

Table H-397 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						4.5E-11	1.1E-10	5.7E-12	5.7E-12			1.6E-10
Formaldehyde						1.1E-10	2.6E-10	1.4E-11	1.4E-11			4.1E-10
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.7E-17	1.4E-14	2.0E-14	5.5E-14	1.5E-13	4.6E-12	1.1E-11	5.8E-13	5.8E-13	7.9E-19	4.9E-18	1.7E-11
1,2,3,4,6,7,8-HpCDF	1.7E-17	1.4E-14	2.0E-14	5.6E-14	1.6E-13	4.7E-12	1.1E-11	5.8E-13	5.8E-13	8.0E-19	4.9E-18	1.7E-11
1,2,3,4,7,8,9-HpCDF	2.7E-18	1.6E-15	2.3E-15	6.4E-15	1.8E-14	5.9E-13	1.4E-12	7.4E-14	7.4E-14	9.1E-20	5.6E-19	2.1E-12
1,2,3,4,7,8-HxCDD	2.0E-16	1.6E-14	2.2E-14	6.2E-14	1.7E-13	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.9E-19	5.5E-18	2.0E-11
1,2,3,4,7,8-HxCDF	1.4E-15	1.3E-13	1.8E-13	5.0E-13	1.4E-12	4.5E-11	1.0E-10	5.6E-12	5.6E-12	7.1E-18	4.4E-17	1.6E-10
1,2,3,6,7,8-HxCDD	4.0E-16	3.2E-14	4.5E-14	1.3E-13	3.6E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.8E-18	1.1E-17	4.2E-11
1,2,3,6,7,8-HxCDF	5.2E-16	4.1E-14	5.8E-14	1.6E-13	4.5E-13	1.5E-11	3.4E-11	1.8E-12	1.8E-12	2.3E-18	1.4E-17	5.3E-11
1,2,3,7,8,9-HxCDD	5.5E-16	5.1E-14	7.1E-14	2.0E-13	5.6E-13	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.9E-18	1.8E-17	6.4E-11
1,2,3,7,8,9-HxCDF	4.4E-17	2.9E-15	4.1E-15	1.2E-14	3.2E-14	1.1E-12	2.6E-12	1.4E-13	1.4E-13	1.7E-19	1.0E-18	4.0E-12
1,2,3,7,8-PeCDD	1.3E-14	1.8E-13	2.5E-13	7.1E-13	2.0E-12	7.0E-11	1.6E-10	8.8E-12	8.8E-12	1.0E-17	6.2E-17	2.5E-10
1,2,3,7,8-PeCDF	8.9E-16	1.1E-14	1.5E-14	4.1E-14	1.2E-13	5.0E-12	1.2E-11	6.2E-13	6.2E-13	5.9E-19	3.7E-18	1.8E-11
2,3,4,6,7,8-HxCDF	7.6E-16	6.4E-14	9.0E-14	2.5E-13	7.1E-13	2.3E-11	5.2E-11	2.8E-12	2.8E-12	3.6E-18	2.2E-17	8.2E-11
2,3,4,7,8-PeCDF	1.4E-14	2.5E-13	3.5E-13	9.9E-13	2.8E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	1.4E-17	8.8E-17	4.0E-10
2,3,7,8-TCDD	4.5E-15	3.7E-14	5.2E-14	1.5E-13	4.1E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	1.4E-15	8.9E-15	1.0E-10
2,3,7,8-TCDF	1.5E-15	6.7E-15	9.3E-15	2.6E-14	7.4E-14	1.0E-11	2.4E-11	1.3E-12	1.3E-12	3.8E-19	2.3E-18	3.7E-11
OCDD	2.3E-21	9.4E-17	1.3E-16	3.7E-16	1.0E-15	3.1E-14	7.1E-14	3.8E-15	3.8E-15	5.3E-21	3.3E-20	1.1E-13
OCDF	8.4E-22	3.6E-17	5.1E-17	1.4E-16	4.0E-16	1.1E-14	2.6E-14	1.4E-15	1.4E-15	2.1E-21	1.3E-20	4.1E-14
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-397 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.7E-17	4.2E-09	4.9E-09	9.9E-09	2.3E-08	3.6E-11	8.4E-11	4.6E-12	4.6E-12	2.3E-12	1.2E-11	4.2E-08
Barium												
Beryllium						1.5E-12	3.4E-12	1.8E-13	1.8E-13	1.8E-21	1.1E-20	5.2E-12
Cadmium						1.9E-11	4.5E-11	2.4E-12	2.4E-12	1.0E-21	6.3E-21	6.9E-11
Chromium												
Cobalt						1.3E-09	2.9E-09	1.6E-10	1.6E-10	1.1E-10	5.1E-10	5.1E-09
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						1.3E-11	3.0E-11	1.6E-12	1.6E-12	7.2E-11	2.8E-10	4.0E-10
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		9.9E-20	1.4E-19	9.0E-20	2.5E-19							5.8E-19
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	6.4E-14	9.3E-08	5.3E-09	8.5E-08	9.7E-09	4.7E-12	1.1E-11	5.9E-13	5.9E-13	1.9E-10	1.2E-09	1.9E-07
Benzo(a)pyrene	3.2E-13	7.9E-07	5.9E-08	7.1E-07	1.1E-07	1.8E-11	4.3E-11	2.3E-12	2.3E-12	5.3E-12	1.7E-12	1.7E-06
Benzo(b)fluoranthene	8.7E-15	1.3E-07	8.2E-09	1.2E-07	1.5E-08	2.1E-12	4.8E-12	2.6E-13	2.6E-13	8.6E-13	2.4E-13	2.7E-07
Benzo(e)pyrene												

Table H-397 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	6.4E-18	6.9E-09	4.1E-10	6.3E-09	7.5E-10	1.8E-14	4.2E-14	2.3E-15	2.3E-15	4.6E-13	1.2E-13	1.4E-08
Biphenyl				3.8E-19	1.1E-18							1.4E-18
Chrysene	1.1E-16	9.8E-10	6.0E-11	8.9E-10	1.1E-10	8.0E-13	1.9E-12	1.0E-13	1.0E-13	6.6E-14	1.8E-14	2.0E-09
Dibenze(a,h)anthracene	1.6E-14	1.5E-07	1.5E-08	1.4E-07	2.6E-08	3.2E-12	7.3E-12	4.0E-13	4.0E-13	1.1E-12	4.7E-13	3.3E-07
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	3.9E-15	2.0E-08	3.8E-09	1.8E-08	6.9E-09	9.7E-13	2.2E-12	1.2E-13	1.2E-13	1.4E-13	1.1E-13	4.9E-08
Napthalene						7.2E-11	1.7E-10	9.0E-12	9.0E-12	1.2E-10	7.4E-10	1.1E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	6.1E-18	3.5E-19	4.9E-19	3.0E-19	8.4E-19	2.7E-14	6.1E-14	3.3E-15	3.3E-15	8.0E-21	4.9E-20	9.4E-14
Heptachlorobiphenyl	6.5E-18	1.2E-18	1.6E-18	9.8E-19	2.7E-18	1.0E-14	2.4E-14	1.3E-15	1.3E-15	1.4E-20	8.7E-20	3.7E-14
Hexachlorobiphenyl	2.6E-17	5.2E-18	7.3E-18	4.4E-18	1.2E-17	4.3E-14	1.0E-13	5.4E-15	5.4E-15	6.4E-20	3.9E-19	1.5E-13
Monochlorobiphenyl	4.2E-17	2.5E-18	3.4E-18	2.1E-18	5.8E-18	1.8E-13	4.3E-13	2.3E-14	2.3E-14	5.5E-20	3.4E-19	6.6E-13
Nonachlorobiphenyl	8.1E-19	2.0E-19	2.9E-19	1.7E-19	4.8E-19	1.5E-15	3.4E-15	1.8E-16	1.8E-16	2.5E-21	1.5E-20	5.2E-15
Octachlorobiphenyl	1.9E-18	3.8E-19	5.2E-19	3.2E-19	8.9E-19	3.2E-15	7.3E-15	4.0E-16	4.0E-16	4.6E-21	2.8E-20	1.1E-14
Pentachlorobiphenyl	8.8E-17	1.9E-17	2.6E-17	1.6E-17	4.4E-17	1.5E-13	3.4E-13	1.9E-14	1.9E-14	2.3E-19	1.4E-18	5.3E-13
Tetrachlorobiphenyl	1.8E-18	1.4E-19	1.9E-19	1.1E-19	3.2E-19	8.6E-15	2.0E-14	1.1E-15	1.1E-15	3.0E-21	1.9E-20	3.1E-14
Trichlorobiphenyl	2.4E-18	1.6E-19	2.3E-19	1.4E-19	3.8E-19	1.1E-14	2.5E-14	1.4E-15	1.4E-15	3.7E-21	2.3E-20	3.9E-14
Pesticides												
DDE				3.1E-09	1.1E-09					2.8E-11	1.7E-10	4.4E-09
Dieldrin		1.4E-08	2.3E-09	1.7E-08	5.4E-09					2.3E-13	1.7E-13	3.8E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene							1.2E-08					1.2E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	7.1E-21						2.4E-13	5.5E-13	3.0E-14	3.0E-14		8.5E-13

Table H-397 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	9.8E-17	1.3E-15	1.9E-15	1.6E-15	4.4E-15	6.5E-12	1.5E-11	8.1E-13	8.1E-13	1.3E-20	8.2E-20	2.3E-11
Butyl benzyl phthalate	4.8E-18	8.8E-20	1.2E-19	1.0E-19	2.9E-19							5.4E-18
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	7.5E-18					1.4E-11	3.2E-11	1.7E-12	1.7E-12			5.0E-11
Isopropanol												
p-Chloroaniline			9.3E-10		2.2E-09							3.1E-09
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	1.0E-21					1.4E-14	3.3E-14	1.8E-15	1.8E-15			5.1E-14
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	4.6E-19											4.6E-19
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	1.1E-20					5.9E-13	1.4E-12	7.4E-14	7.4E-14			2.1E-12
1,2-Dichloroethane	1.5E-20					1.0E-12	1.6E-08	3.7E-10	3.7E-10			1.7E-08
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												

Table H-397 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorotoluene												
2-Hexanone												
Benzene	1.6E-18					1.2E-08	3.0E-08	1.1E-09	1.1E-09			4.4E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	2.8E-22					5.0E-14	1.8E-07	6.3E-15	6.3E-15			1.8E-07
Bromoform							2.4E-08					2.4E-08
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	1.3E-22					1.2E-08	3.3E-08	1.3E-09	1.3E-09			4.8E-08
Chlorobenzene												
Chlorodibromomethane	2.2E-20											2.2E-20
Chloroethane												
Chloroform	1.2E-21					1.1E-08	2.6E-07	7.9E-10	7.9E-10			2.7E-07
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	2.3E-19					1.9E-09	7.9E-09	8.7E-13	8.7E-13			9.8E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	7.4E-22					2.6E-15	6.0E-15	3.2E-16	3.2E-16			9.2E-15
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	2.0E-23					4.5E-16	1.0E-15	5.6E-17	5.6E-17			1.6E-15
Toluene												
trans-1,2-Dichloroethene												

Table H-397 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,3-Dichloropropene												
Trichloroethene	4.5E-24					2.1E-09	2.6E-08	5.3E-17	5.3E-17			2.8E-08
Trichlorofluoromethane												
Vinyl chloride	4.9E-21					1.9E-10	7.2E-13	3.9E-14	3.9E-14			1.9E-10
Grand Total	4.5E-13	1.2E-06	9.9E-08	1.1E-06	2.0E-07	5.3E-08	5.8E-07	3.8E-09	3.8E-09	5.4E-10	2.9E-09	3.3E-06

Table H-398 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					6.3E-05	1.5E-04	7.9E-06	7.9E-06			2.2E-04
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				9.4E-03	2.0E-02					9.2E-05	4.2E-04	3.0E-02
Antimony	3.9E-14			1.1E-03	3.6E-03							4.7E-03

Table H-398 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	6.5E-04	7.7E-04	1.5E-03	3.6E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	2.5E-06	1.3E-05	6.7E-03
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt				6.0E-02	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	1.5E-04	6.6E-04	1.9E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				2.5E-02	5.4E-02							7.8E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.4E-04	8.9E-04	1.0E-03
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.0E-02	3.5E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	2.2E-04	8.5E-04	5.7E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Thallium (Soluble Salts)					1.7E-02							1.7E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-398 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12	9.4E-06		8.5E-06		5.0E-05	1.1E-04	6.2E-06	6.2E-06	8.2E-05	5.0E-04	7.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
DDE												
Dieldrin		1.2E-03	2.0E-04	1.5E-03	4.7E-04							3.4E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.4E-02						1.4E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09

Table H-398 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.6E-02	1.1E-02					2.7E-02
p-Chloroaniline			8.2E-05		1.9E-04							2.8E-04
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	6.3E-03	1.4E-04	1.4E-04			6.5E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08

Table H-398 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					3.7E-03	9.0E-03	3.2E-04	3.2E-04			1.3E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromoform												
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.4E-03	3.9E-03	1.5E-04	1.5E-04			5.6E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					3.3E-04	8.1E-03	2.4E-05	2.4E-05			8.4E-03
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					5.3E-05	2.2E-04	2.4E-08	2.4E-08			2.7E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15

Table H-398 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					1.8E-02	2.2E-01	4.5E-10	4.5E-10			2.4E-01
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					3.0E-05	1.1E-07	6.2E-09	6.2E-09			3.0E-05
Grand Total	4.8E-09	1.9E-03	1.0E-03	1.2E-01	2.6E-01	5.6E-02	2.7E-01	1.0E-03	1.0E-03	6.9E-04	3.3E-03	7.1E-01

Table H-399 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						4.5E-11	1.1E-10	5.7E-12	5.7E-12			1.6E-10
Formaldehyde						1.1E-10	7.3E-06	1.4E-11	1.4E-11			7.3E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.7E-17	1.4E-14	2.0E-14	5.5E-14	1.5E-13	4.6E-12	1.1E-11	5.8E-13	5.8E-13	7.9E-19	4.9E-18	1.7E-11
1,2,3,4,6,7,8-HpCDF	1.7E-17	1.4E-14	2.0E-14	5.6E-14	1.6E-13	4.7E-12	1.1E-11	5.8E-13	5.8E-13	8.0E-19	4.9E-18	1.7E-11
1,2,3,4,7,8,9-HpCDF	2.7E-18	1.6E-15	2.3E-15	6.4E-15	1.8E-14	5.9E-13	1.4E-12	7.4E-14	7.4E-14	9.1E-20	5.6E-19	2.1E-12
1,2,3,4,7,8-HxCDD	2.0E-16	1.6E-14	2.2E-14	6.2E-14	1.7E-13	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.9E-19	5.5E-18	2.0E-11
1,2,3,4,7,8-HxCDF	1.4E-15	1.3E-13	1.8E-13	5.0E-13	1.4E-12	4.5E-11	1.0E-10	5.6E-12	5.6E-12	7.1E-18	4.4E-17	1.6E-10
1,2,3,6,7,8-HxCDD	4.0E-16	3.2E-14	4.5E-14	1.3E-13	3.6E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.8E-18	1.1E-17	4.2E-11
1,2,3,6,7,8-HxCDF	5.2E-16	4.1E-14	5.8E-14	1.6E-13	4.5E-13	1.5E-11	3.4E-11	1.8E-12	1.8E-12	2.3E-18	1.4E-17	5.3E-11
1,2,3,7,8,9-HxCDD	5.5E-16	5.1E-14	7.1E-14	2.0E-13	5.6E-13	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.9E-18	1.8E-17	6.4E-11
1,2,3,7,8,9-HxCDF	4.4E-17	2.9E-15	4.1E-15	1.2E-14	3.2E-14	1.1E-12	2.6E-12	1.4E-13	1.4E-13	1.7E-19	1.0E-18	4.0E-12
1,2,3,7,8-PeCDD	1.3E-14	1.8E-13	2.5E-13	7.1E-13	2.0E-12	7.0E-11	1.6E-10	8.8E-12	8.8E-12	1.0E-17	6.2E-17	2.5E-10
1,2,3,7,8-PeCDF	8.9E-16	1.1E-14	1.5E-14	4.1E-14	1.2E-13	5.0E-12	1.2E-11	6.2E-13	6.2E-13	5.9E-19	3.7E-18	1.8E-11
2,3,4,6,7,8-HxCDF	7.6E-16	6.4E-14	9.0E-14	2.5E-13	7.1E-13	2.3E-11	5.2E-11	2.8E-12	2.8E-12	3.6E-18	2.2E-17	8.2E-11
2,3,4,7,8-PeCDF	1.4E-14	2.5E-13	3.5E-13	9.9E-13	2.8E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	1.4E-17	8.8E-17	4.0E-10
2,3,7,8-TCDD	4.5E-15	3.7E-14	5.2E-14	1.5E-13	4.1E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	1.4E-15	8.9E-15	1.0E-10
2,3,7,8-TCDF	1.5E-15	6.7E-15	9.3E-15	2.6E-14	7.4E-14	1.0E-11	2.4E-11	1.3E-12	1.3E-12	3.8E-19	2.3E-18	3.7E-11
OCDD	2.3E-21	9.4E-17	1.3E-16	3.7E-16	1.0E-15	3.1E-14	7.1E-14	3.8E-15	3.8E-15	5.3E-21	3.3E-20	1.1E-13
OCDF	8.4E-22	3.6E-17	5.1E-17	1.4E-16	4.0E-16	1.1E-14	2.6E-14	1.4E-15	1.4E-15	2.1E-21	1.3E-20	4.1E-14
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-399 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.7E-17	4.2E-09	9.8E-09	9.9E-09	4.6E-08	3.6E-11	8.4E-11	4.6E-12	4.6E-12	2.3E-12	2.4E-11	7.0E-08
Barium												
Beryllium						1.5E-12	3.4E-12	1.8E-13	1.8E-13	1.8E-21	1.1E-20	5.2E-12
Cadmium						1.9E-11	4.5E-11	2.4E-12	2.4E-12	1.0E-21	6.3E-21	6.9E-11
Chromium												
Cobalt						1.3E-09	2.9E-09	1.6E-10	1.6E-10	1.1E-10	5.2E-10	5.1E-09
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						1.3E-11	3.0E-11	1.6E-12	1.6E-12	7.2E-11	3.2E-10	4.4E-10
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		9.9E-20	1.4E-19	9.0E-20	2.5E-19							5.8E-19
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	6.4E-14	9.3E-08	2.4E-14	8.5E-08	4.4E-14	4.7E-12	1.1E-11	5.9E-13	5.9E-13	1.9E-10	1.2E-09	1.8E-07
Benzo(a)pyrene	3.2E-13	7.9E-07	1.1E-13	7.1E-07	2.0E-13	1.8E-11	4.3E-11	2.3E-12	2.3E-12	5.3E-12	3.3E-18	1.5E-06
Benzo(b)fluoranthene	8.7E-15	1.3E-07	6.4E-16	1.2E-07	1.2E-15	2.1E-12	4.8E-12	2.6E-13	2.6E-13	8.6E-13	1.9E-20	2.4E-07
Benzo(e)pyrene												

Table H-399 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	6.4E-18	6.9E-09	6.6E-17	6.3E-09	1.2E-16	1.8E-14	4.2E-14	2.3E-15	2.3E-15	4.6E-13	2.0E-20	1.3E-08
Biphenyl				3.8E-19	1.1E-18							1.4E-18
Chrysene	1.1E-16	9.8E-10	3.0E-16	8.9E-10	5.5E-16	8.0E-13	1.9E-12	1.0E-13	1.0E-13	6.6E-14	8.9E-20	1.9E-09
Dibenze(a,h)anthracene	1.6E-14	1.5E-07	3.8E-14	1.4E-07	7.0E-14	3.2E-12	7.3E-12	4.0E-13	4.0E-13	1.1E-12	1.2E-18	2.9E-07
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	3.9E-15	2.0E-08	1.1E-14	1.8E-08	2.0E-14	9.7E-13	2.2E-12	1.2E-13	1.2E-13	1.4E-13	3.3E-19	3.8E-08
Napthalene						7.2E-11	1.7E-10	9.0E-12	9.0E-12	1.2E-10	7.4E-10	1.1E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	6.1E-18	3.5E-19	4.9E-19	3.0E-19	8.4E-19	2.7E-14	6.1E-14	3.3E-15	3.3E-15	8.0E-21	4.9E-20	9.4E-14
Heptachlorobiphenyl	6.5E-18	1.2E-18	1.6E-18	9.8E-19	2.7E-18	1.0E-14	2.4E-14	1.3E-15	1.3E-15	1.4E-20	8.7E-20	3.7E-14
Hexachlorobiphenyl	2.6E-17	5.2E-18	7.3E-18	4.4E-18	1.2E-17	4.3E-14	1.0E-13	5.4E-15	5.4E-15	6.4E-20	3.9E-19	1.5E-13
Monochlorobiphenyl	4.2E-17	2.5E-18	3.4E-18	2.1E-18	5.8E-18	1.8E-13	4.3E-13	2.3E-14	2.3E-14	5.5E-20	3.4E-19	6.6E-13
Nonachlorobiphenyl	8.1E-19	2.0E-19	2.9E-19	1.7E-19	4.8E-19	1.5E-15	3.4E-15	1.8E-16	1.8E-16	2.5E-21	1.5E-20	5.2E-15
Octachlorobiphenyl	1.9E-18	3.8E-19	5.2E-19	3.2E-19	8.9E-19	3.2E-15	7.3E-15	4.0E-16	4.0E-16	4.6E-21	2.8E-20	1.1E-14
Pentachlorobiphenyl	8.8E-17	1.9E-17	2.6E-17	1.6E-17	4.4E-17	1.5E-13	3.4E-13	1.9E-14	1.9E-14	2.3E-19	1.4E-18	5.3E-13
Tetrachlorobiphenyl	1.8E-18	1.4E-19	1.9E-19	1.1E-19	3.2E-19	8.6E-15	2.0E-14	1.1E-15	1.1E-15	3.0E-21	1.9E-20	3.1E-14
Trichlorobiphenyl	2.4E-18	1.6E-19	2.3E-19	1.4E-19	3.8E-19	1.1E-14	2.5E-14	1.4E-15	1.4E-15	3.7E-21	2.3E-20	3.9E-14
Pesticides												
DDE				3.1E-09	3.8E-10					2.8E-11	1.7E-10	3.7E-09
Dieldrin		1.4E-08		1.7E-08						2.3E-13		3.1E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene							1.2E-08					1.2E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	7.1E-21						2.4E-13	5.5E-13	3.0E-14	3.0E-14		8.5E-13

Table H-399 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	9.8E-17	1.3E-15	1.9E-15	1.6E-15	4.4E-15	6.5E-12	1.5E-11	8.1E-13	8.1E-13	1.3E-20	8.2E-20	2.3E-11
Butyl benzyl phthalate	4.8E-18	8.8E-20	1.2E-19	1.0E-19	2.9E-19							5.4E-18
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	7.5E-18					1.4E-11	3.2E-11	1.7E-12	1.7E-12			5.0E-11
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	1.0E-21					1.4E-14	3.3E-14	1.8E-15	1.8E-15			5.1E-14
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	4.6E-19											4.6E-19
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	1.1E-20					5.9E-13	1.4E-12	7.4E-14	7.4E-14			2.1E-12
1,2-Dichloroethane	1.5E-20					1.0E-12	2.4E-12	3.7E-10	3.7E-10			7.5E-10
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												

Table H-399 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone												
Benzene	1.6E-18					1.2E-08	2.2E-10	1.1E-09	1.1E-09			1.5E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	2.8E-22					5.0E-14	1.2E-13	6.3E-15	6.3E-15			1.8E-13
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	1.3E-22					1.2E-08	4.3E-14	1.3E-09	1.3E-09			1.5E-08
Chlorobenzene												
Chlorodibromomethane	2.2E-20											2.2E-20
Chloroethane												
Chloroform	1.2E-21					1.1E-08	1.5E-12	7.9E-10	7.9E-10			1.2E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	2.3E-19					1.9E-09	1.6E-11	8.7E-13	8.7E-13			1.9E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	7.4E-22					2.6E-15	6.0E-15	3.2E-16	3.2E-16			9.2E-15
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	2.0E-23					4.5E-16	1.0E-15	5.6E-17	5.6E-17			1.6E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	4.5E-24					2.1E-09	9.8E-16	5.3E-17	5.3E-17			2.1E-09

Table H-399 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane												
Vinyl chloride	4.9E-21					1.9E-10	7.2E-13	3.9E-14	3.9E-14			1.9E-10
Grand Total	4.5E-13	1.2E-06	9.8E-09	1.1E-06	4.7E-08	5.3E-08	7.4E-06	3.8E-09	3.8E-09	5.4E-10	3.0E-09	9.8E-06

Table H-400 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					6.3E-05	4.0E+00	7.9E-06	7.9E-06			4.0E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				9.4E-03	2.4E-02					9.2E-05	5.1E-04	3.4E-02
Antimony	3.9E-14			1.1E-03	1.2E-03							2.3E-03

Table H-400 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	6.5E-04	1.5E-03	1.5E-03	7.2E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	2.5E-06	2.6E-05	1.1E-02
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt				6.0E-02	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	1.5E-04	6.7E-04	1.9E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				2.5E-02	5.7E-02							8.1E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.4E-04	8.9E-04	1.0E-03
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.0E-02	4.0E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	2.2E-04	9.5E-04	6.1E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Thallium (Soluble Salts)					1.4E-02							1.4E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-400 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12	9.4E-06		8.5E-06		5.0E-05	1.1E-04	6.2E-06	6.2E-06	8.2E-05	5.0E-04	7.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
DDE												
Dieldrin		1.2E-03		1.5E-03								2.7E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.4E-02						1.4E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09

Table H-400 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.6E-02						1.6E-02
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	9.1E-07	1.4E-04	1.4E-04			2.9E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												

Table H-400 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					3.7E-03	6.7E-05	3.2E-04	3.2E-04			4.4E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.4E-03	5.0E-09	1.5E-04	1.5E-04			1.7E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					3.3E-04	4.6E-08	2.4E-05	2.4E-05			3.8E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					5.3E-05	4.5E-07	2.4E-08	2.4E-08			5.3E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					1.8E-02	8.4E-09	4.5E-10	4.5E-10			1.8E-02

Table H-400 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					3.0E-05	1.1E-07	6.2E-09	6.2E-09			3.0E-05
Grand Total	4.8E-09	1.9E-03	1.5E-03	1.2E-01	2.7E-01	5.6E-02	4.0E+00	1.0E-03	1.0E-03	6.9E-04	3.6E-03	4.5E+00

Table H-401 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						4.5E-11	1.1E-10	5.7E-12	5.7E-12			1.6E-10
Formaldehyde						1.1E-10	5.0E-06	1.4E-11	1.4E-11			5.0E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.7E-17	1.4E-14	2.0E-14	5.5E-14	1.5E-13	4.6E-12	1.1E-11	5.8E-13	5.8E-13	7.9E-19	4.9E-18	1.7E-11
1,2,3,4,6,7,8-HpCDF	1.7E-17	1.4E-14	2.0E-14	5.6E-14	1.6E-13	4.7E-12	1.1E-11	5.8E-13	5.8E-13	8.0E-19	4.9E-18	1.7E-11
1,2,3,4,7,8,9-HpCDF	2.7E-18	1.6E-15	2.3E-15	6.4E-15	1.8E-14	5.9E-13	1.4E-12	7.4E-14	7.4E-14	9.1E-20	5.6E-19	2.1E-12
1,2,3,4,7,8-HxCDD	2.0E-16	1.6E-14	2.2E-14	6.2E-14	1.7E-13	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.9E-19	5.5E-18	2.0E-11
1,2,3,4,7,8-HxCDF	1.4E-15	1.3E-13	1.8E-13	5.0E-13	1.4E-12	4.5E-11	1.0E-10	5.6E-12	5.6E-12	7.1E-18	4.4E-17	1.6E-10
1,2,3,6,7,8-HxCDD	4.0E-16	3.2E-14	4.5E-14	1.3E-13	3.6E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.8E-18	1.1E-17	4.2E-11
1,2,3,6,7,8-HxCDF	5.2E-16	4.1E-14	5.8E-14	1.6E-13	4.5E-13	1.5E-11	3.4E-11	1.8E-12	1.8E-12	2.3E-18	1.4E-17	5.3E-11
1,2,3,7,8,9-HxCDD	5.5E-16	5.1E-14	7.1E-14	2.0E-13	5.6E-13	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.9E-18	1.8E-17	6.4E-11
1,2,3,7,8,9-HxCDF	4.4E-17	2.9E-15	4.1E-15	1.2E-14	3.2E-14	1.1E-12	2.6E-12	1.4E-13	1.4E-13	1.7E-19	1.0E-18	4.0E-12
1,2,3,7,8-PeCDD	1.3E-14	1.8E-13	2.5E-13	7.1E-13	2.0E-12	7.0E-11	1.6E-10	8.8E-12	8.8E-12	1.0E-17	6.2E-17	2.5E-10
1,2,3,7,8-PeCDF	8.9E-16	1.1E-14	1.5E-14	4.1E-14	1.2E-13	5.0E-12	1.2E-11	6.2E-13	6.2E-13	5.9E-19	3.7E-18	1.8E-11
2,3,4,6,7,8-HxCDF	7.6E-16	6.4E-14	9.0E-14	2.5E-13	7.1E-13	2.3E-11	5.2E-11	2.8E-12	2.8E-12	3.6E-18	2.2E-17	8.2E-11
2,3,4,7,8-PeCDF	1.4E-14	2.5E-13	3.5E-13	9.9E-13	2.8E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	1.4E-17	8.8E-17	4.0E-10
2,3,7,8-TCDD	4.5E-15	3.7E-14	5.2E-14	1.5E-13	4.1E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	1.4E-15	8.9E-15	1.0E-10
2,3,7,8-TCDF	1.5E-15	6.7E-15	9.3E-15	2.6E-14	7.4E-14	1.0E-11	2.4E-11	1.3E-12	1.3E-12	3.8E-19	2.3E-18	3.7E-11
OCDD	2.3E-21	9.4E-17	1.3E-16	3.7E-16	1.0E-15	3.1E-14	7.1E-14	3.8E-15	3.8E-15	5.3E-21	3.3E-20	1.1E-13
OCDF	8.4E-22	3.6E-17	5.1E-17	1.4E-16	4.0E-16	1.1E-14	2.6E-14	1.4E-15	1.4E-15	2.1E-21	1.3E-20	4.1E-14
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-401 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.7E-17	4.2E-09	3.9E-09	9.9E-09	1.8E-08	3.6E-11	8.4E-11	4.6E-12	4.6E-12	2.3E-12	9.5E-12	3.7E-08
Barium												
Beryllium						1.5E-12	3.4E-12	1.8E-13	1.8E-13	1.8E-21	1.1E-20	5.2E-12
Cadmium						1.9E-11	4.5E-11	2.4E-12	2.4E-12	1.0E-21	6.3E-21	6.9E-11
Chromium												
Cobalt						1.3E-09	2.9E-09	1.6E-10	1.6E-10	1.1E-10	8.8E-10	5.5E-09
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						1.3E-11	3.0E-11	1.6E-12	1.6E-12	7.2E-11	5.3E-10	6.5E-10
Phosphorus												
Selenium												
Silver												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		9.9E-20	1.4E-19	9.0E-20	2.5E-19							5.8E-19
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	6.4E-14	9.3E-08	2.4E-14	8.5E-08	4.4E-14	4.7E-12	1.1E-11	5.9E-13	5.9E-13	1.9E-10	1.2E-09	1.8E-07
Benzo(a)pyrene	3.2E-13	7.9E-07	1.4E-08	7.1E-07	2.5E-08	1.8E-11	4.3E-11	2.3E-12	2.3E-12	5.3E-12	4.1E-13	1.5E-06
Benzo(b)fluoranthene	8.7E-15	1.3E-07	1.2E-09	1.2E-07	2.3E-09	2.1E-12	4.8E-12	2.6E-13	2.6E-13	8.6E-13	3.7E-14	2.5E-07
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-401 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene	6.4E-18	6.9E-09	6.6E-17	6.3E-09	1.2E-16	1.8E-14	4.2E-14	2.3E-15	2.3E-15	4.6E-13	2.0E-20	1.3E-08
Biphenyl				3.8E-19	1.1E-18							1.4E-18
Chrysene	1.1E-16	9.8E-10	3.0E-16	8.9E-10	5.5E-16	8.0E-13	1.9E-12	1.0E-13	1.0E-13	6.6E-14	8.9E-20	1.9E-09
Dibenze(a,h)anthracene	1.6E-14	1.5E-07	3.8E-14	1.4E-07	7.0E-14	3.2E-12	7.3E-12	4.0E-13	4.0E-13	1.1E-12	1.2E-18	2.9E-07
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	3.9E-15	2.0E-08	1.1E-14	1.8E-08	2.0E-14	9.7E-13	2.2E-12	1.2E-13	1.2E-13	1.4E-13	3.3E-19	3.8E-08
Napthalene						7.2E-11	1.7E-10	9.0E-12	9.0E-12	1.2E-10	7.4E-10	1.1E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	6.1E-18	3.5E-19	4.9E-19	3.0E-19	8.4E-19	2.7E-14	6.1E-14	3.3E-15	3.3E-15	8.0E-21	4.9E-20	9.4E-14
Heptachlorobiphenyl	6.5E-18	1.2E-18	1.6E-18	9.8E-19	2.7E-18	1.0E-14	2.4E-14	1.3E-15	1.3E-15	1.4E-20	8.7E-20	3.7E-14
Hexachlorobiphenyl	2.6E-17	5.2E-18	7.3E-18	4.4E-18	1.2E-17	4.3E-14	1.0E-13	5.4E-15	5.4E-15	6.4E-20	3.9E-19	1.5E-13
Monochlorobiphenyl	4.2E-17	2.5E-18	3.4E-18	2.1E-18	5.8E-18	1.8E-13	4.3E-13	2.3E-14	2.3E-14	5.5E-20	3.4E-19	6.6E-13
Nonachlorobiphenyl	8.1E-19	2.0E-19	2.9E-19	1.7E-19	4.8E-19	1.5E-15	3.4E-15	1.8E-16	1.8E-16	2.5E-21	1.5E-20	5.2E-15
Octachlorobiphenyl	1.9E-18	3.8E-19	5.2E-19	3.2E-19	8.9E-19	3.2E-15	7.3E-15	4.0E-16	4.0E-16	4.6E-21	2.8E-20	1.1E-14
Pentachlorobiphenyl	8.8E-17	1.9E-17	2.6E-17	1.6E-17	4.4E-17	1.5E-13	3.4E-13	1.9E-14	1.9E-14	2.3E-19	1.4E-18	5.3E-13
Tetrachlorobiphenyl	1.8E-18	1.4E-19	1.9E-19	1.1E-19	3.2E-19	8.6E-15	2.0E-14	1.1E-15	1.1E-15	3.0E-21	1.9E-20	3.1E-14
Trichlorobiphenyl	2.4E-18	1.6E-19	2.3E-19	1.4E-19	3.8E-19	1.1E-14	2.5E-14	1.4E-15	1.4E-15	3.7E-21	2.3E-20	3.9E-14
Pesticides												
DDE				3.1E-09	1.3E-09					2.8E-11	1.7E-10	4.7E-09
Dieldrin		1.4E-08		1.7E-08						2.3E-13		3.1E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene							1.2E-08					1.2E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	7.1E-21						2.4E-13	5.5E-13	3.0E-14	3.0E-14		8.5E-13
2,4-Dimethylphenol												

Table H-401 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	9.8E-17	1.3E-15	1.9E-15	1.6E-15	4.4E-15	6.5E-12	1.5E-11	8.1E-13	8.1E-13	1.3E-20	8.2E-20	2.3E-11
Butyl benzyl phthalate	4.8E-18	8.8E-20	1.2E-19	1.0E-19	2.9E-19							5.4E-18
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	7.5E-18					1.4E-11	3.2E-11	1.7E-12	1.7E-12			5.0E-11
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	1.0E-21					1.4E-14	3.3E-14	1.8E-15	1.8E-15			5.1E-14
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	4.6E-19											4.6E-19
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	1.1E-20					5.9E-13	1.4E-12	7.4E-14	7.4E-14			2.1E-12
1,2-Dichloroethane	1.5E-20					1.0E-12	2.4E-12	3.7E-10	3.7E-10			7.5E-10
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-401 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	1.6E-18					1.2E-08	2.2E-10	1.1E-09	1.1E-09			1.5E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	2.8E-22					5.0E-14	1.2E-13	6.3E-15	6.3E-15			1.8E-13
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	1.3E-22					1.2E-08	4.3E-14	1.3E-09	1.3E-09			1.5E-08
Chlorobenzene												
Chlorodibromomethane	2.2E-20											2.2E-20
Chloroethane												
Chloroform	1.2E-21					1.1E-08	1.5E-12	7.9E-10	7.9E-10			1.2E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	2.3E-19					1.9E-09	1.6E-11	8.7E-13	8.7E-13			1.9E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	7.4E-22					2.6E-15	6.0E-15	3.2E-16	3.2E-16			9.2E-15
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	2.0E-23					4.5E-16	1.0E-15	5.6E-17	5.6E-17			1.6E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	4.5E-24					2.1E-09	9.8E-16	5.3E-17	5.3E-17			2.1E-09
Trichlorofluoromethane												

Table H-401 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Vinyl chloride	4.9E-21					1.9E-10	7.2E-13	3.9E-14	3.9E-14			1.9E-10
Grand Total	4.5E-13	1.2E-06	1.9E-08	1.1E-06	4.7E-08	5.3E-08	5.0E-06	3.8E-09	3.8E-09	5.4E-10	3.5E-09	7.4E-06

Table H-402 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					6.3E-05	2.7E+00	7.9E-06	7.9E-06			2.7E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				9.4E-03	1.9E-02					9.2E-05	4.1E-04	2.9E-02
Antimony	3.9E-14			1.1E-03	4.2E-04							1.5E-03

Table H-402 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	6.5E-04	6.1E-04	1.5E-03	2.9E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	2.5E-06	1.0E-05	5.8E-03
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt				6.0E-02	2.1E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	1.5E-04	1.1E-03	2.8E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				2.5E-02	6.2E-02							8.6E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.4E-04	8.9E-04	1.0E-03
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.0E-02	6.6E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	2.2E-04	1.6E-03	8.8E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-402 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12	9.4E-06		8.5E-06		5.0E-05	1.1E-04	6.2E-06	6.2E-06	8.2E-05	5.0E-04	7.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
DDE												
Dieldrin		1.2E-03		1.5E-03								2.7E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.4E-02						1.4E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-402 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.6E-02						1.6E-02
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	9.1E-07	1.4E-04	1.4E-04			2.9E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07

Table H-402 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					3.7E-03	6.7E-05	3.2E-04	3.2E-04			4.4E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.4E-03	5.0E-09	1.5E-04	1.5E-04			1.7E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					3.3E-04	4.6E-08	2.4E-05	2.4E-05			3.8E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					5.3E-05	4.5E-07	2.4E-08	2.4E-08			5.3E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					1.8E-02	8.4E-09	4.5E-10	4.5E-10			1.8E-02
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-402 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					3.0E-05	1.1E-07	6.2E-09	6.2E-09			3.0E-05
Grand Total	4.8E-09	1.9E-03	6.1E-04	1.2E-01	3.6E-01	5.6E-02	2.8E+00	1.0E-03	1.0E-03	6.9E-04	4.5E-03	3.3E+00

Table H-403 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						4.5E-11	1.6E-09	5.7E-12	5.4E-10			2.2E-09
Formaldehyde						1.1E-10	3.8E-09	1.4E-11	1.3E-09			5.2E-09
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.7E-17	1.4E-14	2.6E-13	5.5E-14	2.1E-12	4.6E-12	1.8E-10	5.8E-13	6.1E-11	7.9E-19	6.5E-17	2.5E-10
1,2,3,4,6,7,8-HpCDF	1.7E-17	1.4E-14	2.6E-13	5.6E-14	2.1E-12	4.7E-12	1.8E-10	5.8E-13	6.2E-11	8.0E-19	6.5E-17	2.5E-10
1,2,3,4,7,8,9-HpCDF	2.7E-18	1.6E-15	3.2E-14	6.4E-15	2.5E-13	5.9E-13	2.4E-11	7.4E-14	8.0E-12	9.1E-20	7.9E-18	3.3E-11
1,2,3,4,7,8-HxCDD	2.0E-16	1.6E-14	3.1E-13	6.2E-14	2.4E-12	5.5E-12	2.2E-10	6.9E-13	7.4E-11	8.9E-19	7.6E-17	3.1E-10
1,2,3,4,7,8-HxCDF	1.4E-15	1.3E-13	2.4E-12	5.0E-13	1.9E-11	4.5E-11	1.8E-09	5.6E-12	6.0E-10	7.1E-18	6.0E-16	2.5E-09
1,2,3,6,7,8-HxCDD	4.0E-16	3.2E-14	6.3E-13	1.3E-13	4.9E-12	1.2E-11	4.7E-10	1.5E-12	1.6E-10	1.8E-18	1.6E-16	6.5E-10
1,2,3,6,7,8-HxCDF	5.2E-16	4.1E-14	8.0E-13	1.6E-13	6.3E-12	1.5E-11	5.9E-10	1.8E-12	2.0E-10	2.3E-18	2.0E-16	8.1E-10
1,2,3,7,8,9-HxCDD	5.5E-16	5.1E-14	9.8E-13	2.0E-13	7.8E-12	1.8E-11	7.1E-10	2.2E-12	2.4E-10	2.9E-18	2.4E-16	9.8E-10
1,2,3,7,8,9-HxCDF	4.4E-17	2.9E-15	5.8E-14	1.2E-14	4.6E-13	1.1E-12	4.6E-11	1.4E-13	1.5E-11	1.7E-19	1.4E-17	6.3E-11
1,2,3,7,8-PeCDD	1.3E-14	1.8E-13	3.5E-12	7.1E-13	2.8E-11	7.0E-11	2.9E-09	8.8E-12	9.5E-10	1.0E-17	8.7E-16	3.9E-09
1,2,3,7,8-PeCDF	8.9E-16	1.1E-14	2.1E-13	4.1E-14	1.6E-12	5.0E-12	2.0E-10	6.2E-13	6.8E-11	5.9E-19	5.2E-17	2.8E-10
2,3,4,6,7,8-HxCDF	7.6E-16	6.4E-14	1.2E-12	2.5E-13	9.6E-12	2.3E-11	9.0E-10	2.8E-12	3.0E-10	3.6E-18	3.0E-16	1.2E-09
2,3,4,7,8-PeCDF	1.4E-14	2.5E-13	4.9E-12	9.9E-13	3.9E-11	1.1E-10	4.6E-09	1.4E-11	1.5E-09	1.4E-17	1.2E-15	6.3E-09
2,3,7,8-TCDD	4.5E-15	3.7E-14	5.3E-13	1.5E-13	4.2E-12	2.8E-11	9.4E-10	3.5E-12	3.1E-10	1.4E-15	9.2E-14	1.3E-09
2,3,7,8-TCDF	1.5E-15	6.7E-15	1.3E-13	2.6E-14	1.1E-12	1.0E-11	4.3E-10	1.3E-12	1.4E-10	3.8E-19	3.3E-17	5.8E-10
OCDD	2.3E-21	9.4E-17	1.7E-15	3.7E-16	1.4E-14	3.1E-14	1.2E-12	3.8E-15	4.0E-13	5.3E-21	4.3E-19	1.7E-12
OCDF	8.4E-22	3.6E-17	6.5E-16	1.4E-16	5.1E-15	1.1E-14	4.5E-13	1.4E-15	1.5E-13	2.1E-21	1.6E-19	6.1E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-403 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.7E-17	4.2E-09	1.0E-18	9.9E-09	4.9E-18	3.6E-11	1.3E-09	4.6E-12	4.3E-10	2.3E-12	2.5E-21	1.6E-08
Barium												
Beryllium						1.5E-12	5.0E-11	1.8E-13	1.7E-11	1.8E-21	1.5E-19	6.8E-11
Cadmium						1.9E-11	6.8E-10	2.4E-12	2.3E-10	1.0E-21	8.7E-20	9.3E-10
Chromium												
Cobalt						1.3E-09	2.3E-08	1.6E-10	7.7E-09	1.1E-10	7.8E-14	3.2E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						1.3E-11	4.4E-10	1.6E-12	1.5E-10	7.2E-11	6.2E-20	6.8E-10
Phosphorus												
Selenium												
Silver												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		9.9E-20	2.0E-18	9.0E-20	3.7E-18							5.9E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	6.4E-14	9.3E-08	3.8E-13	8.5E-08	7.0E-13	4.7E-12	2.0E-10	5.9E-13	6.8E-11	1.9E-10	3.5E-15	1.8E-07
Benzo(a)pyrene	3.2E-13	7.9E-07	1.7E-12	7.1E-07	3.0E-12	1.8E-11	7.7E-10	2.3E-12	2.6E-10	5.3E-12	4.9E-17	1.5E-06
Benzo(b)fluoranthene	8.7E-15	1.3E-07	8.9E-15	1.2E-07	1.6E-14	2.1E-12	8.3E-11	2.6E-13	2.8E-11	8.6E-13	2.6E-19	2.4E-07
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-403 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Outdoor Vapors at CJ	Inhalation of Outdoor Vapors at Home	Grand Total
Benzo(k)fluoranthene	6.4E-18	6.9E-09	4.4E-16	6.3E-09	7.9E-16	1.8E-14	3.3E-13	2.3E-15	1.1E-13	4.6E-13	1.3E-19	1.3E-08
Biphenyl				3.8E-19	1.6E-17							1.6E-17
Chrysene	1.1E-16	9.8E-10	4.4E-15	8.9E-10	8.0E-15	8.0E-13	3.3E-11	1.0E-13	1.1E-11	6.6E-14	1.3E-18	1.9E-09
Dibenze(a,h)anthracene	1.6E-14	1.5E-07	5.5E-13	1.4E-07	1.0E-12	3.2E-12	1.3E-10	4.0E-13	4.4E-11	1.1E-12	1.8E-17	2.9E-07
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	3.9E-15	2.0E-08	1.6E-13	1.8E-08	2.9E-13	9.7E-13	4.0E-11	1.2E-13	1.3E-11	1.4E-13	4.7E-18	3.9E-08
Napthalene						7.2E-11	3.0E-09	9.0E-12	1.0E-09	1.2E-10		4.2E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	6.1E-18	3.5E-19	7.0E-18	3.0E-19	1.2E-17	2.7E-14	1.1E-12	3.3E-15	3.6E-13	8.0E-21	7.0E-19	1.5E-12
Heptachlorobiphenyl	6.5E-18	1.2E-18	2.2E-17	9.8E-19	3.8E-17	1.0E-14	4.2E-13	1.3E-15	1.4E-13	1.4E-20	1.2E-18	5.7E-13
Hexachlorobiphenyl	2.6E-17	5.2E-18	9.4E-17	4.4E-18	1.6E-16	4.3E-14	1.7E-12	5.4E-15	5.6E-13	6.4E-20	5.1E-18	2.3E-12
Monochlorobiphenyl	4.2E-17	2.5E-18	4.9E-17	2.1E-18	8.3E-17	1.8E-13	7.6E-12	2.3E-14	2.5E-12	5.5E-20	4.9E-18	1.0E-11
Nonachlorobiphenyl	8.1E-19	2.0E-19	3.2E-18	1.7E-19	5.4E-18	1.5E-15	5.2E-14	1.8E-16	1.7E-14	2.5E-21	1.7E-19	7.1E-14
Octachlorobiphenyl	1.9E-18	3.8E-19	6.8E-18	3.2E-19	1.2E-17	3.2E-15	1.2E-13	4.0E-16	4.1E-14	4.6E-21	3.7E-19	1.7E-13
Pentachlorobiphenyl	8.8E-17	1.9E-17	3.2E-16	1.6E-17	5.4E-16	1.5E-13	5.6E-12	1.9E-14	1.9E-12	2.3E-19	1.7E-17	7.7E-12
Tetrachlorobiphenyl	1.8E-18	1.4E-19	2.3E-18	1.1E-19	3.9E-18	8.6E-15	3.2E-13	1.1E-15	1.1E-13	3.0E-21	2.3E-19	4.4E-13
Trichlorobiphenyl	2.4E-18	1.6E-19	2.9E-18	1.4E-19	4.9E-18	1.1E-14	4.2E-13	1.4E-15	1.4E-13	3.7E-21	2.9E-19	5.8E-13
Pesticides												
DDE				3.1E-09						2.8E-11		3.1E-09
Dieldrin		1.4E-08		1.7E-08						2.3E-13		3.1E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene							1.2E-08					1.2E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	7.1E-21						2.4E-13	1.1E-11	3.0E-14	3.6E-12		1.5E-11
2,4-Dimethylphenol												

Table H-403 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	9.8E-17	1.3E-15	2.4E-14	1.6E-15	5.7E-14	6.5E-12	2.5E-10	8.1E-13	8.5E-11	1.3E-20	1.1E-18	3.5E-10
Butyl benzyl phthalate	4.8E-18	8.8E-20	1.8E-18	1.0E-19	4.3E-18							1.1E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	7.5E-18					1.4E-11	2.5E-10	1.7E-12	8.3E-11			3.5E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	1.0E-21					1.4E-14	4.8E-13	1.8E-15	1.6E-13			6.6E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	4.6E-19											4.6E-19
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	1.1E-20					5.9E-13	1.1E-11	7.4E-14	3.5E-12			1.5E-11
1,2-Dichloroethane	1.5E-20					1.0E-12	3.9E-11	3.7E-10	1.3E-11			4.2E-10
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-403 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	1.6E-18					1.2E-08	3.8E-09	1.1E-09	1.3E-09			1.8E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	2.8E-22					5.0E-14	9.0E-13	6.3E-15	3.0E-13			1.3E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	1.3E-22					1.2E-08	3.3E-13	1.3E-09	1.1E-13			1.3E-08
Chlorobenzene												
Chlorodibromomethane	2.2E-20											2.2E-20
Chloroethane												
Chloroform	1.2E-21					1.1E-08	1.3E-11	7.9E-10	4.2E-12			1.1E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	2.3E-19					1.9E-09	2.6E-10	8.7E-13	8.8E-11			2.2E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	7.4E-22					2.6E-15	9.5E-14	3.2E-16	3.2E-14			1.3E-13
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	2.0E-23					4.5E-16	1.6E-14	5.6E-17	5.2E-15			2.1E-14
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	4.5E-24					2.1E-09	7.6E-15	5.3E-17	2.5E-15			2.1E-09
Trichlorofluoromethane												

Table H-403 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	4.9E-21					1.9E-10	7.6E-12	3.9E-14	2.5E-12			2.0E-10
Grand Total	4.5E-13	1.2E-06	1.9E-11	1.1E-06	1.3E-10	5.3E-08	5.4E-08	3.8E-09	1.8E-08	5.4E-10	1.8E-13	2.4E-06

Table H-404 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	1.5E-03	5.2E-06	5.0E-04			2.0E-03
Aldehydes												
Acetaldehyde						1.6E-04	5.8E-03	2.0E-05	1.9E-03			7.9E-03
Formaldehyde	2.3E-12					6.3E-05	2.1E-03	7.9E-06	6.9E-04			2.8E-03
Propionaldehyde						2.0E-05	7.2E-04	2.5E-06	2.4E-04	2.1E-12	1.5E-10	9.8E-04
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.5E-07	2.0E-07	5.9E-06	1.3E-06	4.3E-05	1.6E-07	1.4E-05	1.2E-10	7.8E-09	6.6E-05
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	7.7E-03	2.5E-05	2.6E-03			1.1E-02
Metals												
Aluminum				9.4E-03						9.2E-05		9.5E-03
Antimony	3.9E-14			1.1E-03								1.1E-03

Table H-404 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	6.5E-04	1.6E-13	1.5E-03	7.6E-13	4.0E-05	1.4E-03	4.9E-06	4.7E-04	2.5E-06	2.7E-15	4.1E-03
Barium	1.2E-11			1.6E-08	5.4E-07	2.5E-04	6.8E-03	3.1E-05	2.3E-03	3.1E-10	2.3E-08	9.3E-03
Beryllium	1.7E-14			5.2E-13	2.0E-11	2.1E-06	7.3E-05	2.7E-07	2.4E-05	2.6E-15	2.1E-13	9.9E-05
Cadmium	8.3E-12			8.2E-13	3.1E-11	7.6E-05	2.6E-03	9.5E-06	8.8E-04	4.0E-15	3.4E-13	3.6E-03
Chromium	1.7E-15			5.5E-11	2.2E-09							2.2E-09
Cobalt				6.0E-02	3.3E-05	1.6E-03	3.0E-02	2.0E-04	9.9E-03	1.5E-04	1.8E-07	1.0E-01
Copper				8.4E-09	3.2E-07							3.3E-07
Iron				2.5E-02								2.5E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.5E-09	7.8E-08	2.8E-06	9.8E-09	9.2E-07	5.6E-15	3.8E-13	3.8E-06
Mercury, elemental						3.3E-10	1.2E-08	4.1E-11	3.8E-09	1.4E-04		1.4E-04
Methyl Mercury	8.7E-11			2.0E-11	7.9E-10							8.9E-10
Nickel	1.7E-13			2.0E-02	7.8E-12	3.9E-05	1.3E-03	4.8E-06	4.4E-04	2.2E-04	1.9E-13	2.2E-02
Phosphorus				3.7E-10	1.4E-08							1.4E-08
Selenium	5.5E-14			8.1E-15	3.1E-13	8.7E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-20	8.4E-18	4.2E-07
Silver	4.2E-14			1.7E-10	6.2E-09							6.4E-09
Titanium												
Zinc	1.4E-11			6.1E-13	2.2E-11							3.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	6.9E-14	3.1E-15	1.3E-13							2.0E-13
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	1.2E-12	5.2E-14	2.1E-12							3.4E-12
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-404 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	2.8E-13	2.8E-04	1.2E-02	3.5E-05	3.9E-03	4.9E-12	4.5E-10	1.6E-02
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	3.4E-11	1.5E-12	6.3E-11							1.1E-10
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12	9.4E-06		8.5E-06		5.0E-05	2.1E-03	6.2E-06	6.9E-04	8.2E-05		2.9E-03
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.7E-10	7.6E-12	3.1E-10							5.1E-10
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.8E-10	7.8E-12	3.1E-10							6.0E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	7.2E-11	3.2E-12	1.2E-10	9.8E-10	3.9E-08	1.2E-10	1.3E-08	2.5E-15	2.1E-13	5.4E-08
Hexachlorobiphenyl	4.6E-11	1.7E-11	3.0E-10	1.4E-11	5.1E-10	4.1E-06	1.6E-04	5.1E-07	5.3E-05	1.1E-11	8.8E-10	2.2E-04
Monochlorobiphenyl	6.1E-10	6.4E-11	1.3E-09	5.4E-11	2.2E-09							4.2E-09
Nonachlorobiphenyl	1.4E-12	6.6E-13	1.0E-11	5.6E-13	1.7E-11							3.0E-11
Octachlorobiphenyl	3.4E-12	1.2E-12	2.2E-11	1.0E-12	3.7E-11							6.5E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	1.0E-09	5.1E-11	1.8E-09	4.6E-05	1.7E-03	5.7E-06	5.7E-04	1.3E-10	9.9E-09	2.3E-03
Tetrachlorobiphenyl	2.6E-11	3.5E-12	6.0E-11	3.0E-12	1.0E-10	2.3E-07	8.7E-06	2.9E-08	2.9E-06	1.5E-13	1.1E-11	1.2E-05
Trichlorobiphenyl	3.4E-11	4.3E-12	7.6E-11	3.6E-12	1.3E-10							2.5E-10
Pesticides												
DDE												
Dieldrin		1.2E-03		1.5E-03								2.7E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	4.3E-06	1.7E-08	1.4E-06			5.9E-06
1,2-dichlorobenzene	3.1E-17					5.4E-10	9.7E-09	6.8E-11	3.2E-09			1.4E-08
1,3-Butadiene						1.4E-02						1.4E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	8.5E-08	2.4E-10	2.8E-08			1.2E-07
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-404 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	3.9E-06	1.2E-08	1.3E-06			5.3E-06
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	6.0E-09	4.0E-10	1.4E-08							2.1E-08
Butyl benzyl phthalate	8.8E-13	1.6E-14	3.3E-13	1.9E-14	7.9E-13							2.0E-12
Carbazole												
Dibenzofuran		1.4E-13	2.9E-12	5.7E-13	2.3E-11							2.6E-11
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	6.7E-13	3.9E-14	1.6E-12							1.9E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	8.7E-12	1.1E-12	2.1E-11							3.1E-11
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol								1.6E-02				1.6E-02
Phenol	4.9E-13					1.5E-06	6.2E-05	1.9E-07	2.1E-05			8.5E-05
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	1.0E-09	3.3E-12	3.3E-10			1.4E-09
1,1-Dichloroethene	1.2E-19					1.3E-10	2.3E-09	1.6E-11	7.7E-10			3.2E-09
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	6.4E-06	4.5E-08	2.1E-06			9.0E-06
1,2,4-Trimethylbenzene						8.9E-07	2.8E-05	1.1E-07	9.4E-06			3.9E-05
1,2-Dibromoethane	4.1E-17					7.7E-09	1.4E-07	9.6E-10	4.6E-08			1.9E-07
1,2-Dichloroethane	1.9E-15					4.0E-07	1.5E-05	1.4E-04	5.0E-06			1.6E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	2.6E-07	8.3E-10	8.7E-08			3.6E-07
2-Chlorotoluene												
2-Hexanone						2.3E-07	8.2E-06	2.8E-08	2.7E-06			1.1E-05

Table H-404 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					3.7E-03	1.1E-03	3.2E-04	3.8E-04			5.5E-03
Bromobenzene						6.2E-07	1.1E-05	7.8E-08	3.7E-06			1.5E-05
Bromochloromethane						2.2E-09	3.9E-08	2.8E-10	1.3E-08			5.5E-08
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	2.3E-05	9.5E-08	7.6E-06			3.1E-05
Carbon disulfide	1.3E-17					4.8E-09	1.4E-07	6.0E-10	4.7E-08			1.9E-07
Carbon tetrachloride	3.4E-17					1.4E-03	3.9E-08	1.5E-04	1.3E-08			1.5E-03
Chlorobenzene	2.3E-15					9.6E-08	3.4E-06	1.2E-08	1.1E-06			4.7E-06
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	3.2E-08	1.1E-10	1.1E-08			4.3E-08
Chloroform	2.8E-16					3.3E-04	3.9E-07	2.4E-05	1.3E-07			3.5E-04
Chloromethane						3.4E-07	1.0E-05	4.3E-08	3.5E-06			1.4E-05
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	9.1E-07	6.4E-09	3.0E-07			1.3E-06
Dichlorodifluoromethane	2.4E-20					2.5E-09	4.4E-08	3.1E-10	1.5E-08			6.2E-08
Ethylbenzene	1.5E-14					5.3E-05	7.4E-06	2.4E-08	2.5E-06			6.2E-05
Isopropylbenzene	2.0E-17					3.9E-08	1.3E-06	4.9E-09	4.5E-07			1.8E-06
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.1E-09	1.5E-11	7.1E-10			3.0E-09
Methylene chloride	4.3E-15					3.0E-08	1.1E-06	3.8E-09	3.7E-07			1.5E-06
n-Butylbenzene												
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07			4.2E-07
o-Xylene	1.4E-15					2.3E-07	7.6E-06	2.9E-08	2.5E-06			1.0E-05
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.9E-05	6.4E-08	6.2E-06			2.5E-05
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	1.1E-07	3.8E-10	3.5E-08			1.4E-07
Toluene	2.0E-14					6.3E-08	2.5E-06	7.9E-09	8.3E-07			3.4E-06
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					1.8E-02	6.5E-08	4.5E-10	2.2E-08			1.8E-02
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-404 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					3.0E-05	1.2E-06	6.2E-09	4.0E-07			3.1E-05
Grand Total	4.8E-09	1.9E-03	7.6E-07	1.2E-01	4.0E-05	5.6E-02	7.7E-02	1.0E-03	2.6E-02	6.9E-04	2.2E-07	2.8E-01

Table H-405 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			4.5E-11	5.7E-12		5.1E-11
Formaldehyde			1.1E-10	1.4E-11		1.3E-10
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	1.4E-14	5.5E-14	4.6E-12	5.8E-13	7.9E-19	5.2E-12
1,2,3,4,6,7,8-HpCDF	1.4E-14	5.6E-14	4.7E-12	5.8E-13	8.0E-19	5.3E-12
1,2,3,4,7,8,9-HpCDF	1.6E-15	6.4E-15	5.9E-13	7.4E-14	9.1E-20	6.7E-13
1,2,3,4,7,8-HxCDD	1.6E-14	6.2E-14	5.5E-12	6.9E-13	8.9E-19	6.3E-12
1,2,3,4,7,8-HxCDF	1.3E-13	5.0E-13	4.5E-11	5.6E-12	7.1E-18	5.1E-11
1,2,3,6,7,8-HxCDD	3.2E-14	1.3E-13	1.2E-11	1.5E-12	1.8E-18	1.3E-11
1,2,3,6,7,8-HxCDF	4.1E-14	1.6E-13	1.5E-11	1.8E-12	2.3E-18	1.7E-11
1,2,3,7,8,9-HxCDD	5.1E-14	2.0E-13	1.8E-11	2.2E-12	2.9E-18	2.0E-11
1,2,3,7,8,9-HxCDF	2.9E-15	1.2E-14	1.1E-12	1.4E-13	1.7E-19	1.3E-12
1,2,3,7,8-PeCDD	1.8E-13	7.1E-13	7.0E-11	8.8E-12	1.0E-17	8.0E-11

Table H-405 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	1.1E-14	4.1E-14	5.0E-12	6.2E-13	5.9E-19	5.7E-12
2,3,4,6,7,8-HxCDF	6.4E-14	2.5E-13	2.3E-11	2.8E-12	3.6E-18	2.6E-11
2,3,4,7,8-PeCDF	2.5E-13	9.9E-13	1.1E-10	1.4E-11	1.4E-17	1.3E-10
2,3,7,8-TCDD	3.7E-14	1.5E-13	2.8E-11	3.5E-12	1.4E-15	3.2E-11
2,3,7,8-TCDF	6.7E-15	2.6E-14	1.0E-11	1.3E-12	3.8E-19	1.2E-11
OCDD	9.4E-17	3.7E-16	3.1E-14	3.8E-15	5.3E-21	3.5E-14
OCDF	3.6E-17	1.4E-16	1.1E-14	1.4E-15	2.1E-21	1.3E-14
HCN						
Hydrogen cyanide						
Metals						
Aluminum						
Antimony						
Arsenic	1.3E-08	3.0E-08	3.6E-11	4.6E-12	7.1E-12	4.3E-08
Barium						
Beryllium			1.5E-12	1.8E-13	1.8E-21	1.7E-12
Cadmium			1.9E-11	2.4E-12	1.0E-21	2.2E-11
Chromium						
Cobalt			1.3E-09	1.6E-10	2.0E-10	1.6E-09
Copper						
Iron						
Lead						
Manganese						
Mercury (+2)						

Table H-405 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental						
Methyl Mercury						
Nickel			1.3E-11	1.6E-12	1.1E-10	1.2E-10
Phosphorus						
Selenium						
Silver						
Thallium (Soluble Salts)						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	9.9E-20	9.0E-20				1.9E-19
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	9.3E-10	8.5E-10	4.7E-12	5.9E-13	1.9E-12	1.8E-09
Benzo(a)pyrene	8.8E-09	8.0E-09	1.8E-11	2.3E-12	5.9E-14	1.7E-08
Benzo(b)fluoranthene	1.4E-09	1.2E-09	2.1E-12	2.6E-13	9.2E-15	2.6E-09

Table H-405 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	7.4E-11	6.7E-11	1.8E-14	2.3E-15	4.9E-15	1.4E-10
Biphenyl		3.8E-19				3.8E-19
Chrysene	1.2E-11	1.1E-11	8.0E-13	1.0E-13	7.9E-16	2.3E-11
Dibenze(a,h)anthracene	2.1E-09	1.9E-09	3.2E-12	4.0E-13	1.5E-14	3.9E-09
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	5.9E-10	5.4E-10	9.7E-13	1.2E-13	4.0E-15	1.1E-09
Napthalene			7.2E-11	9.0E-12		8.1E-11
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	3.5E-19	3.0E-19	2.7E-14	3.3E-15	8.0E-21	3.0E-14
Heptachlorobiphenyl	1.2E-18	9.8E-19	1.0E-14	1.3E-15	1.4E-20	1.2E-14
Hexachlorobiphenyl	5.2E-18	4.4E-18	4.3E-14	5.4E-15	6.4E-20	4.9E-14
Monochlorobiphenyl	2.5E-18	2.1E-18	1.8E-13	2.3E-14	5.5E-20	2.1E-13
Nonachlorobiphenyl	2.0E-19	1.7E-19	1.5E-15	1.8E-16	2.5E-21	1.6E-15

Table H-405 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Octachlorobiphenyl	3.8E-19	3.2E-19	3.2E-15	4.0E-16	4.6E-21	3.6E-15
Pentachlorobiphenyl	1.9E-17	1.6E-17	1.5E-13	1.9E-14	2.3E-19	1.7E-13
Tetrachlorobiphenyl	1.4E-19	1.1E-19	8.6E-15	1.1E-15	3.0E-21	9.7E-15
Trichlorobiphenyl	1.6E-19	1.4E-19	1.1E-14	1.4E-15	3.7E-21	1.2E-14
Pesticides						
DDE		4.4E-10			4.0E-12	4.4E-10
Dieldrin	1.1E-10	1.3E-10			1.8E-15	2.3E-10
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-dichlorobenzene						
1,4-dichlorobenzene			2.4E-13	3.0E-14		2.7E-13
1,4-Dioxane			9.1E-09			9.1E-09
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	1.3E-15	1.6E-15	6.5E-12	8.1E-13	1.3E-20	7.3E-12

Table H-405 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Butyl benzyl phthalate	8.8E-20	1.0E-19				1.9E-19
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			1.4E-11	1.7E-12		1.6E-11
Isopropanol						
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			1.4E-14	1.8E-15		1.6E-14
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			5.9E-13	7.4E-14		6.7E-13
1,2-Dichloroethane			1.0E-12	3.7E-10		3.7E-10
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						

Table H-405 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
2-Butanone						
2-Chlorotoluene						
2-Hexanone						
Benzene			7.1E-09	1.1E-09		8.2E-09
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			5.0E-14	6.3E-15		5.7E-14
Bromomethane						
Carbon disulfide						
Carbon tetrachloride			1.1E-08	1.3E-09		1.2E-08
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			1.4E-08	7.9E-10		1.5E-08
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			1.3E-09	8.7E-13		1.3E-09
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						

Table H-405 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Methylene chloride			2.6E-15	3.2E-16		2.9E-15
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethene			4.5E-16	5.6E-17		5.1E-16
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			5.9E-10	5.3E-17		5.9E-10
Trichlorofluoromethane						
Vinyl chloride			8.8E-10	3.9E-14		8.8E-10
Grand Total	2.7E-08	4.3E-08	4.6E-08	3.8E-09	3.2E-10	1.2E-07

Table H-406 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			4.2E-05	5.2E-06		4.7E-05
Aldehydes						
Acetaldehyde			1.6E-04	2.0E-05		1.8E-04
Formaldehyde			6.3E-05	7.9E-06		7.1E-05
Propionaldehyde			2.0E-05	2.5E-06	2.1E-12	2.2E-05
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-406 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	5.2E-08	2.0E-07	1.3E-06	1.6E-07	1.2E-10	1.7E-06
2,3,7,8-TCDF						
OCDD						
OCDF						
HCN						
Hydrogen cyanide			2.0E-04	2.5E-05		2.2E-04
Metals						
Aluminum		1.1E-02			1.1E-04	1.1E-02
Antimony		6.4E-04				6.4E-04
Arsenic	2.0E-03	4.7E-03	4.0E-05	4.9E-06	7.7E-06	6.8E-03
Barium		1.6E-08	2.5E-04	3.1E-05	3.1E-10	2.8E-04
Beryllium		5.2E-13	2.1E-06	2.7E-07	2.6E-15	2.4E-06
Cadmium		8.2E-13	7.6E-05	9.5E-06	4.0E-15	8.5E-05
Chromium		5.5E-11				5.5E-11
Cobalt		1.0E-01	1.6E-03	2.0E-04	2.6E-04	1.1E-01
Copper		8.4E-09				8.4E-09
Iron		3.6E-02				3.6E-02
Lead						
Manganese						
Mercury (+2)		1.1E-10	7.8E-08	9.8E-09	5.6E-15	8.8E-08

Table H-406 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental			3.3E-10	4.1E-11	6.3E-03	6.3E-03
Methyl Mercury		2.0E-11				2.0E-11
Nickel		2.9E-02	3.9E-05	4.8E-06	3.2E-04	3.0E-02
Phosphorus		3.7E-10				3.7E-10
Selenium		8.1E-15	8.7E-09	1.1E-09	9.9E-20	9.8E-09
Silver		1.7E-10				1.7E-10
Thallium (Soluble Salts)		2.7E-02				2.7E-02
Titanium						
Zinc		6.1E-13				6.1E-13
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.4E-15	3.1E-15				6.5E-15
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	5.8E-14	5.2E-14				1.1E-13
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						

Table H-406 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						
Biphenyl		6.7E-15	2.8E-04	3.5E-05	4.9E-12	3.1E-04
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	1.7E-12	1.5E-12				3.2E-12
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene			5.0E-05	6.2E-06		5.6E-05
Perylene						
Phenanthrene						
Pyrene	8.3E-12	7.6E-12				1.6E-11
Particulate						
Particulate Total Suspended Partic						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	9.3E-12	7.8E-12				1.7E-11
Heptachlorobiphenyl	3.7E-12	3.2E-12	9.8E-10	1.2E-10	2.5E-15	1.1E-09
Hexachlorobiphenyl	1.7E-11	1.4E-11	4.1E-06	5.1E-07	1.1E-11	4.6E-06
Monochlorobiphenyl	6.4E-11	5.4E-11				1.2E-10
Nonachlorobiphenyl	6.6E-13	5.6E-13				1.2E-12

Table H-406 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Octachlorobiphenyl	1.2E-12	1.0E-12				2.2E-12
Pentachlorobiphenyl	6.1E-11	5.1E-11	4.6E-05	5.7E-06	1.3E-10	5.1E-05
Tetrachlorobiphenyl	3.5E-12	3.0E-12	2.3E-07	2.9E-08	1.5E-13	2.6E-07
Trichlorobiphenyl	4.3E-12	3.6E-12				7.8E-12
Pesticides						
DDE						
Dieldrin	9.4E-06	1.1E-05				2.1E-05
SVOCs						
1,2,4-trichlorobenzene			1.3E-07	1.7E-08		1.5E-07
1,2-dichlorobenzene			5.4E-10	6.8E-11		6.1E-10
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.9E-09	2.4E-10		2.1E-09
1,4-Dioxane			4.3E-03			4.3E-03
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			9.3E-08	1.2E-08		1.0E-07
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-10	4.0E-10				7.4E-10

Table H-406 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Butyl benzyl phthalate	1.6E-14	1.9E-14				3.6E-14
Carbazole						
Dibenzofuran	1.4E-13	5.7E-13				7.1E-13
Dimethyl phthalate						
Di-n-butyl phthalate	3.3E-14	3.9E-14				7.1E-14
Di-n-octyl phthalate	9.4E-13	1.1E-12				2.1E-12
Hexachlorobutadiene						
Isopropanol			1.0E-02			1.0E-02
Phenol			1.5E-06	1.9E-07		1.7E-06
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			2.7E-11	3.3E-12		3.0E-11
1,1-Dichloroethene			1.3E-10	1.6E-11		1.5E-10
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.6E-07	4.5E-08		4.1E-07
1,2,4-Trimethylbenzene			8.9E-07	1.1E-07		1.0E-06
1,2-Dibromoethane			7.7E-09	9.6E-10		8.6E-09
1,2-Dichloroethane			4.0E-07	1.4E-04		1.4E-04
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						

Table H-406 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
2-Butanone			6.6E-09	8.3E-10		7.4E-09
2-Chlorotoluene						
2-Hexanone			2.3E-07	2.8E-08		2.5E-07
Benzene			2.1E-03	3.2E-04		2.5E-03
Bromobenzene			6.2E-07	7.8E-08		7.0E-07
Bromochloromethane			2.2E-09	2.8E-10		2.5E-09
Bromodichloromethane						
Bromomethane			7.6E-07	9.5E-08		8.6E-07
Carbon disulfide			4.8E-09	6.0E-10		5.4E-09
Carbon tetrachloride			1.3E-03	1.5E-04		1.5E-03
Chlorobenzene			9.6E-08	1.2E-08		1.1E-07
Chlorodibromomethane						
Chloroethane			9.1E-10	1.1E-10		1.0E-09
Chloroform			4.4E-04	2.4E-05		4.7E-04
Chloromethane			3.4E-07	4.3E-08		3.9E-07
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			5.1E-08	6.4E-09		5.7E-08
Dichlorodifluoromethane			2.5E-09	3.1E-10		2.8E-09
Ethylbenzene			3.7E-05	2.4E-08		3.7E-05
Isopropylbenzene			3.9E-08	4.9E-09		4.4E-08
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.2E-10	1.5E-11		1.3E-10

Table H-406 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Methylene chloride			3.0E-08	3.8E-09		3.4E-08
n-Butylbenzene						
n-Propylbenzene			9.4E-09	1.2E-09		1.1E-08
o-Xylene			2.3E-07	2.9E-08		2.6E-07
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			5.1E-07	6.4E-08		5.7E-07
tert-Butylbenzene						
Tetrachloroethene			3.0E-09	3.8E-10		3.4E-09
Toluene			6.3E-08	7.9E-09		7.1E-08
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			5.0E-03	4.5E-10		5.0E-03
Trichlorofluoromethane						
Vinyl chloride			1.4E-04	6.2E-09		1.4E-04
Grand Total	2.0E-03	2.1E-01	2.6E-02	1.0E-03	7.0E-03	2.5E-01

Table H-407 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						4.5E-11	1.1E-10	5.7E-12	5.7E-12			1.6E-10
Formaldehyde						1.1E-10	2.6E-10	1.4E-11	1.4E-11			4.1E-10
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.7E-17	1.4E-14	2.0E-14	5.5E-14	1.5E-13	4.6E-12	1.1E-11	5.8E-13	5.8E-13	7.9E-19	4.9E-18	1.7E-11
1,2,3,4,6,7,8-HpCDF	1.7E-17	1.4E-14	2.0E-14	5.6E-14	1.6E-13	4.7E-12	1.1E-11	5.8E-13	5.8E-13	8.0E-19	4.9E-18	1.7E-11
1,2,3,4,7,8,9-HpCDF	2.7E-18	1.6E-15	2.3E-15	6.4E-15	1.8E-14	5.9E-13	1.4E-12	7.4E-14	7.4E-14	9.1E-20	5.6E-19	2.1E-12
1,2,3,4,7,8-HxCDD	2.0E-16	1.6E-14	2.2E-14	6.2E-14	1.7E-13	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.9E-19	5.5E-18	2.0E-11
1,2,3,4,7,8-HxCDF	1.4E-15	1.3E-13	1.8E-13	5.0E-13	1.4E-12	4.5E-11	1.0E-10	5.6E-12	5.6E-12	7.1E-18	4.4E-17	1.6E-10
1,2,3,6,7,8-HxCDD	4.0E-16	3.2E-14	4.5E-14	1.3E-13	3.6E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.8E-18	1.1E-17	4.2E-11
1,2,3,6,7,8-HxCDF	5.2E-16	4.1E-14	5.8E-14	1.6E-13	4.5E-13	1.5E-11	3.4E-11	1.8E-12	1.8E-12	2.3E-18	1.4E-17	5.3E-11
1,2,3,7,8,9-HxCDD	5.5E-16	5.1E-14	7.1E-14	2.0E-13	5.6E-13	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.9E-18	1.8E-17	6.4E-11
1,2,3,7,8,9-HxCDF	4.4E-17	2.9E-15	4.1E-15	1.2E-14	3.2E-14	1.1E-12	2.6E-12	1.4E-13	1.4E-13	1.7E-19	1.0E-18	4.0E-12
1,2,3,7,8-PeCDD	1.3E-14	1.8E-13	2.5E-13	7.1E-13	2.0E-12	7.0E-11	1.6E-10	8.8E-12	8.8E-12	1.0E-17	6.2E-17	2.5E-10
1,2,3,7,8-PeCDF	8.9E-16	1.1E-14	1.5E-14	4.1E-14	1.2E-13	5.0E-12	1.2E-11	6.2E-13	6.2E-13	5.9E-19	3.7E-18	1.8E-11
2,3,4,6,7,8-HxCDF	7.6E-16	6.4E-14	9.0E-14	2.5E-13	7.1E-13	2.3E-11	5.2E-11	2.8E-12	2.8E-12	3.6E-18	2.2E-17	8.2E-11
2,3,4,7,8-PeCDF	1.4E-14	2.5E-13	3.5E-13	9.9E-13	2.8E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	1.4E-17	8.8E-17	4.0E-10
2,3,7,8-TCDD	4.5E-15	3.7E-14	5.2E-14	1.5E-13	4.1E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	1.4E-15	8.9E-15	1.0E-10
2,3,7,8-TCDF	1.5E-15	6.7E-15	9.3E-15	2.6E-14	7.4E-14	1.0E-11	2.4E-11	1.3E-12	1.3E-12	3.8E-19	2.3E-18	3.7E-11
OCDD	2.3E-21	9.4E-17	1.3E-16	3.7E-16	1.0E-15	3.1E-14	7.1E-14	3.8E-15	3.8E-15	5.3E-21	3.3E-20	1.1E-13
OCDF	8.4E-22	3.6E-17	5.1E-17	1.4E-16	4.0E-16	1.1E-14	2.6E-14	1.4E-15	1.4E-15	2.1E-21	1.3E-20	4.1E-14
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-407 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.7E-17	1.3E-08	4.9E-09	3.0E-08	2.3E-08	3.6E-11	8.4E-11	4.6E-12	4.6E-12	7.1E-12	1.2E-11	7.1E-08
Barium												
Beryllium						1.5E-12	3.4E-12	1.8E-13	1.8E-13	1.8E-21	1.1E-20	5.2E-12
Cadmium						1.9E-11	4.5E-11	2.4E-12	2.4E-12	1.0E-21	6.3E-21	6.9E-11
Chromium												
Cobalt						1.3E-09	2.9E-09	1.6E-10	1.6E-10	2.0E-10	5.1E-10	5.2E-09
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						1.3E-11	3.0E-11	1.6E-12	1.6E-12	1.1E-10	2.8E-10	4.4E-10
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		9.9E-20	1.4E-19	9.0E-20	2.5E-19							5.8E-19
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	6.4E-14	9.3E-10	5.3E-09	8.5E-10	9.7E-09	4.7E-12	1.1E-11	5.9E-13	5.9E-13	1.9E-12	1.2E-11	1.7E-08
Benzo(a)pyrene	3.2E-13	8.8E-09	5.9E-08	8.0E-09	1.1E-07	1.8E-11	4.3E-11	2.3E-12	2.3E-12	5.9E-14	1.7E-12	1.8E-07
Benzo(b)fluoranthene	8.7E-15	1.4E-09	8.2E-09	1.2E-09	1.5E-08	2.1E-12	4.8E-12	2.6E-13	2.6E-13	9.2E-15	2.4E-13	2.6E-08
Benzo(e)pyrene												

Table H-407 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	6.4E-18	7.4E-11	4.1E-10	6.7E-11	7.5E-10	1.8E-14	4.2E-14	2.3E-15	2.3E-15	4.9E-15	1.2E-13	1.3E-09
Biphenyl				3.8E-19	1.1E-18							1.4E-18
Chrysene	1.1E-16	1.2E-11	6.0E-11	1.1E-11	1.1E-10	8.0E-13	1.9E-12	1.0E-13	1.0E-13	7.9E-16	1.8E-14	1.9E-10
Dibenze(a,h)anthracene	1.6E-14	2.1E-09	1.5E-08	1.9E-09	2.6E-08	3.2E-12	7.3E-12	4.0E-13	4.0E-13	1.5E-14	4.7E-13	4.5E-08
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	3.9E-15	5.9E-10	3.8E-09	5.4E-10	6.9E-09	9.7E-13	2.2E-12	1.2E-13	1.2E-13	4.0E-15	1.1E-13	1.2E-08
Napthalene						7.2E-11	1.7E-10	9.0E-12	9.0E-12			2.6E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	6.1E-18	3.5E-19	4.9E-19	3.0E-19	8.4E-19	2.7E-14	6.1E-14	3.3E-15	3.3E-15	8.0E-21	4.9E-20	9.4E-14
Heptachlorobiphenyl	6.5E-18	1.2E-18	1.6E-18	9.8E-19	2.7E-18	1.0E-14	2.4E-14	1.3E-15	1.3E-15	1.4E-20	8.7E-20	3.7E-14
Hexachlorobiphenyl	2.6E-17	5.2E-18	7.3E-18	4.4E-18	1.2E-17	4.3E-14	1.0E-13	5.4E-15	5.4E-15	6.4E-20	3.9E-19	1.5E-13
Monochlorobiphenyl	4.2E-17	2.5E-18	3.4E-18	2.1E-18	5.8E-18	1.8E-13	4.3E-13	2.3E-14	2.3E-14	5.5E-20	3.4E-19	6.6E-13
Nonachlorobiphenyl	8.1E-19	2.0E-19	2.9E-19	1.7E-19	4.8E-19	1.5E-15	3.4E-15	1.8E-16	1.8E-16	2.5E-21	1.5E-20	5.2E-15
Octachlorobiphenyl	1.9E-18	3.8E-19	5.2E-19	3.2E-19	8.9E-19	3.2E-15	7.3E-15	4.0E-16	4.0E-16	4.6E-21	2.8E-20	1.1E-14
Pentachlorobiphenyl	8.8E-17	1.9E-17	2.6E-17	1.6E-17	4.4E-17	1.5E-13	3.4E-13	1.9E-14	1.9E-14	2.3E-19	1.4E-18	5.3E-13
Tetrachlorobiphenyl	1.8E-18	1.4E-19	1.9E-19	1.1E-19	3.2E-19	8.6E-15	2.0E-14	1.1E-15	1.1E-15	3.0E-21	1.9E-20	3.1E-14
Trichlorobiphenyl	2.4E-18	1.6E-19	2.3E-19	1.4E-19	3.8E-19	1.1E-14	2.5E-14	1.4E-15	1.4E-15	3.7E-21	2.3E-20	3.9E-14
Pesticides												
DDE				4.4E-10	1.1E-09					4.0E-12	2.4E-11	1.5E-09
Dieldrin		1.1E-10	2.3E-09	1.3E-10	5.4E-09					1.8E-15	1.7E-13	7.9E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	7.1E-21					2.4E-13	5.5E-13	3.0E-14	3.0E-14			8.5E-13
1,4-Dioxane						9.1E-09						9.1E-09

Table H-407 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	9.8E-17	1.3E-15	1.9E-15	1.6E-15	4.4E-15	6.5E-12	1.5E-11	8.1E-13	8.1E-13	1.3E-20	8.2E-20	2.3E-11
Butyl benzyl phthalate	4.8E-18	8.8E-20	1.2E-19	1.0E-19	2.9E-19							5.4E-18
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	7.5E-18					1.4E-11	3.2E-11	1.7E-12	1.7E-12			5.0E-11
Isopropanol												
p-Chloroaniline			9.3E-10		2.2E-09							3.1E-09
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	1.0E-21					1.4E-14	3.3E-14	1.8E-15	1.8E-15			5.1E-14
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	4.6E-19											4.6E-19
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	1.1E-20					5.9E-13	1.4E-12	7.4E-14	7.4E-14			2.1E-12
1,2-Dichloroethane	1.5E-20					1.0E-12	1.6E-08	3.7E-10	3.7E-10			1.7E-08
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												

Table H-407 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorotoluene												
2-Hexanone												
Benzene	1.6E-18					7.1E-09	3.0E-08	1.1E-09	1.1E-09			3.9E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	2.8E-22					5.0E-14	1.8E-07	6.3E-15	6.3E-15			1.8E-07
Bromoform							2.4E-08					2.4E-08
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	1.3E-22					1.1E-08	3.3E-08	1.3E-09	1.3E-09			4.7E-08
Chlorobenzene												
Chlorodibromomethane	2.2E-20											2.2E-20
Chloroethane												
Chloroform	1.2E-21					1.4E-08	2.6E-07	7.9E-10	7.9E-10			2.8E-07
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	2.3E-19					1.3E-09	7.9E-09	8.7E-13	8.7E-13			9.2E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	7.4E-22					2.6E-15	6.0E-15	3.2E-16	3.2E-16			9.2E-15
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	2.0E-23					4.5E-16	1.0E-15	5.6E-17	5.6E-17			1.6E-15
Toluene												
trans-1,2-Dichloroethene												

Table H-407 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
trans-1,3-Dichloropropene												
Trichloroethene	4.5E-24					5.9E-10	2.6E-08	5.3E-17	5.3E-17			2.7E-08
Trichlorofluoromethane												
Vinyl chloride	4.9E-21					8.8E-10	7.2E-13	3.9E-14	3.9E-14			8.8E-10
Grand Total	4.5E-13	2.7E-08	9.9E-08	4.3E-08	2.0E-07	4.6E-08	5.8E-07	3.8E-09	3.8E-09	3.2E-10	8.5E-10	1.0E-06

Table H-408 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					6.3E-05	1.5E-04	7.9E-06	7.9E-06			2.2E-04
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.1E-02	2.0E-02					1.1E-04	4.2E-04	3.1E-02
Antimony	3.9E-14			6.4E-04	3.6E-03							4.2E-03

Table H-408 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	2.0E-03	7.7E-04	4.7E-03	3.6E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	7.7E-06	1.3E-05	1.1E-02
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt				1.0E-01	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.6E-04	6.6E-04	2.3E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				3.6E-02	5.4E-02							9.0E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	6.3E-03	3.9E-02	4.5E-02
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.9E-02	3.5E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.2E-04	8.5E-04	6.6E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Thallium (Soluble Salts)				2.7E-02	1.7E-02							4.4E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-408 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
DDE												
Dieldrin		9.4E-06	2.0E-04	1.1E-05	4.7E-04							6.9E-04
SVOCs												
1,2,4-trichlorobenzene								1.3E-07	3.1E-07	1.7E-08	1.7E-08	4.8E-07
1,2-dichlorobenzene	3.1E-17							5.4E-10	1.3E-09	6.8E-11	6.8E-11	1.9E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15							1.9E-09	4.4E-09	2.4E-10	2.4E-10	6.8E-09
1,4-Dioxane								4.3E-03				4.3E-03

Table H-408 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.0E-02	1.1E-02					2.1E-02
p-Chloroaniline			8.2E-05		1.9E-04							2.8E-04
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	6.3E-03	1.4E-04	1.4E-04			6.5E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08

Table H-408 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.1E-03	9.0E-03	3.2E-04	3.2E-04			1.2E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromoform												
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.3E-03	3.9E-03	1.5E-04	1.5E-04			5.5E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					4.4E-04	8.1E-03	2.4E-05	2.4E-05			8.6E-03
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					3.7E-05	2.2E-04	2.4E-08	2.4E-08			2.6E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15

Table H-408 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					5.0E-03	2.2E-01	4.5E-10	4.5E-10			2.3E-01
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					1.4E-04	1.1E-07	6.2E-09	6.2E-09			1.4E-04
Grand Total	4.8E-09	2.0E-03	1.0E-03	2.1E-01	2.6E-01	2.6E-02	2.7E-01	1.0E-03	1.0E-03	7.0E-03	4.1E-02	8.2E-01

Table H-409 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						4.5E-11	1.1E-10	5.7E-12	5.7E-12			1.6E-10
Formaldehyde						1.1E-10	7.3E-06	1.4E-11	1.4E-11			7.3E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.7E-17	1.4E-14	2.0E-14	5.5E-14	1.5E-13	4.6E-12	1.1E-11	5.8E-13	5.8E-13	7.9E-19	4.9E-18	1.7E-11
1,2,3,4,6,7,8-HpCDF	1.7E-17	1.4E-14	2.0E-14	5.6E-14	1.6E-13	4.7E-12	1.1E-11	5.8E-13	5.8E-13	8.0E-19	4.9E-18	1.7E-11
1,2,3,4,7,8,9-HpCDF	2.7E-18	1.6E-15	2.3E-15	6.4E-15	1.8E-14	5.9E-13	1.4E-12	7.4E-14	7.4E-14	9.1E-20	5.6E-19	2.1E-12
1,2,3,4,7,8-HxCDD	2.0E-16	1.6E-14	2.2E-14	6.2E-14	1.7E-13	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.9E-19	5.5E-18	2.0E-11
1,2,3,4,7,8-HxCDF	1.4E-15	1.3E-13	1.8E-13	5.0E-13	1.4E-12	4.5E-11	1.0E-10	5.6E-12	5.6E-12	7.1E-18	4.4E-17	1.6E-10
1,2,3,6,7,8-HxCDD	4.0E-16	3.2E-14	4.5E-14	1.3E-13	3.6E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.8E-18	1.1E-17	4.2E-11
1,2,3,6,7,8-HxCDF	5.2E-16	4.1E-14	5.8E-14	1.6E-13	4.5E-13	1.5E-11	3.4E-11	1.8E-12	1.8E-12	2.3E-18	1.4E-17	5.3E-11
1,2,3,7,8,9-HxCDD	5.5E-16	5.1E-14	7.1E-14	2.0E-13	5.6E-13	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.9E-18	1.8E-17	6.4E-11
1,2,3,7,8,9-HxCDF	4.4E-17	2.9E-15	4.1E-15	1.2E-14	3.2E-14	1.1E-12	2.6E-12	1.4E-13	1.4E-13	1.7E-19	1.0E-18	4.0E-12
1,2,3,7,8-PeCDD	1.3E-14	1.8E-13	2.5E-13	7.1E-13	2.0E-12	7.0E-11	1.6E-10	8.8E-12	8.8E-12	1.0E-17	6.2E-17	2.5E-10
1,2,3,7,8-PeCDF	8.9E-16	1.1E-14	1.5E-14	4.1E-14	1.2E-13	5.0E-12	1.2E-11	6.2E-13	6.2E-13	5.9E-19	3.7E-18	1.8E-11
2,3,4,6,7,8-HxCDF	7.6E-16	6.4E-14	9.0E-14	2.5E-13	7.1E-13	2.3E-11	5.2E-11	2.8E-12	2.8E-12	3.6E-18	2.2E-17	8.2E-11
2,3,4,7,8-PeCDF	1.4E-14	2.5E-13	3.5E-13	9.9E-13	2.8E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	1.4E-17	8.8E-17	4.0E-10
2,3,7,8-TCDD	4.5E-15	3.7E-14	5.2E-14	1.5E-13	4.1E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	1.4E-15	8.9E-15	1.0E-10
2,3,7,8-TCDF	1.5E-15	6.7E-15	9.3E-15	2.6E-14	7.4E-14	1.0E-11	2.4E-11	1.3E-12	1.3E-12	3.8E-19	2.3E-18	3.7E-11
OCDD	2.3E-21	9.4E-17	1.3E-16	3.7E-16	1.0E-15	3.1E-14	7.1E-14	3.8E-15	3.8E-15	5.3E-21	3.3E-20	1.1E-13
OCDF	8.4E-22	3.6E-17	5.1E-17	1.4E-16	4.0E-16	1.1E-14	2.6E-14	1.4E-15	1.4E-15	2.1E-21	1.3E-20	4.1E-14
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-409 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.7E-17	1.3E-08	9.8E-09	3.0E-08	4.6E-08	3.6E-11	8.4E-11	4.6E-12	4.6E-12	7.1E-12	2.4E-11	9.9E-08
Barium												
Beryllium						1.5E-12	3.4E-12	1.8E-13	1.8E-13	1.8E-21	1.1E-20	5.2E-12
Cadmium						1.9E-11	4.5E-11	2.4E-12	2.4E-12	1.0E-21	6.3E-21	6.9E-11
Chromium												
Cobalt						1.3E-09	2.9E-09	1.6E-10	1.6E-10	2.0E-10	5.2E-10	5.2E-09
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						1.3E-11	3.0E-11	1.6E-12	1.6E-12	1.1E-10	3.2E-10	4.7E-10
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		9.9E-20	1.4E-19	9.0E-20	2.5E-19							5.8E-19
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	6.4E-14	9.3E-10	2.4E-14	8.5E-10	4.4E-14	4.7E-12	1.1E-11	5.9E-13	5.9E-13	1.9E-12	1.2E-11	1.8E-09
Benzo(a)pyrene	3.2E-13	8.8E-09	1.1E-13	8.0E-09	2.0E-13	1.8E-11	4.3E-11	2.3E-12	2.3E-12	5.9E-14	3.3E-18	1.7E-08
Benzo(b)fluoranthene	8.7E-15	1.4E-09	6.4E-16	1.2E-09	1.2E-15	2.1E-12	4.8E-12	2.6E-13	2.6E-13	9.2E-15	1.9E-20	2.6E-09
Benzo(e)pyrene												

Table H-409 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	6.4E-18	7.4E-11	6.6E-17	6.7E-11	1.2E-16	1.8E-14	4.2E-14	2.3E-15	2.3E-15	4.9E-15	2.0E-20	1.4E-10
Biphenyl				3.8E-19	1.1E-18							1.4E-18
Chrysene	1.1E-16	1.2E-11	3.0E-16	1.1E-11	5.5E-16	8.0E-13	1.9E-12	1.0E-13	1.0E-13	7.9E-16	8.9E-20	2.5E-11
Dibenze(a,h)anthracene	1.6E-14	2.1E-09	3.8E-14	1.9E-09	7.0E-14	3.2E-12	7.3E-12	4.0E-13	4.0E-13	1.5E-14	1.2E-18	3.9E-09
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	3.9E-15	5.9E-10	1.1E-14	5.4E-10	2.0E-14	9.7E-13	2.2E-12	1.2E-13	1.2E-13	4.0E-15	3.3E-19	1.1E-09
Napthalene						7.2E-11	1.7E-10	9.0E-12	9.0E-12			2.6E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	6.1E-18	3.5E-19	4.9E-19	3.0E-19	8.4E-19	2.7E-14	6.1E-14	3.3E-15	3.3E-15	8.0E-21	4.9E-20	9.4E-14
Heptachlorobiphenyl	6.5E-18	1.2E-18	1.6E-18	9.8E-19	2.7E-18	1.0E-14	2.4E-14	1.3E-15	1.3E-15	1.4E-20	8.7E-20	3.7E-14
Hexachlorobiphenyl	2.6E-17	5.2E-18	7.3E-18	4.4E-18	1.2E-17	4.3E-14	1.0E-13	5.4E-15	5.4E-15	6.4E-20	3.9E-19	1.5E-13
Monochlorobiphenyl	4.2E-17	2.5E-18	3.4E-18	2.1E-18	5.8E-18	1.8E-13	4.3E-13	2.3E-14	2.3E-14	5.5E-20	3.4E-19	6.6E-13
Nonachlorobiphenyl	8.1E-19	2.0E-19	2.9E-19	1.7E-19	4.8E-19	1.5E-15	3.4E-15	1.8E-16	1.8E-16	2.5E-21	1.5E-20	5.2E-15
Octachlorobiphenyl	1.9E-18	3.8E-19	5.2E-19	3.2E-19	8.9E-19	3.2E-15	7.3E-15	4.0E-16	4.0E-16	4.6E-21	2.8E-20	1.1E-14
Pentachlorobiphenyl	8.8E-17	1.9E-17	2.6E-17	1.6E-17	4.4E-17	1.5E-13	3.4E-13	1.9E-14	1.9E-14	2.3E-19	1.4E-18	5.3E-13
Tetrachlorobiphenyl	1.8E-18	1.4E-19	1.9E-19	1.1E-19	3.2E-19	8.6E-15	2.0E-14	1.1E-15	1.1E-15	3.0E-21	1.9E-20	3.1E-14
Trichlorobiphenyl	2.4E-18	1.6E-19	2.3E-19	1.4E-19	3.8E-19	1.1E-14	2.5E-14	1.4E-15	1.4E-15	3.7E-21	2.3E-20	3.9E-14
Pesticides												
DDE				4.4E-10	3.8E-10					4.0E-12	2.4E-11	8.4E-10
Dieldrin		1.1E-10		1.3E-10						1.8E-15		2.3E-10
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	7.1E-21					2.4E-13	5.5E-13	3.0E-14	3.0E-14			8.5E-13
1,4-Dioxane						9.1E-09						9.1E-09

Table H-409 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	9.8E-17	1.3E-15	1.9E-15	1.6E-15	4.4E-15	6.5E-12	1.5E-11	8.1E-13	8.1E-13	1.3E-20	8.2E-20	2.3E-11
Butyl benzyl phthalate	4.8E-18	8.8E-20	1.2E-19	1.0E-19	2.9E-19							5.4E-18
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	7.5E-18					1.4E-11	3.2E-11	1.7E-12	1.7E-12			5.0E-11
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	1.0E-21					1.4E-14	3.3E-14	1.8E-15	1.8E-15			5.1E-14
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	4.6E-19											4.6E-19
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	1.1E-20					5.9E-13	1.4E-12	7.4E-14	7.4E-14			2.1E-12
1,2-Dichloroethane	1.5E-20					1.0E-12	2.4E-12	3.7E-10	3.7E-10			7.5E-10
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												

Table H-409 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone												
Benzene	1.6E-18					7.1E-09	2.2E-10	1.1E-09	1.1E-09			9.5E-09
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	2.8E-22					5.0E-14	1.2E-13	6.3E-15	6.3E-15			1.8E-13
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	1.3E-22					1.1E-08	4.3E-14	1.3E-09	1.3E-09			1.4E-08
Chlorobenzene												
Chlorodibromomethane	2.2E-20											2.2E-20
Chloroethane												
Chloroform	1.2E-21					1.4E-08	1.5E-12	7.9E-10	7.9E-10			1.6E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	2.3E-19					1.3E-09	1.6E-11	8.7E-13	8.7E-13			1.3E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	7.4E-22					2.6E-15	6.0E-15	3.2E-16	3.2E-16			9.2E-15
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	2.0E-23					4.5E-16	1.0E-15	5.6E-17	5.6E-17			1.6E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	4.5E-24					5.9E-10	9.8E-16	5.3E-17	5.3E-17			5.9E-10

Table H-409 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane												
Vinyl chloride	4.9E-21					8.8E-10	7.2E-13	3.9E-14	3.9E-14			8.8E-10
Grand Total	4.5E-13	2.7E-08	9.8E-09	4.3E-08	4.7E-08	4.6E-08	7.4E-06	3.8E-09	3.8E-09	3.2E-10	8.9E-10	7.5E-06

Table H-410 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					6.3E-05	4.0E+00	7.9E-06	7.9E-06			4.0E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.1E-02	2.4E-02					1.1E-04	5.1E-04	3.5E-02
Antimony	3.9E-14			6.4E-04	1.2E-03							1.8E-03

Table H-410 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	2.0E-03	1.5E-03	4.7E-03	7.2E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	7.7E-06	2.6E-05	1.6E-02
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt				1.0E-01	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.6E-04	6.7E-04	2.4E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				3.6E-02	5.7E-02							9.3E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	6.3E-03	3.9E-02	4.5E-02
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.9E-02	4.0E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.2E-04	9.5E-04	7.0E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Thallium (Soluble Salts)				2.7E-02	1.4E-02							4.1E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-410 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	1.1E-04	6.2E-06	6.2E-06			1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
DDE												
Dieldrin		9.4E-06		1.1E-05								2.1E-05
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
1,4-Dioxane						4.3E-03						4.3E-03

Table H-410 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.0E-02						1.0E-02
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	9.1E-07	1.4E-04	1.4E-04			2.9E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												

Table H-410 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.1E-03	6.7E-05	3.2E-04	3.2E-04			2.8E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.3E-03	5.0E-09	1.5E-04	1.5E-04			1.6E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					4.4E-04	4.6E-08	2.4E-05	2.4E-05			4.9E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					3.7E-05	4.5E-07	2.4E-08	2.4E-08			3.7E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					5.0E-03	8.4E-09	4.5E-10	4.5E-10			5.0E-03

Table H-410 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					1.4E-04	1.1E-07	6.2E-09	6.2E-09			1.4E-04
Grand Total	4.8E-09	2.0E-03	1.5E-03	2.1E-01	2.7E-01	2.6E-02	4.0E+00	1.0E-03	1.0E-03	7.0E-03	4.1E-02	4.6E+00

Table H-411 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						4.5E-11	1.1E-10	5.7E-12	5.7E-12			1.6E-10
Formaldehyde						1.1E-10	5.0E-06	1.4E-11	1.4E-11			5.0E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.7E-17	1.4E-14	2.0E-14	5.5E-14	1.5E-13	4.6E-12	1.1E-11	5.8E-13	5.8E-13	7.9E-19	4.9E-18	1.7E-11
1,2,3,4,6,7,8-HpCDF	1.7E-17	1.4E-14	2.0E-14	5.6E-14	1.6E-13	4.7E-12	1.1E-11	5.8E-13	5.8E-13	8.0E-19	4.9E-18	1.7E-11
1,2,3,4,7,8,9-HpCDF	2.7E-18	1.6E-15	2.3E-15	6.4E-15	1.8E-14	5.9E-13	1.4E-12	7.4E-14	7.4E-14	9.1E-20	5.6E-19	2.1E-12
1,2,3,4,7,8-HxCDD	2.0E-16	1.6E-14	2.2E-14	6.2E-14	1.7E-13	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.9E-19	5.5E-18	2.0E-11
1,2,3,4,7,8-HxCDF	1.4E-15	1.3E-13	1.8E-13	5.0E-13	1.4E-12	4.5E-11	1.0E-10	5.6E-12	5.6E-12	7.1E-18	4.4E-17	1.6E-10
1,2,3,6,7,8-HxCDD	4.0E-16	3.2E-14	4.5E-14	1.3E-13	3.6E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.8E-18	1.1E-17	4.2E-11
1,2,3,6,7,8-HxCDF	5.2E-16	4.1E-14	5.8E-14	1.6E-13	4.5E-13	1.5E-11	3.4E-11	1.8E-12	1.8E-12	2.3E-18	1.4E-17	5.3E-11
1,2,3,7,8,9-HxCDD	5.5E-16	5.1E-14	7.1E-14	2.0E-13	5.6E-13	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.9E-18	1.8E-17	6.4E-11
1,2,3,7,8,9-HxCDF	4.4E-17	2.9E-15	4.1E-15	1.2E-14	3.2E-14	1.1E-12	2.6E-12	1.4E-13	1.4E-13	1.7E-19	1.0E-18	4.0E-12
1,2,3,7,8-PeCDD	1.3E-14	1.8E-13	2.5E-13	7.1E-13	2.0E-12	7.0E-11	1.6E-10	8.8E-12	8.8E-12	1.0E-17	6.2E-17	2.5E-10
1,2,3,7,8-PeCDF	8.9E-16	1.1E-14	1.5E-14	4.1E-14	1.2E-13	5.0E-12	1.2E-11	6.2E-13	6.2E-13	5.9E-19	3.7E-18	1.8E-11
2,3,4,6,7,8-HxCDF	7.6E-16	6.4E-14	9.0E-14	2.5E-13	7.1E-13	2.3E-11	5.2E-11	2.8E-12	2.8E-12	3.6E-18	2.2E-17	8.2E-11
2,3,4,7,8-PeCDF	1.4E-14	2.5E-13	3.5E-13	9.9E-13	2.8E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	1.4E-17	8.8E-17	4.0E-10
2,3,7,8-TCDD	4.5E-15	3.7E-14	5.2E-14	1.5E-13	4.1E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	1.4E-15	8.9E-15	1.0E-10
2,3,7,8-TCDF	1.5E-15	6.7E-15	9.3E-15	2.6E-14	7.4E-14	1.0E-11	2.4E-11	1.3E-12	1.3E-12	3.8E-19	2.3E-18	3.7E-11
OCDD	2.3E-21	9.4E-17	1.3E-16	3.7E-16	1.0E-15	3.1E-14	7.1E-14	3.8E-15	3.8E-15	5.3E-21	3.3E-20	1.1E-13
OCDF	8.4E-22	3.6E-17	5.1E-17	1.4E-16	4.0E-16	1.1E-14	2.6E-14	1.4E-15	1.4E-15	2.1E-21	1.3E-20	4.1E-14
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-411 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.7E-17	1.3E-08	3.9E-09	3.0E-08	1.8E-08	3.6E-11	8.4E-11	4.6E-12	4.6E-12	7.1E-12	9.5E-12	6.6E-08
Barium												
Beryllium						1.5E-12	3.4E-12	1.8E-13	1.8E-13	1.8E-21	1.1E-20	5.2E-12
Cadmium						1.9E-11	4.5E-11	2.4E-12	2.4E-12	1.0E-21	6.3E-21	6.9E-11
Chromium												
Cobalt						1.3E-09	2.9E-09	1.6E-10	1.6E-10	2.0E-10	8.8E-10	5.6E-09
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						1.3E-11	3.0E-11	1.6E-12	1.6E-12	1.1E-10	5.3E-10	6.8E-10
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		9.9E-20	1.4E-19	9.0E-20	2.5E-19							5.8E-19
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	6.4E-14	9.3E-10	2.4E-14	8.5E-10	4.4E-14	4.7E-12	1.1E-11	5.9E-13	5.9E-13	1.9E-12	1.2E-11	1.8E-09
Benzo(a)pyrene	3.2E-13	8.8E-09	1.4E-08	8.0E-09	2.5E-08	1.8E-11	4.3E-11	2.3E-12	2.3E-12	5.9E-14	4.1E-13	5.6E-08
Benzo(b)fluoranthene	8.7E-15	1.4E-09	1.2E-09	1.2E-09	2.3E-09	2.1E-12	4.8E-12	2.6E-13	2.6E-13	9.2E-15	3.7E-14	6.1E-09
Benzo(e)pyrene												

Table H-411 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	6.4E-18	7.4E-11	6.6E-17	6.7E-11	1.2E-16	1.8E-14	4.2E-14	2.3E-15	2.3E-15	4.9E-15	2.0E-20	1.4E-10
Biphenyl				3.8E-19	1.1E-18							1.4E-18
Chrysene	1.1E-16	1.2E-11	3.0E-16	1.1E-11	5.5E-16	8.0E-13	1.9E-12	1.0E-13	1.0E-13	7.9E-16	8.9E-20	2.5E-11
Dibenze(a,h)anthracene	1.6E-14	2.1E-09	3.8E-14	1.9E-09	7.0E-14	3.2E-12	7.3E-12	4.0E-13	4.0E-13	1.5E-14	1.2E-18	3.9E-09
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	3.9E-15	5.9E-10	1.1E-14	5.4E-10	2.0E-14	9.7E-13	2.2E-12	1.2E-13	1.2E-13	4.0E-15	3.3E-19	1.1E-09
Napthalene						7.2E-11	1.7E-10	9.0E-12	9.0E-12			2.6E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	6.1E-18	3.5E-19	4.9E-19	3.0E-19	8.4E-19	2.7E-14	6.1E-14	3.3E-15	3.3E-15	8.0E-21	4.9E-20	9.4E-14
Heptachlorobiphenyl	6.5E-18	1.2E-18	1.6E-18	9.8E-19	2.7E-18	1.0E-14	2.4E-14	1.3E-15	1.3E-15	1.4E-20	8.7E-20	3.7E-14
Hexachlorobiphenyl	2.6E-17	5.2E-18	7.3E-18	4.4E-18	1.2E-17	4.3E-14	1.0E-13	5.4E-15	5.4E-15	6.4E-20	3.9E-19	1.5E-13
Monochlorobiphenyl	4.2E-17	2.5E-18	3.4E-18	2.1E-18	5.8E-18	1.8E-13	4.3E-13	2.3E-14	2.3E-14	5.5E-20	3.4E-19	6.6E-13
Nonachlorobiphenyl	8.1E-19	2.0E-19	2.9E-19	1.7E-19	4.8E-19	1.5E-15	3.4E-15	1.8E-16	1.8E-16	2.5E-21	1.5E-20	5.2E-15
Octachlorobiphenyl	1.9E-18	3.8E-19	5.2E-19	3.2E-19	8.9E-19	3.2E-15	7.3E-15	4.0E-16	4.0E-16	4.6E-21	2.8E-20	1.1E-14
Pentachlorobiphenyl	8.8E-17	1.9E-17	2.6E-17	1.6E-17	4.4E-17	1.5E-13	3.4E-13	1.9E-14	1.9E-14	2.3E-19	1.4E-18	5.3E-13
Tetrachlorobiphenyl	1.8E-18	1.4E-19	1.9E-19	1.1E-19	3.2E-19	8.6E-15	2.0E-14	1.1E-15	1.1E-15	3.0E-21	1.9E-20	3.1E-14
Trichlorobiphenyl	2.4E-18	1.6E-19	2.3E-19	1.4E-19	3.8E-19	1.1E-14	2.5E-14	1.4E-15	1.4E-15	3.7E-21	2.3E-20	3.9E-14
Pesticides												
DDE				4.4E-10	1.3E-09					4.0E-12	2.4E-11	1.8E-09
Dieldrin		1.1E-10		1.3E-10						1.8E-15		2.3E-10
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	7.1E-21					2.4E-13	5.5E-13	3.0E-14	3.0E-14			8.5E-13
1,4-Dioxane						9.1E-09						9.1E-09

Table H-411 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	9.8E-17	1.3E-15	1.9E-15	1.6E-15	4.4E-15	6.5E-12	1.5E-11	8.1E-13	8.1E-13	1.3E-20	8.2E-20	2.3E-11
Butyl benzyl phthalate	4.8E-18	8.8E-20	1.2E-19	1.0E-19	2.9E-19							5.4E-18
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	7.5E-18					1.4E-11	3.2E-11	1.7E-12	1.7E-12			5.0E-11
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	1.0E-21					1.4E-14	3.3E-14	1.8E-15	1.8E-15			5.1E-14
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	4.6E-19											4.6E-19
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	1.1E-20					5.9E-13	1.4E-12	7.4E-14	7.4E-14			2.1E-12
1,2-Dichloroethane	1.5E-20					1.0E-12	2.4E-12	3.7E-10	3.7E-10			7.5E-10
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												

Table H-411 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone												
Benzene	1.6E-18					7.1E-09	2.2E-10	1.1E-09	1.1E-09			9.5E-09
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	2.8E-22					5.0E-14	1.2E-13	6.3E-15	6.3E-15			1.8E-13
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	1.3E-22					1.1E-08	4.3E-14	1.3E-09	1.3E-09			1.4E-08
Chlorobenzene												
Chlorodibromomethane	2.2E-20											2.2E-20
Chloroethane												
Chloroform	1.2E-21					1.4E-08	1.5E-12	7.9E-10	7.9E-10			1.6E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	2.3E-19					1.3E-09	1.6E-11	8.7E-13	8.7E-13			1.3E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	7.4E-22					2.6E-15	6.0E-15	3.2E-16	3.2E-16			9.2E-15
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	2.0E-23					4.5E-16	1.0E-15	5.6E-17	5.6E-17			1.6E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	4.5E-24					5.9E-10	9.8E-16	5.3E-17	5.3E-17			5.9E-10

Table H-411 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane												
Vinyl chloride	4.9E-21					8.8E-10	7.2E-13	3.9E-14	3.9E-14			8.8E-10
Grand Total	4.5E-13	2.7E-08	1.9E-08	4.3E-08	4.7E-08	4.6E-08	5.0E-06	3.8E-09	3.8E-09	3.2E-10	1.5E-09	5.2E-06

Table H-412 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					6.3E-05	2.7E+00	7.9E-06	7.9E-06			2.7E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.1E-02	1.9E-02					1.1E-04	4.1E-04	3.0E-02
Antimony	3.9E-14			6.4E-04	4.2E-04							1.1E-03

Table H-412 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	2.0E-03	6.1E-04	4.7E-03	2.9E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	7.7E-06	1.0E-05	1.0E-02
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt				1.0E-01	2.1E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.6E-04	1.1E-03	3.2E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				3.6E-02	6.2E-02							9.8E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	6.3E-03	3.9E-02	4.5E-02
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.9E-02	6.6E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.2E-04	1.6E-03	9.7E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Thallium (Soluble Salts)				2.7E-02								2.7E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-412 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
DDE												
Dieldrin		9.4E-06		1.1E-05								2.1E-05
SVOCs												
1,2,4-trichlorobenzene								1.3E-07	3.1E-07	1.7E-08	1.7E-08	4.8E-07
1,2-dichlorobenzene	3.1E-17							5.4E-10	1.3E-09	6.8E-11	6.8E-11	1.9E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15							1.9E-09	4.4E-09	2.4E-10	2.4E-10	6.8E-09
1,4-Dioxane								4.3E-03				4.3E-03

Table H-412 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol								1.0E-02				1.0E-02
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	9.1E-07	1.4E-04	1.4E-04			2.9E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												

Table H-412 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.1E-03	6.7E-05	3.2E-04	3.2E-04			2.8E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.3E-03	5.0E-09	1.5E-04	1.5E-04			1.6E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					4.4E-04	4.6E-08	2.4E-05	2.4E-05			4.9E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					3.7E-05	4.5E-07	2.4E-08	2.4E-08			3.7E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					5.0E-03	8.4E-09	4.5E-10	4.5E-10			5.0E-03

Table H-412 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					1.4E-04	1.1E-07	6.2E-09	6.2E-09			1.4E-04
Grand Total	4.8E-09	2.0E-03	6.1E-04	2.1E-01	3.6E-01	2.6E-02	2.8E+00	1.0E-03	1.0E-03	7.0E-03	4.2E-02	3.4E+00

Table H-413 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						4.5E-11	1.6E-09	5.7E-12	5.4E-10			2.2E-09
Formaldehyde						1.1E-10	3.8E-09	1.4E-11	1.3E-09			5.2E-09
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.7E-17	1.4E-14	2.6E-13	5.5E-14	2.1E-12	4.6E-12	1.8E-10	5.8E-13	6.1E-11	7.9E-19	6.5E-17	2.5E-10
1,2,3,4,6,7,8-HpCDF	1.7E-17	1.4E-14	2.6E-13	5.6E-14	2.1E-12	4.7E-12	1.8E-10	5.8E-13	6.2E-11	8.0E-19	6.5E-17	2.5E-10
1,2,3,4,7,8,9-HpCDF	2.7E-18	1.6E-15	3.2E-14	6.4E-15	2.5E-13	5.9E-13	2.4E-11	7.4E-14	8.0E-12	9.1E-20	7.9E-18	3.3E-11
1,2,3,4,7,8-HxCDD	2.0E-16	1.6E-14	3.1E-13	6.2E-14	2.4E-12	5.5E-12	2.2E-10	6.9E-13	7.4E-11	8.9E-19	7.6E-17	3.1E-10
1,2,3,4,7,8-HxCDF	1.4E-15	1.3E-13	2.4E-12	5.0E-13	1.9E-11	4.5E-11	1.8E-09	5.6E-12	6.0E-10	7.1E-18	6.0E-16	2.5E-09
1,2,3,6,7,8-HxCDD	4.0E-16	3.2E-14	6.3E-13	1.3E-13	4.9E-12	1.2E-11	4.7E-10	1.5E-12	1.6E-10	1.8E-18	1.6E-16	6.5E-10
1,2,3,6,7,8-HxCDF	5.2E-16	4.1E-14	8.0E-13	1.6E-13	6.3E-12	1.5E-11	5.9E-10	1.8E-12	2.0E-10	2.3E-18	2.0E-16	8.1E-10
1,2,3,7,8,9-HxCDD	5.5E-16	5.1E-14	9.8E-13	2.0E-13	7.8E-12	1.8E-11	7.1E-10	2.2E-12	2.4E-10	2.9E-18	2.4E-16	9.8E-10
1,2,3,7,8,9-HxCDF	4.4E-17	2.9E-15	5.8E-14	1.2E-14	4.6E-13	1.1E-12	4.6E-11	1.4E-13	1.5E-11	1.7E-19	1.4E-17	6.3E-11
1,2,3,7,8-PeCDD	1.3E-14	1.8E-13	3.5E-12	7.1E-13	2.8E-11	7.0E-11	2.9E-09	8.8E-12	9.5E-10	1.0E-17	8.7E-16	3.9E-09
1,2,3,7,8-PeCDF	8.9E-16	1.1E-14	2.1E-13	4.1E-14	1.6E-12	5.0E-12	2.0E-10	6.2E-13	6.8E-11	5.9E-19	5.2E-17	2.8E-10
2,3,4,6,7,8-HxCDF	7.6E-16	6.4E-14	1.2E-12	2.5E-13	9.6E-12	2.3E-11	9.0E-10	2.8E-12	3.0E-10	3.6E-18	3.0E-16	1.2E-09
2,3,4,7,8-PeCDF	1.4E-14	2.5E-13	4.9E-12	9.9E-13	3.9E-11	1.1E-10	4.6E-09	1.4E-11	1.5E-09	1.4E-17	1.2E-15	6.3E-09
2,3,7,8-TCDD	4.5E-15	3.7E-14	5.3E-13	1.5E-13	4.2E-12	2.8E-11	9.4E-10	3.5E-12	3.1E-10	1.4E-15	9.2E-14	1.3E-09
2,3,7,8-TCDF	1.5E-15	6.7E-15	1.3E-13	2.6E-14	1.1E-12	1.0E-11	4.3E-10	1.3E-12	1.4E-10	3.8E-19	3.3E-17	5.8E-10
OCDD	2.3E-21	9.4E-17	1.7E-15	3.7E-16	1.4E-14	3.1E-14	1.2E-12	3.8E-15	4.0E-13	5.3E-21	4.3E-19	1.7E-12
OCDF	8.4E-22	3.6E-17	6.5E-16	1.4E-16	5.1E-15	1.1E-14	4.5E-13	1.4E-15	1.5E-13	2.1E-21	1.6E-19	6.1E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-413 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.7E-17	1.3E-08	1.0E-18	3.0E-08	4.9E-18	3.6E-11	1.3E-09	4.6E-12	4.3E-10	7.1E-12	2.5E-21	4.5E-08
Barium												
Beryllium						1.5E-12	5.0E-11	1.8E-13	1.7E-11	1.8E-21	1.5E-19	6.8E-11
Cadmium						1.9E-11	6.8E-10	2.4E-12	2.3E-10	1.0E-21	8.7E-20	9.3E-10
Chromium												
Cobalt						1.3E-09	2.3E-08	1.6E-10	7.7E-09	2.0E-10	7.8E-14	3.2E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						1.3E-11	4.4E-10	1.6E-12	1.5E-10	1.1E-10	6.2E-20	7.1E-10
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		9.9E-20	2.0E-18	9.0E-20	3.7E-18							5.9E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	6.4E-14	9.3E-10	3.8E-13	8.5E-10	7.0E-13	4.7E-12	2.0E-10	5.9E-13	6.8E-11	1.9E-12	3.5E-15	2.1E-09
Benzo(a)pyrene	3.2E-13	8.8E-09	1.7E-12	8.0E-09	3.0E-12	1.8E-11	7.7E-10	2.3E-12	2.6E-10	5.9E-14	4.9E-17	1.8E-08
Benzo(b)fluoranthene	8.7E-15	1.4E-09	8.9E-15	1.2E-09	1.6E-14	2.1E-12	8.3E-11	2.6E-13	2.8E-11	9.2E-15	2.6E-19	2.7E-09
Benzo(e)pyrene												

Table H-413 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	6.4E-18	7.4E-11	4.4E-16	6.7E-11	7.9E-16	1.8E-14	3.3E-13	2.3E-15	1.1E-13	4.9E-15	1.3E-19	1.4E-10
Biphenyl				3.8E-19	1.6E-17							1.6E-17
Chrysene	1.1E-16	1.2E-11	4.4E-15	1.1E-11	8.0E-15	8.0E-13	3.3E-11	1.0E-13	1.1E-11	7.9E-16	1.3E-18	6.8E-11
Dibenze(a,h)anthracene	1.6E-14	2.1E-09	5.5E-13	1.9E-09	1.0E-12	3.2E-12	1.3E-10	4.0E-13	4.4E-11	1.5E-14	1.8E-17	4.1E-09
Fluorene												
Indeno(1,2,3-cd)pyrene	3.9E-15	5.9E-10	1.6E-13	5.4E-10	2.9E-13	9.7E-13	4.0E-11	1.2E-13	1.3E-11	4.0E-15	4.7E-18	1.2E-09
Napthalene						7.2E-11	3.0E-09	9.0E-12	1.0E-09			4.1E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	6.1E-18	3.5E-19	7.0E-18	3.0E-19	1.2E-17	2.7E-14	1.1E-12	3.3E-15	3.6E-13	8.0E-21	7.0E-19	1.5E-12
Heptachlorobiphenyl	6.5E-18	1.2E-18	2.2E-17	9.8E-19	3.8E-17	1.0E-14	4.2E-13	1.3E-15	1.4E-13	1.4E-20	1.2E-18	5.7E-13
Hexachlorobiphenyl	2.6E-17	5.2E-18	9.4E-17	4.4E-18	1.6E-16	4.3E-14	1.7E-12	5.4E-15	5.6E-13	6.4E-20	5.1E-18	2.3E-12
Monochlorobiphenyl	4.2E-17	2.5E-18	4.9E-17	2.1E-18	8.3E-17	1.8E-13	7.6E-12	2.3E-14	2.5E-12	5.5E-20	4.9E-18	1.0E-11
Nonachlorobiphenyl	8.1E-19	2.0E-19	3.2E-18	1.7E-19	5.4E-18	1.5E-15	5.2E-14	1.8E-16	1.7E-14	2.5E-21	1.7E-19	7.1E-14
Octachlorobiphenyl	1.9E-18	3.8E-19	6.8E-18	3.2E-19	1.2E-17	3.2E-15	1.2E-13	4.0E-16	4.1E-14	4.6E-21	3.7E-19	1.7E-13
Pentachlorobiphenyl	8.8E-17	1.9E-17	3.2E-16	1.6E-17	5.4E-16	1.5E-13	5.6E-12	1.9E-14	1.9E-12	2.3E-19	1.7E-17	7.7E-12
Tetrachlorobiphenyl	1.8E-18	1.4E-19	2.3E-18	1.1E-19	3.9E-18	8.6E-15	3.2E-13	1.1E-15	1.1E-13	3.0E-21	2.3E-19	4.4E-13
Trichlorobiphenyl	2.4E-18	1.6E-19	2.9E-18	1.4E-19	4.9E-18	1.1E-14	4.2E-13	1.4E-15	1.4E-13	3.7E-21	2.9E-19	5.8E-13
Pesticides												
DDE				4.4E-10						4.0E-12		4.4E-10
Dieldrin		1.1E-10		1.3E-10						1.8E-15		2.3E-10
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	7.1E-21					2.4E-13	1.1E-11	3.0E-14	3.6E-12			1.5E-11
1,4-Dioxane						9.1E-09						9.1E-09

Table H-413 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	9.8E-17	1.3E-15	2.4E-14	1.6E-15	5.7E-14	6.5E-12	2.5E-10	8.1E-13	8.5E-11	1.3E-20	1.1E-18	3.5E-10
Butyl benzyl phthalate	4.8E-18	8.8E-20	1.8E-18	1.0E-19	4.3E-18							1.1E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	7.5E-18					1.4E-11	2.5E-10	1.7E-12	8.3E-11			3.5E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	1.0E-21					1.4E-14	4.8E-13	1.8E-15	1.6E-13			6.6E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	4.6E-19											4.6E-19
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	1.1E-20					5.9E-13	1.1E-11	7.4E-14	3.5E-12			1.5E-11
1,2-Dichloroethane	1.5E-20					1.0E-12	3.9E-11	3.7E-10	1.3E-11			4.2E-10
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												

Table H-413 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone												
Benzene	1.6E-18					7.1E-09	3.8E-09	1.1E-09	1.3E-09			1.3E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	2.8E-22					5.0E-14	9.0E-13	6.3E-15	3.0E-13			1.3E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	1.3E-22					1.1E-08	3.3E-13	1.3E-09	1.1E-13			1.2E-08
Chlorobenzene												
Chlorodibromomethane	2.2E-20											2.2E-20
Chloroethane												
Chloroform	1.2E-21					1.4E-08	1.3E-11	7.9E-10	4.2E-12			1.5E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	2.3E-19					1.3E-09	2.6E-10	8.7E-13	8.8E-11			1.7E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	7.4E-22					2.6E-15	9.5E-14	3.2E-16	3.2E-14			1.3E-13
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	2.0E-23					4.5E-16	1.6E-14	5.6E-17	5.2E-15			2.1E-14
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	4.5E-24					5.9E-10	7.6E-15	5.3E-17	2.5E-15			5.9E-10

Table H-413 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane												
Vinyl chloride	4.9E-21					8.8E-10	7.6E-12	3.9E-14	2.5E-12			8.9E-10
Grand Total	4.5E-13	2.7E-08	1.9E-11	4.3E-08	1.3E-10	4.6E-08	5.4E-08	3.8E-09	1.8E-08	3.2E-10	1.8E-13	1.9E-07

Table H-414 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	1.5E-03	5.2E-06	5.0E-04			2.0E-03
Aldehydes												
Acetaldehyde						1.6E-04	5.8E-03	2.0E-05	1.9E-03			7.9E-03
Formaldehyde	2.3E-12					6.3E-05	2.1E-03	7.9E-06	6.9E-04			2.8E-03
Propionaldehyde						2.0E-05	7.2E-04	2.5E-06	2.4E-04	2.1E-12	1.5E-10	9.8E-04
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.5E-07	2.0E-07	5.9E-06	1.3E-06	4.3E-05	1.6E-07	1.4E-05	1.2E-10	7.8E-09	6.6E-05
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	7.7E-03	2.5E-05	2.6E-03			1.1E-02
Metals												
Aluminum				1.1E-02						1.1E-04		1.1E-02
Antimony	3.9E-14			6.4E-04								6.4E-04

Table H-414 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	2.0E-03	1.6E-13	4.7E-03	7.6E-13	4.0E-05	1.4E-03	4.9E-06	4.7E-04	7.7E-06	2.7E-15	8.6E-03
Barium	1.2E-11			1.6E-08	5.4E-07	2.5E-04	6.8E-03	3.1E-05	2.3E-03	3.1E-10	2.3E-08	9.3E-03
Beryllium	1.7E-14			5.2E-13	2.0E-11	2.1E-06	7.3E-05	2.7E-07	2.4E-05	2.6E-15	2.1E-13	9.9E-05
Cadmium	8.3E-12			8.2E-13	3.1E-11	7.6E-05	2.6E-03	9.5E-06	8.8E-04	4.0E-15	3.4E-13	3.6E-03
Chromium	1.7E-15			5.5E-11	2.2E-09							2.2E-09
Cobalt				1.0E-01	3.3E-05	1.6E-03	3.0E-02	2.0E-04	9.9E-03	2.6E-04	1.8E-07	1.5E-01
Copper				8.4E-09	3.2E-07							3.3E-07
Iron				3.6E-02								3.6E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.5E-09	7.8E-08	2.8E-06	9.8E-09	9.2E-07	5.6E-15	3.8E-13	3.8E-06
Mercury, elemental						3.3E-10	1.2E-08	4.1E-11	3.8E-09	6.3E-03		6.3E-03
Methyl Mercury	8.7E-11			2.0E-11	7.9E-10							8.9E-10
Nickel	1.7E-13			2.9E-02	7.8E-12	3.9E-05	1.3E-03	4.8E-06	4.4E-04	3.2E-04	1.9E-13	3.1E-02
Phosphorus				3.7E-10	1.4E-08							1.4E-08
Selenium	5.5E-14			8.1E-15	3.1E-13	8.7E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-20	8.4E-18	4.2E-07
Silver	4.2E-14			1.7E-10	6.2E-09							6.4E-09
Thallium (Soluble Salts)				2.7E-02								2.7E-02
Titanium												
Zinc	1.4E-11			6.1E-13	2.2E-11							3.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	6.9E-14	3.1E-15	1.3E-13							2.0E-13
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	1.2E-12	5.2E-14	2.1E-12							3.4E-12
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-414 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	2.8E-13	2.8E-04	1.2E-02	3.5E-05	3.9E-03	4.9E-12	4.5E-10	1.6E-02
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	3.4E-11	1.5E-12	6.3E-11							1.1E-10
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	2.1E-03	6.2E-06	6.9E-04	2.8E-03
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.7E-10	7.6E-12	3.1E-10							5.1E-10
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.8E-10	7.8E-12	3.1E-10							6.0E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	7.2E-11	3.2E-12	1.2E-10	9.8E-10	3.9E-08	1.2E-10	1.3E-08	2.5E-15	2.1E-13	5.4E-08
Hexachlorobiphenyl	4.6E-11	1.7E-11	3.0E-10	1.4E-11	5.1E-10	4.1E-06	1.6E-04	5.1E-07	5.3E-05	1.1E-11	8.8E-10	2.2E-04
Monochlorobiphenyl	6.1E-10	6.4E-11	1.3E-09	5.4E-11	2.2E-09							4.2E-09
Nonachlorobiphenyl	1.4E-12	6.6E-13	1.0E-11	5.6E-13	1.7E-11							3.0E-11
Octachlorobiphenyl	3.4E-12	1.2E-12	2.2E-11	1.0E-12	3.7E-11							6.5E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	1.0E-09	5.1E-11	1.8E-09	4.6E-05	1.7E-03	5.7E-06	5.7E-04	1.3E-10	9.9E-09	2.3E-03
Tetrachlorobiphenyl	2.6E-11	3.5E-12	6.0E-11	3.0E-12	1.0E-10	2.3E-07	8.7E-06	2.9E-08	2.9E-06	1.5E-13	1.1E-11	1.2E-05
Trichlorobiphenyl	3.4E-11	4.3E-12	7.6E-11	3.6E-12	1.3E-10							2.5E-10
Pesticides												
DDE												
Dieldrin		9.4E-06		1.1E-05								2.1E-05
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	4.3E-06	1.7E-08	1.4E-06			5.9E-06
1,2-dichlorobenzene	3.1E-17					5.4E-10	9.7E-09	6.8E-11	3.2E-09			1.4E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	8.5E-08	2.4E-10	2.8E-08			1.2E-07
1,4-Dioxane						4.3E-03						4.3E-03

Table H-414 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	3.9E-06	1.2E-08	1.3E-06			5.3E-06
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	6.0E-09	4.0E-10	1.4E-08							2.1E-08
Butyl benzyl phthalate	8.8E-13	1.6E-14	3.3E-13	1.9E-14	7.9E-13							2.0E-12
Carbazole												
Dibenzofuran		1.4E-13	2.9E-12	5.7E-13	2.3E-11							2.6E-11
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	6.7E-13	3.9E-14	1.6E-12							1.9E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	8.7E-12	1.1E-12	2.1E-11							3.1E-11
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.0E-02						1.0E-02
Phenol	4.9E-13					1.5E-06	6.2E-05	1.9E-07	2.1E-05			8.5E-05
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	1.0E-09	3.3E-12	3.3E-10			1.4E-09
1,1-Dichloroethene	1.2E-19					1.3E-10	2.3E-09	1.6E-11	7.7E-10			3.2E-09
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	6.4E-06	4.5E-08	2.1E-06			9.0E-06
1,2,4-Trimethylbenzene						8.9E-07	2.8E-05	1.1E-07	9.4E-06			3.9E-05
1,2-Dibromoethane	4.1E-17					7.7E-09	1.4E-07	9.6E-10	4.6E-08			1.9E-07
1,2-Dichloroethane	1.9E-15					4.0E-07	1.5E-05	1.4E-04	5.0E-06			1.6E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	2.6E-07	8.3E-10	8.7E-08			3.6E-07
2-Chlorotoluene												

Table H-414 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Hexanone						2.3E-07	8.2E-06	2.8E-08	2.7E-06			1.1E-05
Benzene	4.9E-13					2.1E-03	1.1E-03	3.2E-04	3.8E-04			4.0E-03
Bromobenzene						6.2E-07	1.1E-05	7.8E-08	3.7E-06			1.5E-05
Bromochloromethane						2.2E-09	3.9E-08	2.8E-10	1.3E-08			5.5E-08
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	2.3E-05	9.5E-08	7.6E-06			3.1E-05
Carbon disulfide	1.3E-17					4.8E-09	1.4E-07	6.0E-10	4.7E-08			1.9E-07
Carbon tetrachloride	3.4E-17					1.3E-03	3.9E-08	1.5E-04	1.3E-08			1.5E-03
Chlorobenzene	2.3E-15					9.6E-08	3.4E-06	1.2E-08	1.1E-06			4.7E-06
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	3.2E-08	1.1E-10	1.1E-08			4.3E-08
Chloroform	2.8E-16					4.4E-04	3.9E-07	2.4E-05	1.3E-07			4.7E-04
Chloromethane						3.4E-07	1.0E-05	4.3E-08	3.5E-06			1.4E-05
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	9.1E-07	6.4E-09	3.0E-07			1.3E-06
Dichlorodifluoromethane	2.4E-20					2.5E-09	4.4E-08	3.1E-10	1.5E-08			6.2E-08
Ethylbenzene	1.5E-14					3.7E-05	7.4E-06	2.4E-08	2.5E-06			4.6E-05
Isopropylbenzene	2.0E-17					3.9E-08	1.3E-06	4.9E-09	4.5E-07			1.8E-06
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.1E-09	1.5E-11	7.1E-10			3.0E-09
Methylene chloride	4.3E-15					3.0E-08	1.1E-06	3.8E-09	3.7E-07			1.5E-06
n-Butylbenzene												
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07			4.2E-07
o-Xylene	1.4E-15					2.3E-07	7.6E-06	2.9E-08	2.5E-06			1.0E-05
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.9E-05	6.4E-08	6.2E-06			2.5E-05
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	1.1E-07	3.8E-10	3.5E-08			1.4E-07
Toluene	2.0E-14					6.3E-08	2.5E-06	7.9E-09	8.3E-07			3.4E-06
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					5.0E-03	6.5E-08	4.5E-10	2.2E-08			5.0E-03

Table H-414 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					1.4E-04	1.2E-06	6.2E-09	4.0E-07			1.4E-04
Grand Total	4.8E-09	2.0E-03	7.6E-07	2.1E-01	4.0E-05	2.6E-02	7.7E-02	1.0E-03	2.6E-02	7.0E-03	2.2E-07	3.5E-01

Table H-415 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			4.5E-11	5.7E-12		5.1E-11
Formaldehyde			8.9E-07	1.4E-11		8.9E-07
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	1.4E-14	5.5E-14	4.6E-12	5.8E-13	7.9E-19	5.2E-12
1,2,3,4,6,7,8-HpCDF	1.4E-14	5.6E-14	4.7E-12	5.8E-13	8.0E-19	5.3E-12
1,2,3,4,7,8,9-HpCDF	1.6E-15	6.4E-15	5.9E-13	7.4E-14	9.1E-20	6.7E-13
1,2,3,4,7,8-HxCDD	1.6E-14	6.2E-14	5.5E-12	6.9E-13	8.9E-19	6.3E-12
1,2,3,4,7,8-HxCDF	1.3E-13	5.0E-13	4.5E-11	5.6E-12	7.1E-18	5.1E-11
1,2,3,6,7,8-HxCDD	3.2E-14	1.3E-13	1.2E-11	1.5E-12	1.8E-18	1.3E-11
1,2,3,6,7,8-HxCDF	4.1E-14	1.6E-13	1.5E-11	1.8E-12	2.3E-18	1.7E-11
1,2,3,7,8,9-HxCDD	5.1E-14	2.0E-13	1.8E-11	2.2E-12	2.9E-18	2.0E-11
1,2,3,7,8,9-HxCDF	2.9E-15	1.2E-14	1.1E-12	1.4E-13	1.7E-19	1.3E-12
1,2,3,7,8-PeCDD	1.8E-13	7.1E-13	7.0E-11	8.8E-12	1.0E-17	8.0E-11

Table H-415 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	1.1E-14	4.1E-14	5.0E-12	6.2E-13	5.9E-19	5.7E-12
2,3,4,6,7,8-HxCDF	6.4E-14	2.5E-13	2.3E-11	2.8E-12	3.6E-18	2.6E-11
2,3,4,7,8-PeCDF	2.5E-13	9.9E-13	1.1E-10	1.4E-11	1.4E-17	1.3E-10
2,3,7,8-TCDD	3.7E-14	1.5E-13	2.8E-11	3.5E-12	1.4E-15	3.2E-11
2,3,7,8-TCDF	6.7E-15	2.6E-14	1.0E-11	1.3E-12	3.8E-19	1.2E-11
OCDD	9.4E-17	3.7E-16	3.1E-14	3.8E-15	5.3E-21	3.5E-14
OCDF	3.6E-17	1.4E-16	1.1E-14	1.4E-15	2.1E-21	1.3E-14
HCN						
Hydrogen cyanide						
Metals						
Aluminum						
Antimony						
Arsenic	5.8E-08	1.4E-07	3.6E-11	4.6E-12	3.2E-11	2.0E-07
Barium						
Beryllium			1.5E-12	1.8E-13	1.8E-21	1.7E-12
Cadmium			1.9E-11	2.4E-12	1.0E-21	2.2E-11
Chromium						
Cobalt			1.3E-09	1.6E-10	2.1E-10	1.6E-09
Copper						
Iron						
Lead						
Manganese						
Mercury (+2)						

Table H-415 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental						
Methyl Mercury						
Nickel			1.3E-11	1.6E-12	1.0E-10	1.2E-10
Phosphorus						
Selenium						
Silver						
Thallium (Soluble Salts)						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	9.9E-20	9.0E-20				1.9E-19
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	1.7E-09	1.6E-09	4.7E-12	5.9E-13	3.6E-12	3.3E-09
Benzo(a)pyrene	1.8E-08	1.6E-08	1.8E-11	2.3E-12	1.2E-13	3.4E-08
Benzo(b)fluoranthene	3.1E-09	2.9E-09	2.1E-12	2.6E-13	2.1E-14	6.0E-09

Table H-415 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	1.3E-10	1.2E-10	1.8E-14	2.3E-15	8.6E-15	2.4E-10
Biphenyl		3.8E-19				3.8E-19
Chrysene	2.5E-11	2.2E-11	8.0E-13	1.0E-13	1.6E-15	4.8E-11
Dibenze(a,h)anthracene	2.8E-14	2.5E-14	3.2E-12	4.0E-13	2.0E-19	3.6E-12
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	9.8E-10	8.9E-10	9.7E-13	1.2E-13	6.6E-15	1.9E-09
Napthalene			7.2E-11	9.0E-12		8.1E-11
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	3.5E-19	3.0E-19	2.7E-14	3.3E-15	8.0E-21	3.0E-14
Heptachlorobiphenyl	1.2E-18	9.8E-19	1.0E-14	1.3E-15	1.4E-20	1.2E-14
Hexachlorobiphenyl	5.2E-18	4.4E-18	4.3E-14	5.4E-15	6.4E-20	4.9E-14
Monochlorobiphenyl	2.5E-18	2.1E-18	1.8E-13	2.3E-14	5.5E-20	2.1E-13
Nonachlorobiphenyl	2.0E-19	1.7E-19	1.5E-15	1.8E-16	2.5E-21	1.6E-15

Table H-415 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Octachlorobiphenyl	3.8E-19	3.2E-19	3.2E-15	4.0E-16	4.6E-21	3.6E-15
Pentachlorobiphenyl	1.9E-17	1.6E-17	1.5E-13	1.9E-14	2.3E-19	1.7E-13
Tetrachlorobiphenyl	1.4E-19	1.1E-19	8.6E-15	1.1E-15	3.0E-21	9.7E-15
Trichlorobiphenyl	1.6E-19	1.4E-19	1.1E-14	1.4E-15	3.7E-21	1.2E-14
Pesticides						
DDE		3.3E-08			3.0E-10	3.4E-08
Dieldrin	6.1E-09	7.2E-09			1.0E-13	1.3E-08
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-dichlorobenzene						
1,4-dichlorobenzene			2.4E-13	3.0E-14		2.7E-13
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	1.3E-15	1.6E-15	6.5E-12	8.1E-13	1.3E-20	7.3E-12
Butyl benzyl phthalate	8.8E-20	1.0E-19				1.9E-19

Table H-415 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			1.4E-11	1.7E-12		1.6E-11
Isopropanol						
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			1.4E-14	1.8E-15		1.6E-14
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			5.9E-13	7.4E-14		6.7E-13
1,2-Dichloroethane			8.5E-09	3.7E-10		8.9E-09
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						

Table H-415 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
2-Chlorotoluene						
2-Hexanone						
Benzene			9.2E-08	1.1E-09		9.3E-08
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			5.0E-14	6.3E-15		5.7E-14
Bromomethane						
Carbon disulfide						
Carbon tetrachloride			1.3E-08	1.3E-09		1.5E-08
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			1.2E-08	7.9E-10		1.3E-08
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			7.7E-09	8.7E-13		7.7E-09
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			2.6E-15	3.2E-16		2.9E-15

Table H-415 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethene			4.5E-16	5.6E-17		5.1E-16
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			2.9E-10	5.3E-17		2.9E-10
Trichlorofluoromethane						
Vinyl chloride			3.1E-13	3.9E-14		3.5E-13
Grand Total	8.8E-08	2.0E-07	1.0E-06	3.8E-09	6.4E-10	1.3E-06

Table H-416 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			4.2E-05	5.2E-06		4.7E-05
Aldehydes						
Acetaldehyde			1.6E-04	2.0E-05		1.8E-04
Formaldehyde			4.9E-01	7.9E-06		4.9E-01
Propionaldehyde			2.0E-05	2.5E-06	2.1E-12	2.2E-05
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-416 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	5.2E-08	2.0E-07	1.3E-06	1.6E-07	1.2E-10	1.7E-06
2,3,7,8-TCDF						
OCDD						
OCDF						
HCN						
Hydrogen cyanide			2.0E-04	2.5E-05		2.2E-04
Metals						
Aluminum		1.2E-02			1.1E-04	1.2E-02
Antimony		1.9E-03				1.9E-03
Arsenic	9.1E-03	2.1E-02	4.0E-05	4.9E-06	3.5E-05	3.1E-02
Barium		1.6E-08	2.5E-04	3.1E-05	3.1E-10	2.8E-04
Beryllium		5.2E-13	2.1E-06	2.7E-07	2.6E-15	2.4E-06
Cadmium		8.2E-13	7.6E-05	9.5E-06	4.0E-15	8.5E-05
Chromium		5.5E-11				5.5E-11
Cobalt		1.1E-01	1.6E-03	2.0E-04	2.7E-04	1.1E-01
Copper		8.4E-09				8.4E-09
Iron		3.9E-02				3.9E-02
Lead						
Manganese						
Mercury (+2)		1.1E-10	7.8E-08	9.8E-09	5.6E-15	8.8E-08

Table H-416 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental			3.3E-10	4.1E-11	1.7E-04	1.7E-04
Methyl Mercury		2.0E-11				2.0E-11
Nickel		2.8E-02	3.9E-05	4.8E-06	3.0E-04	2.8E-02
Phosphorus		3.7E-10				3.7E-10
Selenium		8.1E-15	8.7E-09	1.1E-09	9.9E-20	9.8E-09
Silver		1.7E-10				1.7E-10
Thallium (Soluble Salts)		8.1E-03				8.1E-03
Titanium						
Zinc		6.1E-13				6.1E-13
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.4E-15	3.1E-15				6.5E-15
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	5.8E-14	5.2E-14				1.1E-13
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						

Table H-416 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						
Biphenyl		6.7E-15	2.8E-04	3.5E-05	4.9E-12	3.1E-04
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	1.7E-12	1.5E-12				3.2E-12
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene			5.0E-05	6.2E-06		5.6E-05
Perylene						
Phenanthrene						
Pyrene	8.3E-12	7.6E-12				1.6E-11
Particulate						
Particulate Total Suspended Partic						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	9.3E-12	7.8E-12				1.7E-11
Heptachlorobiphenyl	3.7E-12	3.2E-12	9.8E-10	1.2E-10	2.5E-15	1.1E-09
Hexachlorobiphenyl	1.7E-11	1.4E-11	4.1E-06	5.1E-07	1.1E-11	4.6E-06
Monochlorobiphenyl	6.4E-11	5.4E-11				1.2E-10
Nonachlorobiphenyl	6.6E-13	5.6E-13				1.2E-12

Table H-416 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Octachlorobiphenyl	1.2E-12	1.0E-12				2.2E-12
Pentachlorobiphenyl	6.1E-11	5.1E-11	4.6E-05	5.7E-06	1.3E-10	5.1E-05
Tetrachlorobiphenyl	3.5E-12	3.0E-12	2.3E-07	2.9E-08	1.5E-13	2.6E-07
Trichlorobiphenyl	4.3E-12	3.6E-12				7.8E-12
Pesticides						
DDE						
Dieldrin	5.4E-04	6.3E-04				1.2E-03
SVOCs						
1,2,4-trichlorobenzene			1.3E-07	1.7E-08		1.5E-07
1,2-dichlorobenzene			5.4E-10	6.8E-11		6.1E-10
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.9E-09	2.4E-10		2.1E-09
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			9.3E-08	1.2E-08		1.0E-07
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-10	4.0E-10				7.4E-10
Butyl benzyl phthalate	1.6E-14	1.9E-14				3.6E-14

Table H-416 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbazole						
Dibenzofuran	1.4E-13	5.7E-13				7.1E-13
Dimethyl phthalate						
Di-n-butyl phthalate	3.3E-14	3.9E-14				7.1E-14
Di-n-octyl phthalate	9.4E-13	1.1E-12				2.1E-12
Hexachlorobutadiene						
Isopropanol			3.0E-02			3.0E-02
Phenol			1.5E-06	1.9E-07		1.7E-06
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			2.7E-11	3.3E-12		3.0E-11
1,1-Dichloroethene			1.3E-10	1.6E-11		1.5E-10
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.6E-07	4.5E-08		4.1E-07
1,2,4-Trimethylbenzene			8.9E-07	1.1E-07		1.0E-06
1,2-Dibromoethane			7.7E-09	9.6E-10		8.6E-09
1,2-Dichloroethane			3.3E-03	1.4E-04		3.4E-03
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone			6.6E-09	8.3E-10		7.4E-09

Table H-416 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
2-Chlorotoluene						
2-Hexanone			2.3E-07	2.8E-08		2.5E-07
Benzene			2.7E-02	3.2E-04		2.8E-02
Bromobenzene			6.2E-07	7.8E-08		7.0E-07
Bromochloromethane			2.2E-09	2.8E-10		2.5E-09
Bromodichloromethane						
Bromomethane			7.6E-07	9.5E-08		8.6E-07
Carbon disulfide			4.8E-09	6.0E-10		5.4E-09
Carbon tetrachloride			1.6E-03	1.5E-04		1.7E-03
Chlorobenzene			9.6E-08	1.2E-08		1.1E-07
Chlorodibromomethane						
Chloroethane			9.1E-10	1.1E-10		1.0E-09
Chloroform			3.7E-04	2.4E-05		4.0E-04
Chloromethane			3.4E-07	4.3E-08		3.9E-07
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			5.1E-08	6.4E-09		5.7E-08
Dichlorodifluoromethane			2.5E-09	3.1E-10		2.8E-09
Ethylbenzene			2.1E-04	2.4E-08		2.1E-04
Isopropylbenzene			3.9E-08	4.9E-09		4.4E-08
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.2E-10	1.5E-11		1.3E-10
Methylene chloride			3.0E-08	3.8E-09		3.4E-08

Table H-416 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene			9.4E-09	1.2E-09		1.1E-08
o-Xylene			2.3E-07	2.9E-08		2.6E-07
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			5.1E-07	6.4E-08		5.7E-07
tert-Butylbenzene						
Tetrachloroethene			3.0E-09	3.8E-10		3.4E-09
Toluene			6.3E-08	7.9E-09		7.1E-08
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			2.5E-03	4.5E-10		2.5E-03
Trichlorofluoromethane						
Vinyl chloride			5.0E-08	6.2E-09		5.6E-08
Grand Total	9.6E-03	2.2E-01	5.6E-01	1.0E-03	8.9E-04	7.9E-01

Table H-417 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						4.5E-11	1.1E-10	5.7E-12	5.7E-12			1.6E-10
Formaldehyde						8.9E-07	2.6E-10	1.4E-11	1.4E-11			8.9E-07
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.7E-17	1.4E-14	2.0E-14	5.5E-14	1.5E-13	4.6E-12	1.1E-11	5.8E-13	5.8E-13	7.9E-19	4.9E-18	1.7E-11
1,2,3,4,6,7,8-HpCDF	1.7E-17	1.4E-14	2.0E-14	5.6E-14	1.6E-13	4.7E-12	1.1E-11	5.8E-13	5.8E-13	8.0E-19	4.9E-18	1.7E-11
1,2,3,4,7,8,9-HpCDF	2.7E-18	1.6E-15	2.3E-15	6.4E-15	1.8E-14	5.9E-13	1.4E-12	7.4E-14	7.4E-14	9.1E-20	5.6E-19	2.1E-12
1,2,3,4,7,8-HxCDD	2.0E-16	1.6E-14	2.2E-14	6.2E-14	1.7E-13	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.9E-19	5.5E-18	2.0E-11
1,2,3,4,7,8-HxCDF	1.4E-15	1.3E-13	1.8E-13	5.0E-13	1.4E-12	4.5E-11	1.0E-10	5.6E-12	5.6E-12	7.1E-18	4.4E-17	1.6E-10
1,2,3,6,7,8-HxCDD	4.0E-16	3.2E-14	4.5E-14	1.3E-13	3.6E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.8E-18	1.1E-17	4.2E-11
1,2,3,6,7,8-HxCDF	5.2E-16	4.1E-14	5.8E-14	1.6E-13	4.5E-13	1.5E-11	3.4E-11	1.8E-12	1.8E-12	2.3E-18	1.4E-17	5.3E-11
1,2,3,7,8,9-HxCDD	5.5E-16	5.1E-14	7.1E-14	2.0E-13	5.6E-13	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.9E-18	1.8E-17	6.4E-11
1,2,3,7,8,9-HxCDF	4.4E-17	2.9E-15	4.1E-15	1.2E-14	3.2E-14	1.1E-12	2.6E-12	1.4E-13	1.4E-13	1.7E-19	1.0E-18	4.0E-12
1,2,3,7,8-PeCDD	1.3E-14	1.8E-13	2.5E-13	7.1E-13	2.0E-12	7.0E-11	1.6E-10	8.8E-12	8.8E-12	1.0E-17	6.2E-17	2.5E-10
1,2,3,7,8-PeCDF	8.9E-16	1.1E-14	1.5E-14	4.1E-14	1.2E-13	5.0E-12	1.2E-11	6.2E-13	6.2E-13	5.9E-19	3.7E-18	1.8E-11
2,3,4,6,7,8-HxCDF	7.6E-16	6.4E-14	9.0E-14	2.5E-13	7.1E-13	2.3E-11	5.2E-11	2.8E-12	2.8E-12	3.6E-18	2.2E-17	8.2E-11
2,3,4,7,8-PeCDF	1.4E-14	2.5E-13	3.5E-13	9.9E-13	2.8E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	1.4E-17	8.8E-17	4.0E-10
2,3,7,8-TCDD	4.5E-15	3.7E-14	5.2E-14	1.5E-13	4.1E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	1.4E-15	8.9E-15	1.0E-10
2,3,7,8-TCDF	1.5E-15	6.7E-15	9.3E-15	2.6E-14	7.4E-14	1.0E-11	2.4E-11	1.3E-12	1.3E-12	3.8E-19	2.3E-18	3.7E-11
OCDD	2.3E-21	9.4E-17	1.3E-16	3.7E-16	1.0E-15	3.1E-14	7.1E-14	3.8E-15	3.8E-15	5.3E-21	3.3E-20	1.1E-13
OCDF	8.4E-22	3.6E-17	5.1E-17	1.4E-16	4.0E-16	1.1E-14	2.6E-14	1.4E-15	1.4E-15	2.1E-21	1.3E-20	4.1E-14
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-417 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.7E-17	5.8E-08	4.9E-09	1.4E-07	2.3E-08	3.6E-11	8.4E-11	4.6E-12	4.6E-12	3.2E-11	1.2E-11	2.2E-07
Barium												
Beryllium						1.5E-12	3.4E-12	1.8E-13	1.8E-13	1.8E-21	1.1E-20	5.2E-12
Cadmium						1.9E-11	4.5E-11	2.4E-12	2.4E-12	1.0E-21	6.3E-21	6.9E-11
Chromium												
Cobalt						1.3E-09	2.9E-09	1.6E-10	1.6E-10	2.1E-10	5.1E-10	5.2E-09
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						1.3E-11	3.0E-11	1.6E-12	1.6E-12	1.0E-10	2.8E-10	4.3E-10
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		9.9E-20	1.4E-19	9.0E-20	2.5E-19							5.8E-19
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	6.4E-14	1.7E-09	5.3E-09	1.6E-09	9.7E-09	4.7E-12	1.1E-11	5.9E-13	5.9E-13	3.6E-12	2.2E-11	1.8E-08
Benzo(a)pyrene	3.2E-13	1.8E-08	5.9E-08	1.6E-08	1.1E-07	1.8E-11	4.3E-11	2.3E-12	2.3E-12	1.2E-13	1.7E-12	2.0E-07
Benzo(b)fluoranthene	8.7E-15	3.1E-09	8.2E-09	2.9E-09	1.5E-08	2.1E-12	4.8E-12	2.6E-13	2.6E-13	2.1E-14	2.4E-13	2.9E-08
Benzo(e)pyrene												

Table H-417 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	6.4E-18	1.3E-10	4.1E-10	1.2E-10	7.5E-10	1.8E-14	4.2E-14	2.3E-15	2.3E-15	8.6E-15	1.2E-13	1.4E-09
Biphenyl				3.8E-19	1.1E-18							1.4E-18
Chrysene	1.1E-16	2.5E-11	6.0E-11	2.2E-11	1.1E-10	8.0E-13	1.9E-12	1.0E-13	1.0E-13	1.6E-15	1.8E-14	2.2E-10
Dibenze(a,h)anthracene	1.6E-14	2.8E-14	1.5E-08	2.5E-14	2.6E-08	3.2E-12	7.3E-12	4.0E-13	4.0E-13	2.0E-19	4.7E-13	4.1E-08
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	3.9E-15	9.8E-10	3.8E-09	8.9E-10	6.9E-09	9.7E-13	2.2E-12	1.2E-13	1.2E-13	6.6E-15	1.1E-13	1.3E-08
Napthalene						7.2E-11	1.7E-10	9.0E-12	9.0E-12			2.6E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	6.1E-18	3.5E-19	4.9E-19	3.0E-19	8.4E-19	2.7E-14	6.1E-14	3.3E-15	3.3E-15	8.0E-21	4.9E-20	9.4E-14
Heptachlorobiphenyl	6.5E-18	1.2E-18	1.6E-18	9.8E-19	2.7E-18	1.0E-14	2.4E-14	1.3E-15	1.3E-15	1.4E-20	8.7E-20	3.7E-14
Hexachlorobiphenyl	2.6E-17	5.2E-18	7.3E-18	4.4E-18	1.2E-17	4.3E-14	1.0E-13	5.4E-15	5.4E-15	6.4E-20	3.9E-19	1.5E-13
Monochlorobiphenyl	4.2E-17	2.5E-18	3.4E-18	2.1E-18	5.8E-18	1.8E-13	4.3E-13	2.3E-14	2.3E-14	5.5E-20	3.4E-19	6.6E-13
Nonachlorobiphenyl	8.1E-19	2.0E-19	2.9E-19	1.7E-19	4.8E-19	1.5E-15	3.4E-15	1.8E-16	1.8E-16	2.5E-21	1.5E-20	5.2E-15
Octachlorobiphenyl	1.9E-18	3.8E-19	5.2E-19	3.2E-19	8.9E-19	3.2E-15	7.3E-15	4.0E-16	4.0E-16	4.6E-21	2.8E-20	1.1E-14
Pentachlorobiphenyl	8.8E-17	1.9E-17	2.6E-17	1.6E-17	4.4E-17	1.5E-13	3.4E-13	1.9E-14	1.9E-14	2.3E-19	1.4E-18	5.3E-13
Tetrachlorobiphenyl	1.8E-18	1.4E-19	1.9E-19	1.1E-19	3.2E-19	8.6E-15	2.0E-14	1.1E-15	1.1E-15	3.0E-21	1.9E-20	3.1E-14
Trichlorobiphenyl	2.4E-18	1.6E-19	2.3E-19	1.4E-19	3.8E-19	1.1E-14	2.5E-14	1.4E-15	1.4E-15	3.7E-21	2.3E-20	3.9E-14
Pesticides												
DDE				3.3E-08	1.1E-09					3.0E-10	1.9E-09	3.6E-08
Dieldrin		6.1E-09	2.3E-09	7.2E-09	5.4E-09					1.0E-13	1.7E-13	2.1E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	7.1E-21					2.4E-13	5.5E-13	3.0E-14	3.0E-14			8.5E-13
2,4-Dimethylphenol												

Table H-417 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	9.8E-17	1.3E-15	1.9E-15	1.6E-15	4.4E-15	6.5E-12	1.5E-11	8.1E-13	8.1E-13	1.3E-20	8.2E-20	2.3E-11
Butyl benzyl phthalate	4.8E-18	8.8E-20	1.2E-19	1.0E-19	2.9E-19							5.4E-18
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	7.5E-18					1.4E-11	3.2E-11	1.7E-12	1.7E-12			5.0E-11
Isopropanol												
p-Chloroaniline			9.3E-10		2.2E-09							3.1E-09
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	1.0E-21					1.4E-14	3.3E-14	1.8E-15	1.8E-15			5.1E-14
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	4.6E-19											4.6E-19
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	1.1E-20					5.9E-13	1.4E-12	7.4E-14	7.4E-14			2.1E-12
1,2-Dichloroethane	1.5E-20					8.5E-09	1.6E-08	3.7E-10	3.7E-10			2.5E-08
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												

Table H-417 (Cancer Risk)

ACI Lifetime (yrs)	16
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Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone												
Benzene	1.6E-18					9.2E-08	3.0E-08	1.1E-09	1.1E-09			1.2E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	2.8E-22					5.0E-14	1.8E-07	6.3E-15	6.3E-15			1.8E-07
Bromoform							2.4E-08					2.4E-08
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	1.3E-22					1.3E-08	3.3E-08	1.3E-09	1.3E-09			4.9E-08
Chlorobenzene												
Chlorodibromomethane	2.2E-20											2.2E-20
Chloroethane												
Chloroform	1.2E-21					1.2E-08	2.6E-07	7.9E-10	7.9E-10			2.7E-07
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	2.3E-19					7.7E-09	7.9E-09	8.7E-13	8.7E-13			1.6E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	7.4E-22					2.6E-15	6.0E-15	3.2E-16	3.2E-16			9.2E-15
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	2.0E-23					4.5E-16	1.0E-15	5.6E-17	5.6E-17			1.6E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												

Table H-417 (Cancer Risk)

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Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichloroethene	4.5E-24					2.9E-10	2.6E-08	5.3E-17	5.3E-17			2.7E-08
Trichlorofluoromethane												
Vinyl chloride	4.9E-21					3.1E-13	7.2E-13	3.9E-14	3.9E-14			1.1E-12
Grand Total	4.5E-13	8.8E-08	9.9E-08	2.0E-07	2.0E-07	1.0E-06	5.8E-07	3.8E-09	3.8E-09	6.4E-10	2.7E-09	2.2E-06

Table H-418 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					4.9E-01	1.5E-04	7.9E-06	7.9E-06			4.9E-01
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.2E-02	2.0E-02					1.1E-04	4.2E-04	3.2E-02
Antimony	3.9E-14			1.9E-03	3.6E-03							5.5E-03

Table H-418 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	9.1E-03	7.7E-04	2.1E-02	3.6E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	3.5E-05	1.3E-05	3.5E-02
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt	1.1E-11			1.1E-01	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.7E-04	6.6E-04	2.4E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				3.9E-02	5.4E-02							9.3E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.7E-04	1.1E-03	1.2E-03
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.8E-02	3.5E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.0E-04	8.5E-04	6.5E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Thallium (Soluble Salts)				8.1E-03	1.7E-02							2.5E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-418 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
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Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
DDE												
Dieldrin		5.4E-04	2.0E-04	6.3E-04	4.7E-04							1.8E-03
SVOCs												
1,2,4-trichlorobenzene								1.3E-07	3.1E-07	1.7E-08	1.7E-08	4.8E-07
1,2-dichlorobenzene	3.1E-17							5.4E-10	1.3E-09	6.8E-11	6.8E-11	1.9E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15							1.9E-09	4.4E-09	2.4E-10	2.4E-10	6.8E-09
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-418 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						3.0E-02	1.1E-02					4.1E-02
p-Chloroaniline			8.2E-05		1.9E-04							2.8E-04
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					3.3E-03	6.3E-03	1.4E-04	1.4E-04			9.8E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												

Table H-418 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.7E-02	9.0E-03	3.2E-04	3.2E-04			3.7E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromoform												
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.6E-03	3.9E-03	1.5E-04	1.5E-04			5.8E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					3.7E-04	8.1E-03	2.4E-05	2.4E-05			8.5E-03
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					2.1E-04	2.2E-04	2.4E-08	2.4E-08			4.4E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
n-Propylbenzene						2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
o-Xylene	1.4E-15											
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												

Table H-418 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichloroethene	1.4E-17					2.5E-03	2.2E-01	4.5E-10	4.5E-10			2.3E-01
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	4.8E-09	9.6E-03	1.0E-03	2.2E-01	2.6E-01	5.6E-01	2.7E-01	1.0E-03	1.0E-03	8.9E-04	3.0E-03	1.3E+00

Table H-419 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						4.5E-11	1.1E-10	5.7E-12	5.7E-12			1.6E-10
Formaldehyde						8.9E-07	7.3E-06	1.4E-11	1.4E-11			8.2E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.7E-17	1.4E-14	2.0E-14	5.5E-14	1.5E-13	4.6E-12	1.1E-11	5.8E-13	5.8E-13	7.9E-19	4.9E-18	1.7E-11
1,2,3,4,6,7,8-HpCDF	1.7E-17	1.4E-14	2.0E-14	5.6E-14	1.6E-13	4.7E-12	1.1E-11	5.8E-13	5.8E-13	8.0E-19	4.9E-18	1.7E-11
1,2,3,4,7,8,9-HpCDF	2.7E-18	1.6E-15	2.3E-15	6.4E-15	1.8E-14	5.9E-13	1.4E-12	7.4E-14	7.4E-14	9.1E-20	5.6E-19	2.1E-12
1,2,3,4,7,8-HxCDD	2.0E-16	1.6E-14	2.2E-14	6.2E-14	1.7E-13	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.9E-19	5.5E-18	2.0E-11
1,2,3,4,7,8-HxCDF	1.4E-15	1.3E-13	1.8E-13	5.0E-13	1.4E-12	4.5E-11	1.0E-10	5.6E-12	5.6E-12	7.1E-18	4.4E-17	1.6E-10
1,2,3,6,7,8-HxCDD	4.0E-16	3.2E-14	4.5E-14	1.3E-13	3.6E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.8E-18	1.1E-17	4.2E-11
1,2,3,6,7,8-HxCDF	5.2E-16	4.1E-14	5.8E-14	1.6E-13	4.5E-13	1.5E-11	3.4E-11	1.8E-12	1.8E-12	2.3E-18	1.4E-17	5.3E-11
1,2,3,7,8,9-HxCDD	5.5E-16	5.1E-14	7.1E-14	2.0E-13	5.6E-13	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.9E-18	1.8E-17	6.4E-11
1,2,3,7,8,9-HxCDF	4.4E-17	2.9E-15	4.1E-15	1.2E-14	3.2E-14	1.1E-12	2.6E-12	1.4E-13	1.4E-13	1.7E-19	1.0E-18	4.0E-12
1,2,3,7,8-PeCDD	1.3E-14	1.8E-13	2.5E-13	7.1E-13	2.0E-12	7.0E-11	1.6E-10	8.8E-12	8.8E-12	1.0E-17	6.2E-17	2.5E-10
1,2,3,7,8-PeCDF	8.9E-16	1.1E-14	1.5E-14	4.1E-14	1.2E-13	5.0E-12	1.2E-11	6.2E-13	6.2E-13	5.9E-19	3.7E-18	1.8E-11
2,3,4,6,7,8-HxCDF	7.6E-16	6.4E-14	9.0E-14	2.5E-13	7.1E-13	2.3E-11	5.2E-11	2.8E-12	2.8E-12	3.6E-18	2.2E-17	8.2E-11
2,3,4,7,8-PeCDF	1.4E-14	2.5E-13	3.5E-13	9.9E-13	2.8E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	1.4E-17	8.8E-17	4.0E-10
2,3,7,8-TCDD	4.5E-15	3.7E-14	5.2E-14	1.5E-13	4.1E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	1.4E-15	8.9E-15	1.0E-10
2,3,7,8-TCDF	1.5E-15	6.7E-15	9.3E-15	2.6E-14	7.4E-14	1.0E-11	2.4E-11	1.3E-12	1.3E-12	3.8E-19	2.3E-18	3.7E-11
OCDD	2.3E-21	9.4E-17	1.3E-16	3.7E-16	1.0E-15	3.1E-14	7.1E-14	3.8E-15	3.8E-15	5.3E-21	3.3E-20	1.1E-13
OCDF	8.4E-22	3.6E-17	5.1E-17	1.4E-16	4.0E-16	1.1E-14	2.6E-14	1.4E-15	1.4E-15	2.1E-21	1.3E-20	4.1E-14
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-419 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.7E-17	5.8E-08	9.8E-09	1.4E-07	4.6E-08	3.6E-11	8.4E-11	4.6E-12	4.6E-12	3.2E-11	2.4E-11	2.5E-07
Barium												
Beryllium						1.5E-12	3.4E-12	1.8E-13	1.8E-13	1.8E-21	1.1E-20	5.2E-12
Cadmium						1.9E-11	4.5E-11	2.4E-12	2.4E-12	1.0E-21	6.3E-21	6.9E-11
Chromium												
Cobalt						1.3E-09	2.9E-09	1.6E-10	1.6E-10	2.1E-10	5.2E-10	5.2E-09
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						1.3E-11	3.0E-11	1.6E-12	1.6E-12	1.0E-10	3.2E-10	4.6E-10
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		9.9E-20	1.4E-19	9.0E-20	2.5E-19							5.8E-19
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	6.4E-14	1.7E-09	2.4E-14	1.6E-09	4.4E-14	4.7E-12	1.1E-11	5.9E-13	5.9E-13	3.6E-12	2.2E-11	3.3E-09
Benzo(a)pyrene	3.2E-13	1.8E-08	1.1E-13	1.6E-08	2.0E-13	1.8E-11	4.3E-11	2.3E-12	2.3E-12	1.2E-13	3.3E-18	3.4E-08
Benzo(b)fluoranthene	8.7E-15	3.1E-09	6.4E-16	2.9E-09	1.2E-15	2.1E-12	4.8E-12	2.6E-13	2.6E-13	2.1E-14	1.9E-20	6.0E-09
Benzo(e)pyrene												

Table H-419 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	6.4E-18	1.3E-10	6.6E-17	1.2E-10	1.2E-16	1.8E-14	4.2E-14	2.3E-15	2.3E-15	8.6E-15	2.0E-20	2.4E-10
Biphenyl				3.8E-19	1.1E-18							1.4E-18
Chrysene	1.1E-16	2.5E-11	3.0E-16	2.2E-11	5.5E-16	8.0E-13	1.9E-12	1.0E-13	1.0E-13	1.6E-15	8.9E-20	5.0E-11
Dibenze(a,h)anthracene	1.6E-14	2.8E-14	3.8E-14	2.5E-14	7.0E-14	3.2E-12	7.3E-12	4.0E-13	4.0E-13	2.0E-19	1.2E-18	1.2E-11
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	3.9E-15	9.8E-10	1.1E-14	8.9E-10	2.0E-14	9.7E-13	2.2E-12	1.2E-13	1.2E-13	6.6E-15	3.3E-19	1.9E-09
Napthalene						7.2E-11	1.7E-10	9.0E-12	9.0E-12			2.6E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	6.1E-18	3.5E-19	4.9E-19	3.0E-19	8.4E-19	2.7E-14	6.1E-14	3.3E-15	3.3E-15	8.0E-21	4.9E-20	9.4E-14
Heptachlorobiphenyl	6.5E-18	1.2E-18	1.6E-18	9.8E-19	2.7E-18	1.0E-14	2.4E-14	1.3E-15	1.3E-15	1.4E-20	8.7E-20	3.7E-14
Hexachlorobiphenyl	2.6E-17	5.2E-18	7.3E-18	4.4E-18	1.2E-17	4.3E-14	1.0E-13	5.4E-15	5.4E-15	6.4E-20	3.9E-19	1.5E-13
Monochlorobiphenyl	4.2E-17	2.5E-18	3.4E-18	2.1E-18	5.8E-18	1.8E-13	4.3E-13	2.3E-14	2.3E-14	5.5E-20	3.4E-19	6.6E-13
Nonachlorobiphenyl	8.1E-19	2.0E-19	2.9E-19	1.7E-19	4.8E-19	1.5E-15	3.4E-15	1.8E-16	1.8E-16	2.5E-21	1.5E-20	5.2E-15
Octachlorobiphenyl	1.9E-18	3.8E-19	5.2E-19	3.2E-19	8.9E-19	3.2E-15	7.3E-15	4.0E-16	4.0E-16	4.6E-21	2.8E-20	1.1E-14
Pentachlorobiphenyl	8.8E-17	1.9E-17	2.6E-17	1.6E-17	4.4E-17	1.5E-13	3.4E-13	1.9E-14	1.9E-14	2.3E-19	1.4E-18	5.3E-13
Tetrachlorobiphenyl	1.8E-18	1.4E-19	1.9E-19	1.1E-19	3.2E-19	8.6E-15	2.0E-14	1.1E-15	1.1E-15	3.0E-21	1.9E-20	3.1E-14
Trichlorobiphenyl	2.4E-18	1.6E-19	2.3E-19	1.4E-19	3.8E-19	1.1E-14	2.5E-14	1.4E-15	1.4E-15	3.7E-21	2.3E-20	3.9E-14
Pesticides												
DDE				3.3E-08	3.8E-10					3.0E-10	1.9E-09	3.6E-08
Dieldrin		6.1E-09		7.2E-09						1.0E-13		1.3E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	7.1E-21					2.4E-13	5.5E-13	3.0E-14	3.0E-14			8.5E-13
2,4-Dimethylphenol												

Table H-419 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	9.8E-17	1.3E-15	1.9E-15	1.6E-15	4.4E-15	6.5E-12	1.5E-11	8.1E-13	8.1E-13	1.3E-20	8.2E-20	2.3E-11
Butyl benzyl phthalate	4.8E-18	8.8E-20	1.2E-19	1.0E-19	2.9E-19							5.4E-18
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	7.5E-18					1.4E-11	3.2E-11	1.7E-12	1.7E-12			5.0E-11
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	1.0E-21					1.4E-14	3.3E-14	1.8E-15	1.8E-15			5.1E-14
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	4.6E-19											4.6E-19
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	1.1E-20					5.9E-13	1.4E-12	7.4E-14	7.4E-14			2.1E-12
1,2-Dichloroethane	1.5E-20					8.5E-09	2.4E-12	3.7E-10	3.7E-10			9.2E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-419 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	1.6E-18					9.2E-08	2.2E-10	1.1E-09	1.1E-09			9.4E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	2.8E-22					5.0E-14	1.2E-13	6.3E-15	6.3E-15			1.8E-13
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	1.3E-22					1.3E-08	4.3E-14	1.3E-09	1.3E-09			1.6E-08
Chlorobenzene												
Chlorodibromomethane	2.2E-20											2.2E-20
Chloroethane												
Chloroform	1.2E-21					1.2E-08	1.5E-12	7.9E-10	7.9E-10			1.4E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	2.3E-19					7.7E-09	1.6E-11	8.7E-13	8.7E-13			7.7E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	7.4E-22					2.6E-15	6.0E-15	3.2E-16	3.2E-16			9.2E-15
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	2.0E-23					4.5E-16	1.0E-15	5.6E-17	5.6E-17			1.6E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	4.5E-24					2.9E-10	9.8E-16	5.3E-17	5.3E-17			2.9E-10
Trichlorofluoromethane												

Table H-419 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Vinyl chloride	4.9E-21					3.1E-13	7.2E-13	3.9E-14	3.9E-14			1.1E-12
Grand Total	4.5E-13	8.8E-08	9.8E-09	2.0E-07	4.7E-08	1.0E-06	7.4E-06	3.8E-09	3.8E-09	6.4E-10	2.7E-09	8.7E-06

Table H-420 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					4.9E-01	4.0E+00	7.9E-06	7.9E-06			4.5E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.2E-02	2.4E-02					1.1E-04	5.1E-04	3.6E-02
Antimony	3.9E-14			1.9E-03	1.2E-03							3.1E-03

Table H-420 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	9.1E-03	1.5E-03	2.1E-02	7.2E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	3.5E-05	2.6E-05	3.9E-02
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt	1.1E-01			1.1E-01	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.7E-04	6.7E-04	2.4E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				3.9E-02	5.7E-02							9.6E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.7E-04	1.1E-03	1.2E-03
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.8E-02	4.0E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.0E-04	9.5E-04	6.9E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Thallium (Soluble Salts)				8.1E-03	1.4E-02							2.3E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-420 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
DDE												
Dieldrin		5.4E-04		6.3E-04								1.2E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-420 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol								3.0E-02				3.0E-02
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					3.3E-03	9.1E-07	1.4E-04	1.4E-04			3.5E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07

Table H-420 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					2.7E-02	6.7E-05	3.2E-04	3.2E-04			2.8E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.6E-03	5.0E-09	1.5E-04	1.5E-04			1.9E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					3.7E-04	4.6E-08	2.4E-05	2.4E-05			4.2E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					2.1E-04	4.5E-07	2.4E-08	2.4E-08			2.2E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.5E-03	8.4E-09	4.5E-10	4.5E-10			2.5E-03
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-420 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	4.8E-09	9.6E-03	1.5E-03	2.2E-01	2.7E-01	5.6E-01	4.0E+00	1.0E-03	1.0E-03	8.9E-04	3.2E-03	5.1E+00

Table H-421 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						4.5E-11	1.1E-10	5.7E-12	5.7E-12			1.6E-10
Formaldehyde						8.9E-07	5.0E-06	1.4E-11	1.4E-11			5.9E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.7E-17	1.4E-14	2.0E-14	5.5E-14	1.5E-13	4.6E-12	1.1E-11	5.8E-13	5.8E-13	7.9E-19	4.9E-18	1.7E-11
1,2,3,4,6,7,8-HpCDF	1.7E-17	1.4E-14	2.0E-14	5.6E-14	1.6E-13	4.7E-12	1.1E-11	5.8E-13	5.8E-13	8.0E-19	4.9E-18	1.7E-11
1,2,3,4,7,8,9-HpCDF	2.7E-18	1.6E-15	2.3E-15	6.4E-15	1.8E-14	5.9E-13	1.4E-12	7.4E-14	7.4E-14	9.1E-20	5.6E-19	2.1E-12
1,2,3,4,7,8-HxCDD	2.0E-16	1.6E-14	2.2E-14	6.2E-14	1.7E-13	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.9E-19	5.5E-18	2.0E-11
1,2,3,4,7,8-HxCDF	1.4E-15	1.3E-13	1.8E-13	5.0E-13	1.4E-12	4.5E-11	1.0E-10	5.6E-12	5.6E-12	7.1E-18	4.4E-17	1.6E-10
1,2,3,6,7,8-HxCDD	4.0E-16	3.2E-14	4.5E-14	1.3E-13	3.6E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.8E-18	1.1E-17	4.2E-11
1,2,3,6,7,8-HxCDF	5.2E-16	4.1E-14	5.8E-14	1.6E-13	4.5E-13	1.5E-11	3.4E-11	1.8E-12	1.8E-12	2.3E-18	1.4E-17	5.3E-11
1,2,3,7,8,9-HxCDD	5.5E-16	5.1E-14	7.1E-14	2.0E-13	5.6E-13	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.9E-18	1.8E-17	6.4E-11
1,2,3,7,8,9-HxCDF	4.4E-17	2.9E-15	4.1E-15	1.2E-14	3.2E-14	1.1E-12	2.6E-12	1.4E-13	1.4E-13	1.7E-19	1.0E-18	4.0E-12
1,2,3,7,8-PeCDD	1.3E-14	1.8E-13	2.5E-13	7.1E-13	2.0E-12	7.0E-11	1.6E-10	8.8E-12	8.8E-12	1.0E-17	6.2E-17	2.5E-10
1,2,3,7,8-PeCDF	8.9E-16	1.1E-14	1.5E-14	4.1E-14	1.2E-13	5.0E-12	1.2E-11	6.2E-13	6.2E-13	5.9E-19	3.7E-18	1.8E-11
2,3,4,6,7,8-HxCDF	7.6E-16	6.4E-14	9.0E-14	2.5E-13	7.1E-13	2.3E-11	5.2E-11	2.8E-12	2.8E-12	3.6E-18	2.2E-17	8.2E-11
2,3,4,7,8-PeCDF	1.4E-14	2.5E-13	3.5E-13	9.9E-13	2.8E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	1.4E-17	8.8E-17	4.0E-10
2,3,7,8-TCDD	4.5E-15	3.7E-14	5.2E-14	1.5E-13	4.1E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	1.4E-15	8.9E-15	1.0E-10
2,3,7,8-TCDF	1.5E-15	6.7E-15	9.3E-15	2.6E-14	7.4E-14	1.0E-11	2.4E-11	1.3E-12	1.3E-12	3.8E-19	2.3E-18	3.7E-11
OCDD	2.3E-21	9.4E-17	1.3E-16	3.7E-16	1.0E-15	3.1E-14	7.1E-14	3.8E-15	3.8E-15	5.3E-21	3.3E-20	1.1E-13
OCDF	8.4E-22	3.6E-17	5.1E-17	1.4E-16	4.0E-16	1.1E-14	2.6E-14	1.4E-15	1.4E-15	2.1E-21	1.3E-20	4.1E-14
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-421 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.7E-17	5.8E-08	3.9E-09	1.4E-07	1.8E-08	3.6E-11	8.4E-11	4.6E-12	4.6E-12	3.2E-11	9.5E-12	2.2E-07
Barium												
Beryllium						1.5E-12	3.4E-12	1.8E-13	1.8E-13	1.8E-21	1.1E-20	5.2E-12
Cadmium						1.9E-11	4.5E-11	2.4E-12	2.4E-12	1.0E-21	6.3E-21	6.9E-11
Chromium												
Cobalt						1.3E-09	2.9E-09	1.6E-10	1.6E-10	2.1E-10	8.8E-10	5.6E-09
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						1.3E-11	3.0E-11	1.6E-12	1.6E-12	1.0E-10	5.3E-10	6.8E-10
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		9.9E-20	1.4E-19	9.0E-20	2.5E-19							5.8E-19
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	6.4E-14	1.7E-09	2.4E-14	1.6E-09	4.4E-14	4.7E-12	1.1E-11	5.9E-13	5.9E-13	3.6E-12	2.2E-11	3.3E-09
Benzo(a)pyrene	3.2E-13	1.8E-08	1.4E-08	1.6E-08	2.5E-08	1.8E-11	4.3E-11	2.3E-12	2.3E-12	1.2E-13	4.1E-13	7.3E-08
Benzo(b)fluoranthene	8.7E-15	3.1E-09	1.2E-09	2.9E-09	2.3E-09	2.1E-12	4.8E-12	2.6E-13	2.6E-13	2.1E-14	3.7E-14	9.5E-09
Benzo(e)pyrene												

Table H-421 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	6.4E-18	1.3E-10	6.6E-17	1.2E-10	1.2E-16	1.8E-14	4.2E-14	2.3E-15	2.3E-15	8.6E-15	2.0E-20	2.4E-10
Biphenyl				3.8E-19	1.1E-18							1.4E-18
Chrysene	1.1E-16	2.5E-11	3.0E-16	2.2E-11	5.5E-16	8.0E-13	1.9E-12	1.0E-13	1.0E-13	1.6E-15	8.9E-20	5.0E-11
Dibenze(a,h)anthracene	1.6E-14	2.8E-14	3.8E-14	2.5E-14	7.0E-14	3.2E-12	7.3E-12	4.0E-13	4.0E-13	2.0E-19	1.2E-18	1.2E-11
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	3.9E-15	9.8E-10	1.1E-14	8.9E-10	2.0E-14	9.7E-13	2.2E-12	1.2E-13	1.2E-13	6.6E-15	3.3E-19	1.9E-09
Napthalene						7.2E-11	1.7E-10	9.0E-12	9.0E-12			2.6E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	6.1E-18	3.5E-19	4.9E-19	3.0E-19	8.4E-19	2.7E-14	6.1E-14	3.3E-15	3.3E-15	8.0E-21	4.9E-20	9.4E-14
Heptachlorobiphenyl	6.5E-18	1.2E-18	1.6E-18	9.8E-19	2.7E-18	1.0E-14	2.4E-14	1.3E-15	1.3E-15	1.4E-20	8.7E-20	3.7E-14
Hexachlorobiphenyl	2.6E-17	5.2E-18	7.3E-18	4.4E-18	1.2E-17	4.3E-14	1.0E-13	5.4E-15	5.4E-15	6.4E-20	3.9E-19	1.5E-13
Monochlorobiphenyl	4.2E-17	2.5E-18	3.4E-18	2.1E-18	5.8E-18	1.8E-13	4.3E-13	2.3E-14	2.3E-14	5.5E-20	3.4E-19	6.6E-13
Nonachlorobiphenyl	8.1E-19	2.0E-19	2.9E-19	1.7E-19	4.8E-19	1.5E-15	3.4E-15	1.8E-16	1.8E-16	2.5E-21	1.5E-20	5.2E-15
Octachlorobiphenyl	1.9E-18	3.8E-19	5.2E-19	3.2E-19	8.9E-19	3.2E-15	7.3E-15	4.0E-16	4.0E-16	4.6E-21	2.8E-20	1.1E-14
Pentachlorobiphenyl	8.8E-17	1.9E-17	2.6E-17	1.6E-17	4.4E-17	1.5E-13	3.4E-13	1.9E-14	1.9E-14	2.3E-19	1.4E-18	5.3E-13
Tetrachlorobiphenyl	1.8E-18	1.4E-19	1.9E-19	1.1E-19	3.2E-19	8.6E-15	2.0E-14	1.1E-15	1.1E-15	3.0E-21	1.9E-20	3.1E-14
Trichlorobiphenyl	2.4E-18	1.6E-19	2.3E-19	1.4E-19	3.8E-19	1.1E-14	2.5E-14	1.4E-15	1.4E-15	3.7E-21	2.3E-20	3.9E-14
Pesticides												
DDE				3.3E-08	1.3E-09					3.0E-10	1.9E-09	3.7E-08
Dieldrin		6.1E-09		7.2E-09						1.0E-13		1.3E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	7.1E-21					2.4E-13	5.5E-13	3.0E-14	3.0E-14			8.5E-13
2,4-Dimethylphenol												

Table H-421 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	9.8E-17	1.3E-15	1.9E-15	1.6E-15	4.4E-15	6.5E-12	1.5E-11	8.1E-13	8.1E-13	1.3E-20	8.2E-20	2.3E-11
Butyl benzyl phthalate	4.8E-18	8.8E-20	1.2E-19	1.0E-19	2.9E-19							5.4E-18
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	7.5E-18					1.4E-11	3.2E-11	1.7E-12	1.7E-12			5.0E-11
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	1.0E-21					1.4E-14	3.3E-14	1.8E-15	1.8E-15			5.1E-14
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	4.6E-19											4.6E-19
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	1.1E-20					5.9E-13	1.4E-12	7.4E-14	7.4E-14			2.1E-12
1,2-Dichloroethane	1.5E-20					8.5E-09	2.4E-12	3.7E-10	3.7E-10			9.2E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-421 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	1.6E-18					9.2E-08	2.2E-10	1.1E-09	1.1E-09			9.4E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	2.8E-22					5.0E-14	1.2E-13	6.3E-15	6.3E-15			1.8E-13
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	1.3E-22					1.3E-08	4.3E-14	1.3E-09	1.3E-09			1.6E-08
Chlorobenzene												
Chlorodibromomethane	2.2E-20											2.2E-20
Chloroethane												
Chloroform	1.2E-21					1.2E-08	1.5E-12	7.9E-10	7.9E-10			1.4E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	2.3E-19					7.7E-09	1.6E-11	8.7E-13	8.7E-13			7.7E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	7.4E-22					2.6E-15	6.0E-15	3.2E-16	3.2E-16			9.2E-15
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	2.0E-23					4.5E-16	1.0E-15	5.6E-17	5.6E-17			1.6E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	4.5E-24					2.9E-10	9.8E-16	5.3E-17	5.3E-17			2.9E-10
Trichlorofluoromethane												

Table H-421 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	4.9E-21					3.1E-13	7.2E-13	3.9E-14	3.9E-14			1.1E-12
Grand Total	4.5E-13	8.8E-08	1.9E-08	2.0E-07	4.7E-08	1.0E-06	5.0E-06	3.8E-09	3.8E-09	6.4E-10	3.3E-09	6.4E-06

Table H-422 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					4.9E-01	2.7E+00	7.9E-06	7.9E-06			3.2E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.2E-02	1.9E-02					1.1E-04	4.1E-04	3.1E-02
Antimony	3.9E-14			1.9E-03	4.2E-04							2.3E-03

Table H-422 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	9.1E-03	6.1E-04	2.1E-02	2.9E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	3.5E-05	1.0E-05	3.4E-02
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt				1.1E-01	2.1E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.7E-04	1.1E-03	3.3E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				3.9E-02	6.2E-02							1.0E-01
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.7E-04	1.1E-03	1.2E-03
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.8E-02	6.6E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.0E-04	1.6E-03	9.6E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Thallium (Soluble Salts)				8.1E-03								8.1E-03
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-422 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
DDE												
Dieldrin		5.4E-04		6.3E-04								1.2E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-422 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						3.0E-02						3.0E-02
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					3.3E-03	9.1E-07	1.4E-04	1.4E-04			3.5E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07

Table H-422 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					2.7E-02	6.7E-05	3.2E-04	3.2E-04			2.8E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.6E-03	5.0E-09	1.5E-04	1.5E-04			1.9E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					3.7E-04	4.6E-08	2.4E-05	2.4E-05			4.2E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					2.1E-04	4.5E-07	2.4E-08	2.4E-08			2.2E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.5E-03	8.4E-09	4.5E-10	4.5E-10			2.5E-03
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-422 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	4.8E-09	9.6E-03	6.1E-04	2.2E-01	3.6E-01	5.6E-01	2.8E+00	1.0E-03	1.0E-03	8.9E-04	4.2E-03	3.9E+00

Table H-423 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						4.5E-11	1.6E-09	5.7E-12	5.4E-10			2.2E-09
Formaldehyde						8.9E-07	3.8E-09	1.4E-11	1.3E-09			9.0E-07
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.7E-17	1.4E-14	2.6E-13	5.5E-14	2.1E-12	4.6E-12	1.8E-10	5.8E-13	6.1E-11	7.9E-19	6.5E-17	2.5E-10
1,2,3,4,6,7,8-HpCDF	1.7E-17	1.4E-14	2.6E-13	5.6E-14	2.1E-12	4.7E-12	1.8E-10	5.8E-13	6.2E-11	8.0E-19	6.5E-17	2.5E-10
1,2,3,4,7,8,9-HpCDF	2.7E-18	1.6E-15	3.2E-14	6.4E-15	2.5E-13	5.9E-13	2.4E-11	7.4E-14	8.0E-12	9.1E-20	7.9E-18	3.3E-11
1,2,3,4,7,8-HxCDD	2.0E-16	1.6E-14	3.1E-13	6.2E-14	2.4E-12	5.5E-12	2.2E-10	6.9E-13	7.4E-11	8.9E-19	7.6E-17	3.1E-10
1,2,3,4,7,8-HxCDF	1.4E-15	1.3E-13	2.4E-12	5.0E-13	1.9E-11	4.5E-11	1.8E-09	5.6E-12	6.0E-10	7.1E-18	6.0E-16	2.5E-09
1,2,3,6,7,8-HxCDD	4.0E-16	3.2E-14	6.3E-13	1.3E-13	4.9E-12	1.2E-11	4.7E-10	1.5E-12	1.6E-10	1.8E-18	1.6E-16	6.5E-10
1,2,3,6,7,8-HxCDF	5.2E-16	4.1E-14	8.0E-13	1.6E-13	6.3E-12	1.5E-11	5.9E-10	1.8E-12	2.0E-10	2.3E-18	2.0E-16	8.1E-10
1,2,3,7,8,9-HxCDD	5.5E-16	5.1E-14	9.8E-13	2.0E-13	7.8E-12	1.8E-11	7.1E-10	2.2E-12	2.4E-10	2.9E-18	2.4E-16	9.8E-10
1,2,3,7,8,9-HxCDF	4.4E-17	2.9E-15	5.8E-14	1.2E-14	4.6E-13	1.1E-12	4.6E-11	1.4E-13	1.5E-11	1.7E-19	1.4E-17	6.3E-11
1,2,3,7,8-PeCDD	1.3E-14	1.8E-13	3.5E-12	7.1E-13	2.8E-11	7.0E-11	2.9E-09	8.8E-12	9.5E-10	1.0E-17	8.7E-16	3.9E-09
1,2,3,7,8-PeCDF	8.9E-16	1.1E-14	2.1E-13	4.1E-14	1.6E-12	5.0E-12	2.0E-10	6.2E-13	6.8E-11	5.9E-19	5.2E-17	2.8E-10
2,3,4,6,7,8-HxCDF	7.6E-16	6.4E-14	1.2E-12	2.5E-13	9.6E-12	2.3E-11	9.0E-10	2.8E-12	3.0E-10	3.6E-18	3.0E-16	1.2E-09
2,3,4,7,8-PeCDF	1.4E-14	2.5E-13	4.9E-12	9.9E-13	3.9E-11	1.1E-10	4.6E-09	1.4E-11	1.5E-09	1.4E-17	1.2E-15	6.3E-09
2,3,7,8-TCDD	4.5E-15	3.7E-14	5.3E-13	1.5E-13	4.2E-12	2.8E-11	9.4E-10	3.5E-12	3.1E-10	1.4E-15	9.2E-14	1.3E-09
2,3,7,8-TCDF	1.5E-15	6.7E-15	1.3E-13	2.6E-14	1.1E-12	1.0E-11	4.3E-10	1.3E-12	1.4E-10	3.8E-19	3.3E-17	5.8E-10
OCDD	2.3E-21	9.4E-17	1.7E-15	3.7E-16	1.4E-14	3.1E-14	1.2E-12	3.8E-15	4.0E-13	5.3E-21	4.3E-19	1.7E-12
OCDF	8.4E-22	3.6E-17	6.5E-16	1.4E-16	5.1E-15	1.1E-14	4.5E-13	1.4E-15	1.5E-13	2.1E-21	1.6E-19	6.1E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-423 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.7E-17	5.8E-08	1.0E-18	1.4E-07	4.9E-18	3.6E-11	1.3E-09	4.6E-12	4.3E-10	3.2E-11	2.5E-21	2.0E-07
Barium												
Beryllium						1.5E-12	5.0E-11	1.8E-13	1.7E-11	1.8E-21	1.5E-19	6.8E-11
Cadmium						1.9E-11	6.8E-10	2.4E-12	2.3E-10	1.0E-21	8.7E-20	9.3E-10
Chromium												
Cobalt						1.3E-09	2.3E-08	1.6E-10	7.7E-09	2.1E-10	7.8E-14	3.2E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						1.3E-11	4.4E-10	1.6E-12	1.5E-10	1.0E-10	6.2E-20	7.1E-10
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		9.9E-20	2.0E-18	9.0E-20	3.7E-18							5.9E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	6.4E-14	1.7E-09	3.8E-13	1.6E-09	7.0E-13	4.7E-12	2.0E-10	5.9E-13	6.8E-11	3.6E-12	3.5E-15	3.6E-09
Benzo(a)pyrene	3.2E-13	1.8E-08	1.7E-12	1.6E-08	3.0E-12	1.8E-11	7.7E-10	2.3E-12	2.6E-10	1.2E-13	4.9E-17	3.5E-08
Benzo(b)fluoranthene	8.7E-15	3.1E-09	8.9E-15	2.9E-09	1.6E-14	2.1E-12	8.3E-11	2.6E-13	2.8E-11	2.1E-14	2.6E-19	6.1E-09
Benzo(e)pyrene												

Table H-423 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	6.4E-18	1.3E-10	4.4E-16	1.2E-10	7.9E-16	1.8E-14	3.3E-13	2.3E-15	1.1E-13	8.6E-15	1.3E-19	2.4E-10
Biphenyl				3.8E-19	1.6E-17							1.6E-17
Chrysene	1.1E-16	2.5E-11	4.4E-15	2.2E-11	8.0E-15	8.0E-13	3.3E-11	1.0E-13	1.1E-11	1.6E-15	1.3E-18	9.2E-11
Dibenze(a,h)anthracene	1.6E-14	2.8E-14	5.5E-13	2.5E-14	1.0E-12	3.2E-12	1.3E-10	4.0E-13	4.4E-11	2.0E-19	1.8E-17	1.8E-10
Fluorene												
Indeno(1,2,3-cd)pyrene	3.9E-15	9.8E-10	1.6E-13	8.9E-10	2.9E-13	9.7E-13	4.0E-11	1.2E-13	1.3E-11	6.6E-15	4.7E-18	1.9E-09
Napthalene						7.2E-11	3.0E-09	9.0E-12	1.0E-09			4.1E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	6.1E-18	3.5E-19	7.0E-18	3.0E-19	1.2E-17	2.7E-14	1.1E-12	3.3E-15	3.6E-13	8.0E-21	7.0E-19	1.5E-12
Heptachlorobiphenyl	6.5E-18	1.2E-18	2.2E-17	9.8E-19	3.8E-17	1.0E-14	4.2E-13	1.3E-15	1.4E-13	1.4E-20	1.2E-18	5.7E-13
Hexachlorobiphenyl	2.6E-17	5.2E-18	9.4E-17	4.4E-18	1.6E-16	4.3E-14	1.7E-12	5.4E-15	5.6E-13	6.4E-20	5.1E-18	2.3E-12
Monochlorobiphenyl	4.2E-17	2.5E-18	4.9E-17	2.1E-18	8.3E-17	1.8E-13	7.6E-12	2.3E-14	2.5E-12	5.5E-20	4.9E-18	1.0E-11
Nonachlorobiphenyl	8.1E-19	2.0E-19	3.2E-18	1.7E-19	5.4E-18	1.5E-15	5.2E-14	1.8E-16	1.7E-14	2.5E-21	1.7E-19	7.1E-14
Octachlorobiphenyl	1.9E-18	3.8E-19	6.8E-18	3.2E-19	1.2E-17	3.2E-15	1.2E-13	4.0E-16	4.1E-14	4.6E-21	3.7E-19	1.7E-13
Pentachlorobiphenyl	8.8E-17	1.9E-17	3.2E-16	1.6E-17	5.4E-16	1.5E-13	5.6E-12	1.9E-14	1.9E-12	2.3E-19	1.7E-17	7.7E-12
Tetrachlorobiphenyl	1.8E-18	1.4E-19	2.3E-18	1.1E-19	3.9E-18	8.6E-15	3.2E-13	1.1E-15	1.1E-13	3.0E-21	2.3E-19	4.4E-13
Trichlorobiphenyl	2.4E-18	1.6E-19	2.9E-18	1.4E-19	4.9E-18	1.1E-14	4.2E-13	1.4E-15	1.4E-13	3.7E-21	2.9E-19	5.8E-13
Pesticides												
DDE				3.3E-08						3.0E-10		3.4E-08
Dieldrin		6.1E-09		7.2E-09						1.0E-13		1.3E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	7.1E-21					2.4E-13	1.1E-11	3.0E-14	3.6E-12			1.5E-11
2,4-Dimethylphenol												

Table H-423 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	9.8E-17	1.3E-15	2.4E-14	1.6E-15	5.7E-14	6.5E-12	2.5E-10	8.1E-13	8.5E-11	1.3E-20	1.1E-18	3.5E-10
Butyl benzyl phthalate	4.8E-18	8.8E-20	1.8E-18	1.0E-19	4.3E-18							1.1E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	7.5E-18					1.4E-11	2.5E-10	1.7E-12	8.3E-11			3.5E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	1.0E-21					1.4E-14	4.8E-13	1.8E-15	1.6E-13			6.6E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	4.6E-19											4.6E-19
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	1.1E-20					5.9E-13	1.1E-11	7.4E-14	3.5E-12			1.5E-11
1,2-Dichloroethane	1.5E-20					8.5E-09	3.9E-11	3.7E-10	1.3E-11			8.9E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-423 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	1.6E-18					9.2E-08	3.8E-09	1.1E-09	1.3E-09			9.8E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	2.8E-22					5.0E-14	9.0E-13	6.3E-15	3.0E-13			1.3E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	1.3E-22					1.3E-08	3.3E-13	1.3E-09	1.1E-13			1.5E-08
Chlorobenzene												
Chlorodibromomethane	2.2E-20											2.2E-20
Chloroethane												
Chloroform	1.2E-21					1.2E-08	1.3E-11	7.9E-10	4.2E-12			1.3E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	2.3E-19					7.7E-09	2.6E-10	8.7E-13	8.8E-11			8.0E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	7.4E-22					2.6E-15	9.5E-14	3.2E-16	3.2E-14			1.3E-13
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	2.0E-23					4.5E-16	1.6E-14	5.6E-17	5.2E-15			2.1E-14
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	4.5E-24					2.9E-10	7.6E-15	5.3E-17	2.5E-15			2.9E-10
Trichlorofluoromethane												

Table H-423 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	4.9E-21					3.1E-13	7.6E-12	3.9E-14	2.5E-12			1.0E-11
Grand Total	4.5E-13	8.8E-08	1.9E-11	2.0E-07	1.3E-10	1.0E-06	5.4E-08	3.8E-09	1.8E-08	6.4E-10	1.8E-13	1.4E-06

Table H-424 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	1.5E-03	5.2E-06	5.0E-04			2.0E-03
Aldehydes												
Acetaldehyde						1.6E-04	5.8E-03	2.0E-05	1.9E-03			7.9E-03
Formaldehyde	2.3E-12					4.9E-01	2.1E-03	7.9E-06	6.9E-04			4.9E-01
Propionaldehyde						2.0E-05	7.2E-04	2.5E-06	2.4E-04	2.1E-12	1.5E-10	9.8E-04
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.5E-07	2.0E-07	5.9E-06	1.3E-06	4.3E-05	1.6E-07	1.4E-05	1.2E-10	7.8E-09	6.6E-05
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	7.7E-03	2.5E-05	2.6E-03			1.1E-02
Metals												
Aluminum				1.2E-02						1.1E-04		1.2E-02
Antimony	3.9E-14			1.9E-03								1.9E-03

Table H-424 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	9.1E-03	1.6E-13	2.1E-02	7.6E-13	4.0E-05	1.4E-03	4.9E-06	4.7E-04	3.5E-05	2.7E-15	3.2E-02
Barium	1.2E-11			1.6E-08	5.4E-07	2.5E-04	6.8E-03	3.1E-05	2.3E-03	3.1E-10	2.3E-08	9.3E-03
Beryllium	1.7E-14			5.2E-13	2.0E-11	2.1E-06	7.3E-05	2.7E-07	2.4E-05	2.6E-15	2.1E-13	9.9E-05
Cadmium	8.3E-12			8.2E-13	3.1E-11	7.6E-05	2.6E-03	9.5E-06	8.8E-04	4.0E-15	3.4E-13	3.6E-03
Chromium	1.7E-15			5.5E-11	2.2E-09							2.2E-09
Cobalt				1.1E-01	3.3E-05	1.6E-03	3.0E-02	2.0E-04	9.9E-03	2.7E-04	1.8E-07	1.5E-01
Copper				8.4E-09	3.2E-07							3.3E-07
Iron				3.9E-02								3.9E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.5E-09	7.8E-08	2.8E-06	9.8E-09	9.2E-07	5.6E-15	3.8E-13	3.8E-06
Mercury, elemental						3.3E-10	1.2E-08	4.1E-11	3.8E-09	1.7E-04		1.7E-04
Methyl Mercury	8.7E-11			2.0E-11	7.9E-10							8.9E-10
Nickel	1.7E-13			2.8E-02	7.8E-12	3.9E-05	1.3E-03	4.8E-06	4.4E-04	3.0E-04	1.9E-13	3.0E-02
Phosphorus				3.7E-10	1.4E-08							1.4E-08
Selenium	5.5E-14			8.1E-15	3.1E-13	8.7E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-20	8.4E-18	4.2E-07
Silver	4.2E-14			1.7E-10	6.2E-09							6.4E-09
Thallium (Soluble Salts)				8.1E-03								8.1E-03
Titanium												
Zinc	1.4E-11			6.1E-13	2.2E-11							3.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	6.9E-14	3.1E-15	1.3E-13							2.0E-13
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	1.2E-12	5.2E-14	2.1E-12							3.4E-12
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-424 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	2.8E-13	2.8E-04	1.2E-02	3.5E-05	3.9E-03	4.9E-12	4.5E-10	1.6E-02
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	3.4E-11	1.5E-12	6.3E-11							1.1E-10
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	2.1E-03	6.2E-06	6.9E-04			2.8E-03
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.7E-10	7.6E-12	3.1E-10							5.1E-10
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.8E-10	7.8E-12	3.1E-10							6.0E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	7.2E-11	3.2E-12	1.2E-10	9.8E-10	3.9E-08	1.2E-10	1.3E-08	2.5E-15	2.1E-13	5.4E-08
Hexachlorobiphenyl	4.6E-11	1.7E-11	3.0E-10	1.4E-11	5.1E-10	4.1E-06	1.6E-04	5.1E-07	5.3E-05	1.1E-11	8.8E-10	2.2E-04
Monochlorobiphenyl	6.1E-10	6.4E-11	1.3E-09	5.4E-11	2.2E-09							4.2E-09
Nonachlorobiphenyl	1.4E-12	6.6E-13	1.0E-11	5.6E-13	1.7E-11							3.0E-11
Octachlorobiphenyl	3.4E-12	1.2E-12	2.2E-11	1.0E-12	3.7E-11							6.5E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	1.0E-09	5.1E-11	1.8E-09	4.6E-05	1.7E-03	5.7E-06	5.7E-04	1.3E-10	9.9E-09	2.3E-03
Tetrachlorobiphenyl	2.6E-11	3.5E-12	6.0E-11	3.0E-12	1.0E-10	2.3E-07	8.7E-06	2.9E-08	2.9E-06	1.5E-13	1.1E-11	1.2E-05
Trichlorobiphenyl	3.4E-11	4.3E-12	7.6E-11	3.6E-12	1.3E-10							2.5E-10
Pesticides												
DDE												
Dieldrin		5.4E-04		6.3E-04								1.2E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	4.3E-06	1.7E-08	1.4E-06			5.9E-06
1,2-dichlorobenzene	3.1E-17					5.4E-10	9.7E-09	6.8E-11	3.2E-09			1.4E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	8.5E-08	2.4E-10	2.8E-08			1.2E-07
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-424 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	3.9E-06	1.2E-08	1.3E-06			5.3E-06
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	6.0E-09	4.0E-10	1.4E-08							2.1E-08
Butyl benzyl phthalate	8.8E-13	1.6E-14	3.3E-13	1.9E-14	7.9E-13							2.0E-12
Carbazole												
Dibenzofuran		1.4E-13	2.9E-12	5.7E-13	2.3E-11							2.6E-11
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	6.7E-13	3.9E-14	1.6E-12							1.9E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	8.7E-12	1.1E-12	2.1E-11							3.1E-11
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						3.0E-02						3.0E-02
Phenol	4.9E-13					1.5E-06	6.2E-05	1.9E-07	2.1E-05			8.5E-05
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	1.0E-09	3.3E-12	3.3E-10			1.4E-09
1,1-Dichloroethene	1.2E-19					1.3E-10	2.3E-09	1.6E-11	7.7E-10			3.2E-09
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	6.4E-06	4.5E-08	2.1E-06			9.0E-06
1,2,4-Trimethylbenzene						8.9E-07	2.8E-05	1.1E-07	9.4E-06			3.9E-05
1,2-Dibromoethane	4.1E-17					7.7E-09	1.4E-07	9.6E-10	4.6E-08			1.9E-07
1,2-Dichloroethane	1.9E-15					3.3E-03	1.5E-05	1.4E-04	5.0E-06			3.4E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	2.6E-07	8.3E-10	8.7E-08			3.6E-07
2-Chlorotoluene												
2-Hexanone						2.3E-07	8.2E-06	2.8E-08	2.7E-06			1.1E-05

Table H-424 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					2.7E-02	1.1E-03	3.2E-04	3.8E-04			2.9E-02
Bromobenzene						6.2E-07	1.1E-05	7.8E-08	3.7E-06			1.5E-05
Bromochloromethane						2.2E-09	3.9E-08	2.8E-10	1.3E-08			5.5E-08
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	2.3E-05	9.5E-08	7.6E-06			3.1E-05
Carbon disulfide	1.3E-17					4.8E-09	1.4E-07	6.0E-10	4.7E-08			1.9E-07
Carbon tetrachloride	3.4E-17					1.6E-03	3.9E-08	1.5E-04	1.3E-08			1.7E-03
Chlorobenzene	2.3E-15					9.6E-08	3.4E-06	1.2E-08	1.1E-06			4.7E-06
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	3.2E-08	1.1E-10	1.1E-08			4.3E-08
Chloroform	2.8E-16					3.7E-04	3.9E-07	2.4E-05	1.3E-07			4.0E-04
Chloromethane						3.4E-07	1.0E-05	4.3E-08	3.5E-06			1.4E-05
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	9.1E-07	6.4E-09	3.0E-07			1.3E-06
Dichlorodifluoromethane	2.4E-20					2.5E-09	4.4E-08	3.1E-10	1.5E-08			6.2E-08
Ethylbenzene	1.5E-14					2.1E-04	7.4E-06	2.4E-08	2.5E-06			2.2E-04
Isopropylbenzene	2.0E-17					3.9E-08	1.3E-06	4.9E-09	4.5E-07			1.8E-06
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.1E-09	1.5E-11	7.1E-10			3.0E-09
Methylene chloride	4.3E-15					3.0E-08	1.1E-06	3.8E-09	3.7E-07			1.5E-06
n-Butylbenzene												
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07			4.2E-07
o-Xylene	1.4E-15					2.3E-07	7.6E-06	2.9E-08	2.5E-06			1.0E-05
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.9E-05	6.4E-08	6.2E-06			2.5E-05
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	1.1E-07	3.8E-10	3.5E-08			1.4E-07
Toluene	2.0E-14					6.3E-08	2.5E-06	7.9E-09	8.3E-07			3.4E-06
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.5E-03	6.5E-08	4.5E-10	2.2E-08			2.5E-03
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-424 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					5.0E-08	1.2E-06	6.2E-09	4.0E-07			1.7E-06
Grand Total	4.8E-09	9.6E-03	7.6E-07	2.2E-01	4.0E-05	5.6E-01	7.7E-02	1.0E-03	2.6E-02	8.9E-04	2.2E-07	8.9E-01

Table H-425 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Ingestion of Soil at CJ	Inhalation of Indoor Air at CJ	Inhalation of Outdoor Air at CJ	Inhalation of Particulate/Vapors Outdoors at CJ	Grand Total
Acid Gas							
Hydrogen Chloride							
Aldehydes							
Acetaldehyde				1.1E-10	3.7E-11		1.5E-10
Formaldehyde				2.8E-10	9.3E-11		3.7E-10
Propionaldehyde							
CO							
Carbon monoxide							
CO2							
Carbon dioxide							
Criteria							
Sulfur Dioxide							
DIOXINS							
1,2,3,4,6,7,8-HpCDD	1.3E-17	1.5E-14	1.2E-13	1.1E-11	3.7E-12	5.1E-18	1.5E-11
1,2,3,4,6,7,8-HpCDF	1.3E-17	1.5E-14	1.2E-13	1.1E-11	3.8E-12	5.2E-18	1.5E-11
1,2,3,4,7,8,9-HpCDF	2.1E-18	1.7E-15	1.4E-14	1.4E-12	4.8E-13	5.9E-19	1.9E-12
1,2,3,4,7,8-HxCDD	1.6E-16	1.7E-14	1.3E-13	1.3E-11	4.5E-12	5.8E-18	1.8E-11
1,2,3,4,7,8-HxCDF	1.1E-15	1.4E-13	1.1E-12	1.1E-10	3.6E-11	4.6E-17	1.5E-10
1,2,3,6,7,8-HxCDD	3.1E-16	3.5E-14	2.7E-13	2.8E-11	9.4E-12	1.2E-17	3.8E-11
1,2,3,6,7,8-HxCDF	4.0E-16	4.5E-14	3.5E-13	3.5E-11	1.2E-11	1.5E-17	4.8E-11
1,2,3,7,8,9-HxCDD	4.3E-16	5.5E-14	4.3E-13	4.3E-11	1.4E-11	1.9E-17	5.8E-11
1,2,3,7,8,9-HxCDF	3.4E-17	3.2E-15	2.5E-14	2.7E-12	9.1E-13	1.1E-18	3.6E-12

Table H-425 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Ingestion of Soil at CJ	Inhalation of Indoor Air at CJ	Inhalation of Outdoor Air at CJ	Inhalation of Particulate/Vapors Outdoors at CJ	Grand Total
1,2,3,7,8-PeCDD	9.8E-15	1.9E-13	1.5E-12	1.7E-10	5.7E-11	6.6E-17	2.3E-10
1,2,3,7,8-PeCDF	6.9E-16	1.1E-14	9.0E-14	1.2E-11	4.0E-12	3.8E-18	1.6E-11
2,3,4,6,7,8-HxCDF	5.8E-16	7.0E-14	5.5E-13	5.5E-11	1.8E-11	2.4E-17	7.4E-11
2,3,4,7,8-PeCDF	1.1E-14	2.7E-13	2.1E-12	2.7E-10	9.1E-11	9.2E-17	3.6E-10
2,3,7,8-TCDD	3.4E-15	4.0E-14	3.1E-13	6.8E-11	2.3E-11	9.4E-15	9.2E-11
2,3,7,8-TCDF	1.1E-15	7.2E-15	5.7E-14	2.5E-11	8.4E-12	2.4E-18	3.4E-11
OCDD	1.7E-21	1.0E-16	8.0E-16	7.4E-14	2.5E-14	3.5E-20	1.0E-13
OCDF	6.5E-22	3.9E-17	3.1E-16	2.8E-14	9.3E-15	1.3E-20	3.8E-14
HCN							
Hydrogen cyanide							
Metals							
Aluminum							
Antimony							
Arsenic	1.3E-17	3.8E-09	1.8E-08	8.9E-11	3.0E-11	1.3E-11	2.2E-08
Barium							
Beryllium				3.6E-12	1.2E-12	1.1E-20	4.8E-12
Cadmium				4.7E-11	1.6E-11	6.7E-21	6.3E-11
Chromium							
Cobalt				3.1E-09	1.0E-09	5.4E-10	4.6E-09
Copper							
Iron							
Lead							

Table H-425 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Ingestion of Soil at CJ	Inhalation of Indoor Air at CJ	Inhalation of Outdoor Air at CJ	Inhalation of Particulate/Vapors Outdoors at CJ	Grand Total
Manganese							
Mercury (+2)							
Mercury, elemental							
Methyl Mercury							
Nickel				3.1E-11	1.0E-11	3.0E-10	3.4E-10
Phosphorus							
Selenium							
Silver							
Thallium (Soluble Salts)							
Titanium							
Zinc							
NOx							
NOx (Oxides of Nitrogen)							
PAHs							
1-Methylnaphthalene		1.1E-19	1.9E-19				3.0E-19
1-Methylphenanthrene							
2,3,5-Trimethylnaphthalene							
2,6-Dimethylnaphthalene							
2-Methylnaphthalene							
Acenaphthylene							
Acenaphthene							
Anthracene							

Table H-425 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Ingestion of Soil at CJ	Inhalation of		Inhalation of Particulate/Vapors Outdoors at CJ	Grand Total
				Indoor Air at CJ	Outdoor Air at CJ		
Benzo(a)anthracene	4.9E-14	4.1E-09	7.5E-09	1.1E-11	3.8E-12	5.1E-11	1.2E-08
Benzo(a)pyrene	2.5E-13	4.5E-08	8.2E-08	4.5E-11	1.5E-11	1.8E-12	1.3E-07
Benzo(b)fluoranthene	6.7E-15	6.4E-09	1.2E-08	5.0E-12	1.7E-12	2.6E-13	1.8E-08
Benzo(e)pyrene							
Benzo(g,h,i)perylene							
Benzo(k)fluoranthene	4.9E-18	3.2E-10	5.8E-10	4.4E-14	1.5E-14	1.3E-13	9.0E-10
Biphenyl			8.2E-19				8.2E-19
Chrysene	8.5E-17	4.6E-11	8.4E-11	2.0E-12	6.5E-13	1.9E-14	1.3E-10
Dibenze(a,h)anthracene	1.2E-14	1.1E-08	2.0E-08	7.7E-12	2.6E-12	4.9E-13	3.2E-08
Fluoranthene							
Fluorene							
Indeno(1,2,3-cd)pyrene	3.0E-15	2.9E-09	5.3E-09	2.4E-12	7.8E-13	1.2E-13	8.3E-09
Napthalene				1.8E-10	5.8E-11		2.3E-10
Perylene							
Phenanthrene							
Pyrene							
Particulate							
Particulate Total Suspended Particulate							
PM<10							
PM<2.5							
PCBs							
Dichlorobiphenyl	4.7E-18	3.8E-19	6.4E-19	6.4E-14	2.1E-14	5.2E-20	8.6E-14

Table H-425 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Ingestion of Soil at CJ	Inhalation of		Inhalation of Particulate/ Vapors Outdoors at CJ	Grand Total
				Indoor Air at CJ	Outdoor Air at CJ		
Heptachlorobiphenyl	5.0E-18	1.2E-18	2.1E-18	2.5E-14	8.4E-15	9.2E-20	3.3E-14
Hexachlorobiphenyl	2.0E-17	5.6E-18	9.5E-18	1.1E-13	3.5E-14	4.1E-19	1.4E-13
Monochlorobiphenyl	3.3E-17	2.7E-18	4.5E-18	4.5E-13	1.5E-13	3.6E-19	6.0E-13
Nonachlorobiphenyl	6.3E-19	2.2E-19	3.7E-19	3.6E-15	1.2E-15	1.6E-20	4.7E-15
Octachlorobiphenyl	1.5E-18	4.1E-19	6.8E-19	7.7E-15	2.6E-15	3.0E-20	1.0E-14
Pentachlorobiphenyl	6.8E-17	2.0E-17	3.4E-17	3.6E-13	1.2E-13	1.5E-18	4.8E-13
Tetrachlorobiphenyl	1.4E-18	1.5E-19	2.5E-19	2.1E-14	7.0E-15	2.0E-20	2.8E-14
Trichlorobiphenyl	1.8E-18	1.8E-19	3.0E-19	2.7E-14	8.8E-15	2.4E-20	3.5E-14
Pesticides							
DDE			8.2E-10			2.2E-11	8.4E-10
Dieldrin		1.8E-09	4.2E-09			1.8E-13	5.9E-09
SVOCs							
1,2,4-trichlorobenzene							
1,2-dichlorobenzene							
1,3-dichlorobenzene							
1,4-dichlorobenzene	5.5E-21			5.8E-13	1.9E-13		7.7E-13
2,4-Dimethylphenol							
2-Chlorophenol							
2-Methylphenol							
2-Nitrophenol							
3-Methylphenol & 4-Methylphenol							
4-Nitrophenol							

Table H-425 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Ingestion of Soil at CJ	Inhalation of Indoor Air at CJ	Inhalation of Outdoor Air at CJ	Inhalation of Particulate/Vapors Outdoors at CJ	Grand Total
Acetophenone							
Benzoic acid							
Benzyl alcohol							
bis(2-Ethylhexyl) phthalate	7.6E-17	1.4E-15	3.4E-15	1.6E-11	5.3E-12	8.6E-20	2.1E-11
Butyl benzyl phthalate	3.7E-18	9.5E-20	2.3E-19				4.0E-18
Carbazole							
Dibenzofuran							
Dimethyl phthalate							
Di-n-butyl phthalate							
Di-n-octyl phthalate							
Hexachlorobutadiene	5.8E-18			3.4E-11	1.1E-11		4.5E-11
Isopropanol							
p-Chloroaniline		7.2E-10	1.7E-09				2.4E-09
Phenol							
Pyridine							
TRS							
Total Reduced Sulfur							
VOCs							
1,1,1,2-Tetrachloroethane	7.7E-22			3.5E-14	1.2E-14		4.6E-14
1,1,1-Trichloroethane							
1,1-Dichloroethene							
1,2,3-Trichlorobenzene							

Table H-425 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Ingestion of Soil at CJ	Inhalation of Indoor Air at CJ	Inhalation of Outdoor Air at CJ	Inhalation of Particulate/Vapors Outdoors at CJ	Grand Total
1,2,3-Trichloropropane	3.6E-19						3.6E-19
1,2,4-Trimethylbenzene							
1,2-Dibromoethane	8.2E-21			1.4E-12	4.8E-13		1.9E-12
1,2-Dichloroethane	1.2E-20			1.7E-08	2.4E-09		2.0E-08
1,3,5-Trimethylbenzene							
1,3-Dichloropropane							
2-Butanone							
2-Chlorotoluene							
2-Hexanone							
Benzene	1.2E-18			3.2E-08	7.0E-09		3.9E-08
Bromobenzene							
Bromochloromethane							
Bromodichloromethane	2.1E-22			1.9E-07	4.1E-14		1.9E-07
Bromoform				2.5E-08			2.5E-08
Bromomethane							
Carbon disulfide							
Carbon tetrachloride	1.0E-22			3.5E-08	8.6E-09		4.4E-08
Chlorobenzene							
Chlorodibromomethane	1.7E-20						1.7E-20
Chloroethane							
Chloroform	9.6E-22			2.7E-07	5.1E-09		2.8E-07
Chloromethane							

Table H-425 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Ingestion of Soil at CJ	Inhalation of Indoor Air at CJ	Inhalation of Outdoor Air at CJ	Inhalation of Particulate/Vapors Outdoors at CJ	Grand Total
cis-1,2-Dichloroethene							
cis-1,3-Dichloropropene							
Dibromomethane							
Dichlorodifluoromethane							
Ethylbenzene	1.8E-19			8.3E-09	5.7E-12		8.3E-09
Isopropylbenzene							
m&p-Xylene							
Methyl Isobutyl Ketone (4-methyl-2							
Methylene chloride	5.7E-22			6.3E-15	2.1E-15		8.4E-15
n-Butylbenzene							
n-Propylbenzene							
o-Xylene							
p-Chlorotoluene							
p-Isopropyltoluene							
sec-Butylbenzene							
Styrene							
tert-Butylbenzene							
Tetrachloroethene	1.5E-23			1.1E-15	3.6E-16		1.5E-15
Toluene							
trans-1,2-Dichloroethene							
trans-1,3-Dichloropropene							
Trichloroethene	3.4E-24			2.8E-08	3.4E-16		2.8E-08

Table H-425 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Ingestion of Soil at CJ	Inhalation of Indoor Air at CJ	Inhalation of Outdoor Air at CJ	Inhalation of Particulate/Vapors Outdoors at CJ	Grand Total
Trichlorofluoromethane							
Vinyl chloride	3.8E-21			7.6E-13	2.5E-13		1.0E-12
Grand Total	3.5E-13	7.7E-08	1.5E-07	6.1E-07	2.5E-08	9.3E-10	8.7E-07

Table H-426 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Ingestion of Soil at CJ	Inhalation of Indoor Air at CJ	Inhalation of Outdoor Air at CJ	Inhalation of Particulate/Vapors Outdoors at CJ	Grand Total
Acid Gas							
Hydrogen Chloride				1.4E-04	4.6E-05		1.8E-04
Aldehydes							
Acetaldehyde				5.3E-04	1.8E-04		7.0E-04
Formaldehyde	2.4E-12			2.1E-04	6.9E-05		2.8E-04
Propionaldehyde				6.5E-05	2.2E-05	1.8E-11	8.7E-05
CO							
Carbon monoxide							
CO2							
Carbon dioxide							
Criteria							
Sulfur Dioxide							
DIOXINS							
1,2,3,4,6,7,8-HpCDD							
1,2,3,4,6,7,8-HpCDF							
1,2,3,4,7,8,9-HpCDF							
1,2,3,4,7,8-HxCDD							
1,2,3,4,7,8-HxCDF							
1,2,3,6,7,8-HxCDD							
1,2,3,6,7,8-HxCDF							
1,2,3,7,8,9-HxCDD							
1,2,3,7,8,9-HxCDF							

Table H-426 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Ingestion of Soil at CJ	Inhalation of Indoor Air at CJ	Inhalation of Outdoor Air at CJ	Inhalation of Particulate/Vapors Outdoors at CJ	Grand Total
1,2,3,7,8-PeCDD							
1,2,3,7,8-PeCDF							
2,3,4,6,7,8-HxCDF							
2,3,4,7,8-PeCDF							
2,3,7,8-TCDD	3.8E-09	7.6E-08	6.0E-07	4.3E-06	1.4E-06	1.1E-09	6.4E-06
2,3,7,8-TCDF							
OCDD							
OCDF							
HCN							
Hydrogen cyanide				6.5E-04	2.2E-04		8.7E-04
Metals							
Aluminum			2.0E-02			6.0E-04	2.1E-02
Antimony	4.1E-14		3.7E-03				3.7E-03
Arsenic	2.8E-12	8.0E-04	3.8E-03	1.3E-04	4.3E-05	1.9E-05	4.8E-03
Barium	1.2E-11		4.6E-08	8.3E-04	2.8E-04	2.7E-09	1.1E-03
Beryllium	1.7E-14		1.5E-12	7.1E-06	2.4E-06	2.2E-14	9.4E-06
Cadmium	8.7E-12		2.4E-12	2.5E-04	8.3E-05	3.5E-14	3.3E-04
Chromium	1.8E-15		1.6E-10				1.6E-10
Cobalt			1.3E-01	5.4E-03	1.8E-03	9.4E-04	1.4E-01
Copper			2.4E-08				2.4E-08
Iron			5.6E-02				5.6E-02
Lead							

Table H-426 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Ingestion of Soil at CJ	Inhalation of Indoor Air at CJ	Inhalation of Outdoor Air at CJ	Inhalation of Particulate/Vapors Outdoors at CJ	Grand Total
Manganese							
Mercury (+2)			3.3E-10	2.6E-07	8.6E-08	4.9E-14	3.4E-07
Mercury, elemental				1.1E-09	3.6E-10	8.9E-04	8.9E-04
Methyl Mercury	9.1E-11		5.9E-11				1.5E-10
Nickel	1.7E-13		3.7E-02	1.3E-04	4.2E-05	1.2E-03	3.8E-02
Phosphorus			1.1E-09				1.1E-09
Selenium	5.8E-14		2.4E-14	2.9E-08	9.6E-09	8.7E-19	3.8E-08
Silver	4.4E-14		4.9E-10				4.9E-10
Thallium (Soluble Salts)			1.8E-02				1.8E-02
Titanium							
Zinc	1.4E-11		1.8E-12				1.6E-11
NOx							
NOx (Oxides of Nitrogen)							
PAHs							
1-Methylnaphthalene		5.0E-15	9.0E-15				1.4E-14
1-Methylphenanthrene							
2,3,5-Trimethylnaphthalene							
2,6-Dimethylnaphthalene							
2-Methylnaphthalene		8.4E-14	1.5E-13				2.4E-13
Acenaphthylene							
Acenaphthene	5.9E-14						5.9E-14
Anthracene	1.5E-13						1.5E-13

Table H-426 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Ingestion of Soil at CJ	Inhalation of Indoor Air at CJ	Inhalation of Outdoor Air at CJ	Inhalation of Particulate/Vapors Outdoors at CJ	Grand Total
Benzo(a)anthracene							
Benzo(a)pyrene							
Benzo(b)fluoranthene							
Benzo(e)pyrene							
Benzo(g,h,i)perylene							
Benzo(k)fluoranthene							
Biphenyl			1.9E-14	9.1E-04	3.0E-04	4.3E-11	1.2E-03
Chrysene							
Dibenze(a,h)anthracene							
Fluoranthene	7.3E-12	2.5E-12	4.5E-12				1.4E-11
Fluorene	1.6E-12						1.6E-12
Indeno(1,2,3-cd)pyrene							
Napthalene	1.5E-12			1.6E-04	5.4E-05		2.2E-04
Perylene							
Phenanthrene							
Pyrene	7.0E-12	1.2E-11	2.2E-11				4.1E-11
Particulate							
Particulate Total Suspended Particulate							
PM<10							
PM<2.5							
PCBs							
Dichlorobiphenyl	9.1E-11	1.4E-11	2.3E-11				1.3E-10

Table H-426 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Ingestion of Soil at CJ	Inhalation of		Inhalation of Particulate/Vapors Outdoors at CJ	Grand Total
				Indoor Air at CJ	Outdoor Air at CJ		
Heptachlorobiphenyl	1.2E-11	5.5E-12	9.2E-12	3.2E-09	1.1E-09	2.2E-14	4.3E-09
Hexachlorobiphenyl	4.8E-11	2.5E-11	4.2E-11	1.3E-05	4.5E-06	9.8E-11	1.8E-05
Monochlorobiphenyl	6.3E-10	9.4E-11	1.6E-10				8.9E-10
Nonachlorobiphenyl	1.5E-12	9.6E-13	1.6E-12				4.1E-12
Octachlorobiphenyl	3.6E-12	1.8E-12	3.0E-12				8.3E-12
Pentachlorobiphenyl	1.6E-10	8.9E-11	1.5E-10	1.5E-04	5.0E-05	1.1E-09	2.0E-04
Tetrachlorobiphenyl	2.7E-11	5.2E-12	8.7E-12	7.6E-07	2.5E-07	1.3E-12	1.0E-06
Trichlorobiphenyl	3.5E-11	6.2E-12	1.0E-11				5.2E-11
Pesticides							
DDE							
Dieldrin		2.1E-04	4.9E-04				7.0E-04
SVOCs							
1,2,4-trichlorobenzene				4.4E-07	1.5E-07		5.9E-07
1,2-dichlorobenzene	3.2E-17			1.8E-09	6.0E-10		2.4E-09
1,3-dichlorobenzene							
1,4-dichlorobenzene	1.4E-15			6.2E-09	2.1E-09		8.3E-09
2,4-Dimethylphenol	1.3E-13						1.3E-13
2-Chlorophenol	2.7E-14						2.7E-14
2-Methylphenol	1.1E-12			3.0E-07	1.0E-07		4.1E-07
2-Nitrophenol							
3-Methylphenol & 4-Methylphenol							
4-Nitrophenol							

Table H-426 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Ingestion of Soil at CJ	Inhalation of Indoor Air at CJ	Inhalation of Outdoor Air at CJ	Inhalation of Particulate/Vapors Outdoors at CJ	Grand Total
Acetophenone	4.1E-14						4.1E-14
Benzoic acid	4.1E-15						4.1E-15
Benzyl alcohol	1.0E-16						1.0E-16
bis(2-Ethylhexyl) phthalate	2.6E-11	4.9E-10	1.2E-09				1.7E-09
Butyl benzyl phthalate	9.1E-13	2.4E-14	5.6E-14				9.9E-13
Carbazole							
Dibenzofuran		2.1E-13	1.7E-12				1.9E-12
Dimethyl phthalate							
Di-n-butyl phthalate	1.8E-11	4.8E-14	1.1E-13				1.8E-11
Di-n-octyl phthalate	1.3E-15	1.4E-12	3.3E-12				4.6E-12
Hexachlorobutadiene	7.0E-12						7.0E-12
Isopropanol				1.6E-02			1.6E-02
p-Chloroaniline		8.6E-05	2.0E-04				2.9E-04
Phenol	5.1E-13			5.0E-06	1.7E-06		6.6E-06
Pyridine	8.0E-12						8.0E-12
TRS							
Total Reduced Sulfur							
VOCs							
1,1,1,2-Tetrachloroethane	9.3E-17						9.3E-17
1,1,1-Trichloroethane	9.2E-20			8.7E-11	2.9E-11		1.2E-10
1,1-Dichloroethene	1.2E-19			4.3E-10	1.4E-10		5.7E-10
1,2,3-Trichlorobenzene	2.4E-13						2.4E-13

Table H-426 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Ingestion of Soil at CJ	Inhalation of Indoor Air at CJ	Inhalation of Outdoor Air at CJ	Inhalation of Particulate/Vapors Outdoors at CJ	Grand Total
1,2,3-Trichloropropane	2.8E-16			1.2E-06	4.0E-07		1.6E-06
1,2,4-Trimethylbenzene				2.9E-06	9.7E-07		3.9E-06
1,2-Dibromoethane	4.3E-17			2.5E-08	8.4E-09		3.4E-08
1,2-Dichloroethane	2.0E-15			8.9E-03	1.3E-03		1.0E-02
1,3,5-Trimethylbenzene	6.3E-15						6.3E-15
1,3-Dichloropropane							
2-Butanone	4.2E-15			2.2E-08	7.2E-09		2.9E-08
2-Chlorotoluene							
2-Hexanone				7.4E-07	2.5E-07		9.9E-07
Benzene	5.1E-13			1.3E-02	2.8E-03		1.6E-02
Bromobenzene				2.0E-06	6.8E-07		2.7E-06
Bromochloromethane				7.2E-09	2.4E-09		9.7E-09
Bromodichloromethane	1.6E-17						1.6E-17
Bromoform							
Bromomethane	1.0E-15			2.5E-06	8.3E-07		3.3E-06
Carbon disulfide	1.3E-17			1.6E-08	5.2E-09		2.1E-08
Carbon tetrachloride	3.5E-17			5.6E-03	1.4E-03		6.9E-03
Chlorobenzene	2.4E-15			3.2E-07	1.1E-07		4.2E-07
Chlorodibromomethane	9.5E-16						9.5E-16
Chloroethane				3.0E-09	1.0E-09		4.0E-09
Chloroform	2.9E-16			1.1E-02	2.1E-04		1.2E-02
Chloromethane				1.1E-06	3.8E-07		1.5E-06

Table H-426 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Ingestion of Soil at CJ	Inhalation of Indoor Air at CJ	Inhalation of Outdoor Air at CJ	Inhalation of Particulate/Vapors Outdoors at CJ	Grand Total
cis-1,2-Dichloroethene	2.0E-15						2.0E-15
cis-1,3-Dichloropropene							
Dibromomethane				1.7E-07	5.6E-08		2.2E-07
Dichlorodifluoromethane	2.5E-20			8.2E-09	2.7E-09		1.1E-08
Ethylbenzene	1.6E-14			3.2E-04	2.1E-07		3.2E-04
Isopropylbenzene	2.0E-17			1.3E-07	4.3E-08		1.7E-07
m&p-Xylene							
Methyl Isobutyl Ketone (4-methyl-2				3.9E-10	1.3E-10		5.2E-10
Methylene chloride	4.5E-15			9.9E-08	3.3E-08		1.3E-07
n-Butylbenzene							
n-Propylbenzene				3.1E-08	1.0E-08		4.1E-08
o-Xylene	1.4E-15			7.5E-07	2.5E-07		1.0E-06
p-Chlorotoluene							
p-Isopropyltoluene							
sec-Butylbenzene							
Styrene	4.9E-14			1.7E-06	5.6E-07		2.2E-06
tert-Butylbenzene							
Tetrachloroethene	1.1E-16			9.9E-09	3.3E-09		1.3E-08
Toluene	2.0E-14			2.1E-07	6.9E-08		2.8E-07
trans-1,2-Dichloroethene	3.1E-15						3.1E-15
trans-1,3-Dichloropropene							
Trichloroethene	1.4E-17			3.2E-01	4.0E-09		3.2E-01

Table H-426 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Ingestion of Soil at CJ	Inhalation of Indoor Air at CJ	Inhalation of Outdoor Air at CJ	Inhalation of Particulate/ Vapors Outdoors at CJ	Grand Total
Trichlorofluoromethane	3.6E-20						3.6E-20
Vinyl chloride	1.7E-16			1.6E-07	5.4E-08		2.2E-07
Grand Total	5.0E-09	1.1E-03	2.7E-01	3.8E-01	8.8E-03	3.7E-03	6.6E-01

Table H-427 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			4.5E-11	5.7E-12		5.1E-11
Formaldehyde			5.9E-07	1.4E-11		5.9E-07
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	1.4E-14	5.5E-14	4.6E-12	5.8E-13	7.9E-19	5.2E-12
1,2,3,4,6,7,8-HpCDF	1.4E-14	5.6E-14	4.7E-12	5.8E-13	8.0E-19	5.3E-12
1,2,3,4,7,8,9-HpCDF	1.6E-15	6.4E-15	5.9E-13	7.4E-14	9.1E-20	6.7E-13
1,2,3,4,7,8-HxCDD	1.6E-14	6.2E-14	5.5E-12	6.9E-13	8.9E-19	6.3E-12
1,2,3,4,7,8-HxCDF	1.3E-13	5.0E-13	4.5E-11	5.6E-12	7.1E-18	5.1E-11
1,2,3,6,7,8-HxCDD	3.2E-14	1.3E-13	1.2E-11	1.5E-12	1.8E-18	1.3E-11
1,2,3,6,7,8-HxCDF	4.1E-14	1.6E-13	1.5E-11	1.8E-12	2.3E-18	1.7E-11
1,2,3,7,8,9-HxCDD	5.1E-14	2.0E-13	1.8E-11	2.2E-12	2.9E-18	2.0E-11
1,2,3,7,8,9-HxCDF	2.9E-15	1.2E-14	1.1E-12	1.4E-13	1.7E-19	1.3E-12
1,2,3,7,8-PeCDD	1.8E-13	7.1E-13	7.0E-11	8.8E-12	1.0E-17	8.0E-11

Table H-427 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	1.1E-14	4.1E-14	5.0E-12	6.2E-13	5.9E-19	5.7E-12
2,3,4,6,7,8-HxCDF	6.4E-14	2.5E-13	2.3E-11	2.8E-12	3.6E-18	2.6E-11
2,3,4,7,8-PeCDF	2.5E-13	9.9E-13	1.1E-10	1.4E-11	1.4E-17	1.3E-10
2,3,7,8-TCDD	3.7E-14	1.5E-13	2.8E-11	3.5E-12	1.4E-15	3.2E-11
2,3,7,8-TCDF	6.7E-15	2.6E-14	1.0E-11	1.3E-12	3.8E-19	1.2E-11
OCDD	9.4E-17	3.7E-16	3.1E-14	3.8E-15	5.3E-21	3.5E-14
OCDF	3.6E-17	1.4E-16	1.1E-14	1.4E-15	2.1E-21	1.3E-14
HCN						
Hydrogen cyanide						
Metals						
Aluminum						
Antimony						
Arsenic	7.7E-09	1.8E-08	3.6E-11	4.6E-12	4.3E-12	2.6E-08
Barium						
Beryllium			1.5E-12	1.8E-13	1.8E-21	1.7E-12
Cadmium			1.9E-11	2.4E-12	1.0E-21	2.2E-11
Chromium						
Cobalt			1.3E-09	1.6E-10	1.7E-10	1.6E-09
Copper						
Iron						
Lead						
Manganese						
Mercury (+2)						

Table H-427 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental						
Methyl Mercury						
Nickel			1.3E-11	1.6E-12	1.0E-10	1.2E-10
Phosphorus						
Selenium						
Silver						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	9.9E-20	9.0E-20				1.9E-19
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	2.3E-10	2.1E-10	4.7E-12	5.9E-13	4.8E-13	4.5E-10
Benzo(a)pyrene	2.7E-09	2.5E-09	1.8E-11	2.3E-12	1.8E-14	5.2E-09
Benzo(b)fluoranthene	4.9E-10	4.4E-10	2.1E-12	2.6E-13	3.3E-15	9.3E-10
Benzo(e)pyrene						

Table H-427 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	3.7E-11	3.3E-11	1.8E-14	2.3E-15	2.5E-15	7.0E-11
Biphenyl		3.8E-19				3.8E-19
Chrysene	2.8E-12	2.6E-12	8.0E-13	1.0E-13	1.9E-16	6.3E-12
Dibenze(a,h)anthracene	2.8E-14	2.5E-14	3.2E-12	4.0E-13	2.0E-19	3.6E-12
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	1.2E-10	1.1E-10	9.7E-13	1.2E-13	7.9E-16	2.3E-10
Napthalene			7.2E-11	9.0E-12		8.1E-11
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	3.5E-19	3.0E-19	2.7E-14	3.3E-15	8.0E-21	3.0E-14
Heptachlorobiphenyl	1.2E-18	9.8E-19	1.0E-14	1.3E-15	1.4E-20	1.2E-14
Hexachlorobiphenyl	5.2E-18	4.4E-18	4.3E-14	5.4E-15	6.4E-20	4.9E-14
Monochlorobiphenyl	2.5E-18	2.1E-18	1.8E-13	2.3E-14	5.5E-20	2.1E-13
Nonachlorobiphenyl	2.0E-19	1.7E-19	1.5E-15	1.8E-16	2.5E-21	1.6E-15
Octachlorobiphenyl	3.8E-19	3.2E-19	3.2E-15	4.0E-16	4.6E-21	3.6E-15

Table H-427 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Pentachlorobiphenyl	1.9E-17	1.6E-17	1.5E-13	1.9E-14	2.3E-19	1.7E-13
Tetrachlorobiphenyl	1.4E-19	1.1E-19	8.6E-15	1.1E-15	3.0E-21	9.7E-15
Trichlorobiphenyl	1.6E-19	1.4E-19	1.1E-14	1.4E-15	3.7E-21	1.2E-14
Pesticides						
Chlordecone (Kepone)	1.8E-07	2.1E-07			4.8E-12	4.0E-07
DDE		1.0E-09			9.0E-12	1.0E-09
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-Butadiene			9.3E-09			9.3E-09
1,3-dichlorobenzene						
1,4-dichlorobenzene			2.4E-13	3.0E-14		2.7E-13
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	1.3E-15	1.6E-15	6.5E-12	8.1E-13	1.3E-20	7.3E-12
Butyl benzyl phthalate	8.8E-20	1.0E-19				1.9E-19

Table H-427 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			1.4E-11	1.7E-12		1.6E-11
Isopropanol						
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			1.4E-14	1.8E-15		1.6E-14
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			5.9E-13	7.4E-14		6.7E-13
1,2-Dichloroethane			1.0E-12	3.7E-10		3.7E-10
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						

Table H-427 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
2-Chlorotoluene						
2-Hexanone						
Benzene			9.4E-09	1.1E-09		1.0E-08
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			5.0E-14	6.3E-15		5.7E-14
Bromomethane						
Carbon disulfide						
Carbon tetrachloride			1.3E-08	1.3E-09		1.4E-08
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			7.1E-09	7.9E-10		7.9E-09
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			9.8E-10	8.7E-13		9.8E-10
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			2.6E-15	3.2E-16		2.9E-15

Table H-427 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethene			4.5E-16	5.6E-17		5.1E-16
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			4.3E-16	5.3E-17		4.8E-16
Trichlorofluoromethane						
Vinyl chloride			3.1E-13	3.9E-14		3.5E-13
Grand Total	1.9E-07	2.4E-07	6.3E-07	3.8E-09	2.9E-10	1.1E-06

Table H-428 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			4.2E-05	5.2E-06		4.7E-05
Aldehydes						
Acetaldehyde			1.6E-04	2.0E-05		1.8E-04
Formaldehyde			3.3E-01	7.9E-06		3.3E-01
Propionaldehyde			2.0E-05	2.5E-06	2.1E-12	2.2E-05
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-428 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	5.2E-08	2.0E-07	1.3E-06	1.6E-07	1.2E-10	1.7E-06
2,3,7,8-TCDF						
OCDD						
OCDF						
HCN						
Hydrogen cyanide			2.0E-04	2.5E-05		2.2E-04
Metals						
Aluminum		1.0E-02			1.0E-04	1.0E-02
Antimony		9.4E-04				9.4E-04
Arsenic	1.2E-03	2.8E-03	4.0E-05	4.9E-06	4.6E-06	4.1E-03
Barium		1.6E-08	2.5E-04	3.1E-05	3.1E-10	2.8E-04
Beryllium		5.2E-13	2.1E-06	2.7E-07	2.6E-15	2.4E-06
Cadmium		8.2E-13	7.6E-05	9.5E-06	4.0E-15	8.5E-05
Chromium		5.5E-11				5.5E-11
Cobalt		8.8E-02	1.6E-03	2.0E-04	2.2E-04	9.0E-02
Copper		8.4E-09				8.4E-09
Iron		3.2E-02				3.2E-02
Lead						
Manganese						
Mercury (+2)		1.1E-10	7.8E-08	9.8E-09	5.6E-15	8.8E-08

Table H-428 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental			3.3E-10	4.1E-11	1.1E-02	1.1E-02
Methyl Mercury		2.0E-11				2.0E-11
Nickel		2.8E-02	3.9E-05	4.8E-06	3.0E-04	2.8E-02
Phosphorus		3.7E-10				3.7E-10
Selenium		8.1E-15	8.7E-09	1.1E-09	9.9E-20	9.8E-09
Silver		1.7E-10				1.7E-10
Titanium						
Zinc		6.1E-13				6.1E-13
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.4E-15	3.1E-15				6.5E-15
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	5.8E-14	5.2E-14				1.1E-13
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						
Benzo(e)pyrene						

Table H-428 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						
Biphenyl		6.7E-15	2.8E-04	3.5E-05	4.9E-12	3.1E-04
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	1.7E-12	1.5E-12				3.2E-12
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene			5.0E-05	6.2E-06		5.6E-05
Perylene						
Phenanthrene						
Pyrene	8.3E-12	7.6E-12				1.6E-11
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	9.3E-12	7.8E-12				1.7E-11
Heptachlorobiphenyl	3.7E-12	3.2E-12	9.8E-10	1.2E-10	2.5E-15	1.1E-09
Hexachlorobiphenyl	1.7E-11	1.4E-11	4.1E-06	5.1E-07	1.1E-11	4.6E-06
Monochlorobiphenyl	6.4E-11	5.4E-11				1.2E-10
Nonachlorobiphenyl	6.6E-13	5.6E-13				1.2E-12
Octachlorobiphenyl	1.2E-12	1.0E-12				2.2E-12

Table H-428 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Pentachlorobiphenyl	6.1E-11	5.1E-11	4.6E-05	5.7E-06	1.3E-10	5.1E-05
Tetrachlorobiphenyl	3.5E-12	3.0E-12	2.3E-07	2.9E-08	1.5E-13	2.6E-07
Trichlorobiphenyl	4.3E-12	3.6E-12				7.8E-12
Pesticides						
Chlordecone (Kepone)	4.2E-03	5.0E-03				9.2E-03
DDE						
SVOCs						
1,2,4-trichlorobenzene			1.3E-07	1.7E-08		1.5E-07
1,2-dichlorobenzene			5.4E-10	6.8E-11		6.1E-10
1,3-Butadiene			1.1E-02			1.1E-02
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.9E-09	2.4E-10		2.1E-09
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			9.3E-08	1.2E-08		1.0E-07
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-10	4.0E-10				7.4E-10
Butyl benzyl phthalate	1.6E-14	1.9E-14				3.6E-14

Table H-428 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbazole						
Dibenzofuran	1.4E-13	5.7E-13				7.1E-13
Dimethyl phthalate						
Di-n-butyl phthalate	3.3E-14	3.9E-14				7.1E-14
Di-n-octyl phthalate	9.4E-13	1.1E-12				2.1E-12
Hexachlorobutadiene						
Isopropanol			1.7E-03			1.7E-03
Phenol			1.5E-06	1.9E-07		1.7E-06
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			2.7E-11	3.3E-12		3.0E-11
1,1-Dichloroethene			1.3E-10	1.6E-11		1.5E-10
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.6E-07	4.5E-08		4.1E-07
1,2,4-Trimethylbenzene			8.9E-07	1.1E-07		1.0E-06
1,2-Dibromoethane			7.7E-09	9.6E-10		8.6E-09
1,2-Dichloroethane			4.0E-07	1.4E-04		1.4E-04
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone			6.6E-09	8.3E-10		7.4E-09

Table H-428 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
2-Chlorotoluene						
2-Hexanone			2.3E-07	2.8E-08		2.5E-07
Benzene			2.8E-03	3.2E-04		3.1E-03
Bromobenzene			6.2E-07	7.8E-08		7.0E-07
Bromochloromethane			2.2E-09	2.8E-10		2.5E-09
Bromodichloromethane						
Bromomethane			7.6E-07	9.5E-08		8.6E-07
Carbon disulfide			4.8E-09	6.0E-10		5.4E-09
Carbon tetrachloride			1.5E-03	1.5E-04		1.6E-03
Chlorobenzene			9.6E-08	1.2E-08		1.1E-07
Chlorodibromomethane						
Chloroethane			9.1E-10	1.1E-10		1.0E-09
Chloroform			2.2E-04	2.4E-05		2.5E-04
Chloromethane			3.4E-07	4.3E-08		3.9E-07
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			5.1E-08	6.4E-09		5.7E-08
Dichlorodifluoromethane			2.5E-09	3.1E-10		2.8E-09
Ethylbenzene			2.7E-05	2.4E-08		2.7E-05
Isopropylbenzene			3.9E-08	4.9E-09		4.4E-08
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.2E-10	1.5E-11		1.3E-10
Methylene chloride			3.0E-08	3.8E-09		3.4E-08

Table H-428 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene			9.4E-09	1.2E-09		1.1E-08
o-Xylene			2.3E-07	2.9E-08		2.6E-07
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			5.1E-07	6.4E-08		5.7E-07
tert-Butylbenzene						
Tetrachloroethene			3.0E-09	3.8E-10		3.4E-09
Toluene			6.3E-08	7.9E-09		7.1E-08
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			3.6E-09	4.5E-10		4.1E-09
Trichlorofluoromethane						
Vinyl chloride			5.0E-08	6.2E-09		5.6E-08
Grand Total	5.4E-03	1.7E-01	3.5E-01	1.0E-03	1.2E-02	5.3E-01

Table H-429 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						4.5E-11	1.1E-10	5.7E-12	5.7E-12			1.6E-10
Formaldehyde						5.9E-07	2.6E-10	1.4E-11	1.4E-11			5.9E-07
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.7E-17	1.4E-14	2.0E-14	5.5E-14	1.5E-13	4.6E-12	1.1E-11	5.8E-13	5.8E-13	7.9E-19	4.9E-18	1.7E-11
1,2,3,4,6,7,8-HpCDF	1.7E-17	1.4E-14	2.0E-14	5.6E-14	1.6E-13	4.7E-12	1.1E-11	5.8E-13	5.8E-13	8.0E-19	4.9E-18	1.7E-11
1,2,3,4,7,8,9-HpCDF	2.7E-18	1.6E-15	2.3E-15	6.4E-15	1.8E-14	5.9E-13	1.4E-12	7.4E-14	7.4E-14	9.1E-20	5.6E-19	2.1E-12
1,2,3,4,7,8-HxCDD	2.0E-16	1.6E-14	2.2E-14	6.2E-14	1.7E-13	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.9E-19	5.5E-18	2.0E-11
1,2,3,4,7,8-HxCDF	1.4E-15	1.3E-13	1.8E-13	5.0E-13	1.4E-12	4.5E-11	1.0E-10	5.6E-12	5.6E-12	7.1E-18	4.4E-17	1.6E-10
1,2,3,6,7,8-HxCDD	4.0E-16	3.2E-14	4.5E-14	1.3E-13	3.6E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.8E-18	1.1E-17	4.2E-11
1,2,3,6,7,8-HxCDF	5.2E-16	4.1E-14	5.8E-14	1.6E-13	4.5E-13	1.5E-11	3.4E-11	1.8E-12	1.8E-12	2.3E-18	1.4E-17	5.3E-11
1,2,3,7,8,9-HxCDD	5.5E-16	5.1E-14	7.1E-14	2.0E-13	5.6E-13	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.9E-18	1.8E-17	6.4E-11
1,2,3,7,8,9-HxCDF	4.4E-17	2.9E-15	4.1E-15	1.2E-14	3.2E-14	1.1E-12	2.6E-12	1.4E-13	1.4E-13	1.7E-19	1.0E-18	4.0E-12
1,2,3,7,8-PeCDD	1.3E-14	1.8E-13	2.5E-13	7.1E-13	2.0E-12	7.0E-11	1.6E-10	8.8E-12	8.8E-12	1.0E-17	6.2E-17	2.5E-10
1,2,3,7,8-PeCDF	8.9E-16	1.1E-14	1.5E-14	4.1E-14	1.2E-13	5.0E-12	1.2E-11	6.2E-13	6.2E-13	5.9E-19	3.7E-18	1.8E-11
2,3,4,6,7,8-HxCDF	7.6E-16	6.4E-14	9.0E-14	2.5E-13	7.1E-13	2.3E-11	5.2E-11	2.8E-12	2.8E-12	3.6E-18	2.2E-17	8.2E-11
2,3,4,7,8-PeCDF	1.4E-14	2.5E-13	3.5E-13	9.9E-13	2.8E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	1.4E-17	8.8E-17	4.0E-10
2,3,7,8-TCDD	4.5E-15	3.7E-14	5.2E-14	1.5E-13	4.1E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	1.4E-15	8.9E-15	1.0E-10
2,3,7,8-TCDF	1.5E-15	6.7E-15	9.3E-15	2.6E-14	7.4E-14	1.0E-11	2.4E-11	1.3E-12	1.3E-12	3.8E-19	2.3E-18	3.7E-11
OCDD	2.3E-21	9.4E-17	1.3E-16	3.7E-16	1.0E-15	3.1E-14	7.1E-14	3.8E-15	3.8E-15	5.3E-21	3.3E-20	1.1E-13
OCDF	8.4E-22	3.6E-17	5.1E-17	1.4E-16	4.0E-16	1.1E-14	2.6E-14	1.4E-15	1.4E-15	2.1E-21	1.3E-20	4.1E-14
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-429 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.7E-17	7.7E-09	4.9E-09	1.8E-08	2.3E-08	3.6E-11	8.4E-11	4.6E-12	4.6E-12	4.3E-12	1.2E-11	5.4E-08
Barium												
Beryllium						1.5E-12	3.4E-12	1.8E-13	1.8E-13	1.8E-21	1.1E-20	5.2E-12
Cadmium						1.9E-11	4.5E-11	2.4E-12	2.4E-12	1.0E-21	6.3E-21	6.9E-11
Chromium												
Cobalt						1.3E-09	2.9E-09	1.6E-10	1.6E-10	1.7E-10	5.1E-10	5.2E-09
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						1.3E-11	3.0E-11	1.6E-12	1.6E-12	1.0E-10	2.8E-10	4.3E-10
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		9.9E-20	1.4E-19	9.0E-20	2.5E-19							5.8E-19
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	6.4E-14	2.3E-10	5.3E-09	2.1E-10	9.7E-09	4.7E-12	1.1E-11	5.9E-13	5.9E-13	4.8E-13	2.9E-12	1.5E-08
Benzo(a)pyrene	3.2E-13	2.7E-09	5.9E-08	2.5E-09	1.1E-07	1.8E-11	4.3E-11	2.3E-12	2.3E-12	1.8E-14	1.7E-12	1.7E-07
Benzo(b)fluoranthene	8.7E-15	4.9E-10	8.2E-09	4.4E-10	1.5E-08	2.1E-12	4.8E-12	2.6E-13	2.6E-13	3.3E-15	2.4E-13	2.4E-08
Benzo(e)pyrene												

Table H-429 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	6.4E-18	3.7E-11	4.1E-10	3.3E-11	7.5E-10	1.8E-14	4.2E-14	2.3E-15	2.3E-15	2.5E-15	1.2E-13	1.2E-09
Biphenyl				3.8E-19	1.1E-18							1.4E-18
Chrysene	1.1E-16	2.8E-12	6.0E-11	2.6E-12	1.1E-10	8.0E-13	1.9E-12	1.0E-13	1.0E-13	1.9E-16	1.8E-14	1.8E-10
Dibenze(a,h)anthracene	1.6E-14	2.8E-14	1.5E-08	2.5E-14	2.6E-08	3.2E-12	7.3E-12	4.0E-13	4.0E-13	2.0E-19	4.7E-13	4.1E-08
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	3.9E-15	1.2E-10	3.8E-09	1.1E-10	6.9E-09	9.7E-13	2.2E-12	1.2E-13	1.2E-13	7.9E-16	1.1E-13	1.1E-08
Napthalene						7.2E-11	1.7E-10	9.0E-12	9.0E-12			2.6E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	6.1E-18	3.5E-19	4.9E-19	3.0E-19	8.4E-19	2.7E-14	6.1E-14	3.3E-15	3.3E-15	8.0E-21	4.9E-20	9.4E-14
Heptachlorobiphenyl	6.5E-18	1.2E-18	1.6E-18	9.8E-19	2.7E-18	1.0E-14	2.4E-14	1.3E-15	1.3E-15	1.4E-20	8.7E-20	3.7E-14
Hexachlorobiphenyl	2.6E-17	5.2E-18	7.3E-18	4.4E-18	1.2E-17	4.3E-14	1.0E-13	5.4E-15	5.4E-15	6.4E-20	3.9E-19	1.5E-13
Monochlorobiphenyl	4.2E-17	2.5E-18	3.4E-18	2.1E-18	5.8E-18	1.8E-13	4.3E-13	2.3E-14	2.3E-14	5.5E-20	3.4E-19	6.6E-13
Nonachlorobiphenyl	8.1E-19	2.0E-19	2.9E-19	1.7E-19	4.8E-19	1.5E-15	3.4E-15	1.8E-16	1.8E-16	2.5E-21	1.5E-20	5.2E-15
Octachlorobiphenyl	1.9E-18	3.8E-19	5.2E-19	3.2E-19	8.9E-19	3.2E-15	7.3E-15	4.0E-16	4.0E-16	4.6E-21	2.8E-20	1.1E-14
Pentachlorobiphenyl	8.8E-17	1.9E-17	2.6E-17	1.6E-17	4.4E-17	1.5E-13	3.4E-13	1.9E-14	1.9E-14	2.3E-19	1.4E-18	5.3E-13
Tetrachlorobiphenyl	1.8E-18	1.4E-19	1.9E-19	1.1E-19	3.2E-19	8.6E-15	2.0E-14	1.1E-15	1.1E-15	3.0E-21	1.9E-20	3.1E-14
Trichlorobiphenyl	2.4E-18	1.6E-19	2.3E-19	1.4E-19	3.8E-19	1.1E-14	2.5E-14	1.4E-15	1.4E-15	3.7E-21	2.3E-20	3.9E-14
Pesticides												
Chlordecone (Kepone)		1.8E-07		2.1E-07						4.8E-12		4.0E-07
DDE				1.0E-09		1.1E-09				9.0E-12	5.6E-11	2.1E-09
Dieldrin			2.3E-09		5.4E-09						1.7E-13	7.7E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene							9.3E-09					9.3E-09
1,3-dichlorobenzene												

Table H-429 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
1,4-dichlorobenzene	7.1E-21					2.4E-13	5.5E-13	3.0E-14	3.0E-14			8.5E-13
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	9.8E-17	1.3E-15	1.9E-15	1.6E-15	4.4E-15	6.5E-12	1.5E-11	8.1E-13	8.1E-13	1.3E-20	8.2E-20	2.3E-11
Butyl benzyl phthalate	4.8E-18	8.8E-20	1.2E-19	1.0E-19	2.9E-19							5.4E-18
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	7.5E-18					1.4E-11	3.2E-11	1.7E-12	1.7E-12			5.0E-11
Isopropanol												
p-Chloroaniline			9.3E-10		2.2E-09							3.1E-09
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	1.0E-21					1.4E-14	3.3E-14	1.8E-15	1.8E-15			5.1E-14
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	4.6E-19											4.6E-19
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	1.1E-20					5.9E-13	1.4E-12	7.4E-14	7.4E-14			2.1E-12
1,2-Dichloroethane	1.5E-20					1.0E-12	1.6E-08	3.7E-10	3.7E-10			1.7E-08
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												

Table H-429 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Butanone												
2-Chlorotoluene												
2-Hexanone												
Benzene	1.6E-18					9.4E-09	3.0E-08	1.1E-09	1.1E-09			4.2E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	2.8E-22					5.0E-14	1.8E-07	6.3E-15	6.3E-15			1.8E-07
Bromoform							2.4E-08					2.4E-08
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	1.3E-22					1.3E-08	3.3E-08	1.3E-09	1.3E-09			4.9E-08
Chlorobenzene												
Chlorodibromomethane	2.2E-20											2.2E-20
Chloroethane												
Chloroform	1.2E-21					7.1E-09	2.6E-07	7.9E-10	7.9E-10			2.7E-07
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	2.3E-19					9.8E-10	7.9E-09	8.7E-13	8.7E-13			8.9E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	7.4E-22					2.6E-15	6.0E-15	3.2E-16	3.2E-16			9.2E-15
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	2.0E-23					4.5E-16	1.0E-15	5.6E-17	5.6E-17			1.6E-15
Toluene												

Table H-429 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	4.5E-24					4.3E-16	2.6E-08	5.3E-17	5.3E-17			2.6E-08
Trichlorofluoromethane												
Vinyl chloride	4.9E-21					3.1E-13	7.2E-13	3.9E-14	3.9E-14			1.1E-12
Grand Total	4.5E-13	1.9E-07	9.9E-08	2.4E-07	2.0E-07	6.3E-07	5.8E-07	3.8E-09	3.8E-09	2.9E-10	8.7E-10	2.0E-06

Table H-430 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					3.3E-01	1.5E-04	7.9E-06	7.9E-06			3.3E-01
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.0E-02	2.0E-02					1.0E-04	4.2E-04	3.0E-02
Antimony	3.9E-14			9.4E-04	3.6E-03							4.5E-03

Table H-430 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	1.2E-03	7.7E-04	2.8E-03	3.6E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	4.6E-06	1.3E-05	8.6E-03
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt				8.8E-02	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.2E-04	6.6E-04	2.2E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				3.2E-02	5.4E-02							8.6E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.1E-02	6.8E-02	7.9E-02
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.8E-02	3.5E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.0E-04	8.5E-04	6.5E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Thallium (Soluble Salts)					1.7E-02							1.7E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-430 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	1.1E-04	6.2E-06	6.2E-06			1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
Chlordecone (Kepone)		4.2E-03		5.0E-03								9.2E-03
DDE												
Dieldrin			2.0E-04		4.7E-04							6.7E-04
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.1E-02						1.1E-02
1,3-dichlorobenzene												

Table H-430 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.7E-03	1.1E-02					1.3E-02
p-Chloroaniline			8.2E-05		1.9E-04							2.8E-04
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	6.3E-03	1.4E-04	1.4E-04			6.5E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												

Table H-430 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.8E-03	9.0E-03	3.2E-04	3.2E-04			1.2E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromoform												
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.5E-03	3.9E-03	1.5E-04	1.5E-04			5.7E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					2.2E-04	8.1E-03	2.4E-05	2.4E-05			8.3E-03
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					2.7E-05	2.2E-04	2.4E-08	2.4E-08			2.5E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07

Table H-430 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					3.6E-09	2.2E-01	4.5E-10	4.5E-10			2.2E-01
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	4.8E-09	5.4E-03	1.0E-03	1.7E-01	2.6E-01	3.5E-01	2.7E-01	1.0E-03	1.0E-03	1.2E-02	6.9E-02	1.1E+00

Table H-431 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						4.5E-11	1.1E-10	5.7E-12	5.7E-12			1.6E-10
Formaldehyde						5.9E-07	7.3E-06	1.4E-11	1.4E-11			7.9E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.7E-17	1.4E-14	2.0E-14	5.5E-14	1.5E-13	4.6E-12	1.1E-11	5.8E-13	5.8E-13	7.9E-19	4.9E-18	1.7E-11
1,2,3,4,6,7,8-HpCDF	1.7E-17	1.4E-14	2.0E-14	5.6E-14	1.6E-13	4.7E-12	1.1E-11	5.8E-13	5.8E-13	8.0E-19	4.9E-18	1.7E-11
1,2,3,4,7,8,9-HpCDF	2.7E-18	1.6E-15	2.3E-15	6.4E-15	1.8E-14	5.9E-13	1.4E-12	7.4E-14	7.4E-14	9.1E-20	5.6E-19	2.1E-12
1,2,3,4,7,8-HxCDD	2.0E-16	1.6E-14	2.2E-14	6.2E-14	1.7E-13	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.9E-19	5.5E-18	2.0E-11
1,2,3,4,7,8-HxCDF	1.4E-15	1.3E-13	1.8E-13	5.0E-13	1.4E-12	4.5E-11	1.0E-10	5.6E-12	5.6E-12	7.1E-18	4.4E-17	1.6E-10
1,2,3,6,7,8-HxCDD	4.0E-16	3.2E-14	4.5E-14	1.3E-13	3.6E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.8E-18	1.1E-17	4.2E-11
1,2,3,6,7,8-HxCDF	5.2E-16	4.1E-14	5.8E-14	1.6E-13	4.5E-13	1.5E-11	3.4E-11	1.8E-12	1.8E-12	2.3E-18	1.4E-17	5.3E-11
1,2,3,7,8,9-HxCDD	5.5E-16	5.1E-14	7.1E-14	2.0E-13	5.6E-13	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.9E-18	1.8E-17	6.4E-11
1,2,3,7,8,9-HxCDF	4.4E-17	2.9E-15	4.1E-15	1.2E-14	3.2E-14	1.1E-12	2.6E-12	1.4E-13	1.4E-13	1.7E-19	1.0E-18	4.0E-12
1,2,3,7,8-PeCDD	1.3E-14	1.8E-13	2.5E-13	7.1E-13	2.0E-12	7.0E-11	1.6E-10	8.8E-12	8.8E-12	1.0E-17	6.2E-17	2.5E-10
1,2,3,7,8-PeCDF	8.9E-16	1.1E-14	1.5E-14	4.1E-14	1.2E-13	5.0E-12	1.2E-11	6.2E-13	6.2E-13	5.9E-19	3.7E-18	1.8E-11
2,3,4,6,7,8-HxCDF	7.6E-16	6.4E-14	9.0E-14	2.5E-13	7.1E-13	2.3E-11	5.2E-11	2.8E-12	2.8E-12	3.6E-18	2.2E-17	8.2E-11
2,3,4,7,8-PeCDF	1.4E-14	2.5E-13	3.5E-13	9.9E-13	2.8E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	1.4E-17	8.8E-17	4.0E-10
2,3,7,8-TCDD	4.5E-15	3.7E-14	5.2E-14	1.5E-13	4.1E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	1.4E-15	8.9E-15	1.0E-10
2,3,7,8-TCDF	1.5E-15	6.7E-15	9.3E-15	2.6E-14	7.4E-14	1.0E-11	2.4E-11	1.3E-12	1.3E-12	3.8E-19	2.3E-18	3.7E-11
OCDD	2.3E-21	9.4E-17	1.3E-16	3.7E-16	1.0E-15	3.1E-14	7.1E-14	3.8E-15	3.8E-15	5.3E-21	3.3E-20	1.1E-13
OCDF	8.4E-22	3.6E-17	5.1E-17	1.4E-16	4.0E-16	1.1E-14	2.6E-14	1.4E-15	1.4E-15	2.1E-21	1.3E-20	4.1E-14
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-431 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.7E-17	7.7E-09	9.8E-09	1.8E-08	4.6E-08	3.6E-11	8.4E-11	4.6E-12	4.6E-12	4.3E-12	2.4E-11	8.2E-08
Barium												
Beryllium						1.5E-12	3.4E-12	1.8E-13	1.8E-13	1.8E-21	1.1E-20	5.2E-12
Cadmium						1.9E-11	4.5E-11	2.4E-12	2.4E-12	1.0E-21	6.3E-21	6.9E-11
Chromium												
Cobalt						1.3E-09	2.9E-09	1.6E-10	1.6E-10	1.7E-10	5.2E-10	5.2E-09
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						1.3E-11	3.0E-11	1.6E-12	1.6E-12	1.0E-10	3.2E-10	4.6E-10
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		9.9E-20	1.4E-19	9.0E-20	2.5E-19							5.8E-19
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	6.4E-14	2.3E-10	2.4E-14	2.1E-10	4.4E-14	4.7E-12	1.1E-11	5.9E-13	5.9E-13	4.8E-13	2.9E-12	4.6E-10
Benzo(a)pyrene	3.2E-13	2.7E-09	1.1E-13	2.5E-09	2.0E-13	1.8E-11	4.3E-11	2.3E-12	2.3E-12	1.8E-14	3.3E-18	5.2E-09
Benzo(b)fluoranthene	8.7E-15	4.9E-10	6.4E-16	4.4E-10	1.2E-15	2.1E-12	4.8E-12	2.6E-13	2.6E-13	3.3E-15	1.9E-20	9.4E-10
Benzo(e)pyrene												

Table H-431 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	6.4E-18	3.7E-11	6.6E-17	3.3E-11	1.2E-16	1.8E-14	4.2E-14	2.3E-15	2.3E-15	2.5E-15	2.0E-20	7.0E-11
Biphenyl				3.8E-19	1.1E-18							1.4E-18
Chrysene	1.1E-16	2.8E-12	3.0E-16	2.6E-12	5.5E-16	8.0E-13	1.9E-12	1.0E-13	1.0E-13	1.9E-16	8.9E-20	8.3E-12
Dibenze(a,h)anthracene	1.6E-14	2.8E-14	3.8E-14	2.5E-14	7.0E-14	3.2E-12	7.3E-12	4.0E-13	4.0E-13	2.0E-19	1.2E-18	1.2E-11
Fluorene												
Indeno(1,2,3-cd)pyrene	3.9E-15	1.2E-10	1.1E-14	1.1E-10	2.0E-14	9.7E-13	2.2E-12	1.2E-13	1.2E-13	7.9E-16	3.3E-19	2.3E-10
Napthalene						7.2E-11	1.7E-10	9.0E-12	9.0E-12			2.6E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	6.1E-18	3.5E-19	4.9E-19	3.0E-19	8.4E-19	2.7E-14	6.1E-14	3.3E-15	3.3E-15	8.0E-21	4.9E-20	9.4E-14
Heptachlorobiphenyl	6.5E-18	1.2E-18	1.6E-18	9.8E-19	2.7E-18	1.0E-14	2.4E-14	1.3E-15	1.3E-15	1.4E-20	8.7E-20	3.7E-14
Hexachlorobiphenyl	2.6E-17	5.2E-18	7.3E-18	4.4E-18	1.2E-17	4.3E-14	1.0E-13	5.4E-15	5.4E-15	6.4E-20	3.9E-19	1.5E-13
Monochlorobiphenyl	4.2E-17	2.5E-18	3.4E-18	2.1E-18	5.8E-18	1.8E-13	4.3E-13	2.3E-14	2.3E-14	5.5E-20	3.4E-19	6.6E-13
Nonachlorobiphenyl	8.1E-19	2.0E-19	2.9E-19	1.7E-19	4.8E-19	1.5E-15	3.4E-15	1.8E-16	1.8E-16	2.5E-21	1.5E-20	5.2E-15
Octachlorobiphenyl	1.9E-18	3.8E-19	5.2E-19	3.2E-19	8.9E-19	3.2E-15	7.3E-15	4.0E-16	4.0E-16	4.6E-21	2.8E-20	1.1E-14
Pentachlorobiphenyl	8.8E-17	1.9E-17	2.6E-17	1.6E-17	4.4E-17	1.5E-13	3.4E-13	1.9E-14	1.9E-14	2.3E-19	1.4E-18	5.3E-13
Tetrachlorobiphenyl	1.8E-18	1.4E-19	1.9E-19	1.1E-19	3.2E-19	8.6E-15	2.0E-14	1.1E-15	1.1E-15	3.0E-21	1.9E-20	3.1E-14
Trichlorobiphenyl	2.4E-18	1.6E-19	2.3E-19	1.4E-19	3.8E-19	1.1E-14	2.5E-14	1.4E-15	1.4E-15	3.7E-21	2.3E-20	3.9E-14
Pesticides												
Chlordecone (Kepone)		1.8E-07		2.1E-07						4.8E-12		4.0E-07
DDE				1.0E-09	3.8E-10					9.0E-12	5.6E-11	1.4E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene						9.3E-09						9.3E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	7.1E-21					2.4E-13	5.5E-13	3.0E-14	3.0E-14			8.5E-13

Table H-431 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	9.8E-17	1.3E-15	1.9E-15	1.6E-15	4.4E-15	6.5E-12	1.5E-11	8.1E-13	8.1E-13	1.3E-20	8.2E-20	2.3E-11
Butyl benzyl phthalate	4.8E-18	8.8E-20	1.2E-19	1.0E-19	2.9E-19							5.4E-18
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	7.5E-18					1.4E-11	3.2E-11	1.7E-12	1.7E-12			5.0E-11
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	1.0E-21					1.4E-14	3.3E-14	1.8E-15	1.8E-15			5.1E-14
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	4.6E-19											4.6E-19
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	1.1E-20					5.9E-13	1.4E-12	7.4E-14	7.4E-14			2.1E-12
1,2-Dichloroethane	1.5E-20					1.0E-12	2.4E-12	3.7E-10	3.7E-10			7.5E-10
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												

Table H-431 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone												
Benzene	1.6E-18					9.4E-09	2.2E-10	1.1E-09	1.1E-09			1.2E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	2.8E-22					5.0E-14	1.2E-13	6.3E-15	6.3E-15			1.8E-13
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	1.3E-22					1.3E-08	4.3E-14	1.3E-09	1.3E-09			1.5E-08
Chlorobenzene												
Chlorodibromomethane	2.2E-20											2.2E-20
Chloroethane												
Chloroform	1.2E-21					7.1E-09	1.5E-12	7.9E-10	7.9E-10			8.7E-09
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	2.3E-19					9.8E-10	1.6E-11	8.7E-13	8.7E-13			1.0E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	7.4E-22					2.6E-15	6.0E-15	3.2E-16	3.2E-16			9.2E-15
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	2.0E-23					4.5E-16	1.0E-15	5.6E-17	5.6E-17			1.6E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	4.5E-24					4.3E-16	9.8E-16	5.3E-17	5.3E-17			1.5E-15

Table H-431 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane												
Vinyl chloride	4.9E-21					3.1E-13	7.2E-13	3.9E-14	3.9E-14			1.1E-12
Grand Total	4.5E-13	1.9E-07	9.8E-09	2.4E-07	4.7E-08	6.3E-07	7.4E-06	3.8E-09	3.8E-09	2.9E-10	9.1E-10	8.5E-06

Table H-432 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					3.3E-01	4.0E+00	7.9E-06	7.9E-06			4.4E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.0E-02	2.4E-02					1.0E-04	5.1E-04	3.5E-02
Antimony	3.9E-14			9.4E-04	1.2E-03							2.1E-03

Table H-432 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	1.2E-03	1.5E-03	2.8E-03	7.2E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	4.6E-06	2.6E-05	1.3E-02
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt				8.8E-02	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.2E-04	6.7E-04	2.2E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				3.2E-02	5.7E-02							8.9E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.1E-02	6.8E-02	7.9E-02
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.8E-02	4.0E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.0E-04	9.5E-04	6.9E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Thallium (Soluble Salts)					1.4E-02							1.4E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-432 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
Chlordecone (Kepone)		4.2E-03		5.0E-03								9.2E-03
DDE												
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.1E-02						1.1E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09

Table H-432 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol								1.7E-03				1.7E-03
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	9.1E-07	1.4E-04	1.4E-04			2.9E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												

Table H-432 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.8E-03	6.7E-05	3.2E-04	3.2E-04			3.5E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.5E-03	5.0E-09	1.5E-04	1.5E-04			1.8E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					2.2E-04	4.6E-08	2.4E-05	2.4E-05			2.7E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					2.7E-05	4.5E-07	2.4E-08	2.4E-08			2.8E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					3.6E-09	8.4E-09	4.5E-10	4.5E-10			1.3E-08

Table H-432 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	4.8E-09	5.4E-03	1.5E-03	1.7E-01	2.7E-01	3.5E-01	4.0E+00	1.0E-03	1.0E-03	1.2E-02	7.0E-02	4.9E+00

Table H-433 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						4.5E-11	1.1E-10	5.7E-12	5.7E-12			1.6E-10
Formaldehyde						5.9E-07	5.0E-06	1.4E-11	1.4E-11			5.6E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.7E-17	1.4E-14	2.0E-14	5.5E-14	1.5E-13	4.6E-12	1.1E-11	5.8E-13	5.8E-13	7.9E-19	4.9E-18	1.7E-11
1,2,3,4,6,7,8-HpCDF	1.7E-17	1.4E-14	2.0E-14	5.6E-14	1.6E-13	4.7E-12	1.1E-11	5.8E-13	5.8E-13	8.0E-19	4.9E-18	1.7E-11
1,2,3,4,7,8,9-HpCDF	2.7E-18	1.6E-15	2.3E-15	6.4E-15	1.8E-14	5.9E-13	1.4E-12	7.4E-14	7.4E-14	9.1E-20	5.6E-19	2.1E-12
1,2,3,4,7,8-HxCDD	2.0E-16	1.6E-14	2.2E-14	6.2E-14	1.7E-13	5.5E-12	1.3E-11	6.9E-13	6.9E-13	8.9E-19	5.5E-18	2.0E-11
1,2,3,4,7,8-HxCDF	1.4E-15	1.3E-13	1.8E-13	5.0E-13	1.4E-12	4.5E-11	1.0E-10	5.6E-12	5.6E-12	7.1E-18	4.4E-17	1.6E-10
1,2,3,6,7,8-HxCDD	4.0E-16	3.2E-14	4.5E-14	1.3E-13	3.6E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	1.8E-18	1.1E-17	4.2E-11
1,2,3,6,7,8-HxCDF	5.2E-16	4.1E-14	5.8E-14	1.6E-13	4.5E-13	1.5E-11	3.4E-11	1.8E-12	1.8E-12	2.3E-18	1.4E-17	5.3E-11
1,2,3,7,8,9-HxCDD	5.5E-16	5.1E-14	7.1E-14	2.0E-13	5.6E-13	1.8E-11	4.1E-11	2.2E-12	2.2E-12	2.9E-18	1.8E-17	6.4E-11
1,2,3,7,8,9-HxCDF	4.4E-17	2.9E-15	4.1E-15	1.2E-14	3.2E-14	1.1E-12	2.6E-12	1.4E-13	1.4E-13	1.7E-19	1.0E-18	4.0E-12
1,2,3,7,8-PeCDD	1.3E-14	1.8E-13	2.5E-13	7.1E-13	2.0E-12	7.0E-11	1.6E-10	8.8E-12	8.8E-12	1.0E-17	6.2E-17	2.5E-10
1,2,3,7,8-PeCDF	8.9E-16	1.1E-14	1.5E-14	4.1E-14	1.2E-13	5.0E-12	1.2E-11	6.2E-13	6.2E-13	5.9E-19	3.7E-18	1.8E-11
2,3,4,6,7,8-HxCDF	7.6E-16	6.4E-14	9.0E-14	2.5E-13	7.1E-13	2.3E-11	5.2E-11	2.8E-12	2.8E-12	3.6E-18	2.2E-17	8.2E-11
2,3,4,7,8-PeCDF	1.4E-14	2.5E-13	3.5E-13	9.9E-13	2.8E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	1.4E-17	8.8E-17	4.0E-10
2,3,7,8-TCDD	4.5E-15	3.7E-14	5.2E-14	1.5E-13	4.1E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	1.4E-15	8.9E-15	1.0E-10
2,3,7,8-TCDF	1.5E-15	6.7E-15	9.3E-15	2.6E-14	7.4E-14	1.0E-11	2.4E-11	1.3E-12	1.3E-12	3.8E-19	2.3E-18	3.7E-11
OCDD	2.3E-21	9.4E-17	1.3E-16	3.7E-16	1.0E-15	3.1E-14	7.1E-14	3.8E-15	3.8E-15	5.3E-21	3.3E-20	1.1E-13
OCDF	8.4E-22	3.6E-17	5.1E-17	1.4E-16	4.0E-16	1.1E-14	2.6E-14	1.4E-15	1.4E-15	2.1E-21	1.3E-20	4.1E-14
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-433 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.7E-17	7.7E-09	3.9E-09	1.8E-08	1.8E-08	3.6E-11	8.4E-11	4.6E-12	4.6E-12	4.3E-12	9.5E-12	4.8E-08
Barium												
Beryllium						1.5E-12	3.4E-12	1.8E-13	1.8E-13	1.8E-21	1.1E-20	5.2E-12
Cadmium						1.9E-11	4.5E-11	2.4E-12	2.4E-12	1.0E-21	6.3E-21	6.9E-11
Chromium												
Cobalt						1.3E-09	2.9E-09	1.6E-10	1.6E-10	1.7E-10	8.8E-10	5.5E-09
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						1.3E-11	3.0E-11	1.6E-12	1.6E-12	1.0E-10	5.3E-10	6.8E-10
Phosphorus												
Selenium												
Silver												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		9.9E-20	1.4E-19	9.0E-20	2.5E-19							5.8E-19
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	6.4E-14	2.3E-10	2.4E-14	2.1E-10	4.4E-14	4.7E-12	1.1E-11	5.9E-13	5.9E-13	4.8E-13	2.9E-12	4.6E-10
Benzo(a)pyrene	3.2E-13	2.7E-09	1.4E-08	2.5E-09	2.5E-08	1.8E-11	4.3E-11	2.3E-12	2.3E-12	1.8E-14	4.1E-13	4.4E-08
Benzo(b)fluoranthene	8.7E-15	4.9E-10	1.2E-09	4.4E-10	2.3E-09	2.1E-12	4.8E-12	2.6E-13	2.6E-13	3.3E-15	3.7E-14	4.4E-09
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-433 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Outdoor Vapors at CJ	Inhalation of Outdoor Vapors at Home	Grand Total
Benzo(k)fluoranthene	6.4E-18	3.7E-11	6.6E-17	3.3E-11	1.2E-16	1.8E-14	4.2E-14	2.3E-15	2.3E-15	2.5E-15	2.0E-20	7.0E-11
Biphenyl				3.8E-19	1.1E-18							1.4E-18
Chrysene	1.1E-16	2.8E-12	3.0E-16	2.6E-12	5.5E-16	8.0E-13	1.9E-12	1.0E-13	1.0E-13	1.9E-16	8.9E-20	8.3E-12
Dibenze(a,h)anthracene	1.6E-14	2.8E-14	3.8E-14	2.5E-14	7.0E-14	3.2E-12	7.3E-12	4.0E-13	4.0E-13	2.0E-19	1.2E-18	1.2E-11
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	3.9E-15	1.2E-10	1.1E-14	1.1E-10	2.0E-14	9.7E-13	2.2E-12	1.2E-13	1.2E-13	7.9E-16	3.3E-19	2.3E-10
Napthalene						7.2E-11	1.7E-10	9.0E-12	9.0E-12			2.6E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	6.1E-18	3.5E-19	4.9E-19	3.0E-19	8.4E-19	2.7E-14	6.1E-14	3.3E-15	3.3E-15	8.0E-21	4.9E-20	9.4E-14
Heptachlorobiphenyl	6.5E-18	1.2E-18	1.6E-18	9.8E-19	2.7E-18	1.0E-14	2.4E-14	1.3E-15	1.3E-15	1.4E-20	8.7E-20	3.7E-14
Hexachlorobiphenyl	2.6E-17	5.2E-18	7.3E-18	4.4E-18	1.2E-17	4.3E-14	1.0E-13	5.4E-15	5.4E-15	6.4E-20	3.9E-19	1.5E-13
Monochlorobiphenyl	4.2E-17	2.5E-18	3.4E-18	2.1E-18	5.8E-18	1.8E-13	4.3E-13	2.3E-14	2.3E-14	5.5E-20	3.4E-19	6.6E-13
Nonachlorobiphenyl	8.1E-19	2.0E-19	2.9E-19	1.7E-19	4.8E-19	1.5E-15	3.4E-15	1.8E-16	1.8E-16	2.5E-21	1.5E-20	5.2E-15
Octachlorobiphenyl	1.9E-18	3.8E-19	5.2E-19	3.2E-19	8.9E-19	3.2E-15	7.3E-15	4.0E-16	4.0E-16	4.6E-21	2.8E-20	1.1E-14
Pentachlorobiphenyl	8.8E-17	1.9E-17	2.6E-17	1.6E-17	4.4E-17	1.5E-13	3.4E-13	1.9E-14	1.9E-14	2.3E-19	1.4E-18	5.3E-13
Tetrachlorobiphenyl	1.8E-18	1.4E-19	1.9E-19	1.1E-19	3.2E-19	8.6E-15	2.0E-14	1.1E-15	1.1E-15	3.0E-21	1.9E-20	3.1E-14
Trichlorobiphenyl	2.4E-18	1.6E-19	2.3E-19	1.4E-19	3.8E-19	1.1E-14	2.5E-14	1.4E-15	1.4E-15	3.7E-21	2.3E-20	3.9E-14
Pesticides												
Chlordecone (Kepone)		1.8E-07		2.1E-07						4.8E-12		4.0E-07
DDE				1.0E-09	1.3E-09					9.0E-12	5.6E-11	2.4E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene							9.3E-09					9.3E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	7.1E-21						2.4E-13	5.5E-13	3.0E-14	3.0E-14		8.5E-13
2,4-Dimethylphenol												

Table H-433 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	9.8E-17	1.3E-15	1.9E-15	1.6E-15	4.4E-15	6.5E-12	1.5E-11	8.1E-13	8.1E-13	1.3E-20	8.2E-20	2.3E-11
Butyl benzyl phthalate	4.8E-18	8.8E-20	1.2E-19	1.0E-19	2.9E-19							5.4E-18
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	7.5E-18					1.4E-11	3.2E-11	1.7E-12	1.7E-12			5.0E-11
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	1.0E-21					1.4E-14	3.3E-14	1.8E-15	1.8E-15			5.1E-14
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	4.6E-19											4.6E-19
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	1.1E-20					5.9E-13	1.4E-12	7.4E-14	7.4E-14			2.1E-12
1,2-Dichloroethane	1.5E-20					1.0E-12	2.4E-12	3.7E-10	3.7E-10			7.5E-10
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-433 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	1.6E-18					9.4E-09	2.2E-10	1.1E-09	1.1E-09			1.2E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	2.8E-22					5.0E-14	1.2E-13	6.3E-15	6.3E-15			1.8E-13
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	1.3E-22					1.3E-08	4.3E-14	1.3E-09	1.3E-09			1.5E-08
Chlorobenzene												
Chlorodibromomethane	2.2E-20											2.2E-20
Chloroethane												
Chloroform	1.2E-21					7.1E-09	1.5E-12	7.9E-10	7.9E-10			8.7E-09
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	2.3E-19					9.8E-10	1.6E-11	8.7E-13	8.7E-13			1.0E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	7.4E-22					2.6E-15	6.0E-15	3.2E-16	3.2E-16			9.2E-15
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	2.0E-23					4.5E-16	1.0E-15	5.6E-17	5.6E-17			1.6E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	4.5E-24					4.3E-16	9.8E-16	5.3E-17	5.3E-17			1.5E-15
Trichlorofluoromethane												

Table H-433 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Vinyl chloride	4.9E-21					3.1E-13	7.2E-13	3.9E-14	3.9E-14			1.1E-12
Grand Total	4.5E-13	1.9E-07	1.9E-08	2.4E-07	4.7E-08	6.3E-07	5.0E-06	3.8E-09	3.8E-09	2.9E-10	1.5E-09	6.1E-06

Table H-434 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					3.3E-01	2.7E+00	7.9E-06	7.9E-06			3.1E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.0E-02	1.9E-02					1.0E-04	4.1E-04	3.0E-02
Antimony	3.9E-14			9.4E-04	4.2E-04							1.4E-03

Table H-434 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	1.2E-03	6.1E-04	2.8E-03	2.9E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	4.6E-06	1.0E-05	7.7E-03
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt				8.8E-02	2.1E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.2E-04	1.1E-03	3.1E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				3.2E-02	6.2E-02							9.4E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.1E-02	6.8E-02	7.9E-02
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.8E-02	6.6E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.0E-04	1.6E-03	9.6E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-434 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	1.1E-04	6.2E-06	6.2E-06			1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
Chlordecone (Kepone)		4.2E-03		5.0E-03								9.2E-03
DDE												
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.1E-02						1.1E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-434 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.7E-03						1.7E-03
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	9.1E-07	1.4E-04	1.4E-04			2.9E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07

Table H-434 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					2.8E-03	6.7E-05	3.2E-04	3.2E-04			3.5E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.5E-03	5.0E-09	1.5E-04	1.5E-04			1.8E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					2.2E-04	4.6E-08	2.4E-05	2.4E-05			2.7E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					2.7E-05	4.5E-07	2.4E-08	2.4E-08			2.8E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					3.6E-09	8.4E-09	4.5E-10	4.5E-10			1.3E-08
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-434 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	4.8E-09	5.4E-03	6.1E-04	1.7E-01	3.6E-01	3.5E-01	2.8E+00	1.0E-03	1.0E-03	1.2E-02	7.1E-02	3.7E+00

Table H-435 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						4.5E-11	1.6E-09	5.7E-12	5.4E-10			2.2E-09
Formaldehyde						5.9E-07	3.8E-09	1.4E-11	1.3E-09			6.0E-07
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.7E-17	1.4E-14	2.6E-13	5.5E-14	2.1E-12	4.6E-12	1.8E-10	5.8E-13	6.1E-11	7.9E-19	6.5E-17	2.5E-10
1,2,3,4,6,7,8-HpCDF	1.7E-17	1.4E-14	2.6E-13	5.6E-14	2.1E-12	4.7E-12	1.8E-10	5.8E-13	6.2E-11	8.0E-19	6.5E-17	2.5E-10
1,2,3,4,7,8,9-HpCDF	2.7E-18	1.6E-15	3.2E-14	6.4E-15	2.5E-13	5.9E-13	2.4E-11	7.4E-14	8.0E-12	9.1E-20	7.9E-18	3.3E-11
1,2,3,4,7,8-HxCDD	2.0E-16	1.6E-14	3.1E-13	6.2E-14	2.4E-12	5.5E-12	2.2E-10	6.9E-13	7.4E-11	8.9E-19	7.6E-17	3.1E-10
1,2,3,4,7,8-HxCDF	1.4E-15	1.3E-13	2.4E-12	5.0E-13	1.9E-11	4.5E-11	1.8E-09	5.6E-12	6.0E-10	7.1E-18	6.0E-16	2.5E-09
1,2,3,6,7,8-HxCDD	4.0E-16	3.2E-14	6.3E-13	1.3E-13	4.9E-12	1.2E-11	4.7E-10	1.5E-12	1.6E-10	1.8E-18	1.6E-16	6.5E-10
1,2,3,6,7,8-HxCDF	5.2E-16	4.1E-14	8.0E-13	1.6E-13	6.3E-12	1.5E-11	5.9E-10	1.8E-12	2.0E-10	2.3E-18	2.0E-16	8.1E-10
1,2,3,7,8,9-HxCDD	5.5E-16	5.1E-14	9.8E-13	2.0E-13	7.8E-12	1.8E-11	7.1E-10	2.2E-12	2.4E-10	2.9E-18	2.4E-16	9.8E-10
1,2,3,7,8,9-HxCDF	4.4E-17	2.9E-15	5.8E-14	1.2E-14	4.6E-13	1.1E-12	4.6E-11	1.4E-13	1.5E-11	1.7E-19	1.4E-17	6.3E-11
1,2,3,7,8-PeCDD	1.3E-14	1.8E-13	3.5E-12	7.1E-13	2.8E-11	7.0E-11	2.9E-09	8.8E-12	9.5E-10	1.0E-17	8.7E-16	3.9E-09
1,2,3,7,8-PeCDF	8.9E-16	1.1E-14	2.1E-13	4.1E-14	1.6E-12	5.0E-12	2.0E-10	6.2E-13	6.8E-11	5.9E-19	5.2E-17	2.8E-10
2,3,4,6,7,8-HxCDF	7.6E-16	6.4E-14	1.2E-12	2.5E-13	9.6E-12	2.3E-11	9.0E-10	2.8E-12	3.0E-10	3.6E-18	3.0E-16	1.2E-09
2,3,4,7,8-PeCDF	1.4E-14	2.5E-13	4.9E-12	9.9E-13	3.9E-11	1.1E-10	4.6E-09	1.4E-11	1.5E-09	1.4E-17	1.2E-15	6.3E-09
2,3,7,8-TCDD	4.5E-15	3.7E-14	5.3E-13	1.5E-13	4.2E-12	2.8E-11	9.4E-10	3.5E-12	3.1E-10	1.4E-15	9.2E-14	1.3E-09
2,3,7,8-TCDF	1.5E-15	6.7E-15	1.3E-13	2.6E-14	1.1E-12	1.0E-11	4.3E-10	1.3E-12	1.4E-10	3.8E-19	3.3E-17	5.8E-10
OCDD	2.3E-21	9.4E-17	1.7E-15	3.7E-16	1.4E-14	3.1E-14	1.2E-12	3.8E-15	4.0E-13	5.3E-21	4.3E-19	1.7E-12
OCDF	8.4E-22	3.6E-17	6.5E-16	1.4E-16	5.1E-15	1.1E-14	4.5E-13	1.4E-15	1.5E-13	2.1E-21	1.6E-19	6.1E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-435 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.7E-17	7.7E-09	1.0E-18	1.8E-08	4.9E-18	3.6E-11	1.3E-09	4.6E-12	4.3E-10	4.3E-12	2.5E-21	2.8E-08
Barium												
Beryllium						1.5E-12	5.0E-11	1.8E-13	1.7E-11	1.8E-21	1.5E-19	6.8E-11
Cadmium						1.9E-11	6.8E-10	2.4E-12	2.3E-10	1.0E-21	8.7E-20	9.3E-10
Chromium												
Cobalt						1.3E-09	2.3E-08	1.6E-10	7.7E-09	1.7E-10	7.8E-14	3.2E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						1.3E-11	4.4E-10	1.6E-12	1.5E-10	1.0E-10	6.2E-20	7.1E-10
Phosphorus												
Selenium												
Silver												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		9.9E-20	2.0E-18	9.0E-20	3.7E-18							5.9E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	6.4E-14	2.3E-10	3.8E-13	2.1E-10	7.0E-13	4.7E-12	2.0E-10	5.9E-13	6.8E-11	4.8E-13	3.5E-15	7.2E-10
Benzo(a)pyrene	3.2E-13	2.7E-09	1.7E-12	2.5E-09	3.0E-12	1.8E-11	7.7E-10	2.3E-12	2.6E-10	1.8E-14	4.9E-17	6.2E-09
Benzo(b)fluoranthene	8.7E-15	4.9E-10	8.9E-15	4.4E-10	1.6E-14	2.1E-12	8.3E-11	2.6E-13	2.8E-11	3.3E-15	2.6E-19	1.0E-09
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-435 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene	6.4E-18	3.7E-11	4.4E-16	3.3E-11	7.9E-16	1.8E-14	3.3E-13	2.3E-15	1.1E-13	2.5E-15	1.3E-19	7.1E-11
Biphenyl				3.8E-19	1.6E-17							1.6E-17
Chrysene	1.1E-16	2.8E-12	4.4E-15	2.6E-12	8.0E-15	8.0E-13	3.3E-11	1.0E-13	1.1E-11	1.9E-16	1.3E-18	5.1E-11
Dibenze(a,h)anthracene	1.6E-14	2.8E-14	5.5E-13	2.5E-14	1.0E-12	3.2E-12	1.3E-10	4.0E-13	4.4E-11	2.0E-19	1.8E-17	1.8E-10
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	3.9E-15	1.2E-10	1.6E-13	1.1E-10	2.9E-13	9.7E-13	4.0E-11	1.2E-13	1.3E-11	7.9E-16	4.7E-18	2.8E-10
Napthalene						7.2E-11	3.0E-09	9.0E-12	1.0E-09			4.1E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	6.1E-18	3.5E-19	7.0E-18	3.0E-19	1.2E-17	2.7E-14	1.1E-12	3.3E-15	3.6E-13	8.0E-21	7.0E-19	1.5E-12
Heptachlorobiphenyl	6.5E-18	1.2E-18	2.2E-17	9.8E-19	3.8E-17	1.0E-14	4.2E-13	1.3E-15	1.4E-13	1.4E-20	1.2E-18	5.7E-13
Hexachlorobiphenyl	2.6E-17	5.2E-18	9.4E-17	4.4E-18	1.6E-16	4.3E-14	1.7E-12	5.4E-15	5.6E-13	6.4E-20	5.1E-18	2.3E-12
Monochlorobiphenyl	4.2E-17	2.5E-18	4.9E-17	2.1E-18	8.3E-17	1.8E-13	7.6E-12	2.3E-14	2.5E-12	5.5E-20	4.9E-18	1.0E-11
Nonachlorobiphenyl	8.1E-19	2.0E-19	3.2E-18	1.7E-19	5.4E-18	1.5E-15	5.2E-14	1.8E-16	1.7E-14	2.5E-21	1.7E-19	7.1E-14
Octachlorobiphenyl	1.9E-18	3.8E-19	6.8E-18	3.2E-19	1.2E-17	3.2E-15	1.2E-13	4.0E-16	4.1E-14	4.6E-21	3.7E-19	1.7E-13
Pentachlorobiphenyl	8.8E-17	1.9E-17	3.2E-16	1.6E-17	5.4E-16	1.5E-13	5.6E-12	1.9E-14	1.9E-12	2.3E-19	1.7E-17	7.7E-12
Tetrachlorobiphenyl	1.8E-18	1.4E-19	2.3E-18	1.1E-19	3.9E-18	8.6E-15	3.2E-13	1.1E-15	1.1E-13	3.0E-21	2.3E-19	4.4E-13
Trichlorobiphenyl	2.4E-18	1.6E-19	2.9E-18	1.4E-19	4.9E-18	1.1E-14	4.2E-13	1.4E-15	1.4E-13	3.7E-21	2.9E-19	5.8E-13
Pesticides												
Chlordecone (Kepone)		1.8E-07		2.1E-07						4.8E-12		4.0E-07
DDE				1.0E-09						9.0E-12		1.0E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene						9.3E-09						9.3E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	7.1E-21					2.4E-13	1.1E-11	3.0E-14	3.6E-12			1.5E-11
2,4-Dimethylphenol												

Table H-435 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	9.8E-17	1.3E-15	2.4E-14	1.6E-15	5.7E-14	6.5E-12	2.5E-10	8.1E-13	8.5E-11	1.3E-20	1.1E-18	3.5E-10
Butyl benzyl phthalate	4.8E-18	8.8E-20	1.8E-18	1.0E-19	4.3E-18							1.1E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	7.5E-18					1.4E-11	2.5E-10	1.7E-12	8.3E-11			3.5E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	1.0E-21					1.4E-14	4.8E-13	1.8E-15	1.6E-13			6.6E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	4.6E-19											4.6E-19
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	1.1E-20					5.9E-13	1.1E-11	7.4E-14	3.5E-12			1.5E-11
1,2-Dichloroethane	1.5E-20					1.0E-12	3.9E-11	3.7E-10	1.3E-11			4.2E-10
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-435 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	1.6E-18					9.4E-09	3.8E-09	1.1E-09	1.3E-09			1.6E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	2.8E-22					5.0E-14	9.0E-13	6.3E-15	3.0E-13			1.3E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	1.3E-22					1.3E-08	3.3E-13	1.3E-09	1.1E-13			1.4E-08
Chlorobenzene												
Chlorodibromomethane	2.2E-20											2.2E-20
Chloroethane												
Chloroform	1.2E-21					7.1E-09	1.3E-11	7.9E-10	4.2E-12			7.9E-09
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	2.3E-19					9.8E-10	2.6E-10	8.7E-13	8.8E-11			1.3E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	7.4E-22					2.6E-15	9.5E-14	3.2E-16	3.2E-14			1.3E-13
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	2.0E-23					4.5E-16	1.6E-14	5.6E-17	5.2E-15			2.1E-14
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	4.5E-24					4.3E-16	7.6E-15	5.3E-17	2.5E-15			1.1E-14
Trichlorofluoromethane												

Table H-435 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	4.9E-21					3.1E-13	7.6E-12	3.9E-14	2.5E-12			1.0E-11
Grand Total	4.5E-13	1.9E-07	1.9E-11	2.4E-07	1.3E-10	6.3E-07	5.4E-08	3.8E-09	1.8E-08	2.9E-10	1.8E-13	1.1E-06

Table H-436 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	1.5E-03	5.2E-06	5.0E-04			2.0E-03
Aldehydes												
Acetaldehyde						1.6E-04	5.8E-03	2.0E-05	1.9E-03			7.9E-03
Formaldehyde	2.3E-12					3.3E-01	2.1E-03	7.9E-06	6.9E-04			3.3E-01
Propionaldehyde						2.0E-05	7.2E-04	2.5E-06	2.4E-04	2.1E-12	1.5E-10	9.8E-04
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.5E-07	2.0E-07	5.9E-06	1.3E-06	4.3E-05	1.6E-07	1.4E-05	1.2E-10	7.8E-09	6.6E-05
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	7.7E-03	2.5E-05	2.6E-03			1.1E-02
Metals												
Aluminum				1.0E-02						1.0E-04		1.0E-02
Antimony	3.9E-14			9.4E-04								9.4E-04

Table H-436 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	1.2E-03	1.6E-13	2.8E-03	7.6E-13	4.0E-05	1.4E-03	4.9E-06	4.7E-04	4.6E-06	2.7E-15	5.9E-03
Barium	1.2E-11			1.6E-08	5.4E-07	2.5E-04	6.8E-03	3.1E-05	2.3E-03	3.1E-10	2.3E-08	9.3E-03
Beryllium	1.7E-14			5.2E-13	2.0E-11	2.1E-06	7.3E-05	2.7E-07	2.4E-05	2.6E-15	2.1E-13	9.9E-05
Cadmium	8.3E-12			8.2E-13	3.1E-11	7.6E-05	2.6E-03	9.5E-06	8.8E-04	4.0E-15	3.4E-13	3.6E-03
Chromium	1.7E-15			5.5E-11	2.2E-09							2.2E-09
Cobalt				8.8E-02	3.3E-05	1.6E-03	3.0E-02	2.0E-04	9.9E-03	2.2E-04	1.8E-07	1.3E-01
Copper				8.4E-09	3.2E-07							3.3E-07
Iron				3.2E-02								3.2E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.5E-09	7.8E-08	2.8E-06	9.8E-09	9.2E-07	5.6E-15	3.8E-13	3.8E-06
Mercury, elemental						3.3E-10	1.2E-08	4.1E-11	3.8E-09	1.1E-02		1.1E-02
Methyl Mercury	8.7E-11			2.0E-11	7.9E-10							8.9E-10
Nickel	1.7E-13			2.8E-02	7.8E-12	3.9E-05	1.3E-03	4.8E-06	4.4E-04	3.0E-04	1.9E-13	3.0E-02
Phosphorus				3.7E-10	1.4E-08							1.4E-08
Selenium	5.5E-14			8.1E-15	3.1E-13	8.7E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-20	8.4E-18	4.2E-07
Silver	4.2E-14			1.7E-10	6.2E-09							6.4E-09
Titanium												
Zinc	1.4E-11			6.1E-13	2.2E-11							3.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	6.9E-14	3.1E-15	1.3E-13							2.0E-13
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	1.2E-12	5.2E-14	2.1E-12							3.4E-12
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-436 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	2.8E-13	2.8E-04	1.2E-02	3.5E-05	3.9E-03	4.9E-12	4.5E-10	1.6E-02
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	3.4E-11	1.5E-12	6.3E-11							1.1E-10
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	2.1E-03	6.2E-06	6.9E-04			2.8E-03
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.7E-10	7.6E-12	3.1E-10							5.1E-10
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.8E-10	7.8E-12	3.1E-10							6.0E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	7.2E-11	3.2E-12	1.2E-10	9.8E-10	3.9E-08	1.2E-10	1.3E-08	2.5E-15	2.1E-13	5.4E-08
Hexachlorobiphenyl	4.6E-11	1.7E-11	3.0E-10	1.4E-11	5.1E-10	4.1E-06	1.6E-04	5.1E-07	5.3E-05	1.1E-11	8.8E-10	2.2E-04
Monochlorobiphenyl	6.1E-10	6.4E-11	1.3E-09	5.4E-11	2.2E-09							4.2E-09
Nonachlorobiphenyl	1.4E-12	6.6E-13	1.0E-11	5.6E-13	1.7E-11							3.0E-11
Octachlorobiphenyl	3.4E-12	1.2E-12	2.2E-11	1.0E-12	3.7E-11							6.5E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	1.0E-09	5.1E-11	1.8E-09	4.6E-05	1.7E-03	5.7E-06	5.7E-04	1.3E-10	9.9E-09	2.3E-03
Tetrachlorobiphenyl	2.6E-11	3.5E-12	6.0E-11	3.0E-12	1.0E-10	2.3E-07	8.7E-06	2.9E-08	2.9E-06	1.5E-13	1.1E-11	1.2E-05
Trichlorobiphenyl	3.4E-11	4.3E-12	7.6E-11	3.6E-12	1.3E-10							2.5E-10
Pesticides												
Chlordecone (Kepone)		4.2E-03		5.0E-03								9.2E-03
DDE												
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	4.3E-06	1.7E-08	1.4E-06			5.9E-06
1,2-dichlorobenzene	3.1E-17					5.4E-10	9.7E-09	6.8E-11	3.2E-09			1.4E-08
1,3-Butadiene						1.1E-02						1.1E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	8.5E-08	2.4E-10	2.8E-08			1.2E-07
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-436 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	3.9E-06	1.2E-08	1.3E-06			5.3E-06
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	6.0E-09	4.0E-10	1.4E-08							2.1E-08
Butyl benzyl phthalate	8.8E-13	1.6E-14	3.3E-13	1.9E-14	7.9E-13							2.0E-12
Carbazole												
Dibenzofuran		1.4E-13	2.9E-12	5.7E-13	2.3E-11							2.6E-11
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	6.7E-13	3.9E-14	1.6E-12							1.9E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	8.7E-12	1.1E-12	2.1E-11							3.1E-11
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol								1.7E-03				1.7E-03
Phenol	4.9E-13					1.5E-06	6.2E-05	1.9E-07	2.1E-05			8.5E-05
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	1.0E-09	3.3E-12	3.3E-10			1.4E-09
1,1-Dichloroethene	1.2E-19					1.3E-10	2.3E-09	1.6E-11	7.7E-10			3.2E-09
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	6.4E-06	4.5E-08	2.1E-06			9.0E-06
1,2,4-Trimethylbenzene						8.9E-07	2.8E-05	1.1E-07	9.4E-06			3.9E-05
1,2-Dibromoethane	4.1E-17					7.7E-09	1.4E-07	9.6E-10	4.6E-08			1.9E-07
1,2-Dichloroethane	1.9E-15					4.0E-07	1.5E-05	1.4E-04	5.0E-06			1.6E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	2.6E-07	8.3E-10	8.7E-08			3.6E-07
2-Chlorotoluene												
2-Hexanone						2.3E-07	8.2E-06	2.8E-08	2.7E-06			1.1E-05

Table H-436 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					2.8E-03	1.1E-03	3.2E-04	3.8E-04			4.7E-03
Bromobenzene						6.2E-07	1.1E-05	7.8E-08	3.7E-06			1.5E-05
Bromochloromethane						2.2E-09	3.9E-08	2.8E-10	1.3E-08			5.5E-08
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	2.3E-05	9.5E-08	7.6E-06			3.1E-05
Carbon disulfide	1.3E-17					4.8E-09	1.4E-07	6.0E-10	4.7E-08			1.9E-07
Carbon tetrachloride	3.4E-17					1.5E-03	3.9E-08	1.5E-04	1.3E-08			1.6E-03
Chlorobenzene	2.3E-15					9.6E-08	3.4E-06	1.2E-08	1.1E-06			4.7E-06
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	3.2E-08	1.1E-10	1.1E-08			4.3E-08
Chloroform	2.8E-16					2.2E-04	3.9E-07	2.4E-05	1.3E-07			2.5E-04
Chloromethane						3.4E-07	1.0E-05	4.3E-08	3.5E-06			1.4E-05
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	9.1E-07	6.4E-09	3.0E-07			1.3E-06
Dichlorodifluoromethane	2.4E-20					2.5E-09	4.4E-08	3.1E-10	1.5E-08			6.2E-08
Ethylbenzene	1.5E-14					2.7E-05	7.4E-06	2.4E-08	2.5E-06			3.7E-05
Isopropylbenzene	2.0E-17					3.9E-08	1.3E-06	4.9E-09	4.5E-07			1.8E-06
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.1E-09	1.5E-11	7.1E-10			3.0E-09
Methylene chloride	4.3E-15					3.0E-08	1.1E-06	3.8E-09	3.7E-07			1.5E-06
n-Butylbenzene												
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07			4.2E-07
o-Xylene	1.4E-15					2.3E-07	7.6E-06	2.9E-08	2.5E-06			1.0E-05
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.9E-05	6.4E-08	6.2E-06			2.5E-05
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	1.1E-07	3.8E-10	3.5E-08			1.4E-07
Toluene	2.0E-14					6.3E-08	2.5E-06	7.9E-09	8.3E-07			3.4E-06
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					3.6E-09	6.5E-08	4.5E-10	2.2E-08			9.0E-08
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-436 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					5.0E-08	1.2E-06	6.2E-09	4.0E-07			1.7E-06
Grand Total	4.8E-09	5.4E-03	7.6E-07	1.7E-01	4.0E-05	3.5E-01	7.7E-02	1.0E-03	2.6E-02	1.2E-02	2.2E-07	6.3E-01

Table H-437 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			1.5E-09	1.9E-10		1.7E-09
Formaldehyde			3.3E-09	4.1E-10		3.7E-09
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	4.1E-13	1.6E-12	1.8E-10	2.2E-11	2.3E-17	2.0E-10
1,2,3,4,6,7,8-HpCDF	4.1E-13	1.6E-12	1.8E-10	2.2E-11	2.3E-17	2.0E-10
1,2,3,4,7,8,9-HpCDF	5.1E-14	2.0E-13	2.3E-11	2.9E-12	2.9E-18	2.6E-11
1,2,3,4,7,8-HxCDD	4.9E-13	1.9E-12	2.1E-10	2.7E-11	2.8E-17	2.4E-10
1,2,3,4,7,8-HxCDF	3.9E-12	1.5E-11	1.7E-09	2.2E-10	2.2E-16	2.0E-09
1,2,3,6,7,8-HxCDD	1.0E-12	4.0E-12	4.5E-10	5.7E-11	5.7E-17	5.1E-10
1,2,3,6,7,8-HxCDF	1.3E-12	5.1E-12	5.7E-10	7.1E-11	7.3E-17	6.5E-10
1,2,3,7,8,9-HxCDD	1.6E-12	6.2E-12	6.9E-10	8.6E-11	8.9E-17	7.8E-10
1,2,3,7,8,9-HxCDF	9.3E-14	3.7E-13	4.4E-11	5.5E-12	5.3E-18	5.0E-11
1,2,3,7,8-PeCDD	5.6E-12	2.2E-11	2.8E-09	3.4E-10	3.2E-16	3.1E-09

Table H-437 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	3.3E-13	1.3E-12	2.0E-10	2.5E-11	1.9E-17	2.2E-10
2,3,4,6,7,8-HxCDF	1.9E-12	7.6E-12	8.6E-10	1.1E-10	1.1E-16	9.8E-10
2,3,4,7,8-PeCDF	8.0E-12	3.1E-11	4.4E-09	5.5E-10	4.5E-16	5.0E-09
2,3,7,8-TCDD	7.3E-13	2.9E-12	8.3E-10	1.0E-10	2.9E-14	9.4E-10
2,3,7,8-TCDF	2.2E-13	8.5E-13	4.1E-10	5.2E-11	1.2E-17	4.6E-10
OCDD	2.7E-15	1.1E-14	1.1E-12	1.4E-13	1.5E-19	1.3E-12
OCDF	1.0E-15	4.0E-15	4.2E-13	5.3E-14	5.7E-20	4.8E-13
HCN						
Hydrogen cyanide						
Metals						
Antimony						
Arsenic	1.3E-18	3.0E-18	1.2E-09	1.5E-10	7.0E-22	1.3E-09
Barium						
Beryllium			4.4E-11	5.5E-12	3.9E-20	5.0E-11
Cadmium			6.2E-10	7.7E-11	2.4E-20	6.9E-10
Chromium						
Cobalt			1.2E-08	1.5E-09	1.4E-14	1.4E-08
Copper						
Lead						
Manganese						
Mercury (+2)						
Mercury, elemental						
Methyl Mercury						

Table H-437 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Nickel			4.0E-10	5.0E-11	1.7E-20	4.5E-10
Phosphorus						
Selenium						
Silver						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.3E-18	3.0E-18				6.3E-18
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	6.5E-13	5.9E-13	2.0E-10	2.5E-11	1.3E-15	2.3E-10
Benzo(a)pyrene	2.7E-12	2.5E-12	7.5E-10	9.4E-11	1.8E-17	8.5E-10
Benzo(b)fluoranthene	1.4E-14	1.3E-14	8.0E-11	1.0E-11	9.5E-20	9.0E-11
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	3.8E-16	3.5E-16	1.6E-13	2.0E-14	2.6E-20	1.8E-13

Table H-437 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Biphenyl		1.3E-17				1.3E-17
Chrysene	7.1E-15	6.5E-15	3.2E-11	4.0E-12	4.8E-19	3.6E-11
Dibenze(a,h)anthracene	8.9E-13	8.1E-13	1.3E-10	1.6E-11	6.5E-18	1.4E-10
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	2.6E-13	2.3E-13	3.9E-11	4.8E-12	1.7E-18	4.4E-11
Napthalene			2.9E-09	3.6E-10		3.3E-09
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	1.1E-17	9.6E-18	1.0E-12	1.3E-13	2.6E-19	1.2E-12
Heptachlorobiphenyl	3.6E-17	3.0E-17	4.0E-13	5.0E-14	4.4E-19	4.5E-13
Hexachlorobiphenyl	1.5E-16	1.2E-16	1.6E-12	2.0E-13	1.8E-18	1.8E-12
Monochlorobiphenyl	8.0E-17	6.7E-17	7.4E-12	9.2E-13	1.8E-18	8.3E-12
Nonachlorobiphenyl	4.6E-18	3.9E-18	4.7E-14	5.9E-15	5.6E-20	5.3E-14
Octachlorobiphenyl	1.1E-17	9.0E-18	1.2E-13	1.5E-14	1.3E-19	1.3E-13
Pentachlorobiphenyl	4.9E-16	4.1E-16	5.3E-12	6.6E-13	6.0E-18	5.9E-12
Tetrachlorobiphenyl	3.4E-18	2.9E-18	3.0E-13	3.8E-14	7.8E-20	3.4E-13

Table H-437 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Trichlorobiphenyl	4.5E-18	3.8E-18	4.0E-13	5.0E-14	1.0E-19	4.5E-13
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.1E-11	1.3E-12		1.2E-11
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.7E-14	4.4E-14	2.4E-10	3.0E-11	3.7E-19	2.7E-10
Butyl benzyl phthalate	3.0E-18	3.5E-18				6.4E-18
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			1.2E-10	1.5E-11		1.4E-10

Table H-437 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			4.3E-13	5.4E-14		4.8E-13
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			5.3E-12	6.6E-13		5.9E-12
1,2-Dichloroethane			3.6E-11	4.5E-12		4.1E-11
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						
2-Chlorotoluene						
2-Hexanone						
Benzene			3.6E-09	4.5E-10		4.1E-09
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			4.5E-13	5.6E-14		5.0E-13
Bromomethane						

Table H-437 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbon disulfide						
Carbon tetrachloride			1.7E-13	2.1E-14		1.9E-13
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			7.1E-12	8.9E-13		8.0E-12
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			2.5E-10	3.1E-11		2.8E-10
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			8.8E-14	1.1E-14		9.9E-14
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						

Table H-437 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
tert-Butylbenzene						
Tetrachloroethene			1.4E-14	1.8E-15		1.6E-14
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			3.8E-15	4.7E-16		4.2E-15
Trichlorofluoromethane						
Vinyl chloride			5.4E-12	6.8E-13		6.1E-12
Grand Total	3.1E-11	1.1E-10	4.1E-08	5.2E-09	4.6E-14	4.7E-08

Table H-438 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			1.4E-03	1.7E-04		1.5E-03
Aldehydes						
Acetaldehyde			5.3E-03	6.6E-04		5.9E-03
Formaldehyde			1.8E-03	2.3E-04		2.1E-03
Propionaldehyde			6.6E-04	8.2E-05	4.9E-11	7.4E-04
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-438 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	1.0E-06	4.1E-06	3.8E-05	4.8E-06	2.4E-09	4.8E-05
2,3,7,8-TCDF						
OCDD						
OCDF						
HCN						
Hydrogen cyanide			7.3E-03	9.1E-04		8.2E-03
Metals						
Antimony						
Arsenic	2.0E-13	4.6E-13	1.3E-03	1.6E-04	7.6E-16	1.4E-03
Barium		2.7E-07	5.3E-03	6.6E-04	5.2E-09	6.0E-03
Beryllium		1.2E-11	6.5E-05	8.1E-06	5.7E-14	7.3E-05
Cadmium		1.9E-11	2.4E-03	3.0E-04	9.3E-14	2.7E-03
Chromium		1.3E-09				1.3E-09
Cobalt		1.3E-05	1.6E-02	2.0E-03	3.3E-08	1.8E-02
Copper		1.9E-07				1.9E-07
Lead						
Manganese						
Mercury (+2)		2.5E-09	2.5E-06	3.1E-07	1.2E-13	2.8E-06
Mercury, elemental			1.0E-08	1.3E-09		1.2E-08
Methyl Mercury		4.8E-10				4.8E-10

Table H-438 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Nickel		4.6E-12	1.2E-03	1.5E-04	5.1E-14	1.3E-03
Phosphorus		7.9E-09				7.9E-09
Selenium		1.9E-13	2.8E-07	3.4E-08	2.3E-18	3.1E-07
Silver		3.6E-09				3.6E-09
Titanium						
Zinc		1.1E-11				1.1E-11
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	1.1E-13	1.0E-13				2.2E-13
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	1.9E-12	1.8E-12				3.7E-12
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						

Table H-438 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Biphenyl		2.3E-13	1.1E-02	1.4E-03	1.7E-10	1.3E-02
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	5.6E-11	5.1E-11				1.1E-10
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene			2.0E-03	2.5E-04		2.3E-03
Perylene						
Phenanthrene						
Pyrene	2.8E-10	2.6E-10				5.4E-10
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	3.0E-10	2.5E-10				5.5E-10
Heptachlorobiphenyl	1.2E-10	9.8E-11	3.8E-08	4.7E-09	7.6E-14	4.3E-08
Hexachlorobiphenyl	4.7E-10	4.0E-10	1.5E-04	1.9E-05	3.1E-10	1.7E-04
Monochlorobiphenyl	2.1E-09	1.8E-09				3.8E-09
Nonachlorobiphenyl	1.5E-11	1.2E-11				2.7E-11
Octachlorobiphenyl	3.5E-11	2.9E-11				6.4E-11
Pentachlorobiphenyl	1.6E-09	1.3E-09	1.6E-03	2.0E-04	3.4E-09	1.8E-03
Tetrachlorobiphenyl	9.0E-11	7.6E-11	8.1E-06	1.0E-06	3.8E-12	9.1E-06

Table H-438 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Trichlorobiphenyl	1.2E-10	9.9E-11				2.2E-10
SVOCs						
1,2,4-trichlorobenzene			3.8E-06	4.7E-07		4.2E-06
1,2-dichlorobenzene			4.8E-09	6.0E-10		5.4E-09
1,3-dichlorobenzene						
1,4-dichlorobenzene			8.5E-08	1.1E-08		9.5E-08
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			3.8E-06	4.8E-07		4.3E-06
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	9.4E-09	1.1E-08				2.0E-08
Butyl benzyl phthalate	5.4E-13	6.4E-13				1.2E-12
Carbazole						
Dibenzofuran	4.6E-12	1.8E-11				2.3E-11
Dimethyl phthalate						
Di-n-butyl phthalate	1.1E-12	1.3E-12				2.4E-12
Di-n-octyl phthalate	7.7E-12	9.0E-12				1.7E-11
Hexachlorobutadiene						

Table H-438 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Phenol			6.0E-05	7.6E-06		6.8E-05
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			9.3E-10	1.2E-10		1.0E-09
1,1-Dichloroethene			1.2E-09	1.4E-10		1.3E-09
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.2E-06	4.0E-07		3.6E-06
1,2,4-Trimethylbenzene			2.4E-05	3.0E-06		2.7E-05
1,2-Dibromoethane			6.8E-08	8.5E-09		7.7E-08
1,2-Dichloroethane			1.4E-05	1.7E-06		1.6E-05
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone			2.5E-07	3.1E-08		2.8E-07
2-Chlorotoluene						
2-Hexanone			7.5E-06	9.4E-07		8.5E-06
Benzene			1.1E-03	1.3E-04		1.2E-03
Bromobenzene			5.5E-06	6.9E-07		6.2E-06
Bromochloromethane			2.0E-08	2.4E-09		2.2E-08
Bromodichloromethane						
Bromomethane			1.9E-05	2.4E-06		2.2E-05

Table H-438 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbon disulfide			1.1E-07	1.4E-08		1.3E-07
Carbon tetrachloride			1.9E-08	2.4E-09		2.2E-08
Chlorobenzene			3.1E-06	3.9E-07		3.5E-06
Chlorodibromomethane						
Chloroethane			2.9E-08	3.6E-09		3.2E-08
Chloroform			2.2E-07	2.8E-08		2.5E-07
Chloromethane			8.7E-06	1.1E-06		9.8E-06
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			4.5E-07	5.6E-08		5.1E-07
Dichlorodifluoromethane			2.2E-08	2.8E-09		2.5E-08
Ethylbenzene			6.9E-06	8.6E-07		7.8E-06
Isopropylbenzene			1.2E-06	1.5E-07		1.4E-06
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.1E-09	1.3E-10		1.2E-09
Methylene chloride			1.0E-06	1.3E-07		1.2E-06
n-Butylbenzene						
n-Propylbenzene			2.7E-07	3.4E-08		3.0E-07
o-Xylene			6.7E-06	8.4E-07		7.6E-06
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			1.7E-05	2.1E-06		1.9E-05

Table H-438 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
tert-Butylbenzene						
Tetrachloroethene			9.5E-08	1.2E-08		1.1E-07
Toluene			2.4E-06	2.9E-07		2.7E-06
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			3.2E-08	4.0E-09		3.6E-08
Trichlorofluoromethane						
Vinyl chloride			8.6E-07	1.1E-07		9.7E-07
Grand Total	1.0E-06	1.8E-05	5.9E-02	7.4E-03	4.5E-08	6.6E-02

Table H-439 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas							
Hydrogen Chloride							
Aldehydes							
Acetaldehyde				2.2E-09	7.4E-10		3.0E-09
Formaldehyde				5.1E-09	1.7E-09		6.9E-09
Propionaldehyde							
CO							
Carbon monoxide							
CO2							
Carbon dioxide							
Criteria							
Sulfur Dioxide							
DIOXINS							
1,2,3,4,6,7,8-HpCDD	1.7E-17	2.6E-13	2.1E-12	2.5E-10	8.3E-11	8.9E-17	3.4E-10
1,2,3,4,6,7,8-HpCDF	1.7E-17	2.6E-13	2.1E-12	2.5E-10	8.4E-11	8.9E-17	3.4E-10
1,2,3,4,7,8,9-HpCDF	2.7E-18	3.2E-14	2.5E-13	3.3E-11	1.1E-11	1.1E-17	4.4E-11
1,2,3,4,7,8-HxCDD	2.0E-16	3.1E-13	2.4E-12	3.0E-10	1.0E-10	1.0E-16	4.1E-10
1,2,3,4,7,8-HxCDF	1.4E-15	2.4E-12	1.9E-11	2.5E-09	8.2E-10	8.2E-16	3.3E-09
1,2,3,6,7,8-HxCDD	4.0E-16	6.3E-13	4.9E-12	6.4E-10	2.1E-10	2.1E-16	8.6E-10
1,2,3,6,7,8-HxCDF	5.2E-16	8.0E-13	6.3E-12	8.1E-10	2.7E-10	2.7E-16	1.1E-09
1,2,3,7,8,9-HxCDD	5.5E-16	9.8E-13	7.8E-12	9.7E-10	3.2E-10	3.3E-16	1.3E-09
1,2,3,7,8,9-HxCDF	4.4E-17	5.8E-14	4.6E-13	6.2E-11	2.1E-11	2.0E-17	8.4E-11
1,2,3,7,8-PeCDD	1.3E-14	3.5E-12	2.8E-11	3.9E-09	1.3E-09	1.2E-15	5.2E-09

Table H-439 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption		Dermal		Inhalation of		Grand Total
	of Locally Caught Fish	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Inhalation of Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	8.9E-16	2.1E-13	1.6E-12	2.8E-10	9.3E-11	7.0E-17	3.7E-10
2,3,4,6,7,8-HxCDF	7.6E-16	1.2E-12	9.6E-12	1.2E-09	4.1E-10	4.1E-16	1.7E-09
2,3,4,7,8-PeCDF	1.4E-14	4.9E-12	3.9E-11	6.2E-09	2.1E-09	1.7E-15	8.4E-09
2,3,7,8-TCDD	4.5E-15	5.3E-13	4.2E-12	1.3E-09	4.3E-10	1.3E-13	1.7E-09
2,3,7,8-TCDF	1.5E-15	1.3E-13	1.1E-12	5.8E-10	1.9E-10	4.5E-17	7.8E-10
OCDD	2.3E-21	1.7E-15	1.4E-14	1.6E-12	5.5E-13	5.9E-19	2.2E-12
OCDF	8.4E-22	6.5E-16	5.1E-15	6.1E-13	2.0E-13	2.2E-19	8.2E-13
HCN							
Hydrogen cyanide							
Metals							
Antimony							
Arsenic	1.7E-17	1.0E-18	4.9E-18	1.8E-09	5.9E-10	3.4E-21	2.3E-09
Barium							
Beryllium				6.8E-11	2.3E-11	2.0E-19	9.0E-11
Cadmium				9.3E-10	3.1E-10	1.2E-19	1.2E-09
Chromium							
Cobalt				3.1E-08	1.0E-08	1.1E-13	4.2E-08
Copper							
Lead							
Manganese							
Mercury (+2)							
Mercury, elemental							
Methyl Mercury							

Table H-439 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Nickel				6.1E-10	2.0E-10	8.5E-20	8.1E-10
Phosphorus							
Selenium							
Silver							
Titanium							
Zinc							
NOx							
NOx (Oxides of Nitrogen)							
PAHs							
1-Methylnaphthalene		2.0E-18	3.7E-18				5.7E-18
1-Methylphenanthrene							
2,3,5-Trimethylnaphthalene							
2,6-Dimethylnaphthalene							
2-Methylnaphthalene							
Acenaphthylene							
Acenaphthene							
Anthracene							
Benzo(a)anthracene	6.4E-14	3.8E-13	7.0E-13	2.8E-10	9.2E-11	4.8E-15	3.7E-10
Benzo(a)pyrene	3.2E-13	1.7E-12	3.0E-12	1.1E-09	3.5E-10	6.7E-17	1.4E-09
Benzo(b)fluoranthene	8.7E-15	8.9E-15	1.6E-14	1.1E-10	3.8E-11	3.6E-19	1.5E-10
Benzo(e)pyrene							
Benzo(g,h,i)perylene							
Benzo(k)fluoranthene	6.4E-18	4.4E-16	7.9E-16	4.5E-13	1.5E-13	1.8E-19	6.0E-13

Table H-439 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Biphenyl			1.6E-17				1.6E-17
Chrysene	1.1E-16	4.4E-15	8.0E-15	4.5E-11	1.5E-11	1.8E-18	6.0E-11
Dibenze(a,h)anthracene	1.6E-14	5.5E-13	1.0E-12	1.8E-10	6.0E-11	2.4E-17	2.4E-10
Fluoranthene							
Fluorene							
Indeno(1,2,3-cd)pyrene	3.9E-15	1.6E-13	2.9E-13	5.4E-11	1.8E-11	6.4E-18	7.3E-11
Napthalene				4.1E-09	1.4E-09		5.5E-09
Perylene							
Phenanthrene							
Pyrene							
Particulate							
Particulate Total Suspended Particulate							
PM<10							
PM<2.5							
PCBs							
Dichlorobiphenyl	6.1E-18	7.0E-18	1.2E-17	1.5E-12	4.9E-13	9.5E-19	2.0E-12
Heptachlorobiphenyl	6.5E-18	2.2E-17	3.8E-17	5.7E-13	1.9E-13	1.6E-18	7.6E-13
Hexachlorobiphenyl	2.6E-17	9.4E-17	1.6E-16	2.3E-12	7.7E-13	6.9E-18	3.1E-12
Monochlorobiphenyl	4.2E-17	4.9E-17	8.3E-17	1.0E-11	3.5E-12	6.6E-18	1.4E-11
Nonachlorobiphenyl	8.1E-19	3.2E-18	5.4E-18	7.1E-14	2.4E-14	2.3E-19	9.4E-14
Octachlorobiphenyl	1.9E-18	6.8E-18	1.2E-17	1.7E-13	5.6E-14	5.0E-19	2.3E-13
Pentachlorobiphenyl	8.8E-17	3.2E-16	5.4E-16	7.7E-12	2.6E-12	2.4E-17	1.0E-11
Tetrachlorobiphenyl	1.8E-18	2.3E-18	3.9E-18	4.4E-13	1.5E-13	3.1E-19	5.9E-13

Table H-439 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Trichlorobiphenyl	2.4E-18	2.9E-18	4.9E-18	5.8E-13	1.9E-13	3.9E-19	7.7E-13
SVOCs							
1,2,4-trichlorobenzene							
1,2-dichlorobenzene							
1,3-dichlorobenzene							
1,4-dichlorobenzene	7.1E-21			1.5E-11	4.9E-12		1.9E-11
2,4-Dimethylphenol							
2-Chlorophenol							
2-Methylphenol							
2-Nitrophenol							
3-Methylphenol & 4-Methylphenol							
4-Nitrophenol							
Acetophenone							
Benzoic acid							
Benzyl alcohol							
bis(2-Ethylhexyl) phthalate	9.8E-17	2.4E-14	5.7E-14	3.5E-10	1.2E-10	1.4E-18	4.6E-10
Butyl benzyl phthalate	4.8E-18	1.8E-18	4.3E-18				1.1E-17
Carbazole							
Dibenzofuran							
Dimethyl phthalate							
Di-n-butyl phthalate							
Di-n-octyl phthalate							
Hexachlorobutadiene	7.5E-18			3.4E-10	1.1E-10		4.5E-10

Table H-439 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Phenol							
Pyridine							
TRS							
Total Reduced Sulfur							
VOCs							
1,1,1,2-Tetrachloroethane	1.0E-21			6.6E-13	2.2E-13		8.8E-13
1,1,1-Trichloroethane							
1,1-Dichloroethene							
1,2,3-Trichlorobenzene							
1,2,3-Trichloropropane	4.6E-19						4.6E-19
1,2,4-Trimethylbenzene							
1,2-Dibromoethane	1.1E-20			1.4E-11	4.8E-12		1.9E-11
1,2-Dichloroethane	1.5E-20			5.3E-11	1.8E-11		7.1E-11
1,3,5-Trimethylbenzene							
1,3-Dichloropropane							
2-Butanone							
2-Chlorotoluene							
2-Hexanone							
Benzene	1.6E-18			5.2E-09	1.7E-09		6.9E-09
Bromobenzene							
Bromochloromethane							
Bromodichloromethane	2.8E-22			1.2E-12	4.1E-13		1.6E-12
Bromomethane							

Table H-439 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Carbon disulfide							
Carbon tetrachloride	1.3E-22			4.5E-13	1.5E-13		6.1E-13
Chlorobenzene							
Chlorodibromomethane	2.2E-20						2.2E-20
Chloroethane							
Chloroform	1.2E-21			1.7E-11	5.7E-12		2.3E-11
Chloromethane							
cis-1,2-Dichloroethene							
cis-1,3-Dichloropropene							
Dibromomethane							
Dichlorodifluoromethane							
Ethylbenzene	2.3E-19			3.6E-10	1.2E-10		4.8E-10
Isopropylbenzene							
m&p-Xylene							
Methyl Isobutyl Ketone (4-methyl-2							
Methylene chloride	7.4E-22			1.3E-13	4.3E-14		1.7E-13
n-Butylbenzene							
n-Propylbenzene							
o-Xylene							
p-Chlorotoluene							
p-Isopropyltoluene							
sec-Butylbenzene							
Styrene							

Table H-439 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
tert-Butylbenzene							
Tetrachloroethene	2.0E-23			2.1E-14	7.1E-15		2.9E-14
Toluene							
trans-1,2-Dichloroethene							
trans-1,3-Dichloropropene							
Trichloroethene	4.5E-24			1.0E-14	3.4E-15		1.4E-14
Trichlorofluoromethane							
Vinyl chloride	4.9E-21			1.0E-11	3.4E-12		1.4E-11
Grand Total	4.5E-13	1.9E-11	1.3E-10	7.4E-08	2.5E-08	2.4E-13	9.8E-08

Table H-440 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas							
Hydrogen Chloride				2.0E-03	6.8E-04		2.7E-03
Aldehydes							
Acetaldehyde				7.9E-03	2.6E-03		1.0E-02
Formaldehyde	2.3E-12			2.8E-03	9.4E-04		3.8E-03
Propionaldehyde				9.8E-04	3.3E-04	2.0E-10	1.3E-03
CO							
Carbon monoxide							
CO2							
Carbon dioxide							
Criteria							
Sulfur Dioxide							
DIOXINS							
1,2,3,4,6,7,8-HpCDD							
1,2,3,4,6,7,8-HpCDF							
1,2,3,4,7,8,9-HpCDF							
1,2,3,4,7,8-HxCDD							
1,2,3,4,7,8-HxCDF							
1,2,3,6,7,8-HxCDD							
1,2,3,6,7,8-HxCDF							
1,2,3,7,8,9-HxCDD							
1,2,3,7,8,9-HxCDF							
1,2,3,7,8-PeCDD							

Table H-440 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
1,2,3,7,8-PeCDF							
2,3,4,6,7,8-HxCDF							
2,3,4,7,8-PeCDF							
2,3,7,8-TCDD	3.6E-09	7.5E-07	5.9E-06	5.9E-05	2.0E-05	1.1E-08	8.6E-05
2,3,7,8-TCDF							
OCDD							
OCDF							
HCN							
Hydrogen cyanide				1.1E-02	3.5E-03		1.4E-02
Metals							
Antimony	3.9E-14						3.9E-14
Arsenic	2.7E-12	1.6E-13	7.6E-13	1.9E-03	6.4E-04	3.7E-15	2.5E-03
Barium	1.2E-11		5.4E-07	9.2E-03	3.1E-03	3.2E-08	1.2E-02
Beryllium	1.7E-14		2.0E-11	9.9E-05	3.3E-05	2.9E-13	1.3E-04
Cadmium	8.3E-12		3.1E-11	3.6E-03	1.2E-03	4.6E-13	4.8E-03
Chromium	1.7E-15		2.2E-09				2.2E-09
Cobalt			3.3E-05	4.1E-02	1.4E-02	2.4E-07	5.4E-02
Copper			3.2E-07				3.2E-07
Lead							
Manganese							
Mercury (+2)			3.5E-09	3.8E-06	1.3E-06	5.2E-13	5.0E-06
Mercury, elemental				1.6E-08	5.2E-09		2.1E-08
Methyl Mercury	8.7E-11		7.9E-10				8.7E-10

Table H-440 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
Nickel	1.7E-13		7.8E-12	1.8E-03	6.0E-04	2.5E-13	2.4E-03
Phosphorus			1.4E-08				1.4E-08
Selenium	5.5E-14		3.1E-13	4.2E-07	1.4E-07	1.1E-17	5.5E-07
Silver	4.2E-14		6.2E-09				6.2E-09
Titanium							
Zinc	1.4E-11		2.2E-11				3.5E-11
NOx							
NOx (Oxides of Nitrogen)							
PAHs							
1-Methylnaphthalene		6.9E-14	1.3E-13				2.0E-13
1-Methylphenanthrene							
2,3,5-Trimethylnaphthalene							
2,6-Dimethylnaphthalene							
2-Methylnaphthalene		1.2E-12	2.1E-12				3.3E-12
Acenaphthylene							
Acenaphthene	5.6E-14						5.6E-14
Anthracene	1.4E-13						1.4E-13
Benzo(a)anthracene							
Benzo(a)pyrene							
Benzo(b)fluoranthene							
Benzo(e)pyrene							
Benzo(g,h,i)perylene							
Benzo(k)fluoranthene							

Table H-440 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Biphenyl			2.8E-13	1.6E-02	5.3E-03	6.1E-10	2.1E-02
Chrysene							
Dibenze(a,h)anthracene							
Fluoranthene	7.0E-12	3.4E-11	6.3E-11				1.0E-10
Fluorene	1.5E-12						1.5E-12
Indeno(1,2,3-cd)pyrene							
Napthalene	1.4E-12			2.8E-03	9.4E-04		3.7E-03
Perylene							
Phenanthrene							
Pyrene	6.7E-12	1.7E-10	3.1E-10				4.9E-10
Particulate							
Particulate Total Suspended Particulate							
PM<10							
PM<2.5							
PCBs							
Dichlorobiphenyl	8.7E-11	1.8E-10	3.1E-10				5.8E-10
Heptachlorobiphenyl	1.1E-11	7.2E-11	1.2E-10	5.4E-08	1.8E-08	2.9E-13	7.2E-08
Hexachlorobiphenyl	4.6E-11	3.0E-10	5.1E-10	2.2E-04	7.2E-05	1.2E-09	2.9E-04
Monochlorobiphenyl	6.1E-10	1.3E-09	2.2E-09				4.1E-09
Nonachlorobiphenyl	1.4E-12	1.0E-11	1.7E-11				2.9E-11
Octachlorobiphenyl	3.4E-12	2.2E-11	3.7E-11				6.3E-11
Pentachlorobiphenyl	1.5E-10	1.0E-09	1.8E-09	2.4E-03	7.8E-04	1.3E-08	3.1E-03
Tetrachlorobiphenyl	2.6E-11	6.0E-11	1.0E-10	1.2E-05	4.0E-06	1.5E-11	1.6E-05

Table H-440 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Trichlorobiphenyl	3.4E-11	7.6E-11	1.3E-10				2.4E-10
SVOCs							
1,2,4-trichlorobenzene				5.9E-06	2.0E-06		7.9E-06
1,2-dichlorobenzene	3.1E-17			1.3E-08	4.4E-09		1.8E-08
1,3-dichlorobenzene							
1,4-dichlorobenzene	1.3E-15			1.2E-07	3.9E-08		1.5E-07
2,4-Dimethylphenol	1.3E-13						1.3E-13
2-Chlorophenol	2.6E-14						2.6E-14
2-Methylphenol	1.1E-12			5.3E-06	1.8E-06		7.1E-06
2-Nitrophenol							
3-Methylphenol & 4-Methylphenol							
4-Nitrophenol							
Acetophenone	3.9E-14						3.9E-14
Benzoic acid	4.0E-15						4.0E-15
Benzyl alcohol	9.8E-17						9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	6.0E-09	1.4E-08				2.0E-08
Butyl benzyl phthalate	8.8E-13	3.3E-13	7.9E-13				2.0E-12
Carbazole							
Dibenzofuran		2.9E-12	2.3E-11				2.5E-11
Dimethyl phthalate							
Di-n-butyl phthalate	1.7E-11	6.7E-13	1.6E-12				1.9E-11
Di-n-octyl phthalate	1.3E-15	8.7E-12	2.1E-11				2.9E-11
Hexachlorobutadiene	6.7E-12						6.7E-12

Table H-440 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
Phenol	4.9E-13			8.5E-05	2.8E-05		1.1E-04
Pyridine	7.7E-12						7.7E-12
TRS							
Total Reduced Sulfur							
VOCs							
1,1,1,2-Tetrachloroethane	9.0E-17						9.0E-17
1,1,1-Trichloroethane	8.8E-20			1.4E-09	4.5E-10		1.8E-09
1,1-Dichloroethene	1.2E-19			3.2E-09	1.1E-09		4.2E-09
1,2,3-Trichlorobenzene	2.3E-13						2.3E-13
1,2,3-Trichloropropane	2.7E-16			8.8E-06	2.9E-06		1.2E-05
1,2,4-Trimethylbenzene				3.9E-05	1.3E-05		5.1E-05
1,2-Dibromoethane	4.1E-17			1.9E-07	6.2E-08		2.5E-07
1,2-Dichloroethane	1.9E-15			2.0E-05	6.8E-06		2.7E-05
1,3,5-Trimethylbenzene	6.0E-15						6.0E-15
1,3-Dichloropropane							
2-Butanone	4.1E-15			3.6E-07	1.2E-07		4.8E-07
2-Chlorotoluene							
2-Hexanone				1.1E-05	3.7E-06		1.5E-05
Benzene	4.9E-13			1.5E-03	5.2E-04		2.1E-03
Bromobenzene				1.5E-05	5.0E-06		2.0E-05
Bromochloromethane				5.4E-08	1.8E-08		7.1E-08
Bromodichloromethane	1.6E-17						1.6E-17
Bromomethane	9.6E-16			3.1E-05	1.0E-05		4.2E-05

Table H-440 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
Carbon disulfide	1.3E-17			1.9E-07	6.4E-08		2.5E-07
Carbon tetrachloride	3.4E-17			5.3E-08	1.8E-08		7.1E-08
Chlorobenzene	2.3E-15			4.7E-06	1.6E-06		6.2E-06
Chlorodibromomethane	9.1E-16						9.1E-16
Chloroethane				4.3E-08	1.4E-08		5.8E-08
Chloroform	2.8E-16			5.3E-07	1.8E-07		7.1E-07
Chloromethane				1.4E-05	4.7E-06		1.9E-05
cis-1,2-Dichloroethene	1.9E-15						1.9E-15
cis-1,3-Dichloropropene							
Dibromomethane				1.2E-06	4.1E-07		1.7E-06
Dichlorodifluoromethane	2.4E-20			6.0E-08	2.0E-08		8.1E-08
Ethylbenzene	1.5E-14			1.0E-05	3.4E-06		1.3E-05
Isopropylbenzene	2.0E-17			1.8E-06	6.1E-07		2.5E-06
m&p-Xylene							
Methyl Isobutyl Ketone (4-methyl-2				2.9E-09	9.6E-10		3.9E-09
Methylene chloride	4.3E-15			1.5E-06	5.0E-07		2.0E-06
n-Butylbenzene							
n-Propylbenzene				4.2E-07	1.4E-07		5.6E-07
o-Xylene	1.4E-15			1.0E-05	3.5E-06		1.4E-05
p-Chlorotoluene							
p-Isopropyltoluene							
sec-Butylbenzene							
Styrene	4.7E-14			2.5E-05	8.5E-06		3.4E-05

Table H-440 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
tert-Butylbenzene							
Tetrachloroethene	1.1E-16			1.4E-07	4.8E-08		1.9E-07
Toluene	2.0E-14			3.4E-06	1.1E-06		4.5E-06
trans-1,2-Dichloroethene	2.9E-15						2.9E-15
trans-1,3-Dichloropropene							
Trichloroethene	1.4E-17			8.8E-08	2.9E-08		1.2E-07
Trichlorofluoromethane	3.5E-20						3.5E-20
Vinyl chloride	1.6E-16			1.6E-06	5.5E-07		2.2E-06
Grand Total	4.8E-09	7.6E-07	4.0E-05	1.0E-01	3.5E-02	3.0E-07	1.4E-01

Table H-441 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			1.1E-09	1.4E-10		1.3E-09
Formaldehyde			2.7E-05	3.6E-10		2.7E-05
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD			1.2E-10	1.4E-11		1.3E-10
1,2,3,4,6,7,8-HpCDF			1.2E-10	1.5E-11		1.3E-10
1,2,3,4,7,8,9-HpCDF			1.5E-11	1.8E-12		1.7E-11
1,2,3,4,7,8-HxCDD			1.4E-10	1.7E-11		1.5E-10
1,2,3,4,7,8-HxCDF			1.1E-09	1.4E-10		1.3E-09
1,2,3,6,7,8-HxCDD			2.9E-10	3.6E-11		3.3E-10
1,2,3,6,7,8-HxCDF			3.6E-10	4.5E-11		4.1E-10
1,2,3,7,8,9-HxCDD			4.4E-10	5.5E-11		5.0E-10
1,2,3,7,8,9-HxCDF			2.8E-11	3.5E-12		3.1E-11
1,2,3,7,8-PeCDD			1.8E-09	2.2E-10		2.0E-09

Table H-441 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
1,2,3,7,8-PeCDF			1.2E-10	1.6E-11		1.4E-10
2,3,4,6,7,8-HxCDF			5.6E-10	7.1E-11		6.4E-10
2,3,4,7,8-PeCDF			2.8E-09	3.5E-10		3.1E-09
2,3,7,8-TCDD			7.0E-10	8.8E-11		7.9E-10
2,3,7,8-TCDF			2.6E-10	3.2E-11		2.9E-10
OCDD			7.6E-13	9.5E-14		8.6E-13
OCDF			2.9E-13	3.6E-14		3.2E-13
DNT						
2,4-Dinitrotoluene	4.4E-08	5.3E-08			7.4E-13	9.7E-08
2,6-Dinitrotoluene	3.4E-07	4.1E-07				7.5E-07
HCN						
Hydrogen cyanide						
Metals						
Aluminum						
Antimony						
Arsenic	3.2E-07	7.6E-07	9.1E-10	1.1E-10	1.8E-10	1.1E-06
Barium						
Beryllium			3.7E-11	4.6E-12	5.4E-17	4.1E-11
Cadmium			4.9E-10	6.1E-11	6.9E-16	5.5E-10
Chromium						
Cobalt			3.2E-08	3.9E-09	3.1E-09	3.9E-08
Copper						
Iron						

Table H-441 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Lead						
Manganese						
Mercury (+2)						
Mercury, elemental						
Nickel			3.2E-10	4.0E-11	1.8E-09	2.2E-09
Phosphorus						
Selenium						
Silver						
Thallium (Soluble Salts)						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	2.8E-12	2.6E-12				5.4E-12
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	4.1E-08	3.7E-08	1.2E-10	1.5E-11	8.4E-11	7.8E-08

Table H-441 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(a)pyrene	6.9E-07	6.3E-07	4.6E-10	5.8E-11	4.6E-12	1.3E-06
Benzo(b)fluoranthene	1.5E-07	1.3E-07	5.2E-11	6.4E-12	9.9E-13	2.8E-07
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	9.5E-10	8.6E-10	4.6E-13	5.7E-14	6.3E-14	1.8E-09
Biphenyl		2.3E-12				2.3E-12
Chrysene	5.9E-10	5.4E-10	2.0E-11	2.5E-12	4.0E-14	1.1E-09
Dibenze(a,h)anthracene	2.6E-08	2.3E-08	8.0E-11	9.9E-12	1.9E-13	4.9E-08
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	3.7E-08	3.3E-08	2.4E-11	3.0E-12	2.5E-13	7.0E-08
Napthalene			1.8E-09	2.3E-10		2.0E-09
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl			6.6E-13	8.3E-14		7.5E-13
Heptachlorobiphenyl			2.6E-13	3.2E-14		2.9E-13
Hexachlorobiphenyl			1.1E-12	1.4E-13		1.2E-12

Table H-441 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Monochlorobiphenyl			4.6E-12	5.8E-13		5.2E-12
Nonachlorobiphenyl			3.7E-14	4.6E-15		4.1E-14
Octachlorobiphenyl			7.9E-14	9.9E-15		8.9E-14
Pentachlorobiphenyl			3.7E-12	4.6E-13		4.2E-12
Tetrachlorobiphenyl			2.2E-13	2.7E-14		2.4E-13
Trichlorobiphenyl			2.7E-13	3.4E-14		3.1E-13
Pesticides						
DDE		6.2E-09			5.6E-11	6.3E-09
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-Butadiene			3.4E-07			3.4E-07
1,3-dichlorobenzene						
1,4-dichlorobenzene			6.0E-12	7.5E-13		6.7E-12
1,4-Dioxane			1.3E-07			1.3E-07
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						

Table H-441 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	5.9E-12	7.0E-12	1.6E-10	2.0E-11	5.9E-17	2.0E-10
Butyl benzyl phthalate	1.3E-15	1.5E-15				2.8E-15
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			3.5E-10	4.4E-11		3.9E-10
Isopropanol						
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			3.6E-13	4.5E-14		4.0E-13
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			1.5E-11	1.9E-12		1.7E-11
1,2-Dichloroethane			3.2E-07	9.3E-09		3.3E-07

Table H-441 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						
2-Chlorotoluene						
2-Hexanone						
Benzene			2.4E-07	2.7E-08		2.6E-07
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			1.3E-12	1.6E-13		1.4E-12
Bromomethane						
Carbon disulfide						
Carbon tetrachloride			3.2E-07	3.3E-08		3.5E-07
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			2.1E-07	2.0E-08		2.3E-07
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			8.6E-08	2.2E-11		8.6E-08
Isopropylbenzene						

Table H-441 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			6.4E-14	8.1E-15		7.3E-14
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethene			1.1E-14	1.4E-15		1.3E-14
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			6.7E-09	1.3E-15		6.7E-09
Trichlorofluoromethane						
Vinyl chloride			7.8E-12	9.7E-13		8.8E-12
Grand Total	1.6E-06	2.1E-06	2.8E-05	9.5E-08	5.2E-09	3.2E-05

Table H-442 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			4.2E-05	5.2E-06		4.7E-05
Aldehydes						
Acetaldehyde			1.6E-04	2.0E-05		1.8E-04
Formaldehyde			5.8E-01	7.9E-06		5.8E-01
Propionaldehyde			2.0E-05	2.5E-06	2.1E-12	2.2E-05
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-442 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	5.2E-08	2.0E-07	1.3E-06	1.6E-07	1.2E-10	1.7E-06
2,3,7,8-TCDF						
OCDD						
OCDF						
DNT						
2,4-Dinitrotoluene	2.0E-04	2.4E-04				4.4E-04
2,6-Dinitrotoluene	2.1E-03	2.5E-03				4.7E-03
HCN						
Hydrogen cyanide			2.0E-04	2.5E-05		2.2E-04
Metals						
Aluminum		7.9E-03			7.7E-05	7.9E-03
Antimony		7.6E-04				7.6E-04
Arsenic	2.0E-03	4.7E-03	4.0E-05	4.9E-06	7.7E-06	6.8E-03
Barium		1.6E-08	2.5E-04	3.1E-05	3.1E-10	2.8E-04
Beryllium		5.2E-13	2.1E-06	2.7E-07	2.6E-15	2.4E-06
Cadmium		8.2E-13	7.6E-05	9.5E-06	4.0E-15	8.5E-05
Chromium		5.5E-11				5.5E-11
Cobalt		6.5E-02	1.6E-03	2.0E-04	1.6E-04	6.7E-02
Copper		8.4E-09				8.4E-09
Iron		2.4E-02				2.4E-02

Table H-442 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Lead						
Manganese						
Mercury (+2)		1.1E-10	7.8E-08	9.8E-09	5.6E-15	8.8E-08
Mercury, elemental			3.3E-10	4.1E-11	9.6E-05	9.6E-05
Methyl Mercury		2.0E-11				2.0E-11
Nickel		2.0E-02	3.9E-05	4.8E-06	2.2E-04	2.0E-02
Phosphorus		3.7E-10				3.7E-10
Selenium		8.1E-15	8.7E-09	1.1E-09	9.9E-20	9.8E-09
Silver		1.7E-10				1.7E-10
Thallium (Soluble Salts)		1.1E-02				1.1E-02
Titanium						
Zinc		6.1E-13				6.1E-13
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.4E-15	3.1E-15				6.5E-15
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	5.8E-14	5.2E-14				1.1E-13
Acenaphthylene						
Acenaphthene						
Anthracene						

Table H-442 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						
Biphenyl		6.7E-15	2.8E-04	3.5E-05	4.9E-12	3.1E-04
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	1.7E-12	1.5E-12				3.2E-12
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene			5.0E-05	6.2E-06		5.6E-05
Perylene						
Phenanthrene						
Pyrene	8.3E-12	7.6E-12				1.6E-11
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	9.3E-12	7.8E-12				1.7E-11
Heptachlorobiphenyl	3.7E-12	3.2E-12	9.8E-10	1.2E-10	2.5E-15	1.1E-09

Table H-442 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Hexachlorobiphenyl	1.7E-11	1.4E-11	4.1E-06	5.1E-07	1.1E-11	4.6E-06
Monochlorobiphenyl	6.4E-11	5.4E-11				1.2E-10
Nonachlorobiphenyl	6.6E-13	5.6E-13				1.2E-12
Octachlorobiphenyl	1.2E-12	1.0E-12				2.2E-12
Pentachlorobiphenyl	6.1E-11	5.1E-11	4.6E-05	5.7E-06	1.3E-10	5.1E-05
Tetrachlorobiphenyl	3.5E-12	3.0E-12	2.3E-07	2.9E-08	1.5E-13	2.6E-07
Trichlorobiphenyl	4.3E-12	3.6E-12				7.8E-12
Pesticides						
DDE						
SVOCs						
1,2,4-trichlorobenzene			1.3E-07	1.7E-08		1.5E-07
1,2-dichlorobenzene			5.4E-10	6.8E-11		6.1E-10
1,3-Butadiene			1.6E-02			1.6E-02
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.9E-09	2.4E-10		2.1E-09
1,4-Dioxane			2.4E-03			2.4E-03
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			9.3E-08	1.2E-08		1.0E-07
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						

Table H-442 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-10	4.0E-10				7.4E-10
Butyl benzyl phthalate	1.6E-14	1.9E-14				3.6E-14
Carbazole						
Dibenzofuran	1.4E-13	5.7E-13				7.1E-13
Dimethyl phthalate						
Di-n-butyl phthalate	3.3E-14	3.9E-14				7.1E-14
Di-n-octyl phthalate	9.4E-13	1.1E-12				2.1E-12
Hexachlorobutadiene						
Isopropanol			4.1E-03			4.1E-03
Phenol			1.5E-06	1.9E-07		1.7E-06
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			2.7E-11	3.3E-12		3.0E-11
1,1-Dichloroethene			1.3E-10	1.6E-11		1.5E-10
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.6E-07	4.5E-08		4.1E-07
1,2,4-Trimethylbenzene			8.9E-07	1.1E-07		1.0E-06
1,2-Dibromoethane			7.7E-09	9.6E-10		8.6E-09

Table H-442 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
1,2-Dichloroethane			4.9E-03	1.4E-04		5.0E-03
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone			6.6E-09	8.3E-10		7.4E-09
2-Chlorotoluene						
2-Hexanone			2.3E-07	2.8E-08		2.5E-07
Benzene			2.8E-03	3.2E-04		3.1E-03
Bromobenzene			6.2E-07	7.8E-08		7.0E-07
Bromochloromethane			2.2E-09	2.8E-10		2.5E-09
Bromodichloromethane						
Bromomethane			7.6E-07	9.5E-08		8.6E-07
Carbon disulfide			4.8E-09	6.0E-10		5.4E-09
Carbon tetrachloride			1.5E-03	1.5E-04		1.6E-03
Chlorobenzene			9.6E-08	1.2E-08		1.1E-07
Chlorodibromomethane						
Chloroethane			9.1E-10	1.1E-10		1.0E-09
Chloroform			2.6E-04	2.4E-05		2.8E-04
Chloromethane			3.4E-07	4.3E-08		3.9E-07
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			5.1E-08	6.4E-09		5.7E-08
Dichlorodifluoromethane			2.5E-09	3.1E-10		2.8E-09
Ethylbenzene			9.6E-05	2.4E-08		9.6E-05

Table H-442 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Isopropylbenzene			3.9E-08	4.9E-09		4.4E-08
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.2E-10	1.5E-11		1.3E-10
Methylene chloride			3.0E-08	3.8E-09		3.4E-08
n-Butylbenzene						
n-Propylbenzene			9.4E-09	1.2E-09		1.1E-08
o-Xylene			2.3E-07	2.9E-08		2.6E-07
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			5.1E-07	6.4E-08		5.7E-07
tert-Butylbenzene						
Tetrachloroethene			3.0E-09	3.8E-10		3.4E-09
Toluene			6.3E-08	7.9E-09		7.1E-08
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			2.3E-03	4.5E-10		2.3E-03
Trichlorofluoromethane						
Vinyl chloride			5.0E-08	6.2E-09		5.6E-08
Grand Total	4.3E-03	1.4E-01	6.2E-01	1.0E-03	5.6E-04	7.6E-01

Table H-443 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.1E-09	4.1E-08	1.4E-10	1.4E-08			5.6E-08
Formaldehyde						2.7E-05	9.4E-08	3.6E-10	3.1E-08			2.7E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.9E-16					1.2E-10	4.6E-09	1.4E-11	1.5E-09			6.2E-09
1,2,3,4,6,7,8-HpCDF	1.9E-16					1.2E-10	4.6E-09	1.5E-11	1.5E-09			6.3E-09
1,2,3,4,7,8,9-HpCDF	4.1E-17					1.5E-11	6.0E-10	1.8E-12	2.0E-10			8.2E-10
1,2,3,4,7,8-HxCDD	2.9E-15					1.4E-10	5.6E-09	1.7E-11	1.9E-09			7.6E-09
1,2,3,4,7,8-HxCDF	2.1E-14					1.1E-09	4.5E-08	1.4E-10	1.5E-08			6.2E-08
1,2,3,6,7,8-HxCDD	6.3E-15					2.9E-10	1.2E-08	3.6E-11	3.9E-09			1.6E-08
1,2,3,6,7,8-HxCDF	7.8E-15					3.6E-10	1.5E-08	4.5E-11	4.9E-09			2.0E-08
1,2,3,7,8,9-HxCDD	7.4E-15					4.4E-10	1.8E-08	5.5E-11	5.9E-09			2.4E-08
1,2,3,7,8,9-HxCDF	7.7E-16					2.8E-11	1.1E-09	3.5E-12	3.8E-10			1.6E-09
1,2,3,7,8-PeCDD	2.8E-13					1.8E-09	7.2E-08	2.2E-10	2.4E-08			9.7E-08
1,2,3,7,8-PeCDF	2.0E-14					1.2E-10	5.1E-09	1.6E-11	1.7E-09			7.0E-09
2,3,4,6,7,8-HxCDF	1.2E-14					5.6E-10	2.3E-08	7.1E-11	7.5E-09			3.1E-08
2,3,4,7,8-PeCDF	3.0E-13					2.8E-09	1.1E-07	3.5E-10	3.8E-08			1.6E-07
2,3,7,8-TCDD	1.0E-13					7.0E-10	2.4E-08	8.8E-11	7.9E-09			3.2E-08
2,3,7,8-TCDF	3.6E-14					2.6E-10	1.1E-08	3.2E-11	3.6E-09			1.4E-08
OCDD	2.5E-20					7.6E-13	3.0E-11	9.5E-14	1.0E-11			4.1E-11
OCDF	9.2E-21					2.9E-13	1.1E-11	3.6E-14	3.7E-12			1.5E-11
DNT												
2,4-Dinitrotoluene		4.4E-08		5.3E-08						7.4E-13		9.7E-08
2,6-Dinitrotoluene		3.4E-07		4.1E-07								7.5E-07
HCN												
Hydrogen cyanide												

Table H-443 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Metals												
Aluminum												
Antimony												
Arsenic	1.1E-15	3.2E-07	4.4E-11	7.6E-07	2.1E-10	9.1E-10	3.2E-08	1.1E-10	1.1E-08	1.8E-10	1.1E-13	1.1E-06
Barium												
Beryllium						3.7E-11	1.2E-09	4.6E-12	4.1E-10	5.4E-17	4.5E-15	1.7E-09
Cadmium						4.9E-10	1.7E-08	6.1E-11	5.7E-09	6.9E-16	5.8E-14	2.3E-08
Chromium												
Cobalt						3.2E-08	5.8E-07	3.9E-09	1.9E-07	3.1E-09		8.1E-07
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.2E-10	1.1E-08	4.0E-11	3.7E-09	1.8E-09	3.9E-14	1.7E-08
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		2.8E-12	5.7E-11	2.6E-12	1.0E-10							1.7E-10
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.6E-12	4.1E-08	3.8E-11	3.7E-08	7.0E-11	1.2E-10	5.1E-09	1.5E-11	1.7E-09	8.4E-11	3.5E-13	8.4E-08

Table H-443 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Outdoor Vapors at CJ	Inhalation of Outdoor Vapors at Home	Grand Total
Benzo(a)pyrene	8.7E-12	6.9E-07	2.7E-10	6.3E-07	4.9E-10	4.6E-10	1.9E-08	5.8E-11	6.4E-09	4.6E-12	8.0E-15	1.3E-06
Benzo(b)fluoranthene	2.2E-13	1.5E-07	1.1E-12	1.3E-07	2.0E-12	5.2E-11	2.1E-09	6.4E-12	6.9E-10	9.9E-13	3.3E-17	2.8E-07
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	1.0E-16	9.5E-10		8.6E-10		4.6E-13	8.2E-12	5.7E-14	2.7E-12	6.3E-14		1.8E-09
Biphenyl				2.3E-12	9.7E-11							1.0E-10
Chrysene	2.6E-15	5.9E-10	3.1E-14	5.4E-10	5.7E-14	2.0E-11	8.3E-10	2.5E-12	2.8E-10	4.0E-14	9.3E-18	2.3E-09
Dibenze(a,h)anthracene	3.9E-13	2.6E-08	1.4E-11	2.3E-08	2.6E-11	8.0E-11	3.3E-09	9.9E-12	1.1E-09	1.9E-13	4.6E-16	5.4E-08
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.7E-13	3.7E-08	1.4E-11	3.3E-08	2.5E-11	2.4E-11	1.0E-09	3.0E-12	3.3E-10	2.5E-13	4.1E-16	7.2E-08
Napthalene						1.8E-09	7.5E-08	2.3E-10	2.5E-08			1.0E-07
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.5E-16					6.6E-13	2.7E-11	8.3E-14	9.1E-12			3.7E-11
Heptachlorobiphenyl	1.6E-16					2.6E-13	1.0E-11	3.2E-14	3.5E-12			1.4E-11
Hexachlorobiphenyl	6.5E-16					1.1E-12	4.2E-11	1.4E-13	1.4E-11			5.7E-11
Monochlorobiphenyl	1.1E-15					4.6E-12	1.9E-10	5.8E-13	6.3E-11			2.6E-10
Nonachlorobiphenyl	2.0E-17					3.7E-14	1.3E-12	4.6E-15	4.3E-13			1.8E-12
Octachlorobiphenyl	4.8E-17					7.9E-14	3.1E-12	9.9E-15	1.0E-12			4.2E-12
Pentachlorobiphenyl	2.2E-15					3.7E-12	1.4E-10	4.6E-13	4.7E-11			1.9E-10
Tetrachlorobiphenyl	4.5E-17					2.2E-13	8.1E-12	2.7E-14	2.7E-12			1.1E-11
Trichlorobiphenyl	5.9E-17					2.7E-13	1.1E-11	3.4E-14	3.5E-12			1.4E-11
Pesticides												
DDE				6.2E-09						5.6E-11		6.3E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene						3.4E-07						3.4E-07

Table H-443 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.8E-19					6.0E-12	2.7E-10	7.5E-13	8.9E-11			3.6E-10
1,4-Dioxane						1.3E-07						1.3E-07
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	3.5E-15	5.9E-12	1.1E-10	7.0E-12	2.5E-10	1.6E-10	6.3E-09	2.0E-11	2.1E-09	5.9E-17	4.7E-15	9.0E-09
Butyl benzyl phthalate	1.2E-16	1.3E-15	2.6E-14	1.5E-15	6.2E-14							9.1E-14
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	1.9E-16					3.5E-10	6.2E-09	4.4E-11	2.1E-09			8.7E-09
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	2.5E-20					3.6E-13	1.2E-11	4.5E-14	4.0E-12			1.6E-11
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.2E-17											1.2E-17
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	2.7E-19					1.5E-11	2.6E-10	1.9E-12	8.8E-11			3.7E-10
1,2-Dichloroethane	3.8E-19					3.2E-07	9.7E-10	9.3E-09	3.2E-10			3.3E-07
1,3,5-Trimethylbenzene												

Table H-443 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												
Benzene	3.9E-17					2.4E-07	9.5E-08	2.7E-08	3.2E-08			3.9E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	7.0E-21					1.3E-12	2.2E-11	1.6E-13	7.5E-12			3.1E-11
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	3.4E-21					3.2E-07	8.3E-12	3.3E-08	2.8E-12			3.5E-07
Chlorobenzene												
Chlorodibromomethane	5.5E-19											5.5E-19
Chloroethane												
Chloroform	3.1E-20					2.1E-07	3.1E-10	2.0E-08	1.0E-10			2.3E-07
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	5.9E-18					8.6E-08	6.6E-09	2.2E-11	2.2E-09			9.4E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	1.9E-20					6.4E-14	2.4E-12	8.1E-15	7.9E-13			3.2E-12
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.0E-22					1.1E-14	3.9E-13	1.4E-15	1.3E-13			5.4E-13
Toluene												

Table H-443 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.1E-22					6.7E-09	1.9E-13	1.3E-15	6.3E-14			6.7E-09
Trichlorofluoromethane												
Vinyl chloride	1.2E-19					7.8E-12	1.9E-10	9.7E-13	6.3E-11			2.6E-10
Grand Total	1.2E-11	1.6E-06	5.5E-10	2.1E-06	1.3E-09	2.8E-05	1.3E-06	9.5E-08	4.5E-07	5.2E-09	5.7E-13	3.4E-05

Table H-444 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	1.5E-03	5.2E-06	5.0E-04			2.0E-03
Aldehydes												
Acetaldehyde						1.6E-04	5.8E-03	2.0E-05	1.9E-03			7.9E-03
Formaldehyde	2.3E-12					5.8E-01	2.1E-03	7.9E-06	6.9E-04			5.9E-01
Propionaldehyde						2.0E-05	7.2E-04	2.5E-06	2.4E-04	2.1E-12	1.5E-10	9.8E-04
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.5E-07	2.0E-07	5.9E-06	1.3E-06	4.3E-05	1.6E-07	1.4E-05	1.2E-10	7.8E-09	6.6E-05
2,3,7,8-TCDF												
OCDD												
OCDF												
DNT												
2,4-Dinitrotoluene		2.0E-04		2.4E-04								4.4E-04
2,6-Dinitrotoluene		2.1E-03		2.5E-03								4.7E-03
HCN												
Hydrogen cyanide						2.0E-04	7.7E-03	2.5E-05	2.6E-03			1.1E-02

Table H-444 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum				7.9E-03						7.7E-05		7.9E-03
Antimony	3.9E-14			7.6E-04								7.6E-04
Arsenic	2.7E-12	2.0E-03	1.6E-13	4.7E-03	7.6E-13	4.0E-05	1.4E-03	4.9E-06	4.7E-04	7.7E-06	2.7E-15	8.6E-03
Barium	1.2E-11			1.6E-08	5.4E-07	2.5E-04	6.8E-03	3.1E-05	2.3E-03	3.1E-10	2.3E-08	9.3E-03
Beryllium	1.7E-14			5.2E-13	2.0E-11	2.1E-06	7.3E-05	2.7E-07	2.4E-05	2.6E-15	2.1E-13	9.9E-05
Cadmium	8.3E-12			8.2E-13	3.1E-11	7.6E-05	2.6E-03	9.5E-06	8.8E-04	4.0E-15	3.4E-13	3.6E-03
Chromium	1.7E-15			5.5E-11	2.2E-09							2.2E-09
Cobalt				6.5E-02	3.3E-05	1.6E-03	3.0E-02	2.0E-04	9.9E-03	1.6E-04	1.8E-07	1.1E-01
Copper				8.4E-09	3.2E-07							3.3E-07
Iron				2.4E-02								2.4E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.5E-09	7.8E-08	2.8E-06	9.8E-09	9.2E-07	5.6E-15	3.8E-13	3.8E-06
Mercury, elemental						3.3E-10	1.2E-08	4.1E-11	3.8E-09	9.6E-05		9.6E-05
Methyl Mercury	8.7E-11			2.0E-11	7.9E-10							8.9E-10
Nickel	1.7E-13			2.0E-02	7.8E-12	3.9E-05	1.3E-03	4.8E-06	4.4E-04	2.2E-04	1.9E-13	2.2E-02
Phosphorus				3.7E-10	1.4E-08							1.4E-08
Selenium	5.5E-14			8.1E-15	3.1E-13	8.7E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-20	8.4E-18	4.2E-07
Silver	4.2E-14			1.7E-10	6.2E-09							6.4E-09
Thallium (Soluble Salts)				1.1E-02								1.1E-02
Titanium												
Zinc	1.4E-11			6.1E-13	2.2E-11							3.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	6.9E-14	3.1E-15	1.3E-13							2.0E-13
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	1.2E-12	5.2E-14	2.1E-12							3.4E-12
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												

Table H-444 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	2.8E-13	2.8E-04	1.2E-02	3.5E-05	3.9E-03	4.9E-12	4.5E-10	1.6E-02
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	3.4E-11	1.5E-12	6.3E-11							1.1E-10
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	2.1E-03	6.2E-06	6.9E-04			2.8E-03
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.7E-10	7.6E-12	3.1E-10							5.1E-10
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.8E-10	7.8E-12	3.1E-10							6.0E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	7.2E-11	3.2E-12	1.2E-10	9.8E-10	3.9E-08	1.2E-10	1.3E-08	2.5E-15	2.1E-13	5.4E-08
Hexachlorobiphenyl	4.6E-11	1.7E-11	3.0E-10	1.4E-11	5.1E-10	4.1E-06	1.6E-04	5.1E-07	5.3E-05	1.1E-11	8.8E-10	2.2E-04
Monochlorobiphenyl	6.1E-10	6.4E-11	1.3E-09	5.4E-11	2.2E-09							4.2E-09
Nonachlorobiphenyl	1.4E-12	6.6E-13	1.0E-11	5.6E-13	1.7E-11							3.0E-11
Octachlorobiphenyl	3.4E-12	1.2E-12	2.2E-11	1.0E-12	3.7E-11							6.5E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	1.0E-09	5.1E-11	1.8E-09	4.6E-05	1.7E-03	5.7E-06	5.7E-04	1.3E-10	9.9E-09	2.3E-03
Tetrachlorobiphenyl	2.6E-11	3.5E-12	6.0E-11	3.0E-12	1.0E-10	2.3E-07	8.7E-06	2.9E-08	2.9E-06	1.5E-13	1.1E-11	1.2E-05
Trichlorobiphenyl	3.4E-11	4.3E-12	7.6E-11	3.6E-12	1.3E-10							2.5E-10
Pesticides												
DDE												
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	4.3E-06	1.7E-08	1.4E-06			5.9E-06
1,2-dichlorobenzene	3.1E-17					5.4E-10	9.7E-09	6.8E-11	3.2E-09			1.4E-08
1,3-Butadiene						1.6E-02						1.6E-02

Table H-444 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	8.5E-08	2.4E-10	2.8E-08			1.2E-07
1,4-Dioxane						2.4E-03						2.4E-03
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	3.9E-06	1.2E-08	1.3E-06			5.3E-06
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	6.0E-09	4.0E-10	1.4E-08							2.1E-08
Butyl benzyl phthalate	8.8E-13	1.6E-14	3.3E-13	1.9E-14	7.9E-13							2.0E-12
Carbazole												
Dibenzofuran		1.4E-13	2.9E-12	5.7E-13	2.3E-11							2.6E-11
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	6.7E-13	3.9E-14	1.6E-12							1.9E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	8.7E-12	1.1E-12	2.1E-11							3.1E-11
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						4.1E-03						4.1E-03
Phenol	4.9E-13					1.5E-06	6.2E-05	1.9E-07	2.1E-05			8.5E-05
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	1.0E-09	3.3E-12	3.3E-10			1.4E-09
1,1-Dichloroethene	1.2E-19					1.3E-10	2.3E-09	1.6E-11	7.7E-10			3.2E-09
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	6.4E-06	4.5E-08	2.1E-06			9.0E-06
1,2,4-Trimethylbenzene						8.9E-07	2.8E-05	1.1E-07	9.4E-06			3.9E-05
1,2-Dibromoethane	4.1E-17					7.7E-09	1.4E-07	9.6E-10	4.6E-08			1.9E-07
1,2-Dichloroethane	1.9E-15					4.9E-03	1.5E-05	1.4E-04	5.0E-06			5.1E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15

Table H-444 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	2.6E-07	8.3E-10	8.7E-08			3.6E-07
2-Chlorotoluene												
2-Hexanone						2.3E-07	8.2E-06	2.8E-08	2.7E-06			1.1E-05
Benzene	4.9E-13					2.8E-03	1.1E-03	3.2E-04	3.8E-04			4.7E-03
Bromobenzene						6.2E-07	1.1E-05	7.8E-08	3.7E-06			1.5E-05
Bromochloromethane						2.2E-09	3.9E-08	2.8E-10	1.3E-08			5.5E-08
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	2.3E-05	9.5E-08	7.6E-06			3.1E-05
Carbon disulfide	1.3E-17					4.8E-09	1.4E-07	6.0E-10	4.7E-08			1.9E-07
Carbon tetrachloride	3.4E-17					1.5E-03	3.9E-08	1.5E-04	1.3E-08			1.6E-03
Chlorobenzene	2.3E-15					9.6E-08	3.4E-06	1.2E-08	1.1E-06			4.7E-06
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	3.2E-08	1.1E-10	1.1E-08			4.3E-08
Chloroform	2.8E-16					2.6E-04	3.9E-07	2.4E-05	1.3E-07			2.8E-04
Chloromethane						3.4E-07	1.0E-05	4.3E-08	3.5E-06			1.4E-05
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	9.1E-07	6.4E-09	3.0E-07			1.3E-06
Dichlorodifluoromethane	2.4E-20					2.5E-09	4.4E-08	3.1E-10	1.5E-08			6.2E-08
Ethylbenzene	1.5E-14					9.6E-05	7.4E-06	2.4E-08	2.5E-06			1.1E-04
Isopropylbenzene	2.0E-17					3.9E-08	1.3E-06	4.9E-09	4.5E-07			1.8E-06
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.1E-09	1.5E-11	7.1E-10			3.0E-09
Methylene chloride	4.3E-15					3.0E-08	1.1E-06	3.8E-09	3.7E-07			1.5E-06
n-Butylbenzene												
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07			4.2E-07
o-Xylene	1.4E-15					2.3E-07	7.6E-06	2.9E-08	2.5E-06			1.0E-05
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.9E-05	6.4E-08	6.2E-06			2.5E-05
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	1.1E-07	3.8E-10	3.5E-08			1.4E-07
Toluene	2.0E-14					6.3E-08	2.5E-06	7.9E-09	8.3E-07			3.4E-06

Table H-444 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.3E-03	6.5E-08	4.5E-10	2.2E-08			2.3E-03
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.2E-06	6.2E-09	4.0E-07			1.7E-06
Grand Total	4.8E-09	4.3E-03	7.6E-07	1.4E-01	4.0E-05	6.2E-01	7.7E-02	1.0E-03	2.6E-02	5.6E-04	2.2E-07	8.6E-01

Table H-445 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			1.1E-09	1.4E-10		1.3E-09
Formaldehyde			2.9E-09	3.6E-10		3.2E-09
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD			1.2E-10	1.4E-11		1.3E-10
1,2,3,4,6,7,8-HpCDF			1.2E-10	1.5E-11		1.3E-10
1,2,3,4,7,8,9-HpCDF			1.5E-11	1.8E-12		1.7E-11
1,2,3,4,7,8-HxCDD			1.4E-10	1.7E-11		1.5E-10
1,2,3,4,7,8-HxCDF			1.1E-09	1.4E-10		1.3E-09
1,2,3,6,7,8-HxCDD			2.9E-10	3.6E-11		3.3E-10
1,2,3,6,7,8-HxCDF			3.6E-10	4.5E-11		4.1E-10
1,2,3,7,8,9-HxCDD			4.4E-10	5.5E-11		5.0E-10
1,2,3,7,8,9-HxCDF			2.8E-11	3.5E-12		3.1E-11
1,2,3,7,8-PeCDD			1.8E-09	2.2E-10		2.0E-09

Table H-445 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF			1.2E-10	1.6E-11		1.4E-10
2,3,4,6,7,8-HxCDF			5.6E-10	7.1E-11		6.4E-10
2,3,4,7,8-PeCDF			2.8E-09	3.5E-10		3.1E-09
2,3,7,8-TCDD			7.0E-10	8.8E-11		7.9E-10
2,3,7,8-TCDF			2.6E-10	3.2E-11		2.9E-10
OCDD			7.6E-13	9.5E-14		8.6E-13
OCDF			2.9E-13	3.6E-14		3.2E-13
HCN						
Hydrogen cyanide						
Metals						
Aluminum						
Antimony						
Arsenic	1.0E-07	2.5E-07	9.1E-10	1.1E-10	5.8E-11	3.5E-07
Barium						
Beryllium			3.7E-11	4.6E-12	5.4E-17	4.1E-11
Cadmium			4.9E-10	6.1E-11	6.9E-16	5.5E-10
Chromium						
Cobalt			3.2E-08	3.9E-09	2.8E-09	3.8E-08
Copper						
Iron						
Lead						
Manganese						
Mercury (+2)						

Table H-445 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental						
Nickel			3.2E-10	4.0E-11	1.8E-09	2.2E-09
Phosphorus						
Selenium						
Silver						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	2.8E-12	2.6E-12				5.4E-12
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	2.3E-06	2.1E-06	1.2E-10	1.5E-11	4.8E-09	4.5E-06
Benzo(a)pyrene	2.0E-05	1.8E-05	4.6E-10	5.8E-11	1.3E-10	3.8E-05
Benzo(b)fluoranthene	3.2E-06	2.9E-06	5.2E-11	6.4E-12	2.1E-11	6.1E-06
Benzo(e)pyrene						
Benzo(g,h,i)perylene						

Table H-445 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(k)fluoranthene	1.7E-07	1.6E-07	4.6E-13	5.7E-14	1.2E-11	3.3E-07
Biphenyl		2.3E-12				2.3E-12
Chrysene	2.5E-08	2.2E-08	2.0E-11	2.5E-12	1.6E-12	4.7E-08
Dibenze(a,h)anthracene	3.8E-06	3.5E-06	8.0E-11	9.9E-12	2.8E-11	7.3E-06
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	5.0E-07	4.6E-07	2.4E-11	3.0E-12	3.4E-12	9.6E-07
Napthalene			1.8E-09	2.3E-10	3.0E-09	5.0E-09
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl			6.6E-13	8.3E-14		7.5E-13
Heptachlorobiphenyl			2.6E-13	3.2E-14		2.9E-13
Hexachlorobiphenyl			1.1E-12	1.4E-13		1.2E-12
Monochlorobiphenyl			4.6E-12	5.8E-13		5.2E-12
Nonachlorobiphenyl			3.7E-14	4.6E-15		4.1E-14
Octachlorobiphenyl			7.9E-14	9.9E-15		8.9E-14
Pentachlorobiphenyl			3.7E-12	4.6E-13		4.2E-12

Table H-445 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Tetrachlorobiphenyl			2.2E-13	2.7E-14		2.4E-13
Trichlorobiphenyl			2.7E-13	3.4E-14		3.1E-13
Pesticides						
DDE		7.8E-08			7.1E-10	7.9E-08
Dieldrin	3.5E-07	4.2E-07			5.9E-12	7.7E-07
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-Butadiene			2.9E-07			2.9E-07
1,3-dichlorobenzene						
1,4-dichlorobenzene			6.0E-12	7.5E-13		6.7E-12
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	5.9E-12	7.0E-12	1.6E-10	2.0E-11	5.9E-17	2.0E-10
Butyl benzyl phthalate	1.3E-15	1.5E-15				2.8E-15
Carbazole						

Table H-445 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			3.5E-10	4.4E-11		3.9E-10
Isopropanol						
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			3.6E-13	4.5E-14		4.0E-13
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			1.5E-11	1.9E-12		1.7E-11
1,2-Dichloroethane			2.6E-11	9.3E-09		9.3E-09
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						
2-Chlorotoluene						

Table H-445 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
2-Hexanone						
Benzene			3.1E-07	2.7E-08		3.3E-07
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			1.3E-12	1.6E-13		1.4E-12
Bromomethane						
Carbon disulfide						
Carbon tetrachloride			3.0E-07	3.3E-08		3.3E-07
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			2.6E-07	2.0E-08		2.8E-07
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			4.7E-08	2.2E-11		4.7E-08
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			6.4E-14	8.1E-15		7.3E-14
n-Butylbenzene						

Table H-445 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethene			1.1E-14	1.4E-15		1.3E-14
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			5.3E-08	1.3E-15		5.3E-08
Trichlorofluoromethane						
Vinyl chloride			4.7E-09	9.7E-13		4.7E-09
Grand Total	3.0E-05	2.8E-05	1.3E-06	9.5E-08	1.3E-08	5.9E-05

Table H-446 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			4.2E-05	5.2E-06		4.7E-05
Aldehydes						
Acetaldehyde			1.6E-04	2.0E-05		1.8E-04
Formaldehyde			6.3E-05	7.9E-06		7.1E-05
Propionaldehyde			2.0E-05	2.5E-06	2.1E-12	2.2E-05
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-446 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	5.2E-08	2.0E-07	1.3E-06	1.6E-07	1.2E-10	1.7E-06
2,3,7,8-TCDF						
OCDD						
OCDF						
HCN						
Hydrogen cyanide			2.0E-04	2.5E-05		2.2E-04
Metals						
Aluminum		9.4E-03			9.2E-05	9.5E-03
Antimony		1.1E-03				1.1E-03
Arsenic	6.5E-04	1.5E-03	4.0E-05	4.9E-06	2.5E-06	2.2E-03
Barium		1.6E-08	2.5E-04	3.1E-05	3.1E-10	2.8E-04
Beryllium		5.2E-13	2.1E-06	2.7E-07	2.6E-15	2.4E-06
Cadmium		8.2E-13	7.6E-05	9.5E-06	4.0E-15	8.5E-05
Chromium		5.5E-11				5.5E-11
Cobalt		6.0E-02	1.6E-03	2.0E-04	1.5E-04	6.2E-02
Copper		8.4E-09				8.4E-09
Iron		2.5E-02				2.5E-02
Lead						
Manganese						
Mercury (+2)		1.1E-10	7.8E-08	9.8E-09	5.6E-15	8.8E-08

Table H-446 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental			3.3E-10	4.1E-11	1.4E-04	1.4E-04
Methyl Mercury		2.0E-11				2.0E-11
Nickel		2.0E-02	3.9E-05	4.8E-06	2.2E-04	2.0E-02
Phosphorus		3.7E-10				3.7E-10
Selenium		8.1E-15	8.7E-09	1.1E-09	9.9E-20	9.8E-09
Silver		1.7E-10				1.7E-10
Titanium						
Zinc		6.1E-13				6.1E-13
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.4E-15	3.1E-15				6.5E-15
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	5.8E-14	5.2E-14				1.1E-13
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						
Benzo(e)pyrene						

Table H-446 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						
Biphenyl		6.7E-15	2.8E-04	3.5E-05	4.9E-12	3.1E-04
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	1.7E-12	1.5E-12				3.2E-12
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene	9.4E-06	8.5E-06	5.0E-05	6.2E-06	8.2E-05	1.6E-04
Perylene						
Phenanthrene						
Pyrene	8.3E-12	7.6E-12				1.6E-11
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	9.3E-12	7.8E-12				1.7E-11
Heptachlorobiphenyl	3.7E-12	3.2E-12	9.8E-10	1.2E-10	2.5E-15	1.1E-09
Hexachlorobiphenyl	1.7E-11	1.4E-11	4.1E-06	5.1E-07	1.1E-11	4.6E-06
Monochlorobiphenyl	6.4E-11	5.4E-11				1.2E-10
Nonachlorobiphenyl	6.6E-13	5.6E-13				1.2E-12
Octachlorobiphenyl	1.2E-12	1.0E-12				2.2E-12

Table H-446 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Pentachlorobiphenyl	6.1E-11	5.1E-11	4.6E-05	5.7E-06	1.3E-10	5.1E-05
Tetrachlorobiphenyl	3.5E-12	3.0E-12	2.3E-07	2.9E-08	1.5E-13	2.6E-07
Trichlorobiphenyl	4.3E-12	3.6E-12				7.8E-12
Pesticides						
DDE						
Dieldrin	1.2E-03	1.5E-03				2.7E-03
SVOCs						
1,2,4-trichlorobenzene			1.3E-07	1.7E-08		1.5E-07
1,2-dichlorobenzene			5.4E-10	6.8E-11		6.1E-10
1,3-Butadiene			1.4E-02			1.4E-02
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.9E-09	2.4E-10		2.1E-09
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			9.3E-08	1.2E-08		1.0E-07
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-10	4.0E-10				7.4E-10
Butyl benzyl phthalate	1.6E-14	1.9E-14				3.6E-14

Table H-446 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbazole						
Dibenzofuran	1.4E-13	5.7E-13				7.1E-13
Dimethyl phthalate						
Di-n-butyl phthalate	3.3E-14	3.9E-14				7.1E-14
Di-n-octyl phthalate	9.4E-13	1.1E-12				2.1E-12
Hexachlorobutadiene						
Isopropanol			1.6E-02			1.6E-02
Phenol			1.5E-06	1.9E-07		1.7E-06
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			2.7E-11	3.3E-12		3.0E-11
1,1-Dichloroethene			1.3E-10	1.6E-11		1.5E-10
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.6E-07	4.5E-08		4.1E-07
1,2,4-Trimethylbenzene			8.9E-07	1.1E-07		1.0E-06
1,2-Dibromoethane			7.7E-09	9.6E-10		8.6E-09
1,2-Dichloroethane			4.0E-07	1.4E-04		1.4E-04
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone			6.6E-09	8.3E-10		7.4E-09

Table H-446 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
2-Chlorotoluene						
2-Hexanone			2.3E-07	2.8E-08		2.5E-07
Benzene			3.7E-03	3.2E-04		4.0E-03
Bromobenzene			6.2E-07	7.8E-08		7.0E-07
Bromochloromethane			2.2E-09	2.8E-10		2.5E-09
Bromodichloromethane						
Bromomethane			7.6E-07	9.5E-08		8.6E-07
Carbon disulfide			4.8E-09	6.0E-10		5.4E-09
Carbon tetrachloride			1.4E-03	1.5E-04		1.5E-03
Chlorobenzene			9.6E-08	1.2E-08		1.1E-07
Chlorodibromomethane						
Chloroethane			9.1E-10	1.1E-10		1.0E-09
Chloroform			3.3E-04	2.4E-05		3.5E-04
Chloromethane			3.4E-07	4.3E-08		3.9E-07
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			5.1E-08	6.4E-09		5.7E-08
Dichlorodifluoromethane			2.5E-09	3.1E-10		2.8E-09
Ethylbenzene			5.3E-05	2.4E-08		5.3E-05
Isopropylbenzene			3.9E-08	4.9E-09		4.4E-08
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.2E-10	1.5E-11		1.3E-10
Methylene chloride			3.0E-08	3.8E-09		3.4E-08

Table H-446 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene			9.4E-09	1.2E-09		1.1E-08
o-Xylene			2.3E-07	2.9E-08		2.6E-07
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			5.1E-07	6.4E-08		5.7E-07
tert-Butylbenzene						
Tetrachloroethene			3.0E-09	3.8E-10		3.4E-09
Toluene			6.3E-08	7.9E-09		7.1E-08
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			1.8E-02	4.5E-10		1.8E-02
Trichlorofluoromethane						
Vinyl chloride			3.0E-05	6.2E-09		3.0E-05
Grand Total	1.9E-03	1.2E-01	5.6E-02	1.0E-03	6.9E-04	1.8E-01

Table H-447 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.1E-09	4.1E-08	1.4E-10	1.4E-08			5.6E-08
Formaldehyde						2.9E-09	9.4E-08	3.6E-10	3.1E-08			1.3E-07
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.9E-16					1.2E-10	4.6E-09	1.4E-11	1.5E-09			6.2E-09
1,2,3,4,6,7,8-HpCDF	1.9E-16					1.2E-10	4.6E-09	1.5E-11	1.5E-09			6.3E-09
1,2,3,4,7,8,9-HpCDF	4.1E-17					1.5E-11	6.0E-10	1.8E-12	2.0E-10			8.2E-10
1,2,3,4,7,8-HxCDD	2.9E-15					1.4E-10	5.6E-09	1.7E-11	1.9E-09			7.6E-09
1,2,3,4,7,8-HxCDF	2.1E-14					1.1E-09	4.5E-08	1.4E-10	1.5E-08			6.2E-08
1,2,3,6,7,8-HxCDD	6.3E-15					2.9E-10	1.2E-08	3.6E-11	3.9E-09			1.6E-08
1,2,3,6,7,8-HxCDF	7.8E-15					3.6E-10	1.5E-08	4.5E-11	4.9E-09			2.0E-08
1,2,3,7,8,9-HxCDD	7.4E-15					4.4E-10	1.8E-08	5.5E-11	5.9E-09			2.4E-08
1,2,3,7,8,9-HxCDF	7.7E-16					2.8E-11	1.1E-09	3.5E-12	3.8E-10			1.6E-09
1,2,3,7,8-PeCDD	2.8E-13					1.8E-09	7.2E-08	2.2E-10	2.4E-08			9.7E-08
1,2,3,7,8-PeCDF	2.0E-14					1.2E-10	5.1E-09	1.6E-11	1.7E-09			7.0E-09
2,3,4,6,7,8-HxCDF	1.2E-14					5.6E-10	2.3E-08	7.1E-11	7.5E-09			3.1E-08
2,3,4,7,8-PeCDF	3.0E-13					2.8E-09	1.1E-07	3.5E-10	3.8E-08			1.6E-07
2,3,7,8-TCDD	1.0E-13					7.0E-10	2.4E-08	8.8E-11	7.9E-09			3.2E-08
2,3,7,8-TCDF	3.6E-14					2.6E-10	1.1E-08	3.2E-11	3.6E-09			1.4E-08
OCDD	2.5E-20					7.6E-13	3.0E-11	9.5E-14	1.0E-11			4.1E-11
OCDF	9.2E-21					2.9E-13	1.1E-11	3.6E-14	3.7E-12			1.5E-11
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-447 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.1E-15	1.0E-07	4.4E-11	2.5E-07	2.1E-10	9.1E-10	3.2E-08	1.1E-10	1.1E-08	5.8E-11	1.1E-13	4.0E-07
Barium												
Beryllium						3.7E-11	1.2E-09	4.6E-12	4.1E-10	5.4E-17	4.5E-15	1.7E-09
Cadmium						4.9E-10	1.7E-08	6.1E-11	5.7E-09	6.9E-16	5.8E-14	2.3E-08
Chromium												
Cobalt						3.2E-08	5.8E-07	3.9E-09	1.9E-07	2.8E-09		8.1E-07
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.2E-10	1.1E-08	4.0E-11	3.7E-09	1.8E-09	3.9E-14	1.7E-08
Phosphorus												
Selenium												
Silver												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		2.8E-12	5.7E-11	2.6E-12	1.0E-10							1.7E-10
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.6E-12	2.3E-06	3.8E-11	2.1E-06	7.0E-11	1.2E-10	5.1E-09	1.5E-11	1.7E-09	4.8E-09	3.5E-13	4.5E-06
Benzo(a)pyrene	8.7E-12	2.0E-05	2.7E-10	1.8E-05	4.9E-10	4.6E-10	1.9E-08	5.8E-11	6.4E-09	1.3E-10	8.0E-15	3.8E-05
Benzo(b)fluoranthene	2.2E-13	3.2E-06	1.1E-12	2.9E-06	2.0E-12	5.2E-11	2.1E-09	6.4E-12	6.9E-10	2.1E-11	3.3E-17	6.1E-06
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-447 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene	1.0E-16	1.7E-07		1.6E-07		4.6E-13	8.2E-12	5.7E-14	2.7E-12	1.2E-11		3.3E-07
Biphenyl				2.3E-12	9.7E-11							1.0E-10
Chrysene	2.6E-15	2.5E-08	3.1E-14	2.2E-08	5.7E-14	2.0E-11	8.3E-10	2.5E-12	2.8E-10	1.6E-12	9.3E-18	4.8E-08
Dibenze(a,h)anthracene	3.9E-13	3.8E-06	1.4E-11	3.5E-06	2.6E-11	8.0E-11	3.3E-09	9.9E-12	1.1E-09	2.8E-11	4.6E-16	7.3E-06
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.7E-13	5.0E-07	1.4E-11	4.6E-07	2.5E-11	2.4E-11	1.0E-09	3.0E-12	3.3E-10	3.4E-12	4.1E-16	9.6E-07
Napthalene						1.8E-09	7.5E-08	2.3E-10	2.5E-08	3.0E-09		1.1E-07
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.5E-16					6.6E-13	2.7E-11	8.3E-14	9.1E-12			3.7E-11
Heptachlorobiphenyl	1.6E-16					2.6E-13	1.0E-11	3.2E-14	3.5E-12			1.4E-11
Hexachlorobiphenyl	6.5E-16					1.1E-12	4.2E-11	1.4E-13	1.4E-11			5.7E-11
Monochlorobiphenyl	1.1E-15					4.6E-12	1.9E-10	5.8E-13	6.3E-11			2.6E-10
Nonachlorobiphenyl	2.0E-17					3.7E-14	1.3E-12	4.6E-15	4.3E-13			1.8E-12
Octachlorobiphenyl	4.8E-17					7.9E-14	3.1E-12	9.9E-15	1.0E-12			4.2E-12
Pentachlorobiphenyl	2.2E-15					3.7E-12	1.4E-10	4.6E-13	4.7E-11			1.9E-10
Tetrachlorobiphenyl	4.5E-17					2.2E-13	8.1E-12	2.7E-14	2.7E-12			1.1E-11
Trichlorobiphenyl	5.9E-17					2.7E-13	1.1E-11	3.4E-14	3.5E-12			1.4E-11
Pesticides												
DDE				7.8E-08						7.1E-10		7.9E-08
Dieldrin		3.5E-07		4.2E-07						5.9E-12		7.7E-07
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene						2.9E-07						2.9E-07
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.8E-19					6.0E-12	2.7E-10	7.5E-13	8.9E-11			3.6E-10
2,4-Dimethylphenol												

Table H-447 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	3.5E-15	5.9E-12	1.1E-10	7.0E-12	2.5E-10	1.6E-10	6.3E-09	2.0E-11	2.1E-09	5.9E-17	4.7E-15	9.0E-09
Butyl benzyl phthalate	1.2E-16	1.3E-15	2.6E-14	1.5E-15	6.2E-14							9.1E-14
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	1.9E-16					3.5E-10	6.2E-09	4.4E-11	2.1E-09			8.7E-09
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	2.5E-20					3.6E-13	1.2E-11	4.5E-14	4.0E-12			1.6E-11
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.2E-17											1.2E-17
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	2.7E-19					1.5E-11	2.6E-10	1.9E-12	8.8E-11			3.7E-10
1,2-Dichloroethane	3.8E-19					2.6E-11	9.7E-10	9.3E-09	3.2E-10			1.1E-08
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-447 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	3.9E-17					3.1E-07	9.5E-08	2.7E-08	3.2E-08			4.6E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	7.0E-21					1.3E-12	2.2E-11	1.6E-13	7.5E-12			3.1E-11
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	3.4E-21					3.0E-07	8.3E-12	3.3E-08	2.8E-12			3.3E-07
Chlorobenzene												
Chlorodibromomethane	5.5E-19											5.5E-19
Chloroethane												
Chloroform	3.1E-20					2.6E-07	3.1E-10	2.0E-08	1.0E-10			2.8E-07
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	5.9E-18					4.7E-08	6.6E-09	2.2E-11	2.2E-09			5.6E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	1.9E-20					6.4E-14	2.4E-12	8.1E-15	7.9E-13			3.2E-12
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.0E-22					1.1E-14	3.9E-13	1.4E-15	1.3E-13			5.4E-13
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.1E-22					5.3E-08	1.9E-13	1.3E-15	6.3E-14			5.3E-08
Trichlorofluoromethane												

Table H-447 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.2E-19					4.7E-09	1.9E-10	9.7E-13	6.3E-11			4.9E-09
Grand Total	1.2E-11	3.0E-05	5.5E-10	2.8E-05	1.3E-09	1.3E-06	1.3E-06	9.5E-08	4.5E-07	1.3E-08	5.7E-13	6.1E-05

Table H-448 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	1.5E-03	5.2E-06	5.0E-04			2.0E-03
Aldehydes												
Acetaldehyde						1.6E-04	5.8E-03	2.0E-05	1.9E-03			7.9E-03
Formaldehyde	2.3E-12					6.3E-05	2.1E-03	7.9E-06	6.9E-04			2.8E-03
Propionaldehyde						2.0E-05	7.2E-04	2.5E-06	2.4E-04	2.1E-12	1.5E-10	9.8E-04
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.5E-07	2.0E-07	5.9E-06	1.3E-06	4.3E-05	1.6E-07	1.4E-05	1.2E-10	7.8E-09	6.6E-05
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	7.7E-03	2.5E-05	2.6E-03			1.1E-02
Metals												
Aluminum				9.4E-03						9.2E-05		9.5E-03
Antimony	3.9E-14			1.1E-03								1.1E-03

Table H-448 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	6.5E-04	1.6E-13	1.5E-03	7.6E-13	4.0E-05	1.4E-03	4.9E-06	4.7E-04	2.5E-06	2.7E-15	4.1E-03
Barium	1.2E-11			1.6E-08	5.4E-07	2.5E-04	6.8E-03	3.1E-05	2.3E-03	3.1E-10	2.3E-08	9.3E-03
Beryllium	1.7E-14			5.2E-13	2.0E-11	2.1E-06	7.3E-05	2.7E-07	2.4E-05	2.6E-15	2.1E-13	9.9E-05
Cadmium	8.3E-12			8.2E-13	3.1E-11	7.6E-05	2.6E-03	9.5E-06	8.8E-04	4.0E-15	3.4E-13	3.6E-03
Chromium	1.7E-15			5.5E-11	2.2E-09							2.2E-09
Cobalt				6.0E-02	3.3E-05	1.6E-03	3.0E-02	2.0E-04	9.9E-03	1.5E-04	1.8E-07	1.0E-01
Copper				8.4E-09	3.2E-07							3.3E-07
Iron				2.5E-02								2.5E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.5E-09	7.8E-08	2.8E-06	9.8E-09	9.2E-07	5.6E-15	3.8E-13	3.8E-06
Mercury, elemental						3.3E-10	1.2E-08	4.1E-11	3.8E-09	1.4E-04		1.4E-04
Methyl Mercury	8.7E-11			2.0E-11	7.9E-10							8.9E-10
Nickel	1.7E-13			2.0E-02	7.8E-12	3.9E-05	1.3E-03	4.8E-06	4.4E-04	2.2E-04	1.9E-13	2.2E-02
Phosphorus				3.7E-10	1.4E-08							1.4E-08
Selenium	5.5E-14			8.1E-15	3.1E-13	8.7E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-20	8.4E-18	4.2E-07
Silver	4.2E-14			1.7E-10	6.2E-09							6.4E-09
Titanium												
Zinc	1.4E-11			6.1E-13	2.2E-11							3.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	6.9E-14	3.1E-15	1.3E-13							2.0E-13
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	1.2E-12	5.2E-14	2.1E-12							3.4E-12
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-448 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	2.8E-13	2.8E-04	1.2E-02	3.5E-05	3.9E-03	4.9E-12	4.5E-10	1.6E-02
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	3.4E-11	1.5E-12	6.3E-11							1.1E-10
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12	9.4E-06		8.5E-06		5.0E-05	2.1E-03	6.2E-06	6.9E-04	8.2E-05		2.9E-03
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.7E-10	7.6E-12	3.1E-10							5.1E-10
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.8E-10	7.8E-12	3.1E-10							6.0E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	7.2E-11	3.2E-12	1.2E-10	9.8E-10	3.9E-08	1.2E-10	1.3E-08	2.5E-15	2.1E-13	5.4E-08
Hexachlorobiphenyl	4.6E-11	1.7E-11	3.0E-10	1.4E-11	5.1E-10	4.1E-06	1.6E-04	5.1E-07	5.3E-05	1.1E-11	8.8E-10	2.2E-04
Monochlorobiphenyl	6.1E-10	6.4E-11	1.3E-09	5.4E-11	2.2E-09							4.2E-09
Nonachlorobiphenyl	1.4E-12	6.6E-13	1.0E-11	5.6E-13	1.7E-11							3.0E-11
Octachlorobiphenyl	3.4E-12	1.2E-12	2.2E-11	1.0E-12	3.7E-11							6.5E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	1.0E-09	5.1E-11	1.8E-09	4.6E-05	1.7E-03	5.7E-06	5.7E-04	1.3E-10	9.9E-09	2.3E-03
Tetrachlorobiphenyl	2.6E-11	3.5E-12	6.0E-11	3.0E-12	1.0E-10	2.3E-07	8.7E-06	2.9E-08	2.9E-06	1.5E-13	1.1E-11	1.2E-05
Trichlorobiphenyl	3.4E-11	4.3E-12	7.6E-11	3.6E-12	1.3E-10							2.5E-10
Pesticides												
DDE												
Dieldrin		1.2E-03		1.5E-03								2.7E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	4.3E-06	1.7E-08	1.4E-06			5.9E-06
1,2-dichlorobenzene	3.1E-17					5.4E-10	9.7E-09	6.8E-11	3.2E-09			1.4E-08
1,3-Butadiene						1.4E-02						1.4E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	8.5E-08	2.4E-10	2.8E-08			1.2E-07
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-448 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	3.9E-06	1.2E-08	1.3E-06			5.3E-06
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	6.0E-09	4.0E-10	1.4E-08							2.1E-08
Butyl benzyl phthalate	8.8E-13	1.6E-14	3.3E-13	1.9E-14	7.9E-13							2.0E-12
Carbazole												
Dibenzofuran		1.4E-13	2.9E-12	5.7E-13	2.3E-11							2.6E-11
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	6.7E-13	3.9E-14	1.6E-12							1.9E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	8.7E-12	1.1E-12	2.1E-11							3.1E-11
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.6E-02						1.6E-02
Phenol	4.9E-13					1.5E-06	6.2E-05	1.9E-07	2.1E-05			8.5E-05
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	1.0E-09	3.3E-12	3.3E-10			1.4E-09
1,1-Dichloroethene	1.2E-19					1.3E-10	2.3E-09	1.6E-11	7.7E-10			3.2E-09
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	6.4E-06	4.5E-08	2.1E-06			9.0E-06
1,2,4-Trimethylbenzene						8.9E-07	2.8E-05	1.1E-07	9.4E-06			3.9E-05
1,2-Dibromoethane	4.1E-17					7.7E-09	1.4E-07	9.6E-10	4.6E-08			1.9E-07
1,2-Dichloroethane	1.9E-15					4.0E-07	1.5E-05	1.4E-04	5.0E-06			1.6E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	2.6E-07	8.3E-10	8.7E-08			3.6E-07
2-Chlorotoluene												
2-Hexanone						2.3E-07	8.2E-06	2.8E-08	2.7E-06			1.1E-05

Table H-448 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					3.7E-03	1.1E-03	3.2E-04	3.8E-04			5.5E-03
Bromobenzene						6.2E-07	1.1E-05	7.8E-08	3.7E-06			1.5E-05
Bromochloromethane						2.2E-09	3.9E-08	2.8E-10	1.3E-08			5.5E-08
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	2.3E-05	9.5E-08	7.6E-06			3.1E-05
Carbon disulfide	1.3E-17					4.8E-09	1.4E-07	6.0E-10	4.7E-08			1.9E-07
Carbon tetrachloride	3.4E-17					1.4E-03	3.9E-08	1.5E-04	1.3E-08			1.5E-03
Chlorobenzene	2.3E-15					9.6E-08	3.4E-06	1.2E-08	1.1E-06			4.7E-06
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	3.2E-08	1.1E-10	1.1E-08			4.3E-08
Chloroform	2.8E-16					3.3E-04	3.9E-07	2.4E-05	1.3E-07			3.5E-04
Chloromethane						3.4E-07	1.0E-05	4.3E-08	3.5E-06			1.4E-05
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	9.1E-07	6.4E-09	3.0E-07			1.3E-06
Dichlorodifluoromethane	2.4E-20					2.5E-09	4.4E-08	3.1E-10	1.5E-08			6.2E-08
Ethylbenzene	1.5E-14					5.3E-05	7.4E-06	2.4E-08	2.5E-06			6.2E-05
Isopropylbenzene	2.0E-17					3.9E-08	1.3E-06	4.9E-09	4.5E-07			1.8E-06
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.1E-09	1.5E-11	7.1E-10			3.0E-09
Methylene chloride	4.3E-15					3.0E-08	1.1E-06	3.8E-09	3.7E-07			1.5E-06
n-Butylbenzene												
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07			4.2E-07
o-Xylene	1.4E-15					2.3E-07	7.6E-06	2.9E-08	2.5E-06			1.0E-05
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.9E-05	6.4E-08	6.2E-06			2.5E-05
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	1.1E-07	3.8E-10	3.5E-08			1.4E-07
Toluene	2.0E-14					6.3E-08	2.5E-06	7.9E-09	8.3E-07			3.4E-06
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					1.8E-02	6.5E-08	4.5E-10	2.2E-08			1.8E-02
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-448 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					3.0E-05	1.2E-06	6.2E-09	4.0E-07			3.1E-05
Grand Total	4.8E-09	1.9E-03	7.6E-07	1.2E-01	4.0E-05	5.6E-02	7.7E-02	1.0E-03	2.6E-02	6.9E-04	2.2E-07	2.8E-01

Table H-449 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			1.1E-09	1.4E-10		1.3E-09
Formaldehyde			2.9E-09	3.6E-10		3.2E-09
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD			1.2E-10	1.4E-11		1.3E-10
1,2,3,4,6,7,8-HpCDF			1.2E-10	1.5E-11		1.3E-10
1,2,3,4,7,8,9-HpCDF			1.5E-11	1.8E-12		1.7E-11
1,2,3,4,7,8-HxCDD			1.4E-10	1.7E-11		1.5E-10
1,2,3,4,7,8-HxCDF			1.1E-09	1.4E-10		1.3E-09
1,2,3,6,7,8-HxCDD			2.9E-10	3.6E-11		3.3E-10
1,2,3,6,7,8-HxCDF			3.6E-10	4.5E-11		4.1E-10
1,2,3,7,8,9-HxCDD			4.4E-10	5.5E-11		5.0E-10
1,2,3,7,8,9-HxCDF			2.8E-11	3.5E-12		3.1E-11
1,2,3,7,8-PeCDD			1.8E-09	2.2E-10		2.0E-09

Table H-449 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
1,2,3,7,8-PeCDF			1.2E-10	1.6E-11		1.4E-10
2,3,4,6,7,8-HxCDF			5.6E-10	7.1E-11		6.4E-10
2,3,4,7,8-PeCDF			2.8E-09	3.5E-10		3.1E-09
2,3,7,8-TCDD			7.0E-10	8.8E-11		7.9E-10
2,3,7,8-TCDF			2.6E-10	3.2E-11		2.9E-10
OCDD			7.6E-13	9.5E-14		8.6E-13
OCDF			2.9E-13	3.6E-14		3.2E-13
HCN						
Hydrogen cyanide						
Metals						
Aluminum						
Antimony						
Arsenic	3.2E-07	7.6E-07	9.1E-10	1.1E-10	1.8E-10	1.1E-06
Barium						
Beryllium			3.7E-11	4.6E-12	5.4E-17	4.1E-11
Cadmium			4.9E-10	6.1E-11	6.9E-16	5.5E-10
Chromium						
Cobalt			3.2E-08	3.9E-09	4.9E-09	4.0E-08
Copper						
Iron						
Lead						
Manganese						
Mercury (+2)						

Table H-449 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental						
Nickel			3.2E-10	4.0E-11	2.7E-09	3.0E-09
Phosphorus						
Selenium						
Silver						
Thallium (Soluble Salts)						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	2.8E-12	2.6E-12				5.4E-12
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	2.3E-08	2.1E-08	1.2E-10	1.5E-11	4.8E-11	4.5E-08
Benzo(a)pyrene	2.2E-07	2.0E-07	4.6E-10	5.8E-11	1.5E-12	4.2E-07
Benzo(b)fluoranthene	3.4E-08	3.1E-08	5.2E-11	6.4E-12	2.3E-13	6.5E-08
Benzo(e)pyrene						

Table H-449 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	1.8E-09	1.7E-09	4.6E-13	5.7E-14	1.2E-13	3.5E-09
Biphenyl		2.3E-12				2.3E-12
Chrysene	2.9E-10	2.7E-10	2.0E-11	2.5E-12	2.0E-14	5.9E-10
Dibenze(a,h)anthracene	5.2E-08	4.7E-08	8.0E-11	9.9E-12	3.8E-13	9.9E-08
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	1.5E-08	1.3E-08	2.4E-11	3.0E-12	9.9E-14	2.8E-08
Napthalene			1.8E-09	2.3E-10		2.0E-09
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl			6.6E-13	8.3E-14		7.5E-13
Heptachlorobiphenyl			2.6E-13	3.2E-14		2.9E-13
Hexachlorobiphenyl			1.1E-12	1.4E-13		1.2E-12
Monochlorobiphenyl			4.6E-12	5.8E-13		5.2E-12
Nonachlorobiphenyl			3.7E-14	4.6E-15		4.1E-14
Octachlorobiphenyl			7.9E-14	9.9E-15		8.9E-14

Table H-449 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Pentachlorobiphenyl			3.7E-12	4.6E-13		4.2E-12
Tetrachlorobiphenyl			2.2E-13	2.7E-14		2.4E-13
Trichlorobiphenyl			2.7E-13	3.4E-14		3.1E-13
Pesticides						
DDE		1.1E-08			9.9E-11	1.1E-08
Dieldrin	2.7E-09	3.2E-09			4.5E-14	5.9E-09
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-dichlorobenzene						
1,4-dichlorobenzene			6.0E-12	7.5E-13		6.7E-12
1,4-Dioxane			2.3E-07			2.3E-07
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	5.9E-12	7.0E-12	1.6E-10	2.0E-11	5.9E-17	2.0E-10
Butyl benzyl phthalate	1.3E-15	1.5E-15				2.8E-15

Table H-449 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			3.5E-10	4.4E-11		3.9E-10
Isopropanol						
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			3.6E-13	4.5E-14		4.0E-13
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			1.5E-11	1.9E-12		1.7E-11
1,2-Dichloroethane			2.6E-11	9.3E-09		9.3E-09
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						

Table H-449 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
2-Chlorotoluene						
2-Hexanone						
Benzene			1.8E-07	2.7E-08		2.1E-07
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			1.3E-12	1.6E-13		1.4E-12
Bromomethane						
Carbon disulfide						
Carbon tetrachloride			2.8E-07	3.3E-08		3.1E-07
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			3.6E-07	2.0E-08		3.8E-07
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			3.3E-08	2.2E-11		3.3E-08
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			6.4E-14	8.1E-15		7.3E-14

Table H-449 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethene			1.1E-14	1.4E-15		1.3E-14
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			1.5E-08	1.3E-15		1.5E-08
Trichlorofluoromethane						
Vinyl chloride			2.2E-08	9.7E-13		2.2E-08
Grand Total	6.7E-07	1.1E-06	1.2E-06	9.5E-08	7.9E-09	3.0E-06

Table H-450 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			4.2E-05	5.2E-06		4.7E-05
Aldehydes						
Acetaldehyde			1.6E-04	2.0E-05		1.8E-04
Formaldehyde			6.3E-05	7.9E-06		7.1E-05
Propionaldehyde			2.0E-05	2.5E-06	2.1E-12	2.2E-05
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-450 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	5.2E-08	2.0E-07	1.3E-06	1.6E-07	1.2E-10	1.7E-06
2,3,7,8-TCDF						
OCDD						
OCDF						
HCN						
Hydrogen cyanide			2.0E-04	2.5E-05		2.2E-04
Metals						
Aluminum		1.1E-02			1.1E-04	1.1E-02
Antimony		6.4E-04				6.4E-04
Arsenic	2.0E-03	4.7E-03	4.0E-05	4.9E-06	7.7E-06	6.8E-03
Barium		1.6E-08	2.5E-04	3.1E-05	3.1E-10	2.8E-04
Beryllium		5.2E-13	2.1E-06	2.7E-07	2.6E-15	2.4E-06
Cadmium		8.2E-13	7.6E-05	9.5E-06	4.0E-15	8.5E-05
Chromium		5.5E-11				5.5E-11
Cobalt		1.0E-01	1.6E-03	2.0E-04	2.6E-04	1.1E-01
Copper		8.4E-09				8.4E-09
Iron		3.6E-02				3.6E-02
Lead						
Manganese						
Mercury (+2)		1.1E-10	7.8E-08	9.8E-09	5.6E-15	8.8E-08

Table H-450 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental			3.3E-10	4.1E-11	6.3E-03	6.3E-03
Methyl Mercury		2.0E-11				2.0E-11
Nickel		2.9E-02	3.9E-05	4.8E-06	3.2E-04	3.0E-02
Phosphorus		3.7E-10				3.7E-10
Selenium		8.1E-15	8.7E-09	1.1E-09	9.9E-20	9.8E-09
Silver		1.7E-10				1.7E-10
Thallium (Soluble Salts)		2.7E-02				2.7E-02
Titanium						
Zinc		6.1E-13				6.1E-13
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.4E-15	3.1E-15				6.5E-15
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	5.8E-14	5.2E-14				1.1E-13
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						

Table H-450 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						
Biphenyl		6.7E-15	2.8E-04	3.5E-05	4.9E-12	3.1E-04
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	1.7E-12	1.5E-12				3.2E-12
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene			5.0E-05	6.2E-06		5.6E-05
Perylene						
Phenanthrene						
Pyrene	8.3E-12	7.6E-12				1.6E-11
Particulate						
Particulate Total Suspended Partic						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	9.3E-12	7.8E-12				1.7E-11
Heptachlorobiphenyl	3.7E-12	3.2E-12	9.8E-10	1.2E-10	2.5E-15	1.1E-09
Hexachlorobiphenyl	1.7E-11	1.4E-11	4.1E-06	5.1E-07	1.1E-11	4.6E-06
Monochlorobiphenyl	6.4E-11	5.4E-11				1.2E-10
Nonachlorobiphenyl	6.6E-13	5.6E-13				1.2E-12

Table H-450 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Octachlorobiphenyl	1.2E-12	1.0E-12				2.2E-12
Pentachlorobiphenyl	6.1E-11	5.1E-11	4.6E-05	5.7E-06	1.3E-10	5.1E-05
Tetrachlorobiphenyl	3.5E-12	3.0E-12	2.3E-07	2.9E-08	1.5E-13	2.6E-07
Trichlorobiphenyl	4.3E-12	3.6E-12				7.8E-12
Pesticides						
DDE						
Dieldrin	9.4E-06	1.1E-05				2.1E-05
SVOCs						
1,2,4-trichlorobenzene			1.3E-07	1.7E-08		1.5E-07
1,2-dichlorobenzene			5.4E-10	6.8E-11		6.1E-10
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.9E-09	2.4E-10		2.1E-09
1,4-Dioxane			4.3E-03			4.3E-03
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			9.3E-08	1.2E-08		1.0E-07
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-10	4.0E-10				7.4E-10

Table H-450 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Butyl benzyl phthalate	1.6E-14	1.9E-14				3.6E-14
Carbazole						
Dibenzofuran	1.4E-13	5.7E-13				7.1E-13
Dimethyl phthalate						
Di-n-butyl phthalate	3.3E-14	3.9E-14				7.1E-14
Di-n-octyl phthalate	9.4E-13	1.1E-12				2.1E-12
Hexachlorobutadiene						
Isopropanol			1.0E-02			1.0E-02
Phenol			1.5E-06	1.9E-07		1.7E-06
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			2.7E-11	3.3E-12		3.0E-11
1,1-Dichloroethene			1.3E-10	1.6E-11		1.5E-10
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.6E-07	4.5E-08		4.1E-07
1,2,4-Trimethylbenzene			8.9E-07	1.1E-07		1.0E-06
1,2-Dibromoethane			7.7E-09	9.6E-10		8.6E-09
1,2-Dichloroethane			4.0E-07	1.4E-04		1.4E-04
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						

Table H-450 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
2-Butanone			6.6E-09	8.3E-10		7.4E-09
2-Chlorotoluene						
2-Hexanone			2.3E-07	2.8E-08		2.5E-07
Benzene			2.1E-03	3.2E-04		2.5E-03
Bromobenzene			6.2E-07	7.8E-08		7.0E-07
Bromochloromethane			2.2E-09	2.8E-10		2.5E-09
Bromodichloromethane						
Bromomethane			7.6E-07	9.5E-08		8.6E-07
Carbon disulfide			4.8E-09	6.0E-10		5.4E-09
Carbon tetrachloride			1.3E-03	1.5E-04		1.5E-03
Chlorobenzene			9.6E-08	1.2E-08		1.1E-07
Chlorodibromomethane						
Chloroethane			9.1E-10	1.1E-10		1.0E-09
Chloroform			4.4E-04	2.4E-05		4.7E-04
Chloromethane			3.4E-07	4.3E-08		3.9E-07
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			5.1E-08	6.4E-09		5.7E-08
Dichlorodifluoromethane			2.5E-09	3.1E-10		2.8E-09
Ethylbenzene			3.7E-05	2.4E-08		3.7E-05
Isopropylbenzene			3.9E-08	4.9E-09		4.4E-08
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.2E-10	1.5E-11		1.3E-10

Table H-450 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Methylene chloride			3.0E-08	3.8E-09		3.4E-08
n-Butylbenzene						
n-Propylbenzene			9.4E-09	1.2E-09		1.1E-08
o-Xylene			2.3E-07	2.9E-08		2.6E-07
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			5.1E-07	6.4E-08		5.7E-07
tert-Butylbenzene						
Tetrachloroethene			3.0E-09	3.8E-10		3.4E-09
Toluene			6.3E-08	7.9E-09		7.1E-08
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			5.0E-03	4.5E-10		5.0E-03
Trichlorofluoromethane						
Vinyl chloride			1.4E-04	6.2E-09		1.4E-04
Grand Total	2.0E-03	2.1E-01	2.6E-02	1.0E-03	7.0E-03	2.5E-01

Table H-451 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.1E-09	4.1E-08	1.4E-10	1.4E-08			5.6E-08
Formaldehyde						2.9E-09	9.4E-08	3.6E-10	3.1E-08			1.3E-07
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.9E-16					1.2E-10	4.6E-09	1.4E-11	1.5E-09			6.2E-09
1,2,3,4,6,7,8-HpCDF	1.9E-16					1.2E-10	4.6E-09	1.5E-11	1.5E-09			6.3E-09
1,2,3,4,7,8,9-HpCDF	4.1E-17					1.5E-11	6.0E-10	1.8E-12	2.0E-10			8.2E-10
1,2,3,4,7,8-HxCDD	2.9E-15					1.4E-10	5.6E-09	1.7E-11	1.9E-09			7.6E-09
1,2,3,4,7,8-HxCDF	2.1E-14					1.1E-09	4.5E-08	1.4E-10	1.5E-08			6.2E-08
1,2,3,6,7,8-HxCDD	6.3E-15					2.9E-10	1.2E-08	3.6E-11	3.9E-09			1.6E-08
1,2,3,6,7,8-HxCDF	7.8E-15					3.6E-10	1.5E-08	4.5E-11	4.9E-09			2.0E-08
1,2,3,7,8,9-HxCDD	7.4E-15					4.4E-10	1.8E-08	5.5E-11	5.9E-09			2.4E-08
1,2,3,7,8,9-HxCDF	7.7E-16					2.8E-11	1.1E-09	3.5E-12	3.8E-10			1.6E-09
1,2,3,7,8-PeCDD	2.8E-13					1.8E-09	7.2E-08	2.2E-10	2.4E-08			9.7E-08
1,2,3,7,8-PeCDF	2.0E-14					1.2E-10	5.1E-09	1.6E-11	1.7E-09			7.0E-09
2,3,4,6,7,8-HxCDF	1.2E-14					5.6E-10	2.3E-08	7.1E-11	7.5E-09			3.1E-08
2,3,4,7,8-PeCDF	3.0E-13					2.8E-09	1.1E-07	3.5E-10	3.8E-08			1.6E-07
2,3,7,8-TCDD	1.0E-13					7.0E-10	2.4E-08	8.8E-11	7.9E-09			3.2E-08
2,3,7,8-TCDF	3.6E-14					2.6E-10	1.1E-08	3.2E-11	3.6E-09			1.4E-08
OCDD	2.5E-20					7.6E-13	3.0E-11	9.5E-14	1.0E-11			4.1E-11
OCDF	9.2E-21					2.9E-13	1.1E-11	3.6E-14	3.7E-12			1.5E-11
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-451 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.1E-15	3.2E-07	4.4E-11	7.6E-07	2.1E-10	9.1E-10	3.2E-08	1.1E-10	1.1E-08	1.8E-10	1.1E-13	1.1E-06
Barium												
Beryllium						3.7E-11	1.2E-09	4.6E-12	4.1E-10	5.4E-17	4.5E-15	1.7E-09
Cadmium						4.9E-10	1.7E-08	6.1E-11	5.7E-09	6.9E-16	5.8E-14	2.3E-08
Chromium												
Cobalt						3.2E-08	5.8E-07	3.9E-09	1.9E-07	4.9E-09		8.1E-07
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.2E-10	1.1E-08	4.0E-11	3.7E-09	2.7E-09	3.9E-14	1.8E-08
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		2.8E-12	5.7E-11	2.6E-12	1.0E-10							1.7E-10
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.6E-12	2.3E-08	3.8E-11	2.1E-08	7.0E-11	1.2E-10	5.1E-09	1.5E-11	1.7E-09	4.8E-11	3.5E-13	5.2E-08
Benzo(a)pyrene	8.7E-12	2.2E-07	2.7E-10	2.0E-07	4.9E-10	4.6E-10	1.9E-08	5.8E-11	6.4E-09	1.5E-12	8.0E-15	4.5E-07
Benzo(b)fluoranthene	2.2E-13	3.4E-08	1.1E-12	3.1E-08	2.0E-12	5.2E-11	2.1E-09	6.4E-12	6.9E-10	2.3E-13	3.3E-17	6.8E-08
Benzo(e)pyrene												

Table H-451 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	1.0E-16	1.8E-09		1.7E-09		4.6E-13	8.2E-12	5.7E-14	2.7E-12	1.2E-13		3.5E-09
Biphenyl				2.3E-12	9.7E-11							1.0E-10
Chrysene	2.6E-15	2.9E-10	3.1E-14	2.7E-10	5.7E-14	2.0E-11	8.3E-10	2.5E-12	2.8E-10	2.0E-14	9.3E-18	1.7E-09
Dibenze(a,h)anthracene	3.9E-13	5.2E-08	1.4E-11	4.7E-08	2.6E-11	8.0E-11	3.3E-09	9.9E-12	1.1E-09	3.8E-13	4.6E-16	1.0E-07
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.7E-13	1.5E-08	1.4E-11	1.3E-08	2.5E-11	2.4E-11	1.0E-09	3.0E-12	3.3E-10	9.9E-14	4.1E-16	3.0E-08
Napthalene						1.8E-09	7.5E-08	2.3E-10	2.5E-08			1.0E-07
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.5E-16					6.6E-13	2.7E-11	8.3E-14	9.1E-12			3.7E-11
Heptachlorobiphenyl	1.6E-16					2.6E-13	1.0E-11	3.2E-14	3.5E-12			1.4E-11
Hexachlorobiphenyl	6.5E-16					1.1E-12	4.2E-11	1.4E-13	1.4E-11			5.7E-11
Monochlorobiphenyl	1.1E-15					4.6E-12	1.9E-10	5.8E-13	6.3E-11			2.6E-10
Nonachlorobiphenyl	2.0E-17					3.7E-14	1.3E-12	4.6E-15	4.3E-13			1.8E-12
Octachlorobiphenyl	4.8E-17					7.9E-14	3.1E-12	9.9E-15	1.0E-12			4.2E-12
Pentachlorobiphenyl	2.2E-15					3.7E-12	1.4E-10	4.6E-13	4.7E-11			1.9E-10
Tetrachlorobiphenyl	4.5E-17					2.2E-13	8.1E-12	2.7E-14	2.7E-12			1.1E-11
Trichlorobiphenyl	5.9E-17					2.7E-13	1.1E-11	3.4E-14	3.5E-12			1.4E-11
Pesticides												
DDE				1.1E-08						9.9E-11		1.1E-08
Dieldrin		2.7E-09		3.2E-09						4.5E-14		5.9E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.8E-19					6.0E-12	2.7E-10	7.5E-13	8.9E-11			3.6E-10
1,4-Dioxane						2.3E-07						2.3E-07

Table H-451 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	3.5E-15	5.9E-12	1.1E-10	7.0E-12	2.5E-10	1.6E-10	6.3E-09	2.0E-11	2.1E-09	5.9E-17	4.7E-15	9.0E-09
Butyl benzyl phthalate	1.2E-16	1.3E-15	2.6E-14	1.5E-15	6.2E-14							9.1E-14
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	1.9E-16					3.5E-10	6.2E-09	4.4E-11	2.1E-09			8.7E-09
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	2.5E-20					3.6E-13	1.2E-11	4.5E-14	4.0E-12			1.6E-11
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.2E-17											1.2E-17
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	2.7E-19					1.5E-11	2.6E-10	1.9E-12	8.8E-11			3.7E-10
1,2-Dichloroethane	3.8E-19					2.6E-11	9.7E-10	9.3E-09	3.2E-10			1.1E-08
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												

Table H-451 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone												
Benzene	3.9E-17					1.8E-07	9.5E-08	2.7E-08	3.2E-08			3.3E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	7.0E-21					1.3E-12	2.2E-11	1.6E-13	7.5E-12			3.1E-11
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	3.4E-21					2.8E-07	8.3E-12	3.3E-08	2.8E-12			3.1E-07
Chlorobenzene												
Chlorodibromomethane	5.5E-19											5.5E-19
Chloroethane												
Chloroform	3.1E-20					3.6E-07	3.1E-10	2.0E-08	1.0E-10			3.8E-07
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	5.9E-18					3.3E-08	6.6E-09	2.2E-11	2.2E-09			4.1E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	1.9E-20					6.4E-14	2.4E-12	8.1E-15	7.9E-13			3.2E-12
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.0E-22					1.1E-14	3.9E-13	1.4E-15	1.3E-13			5.4E-13
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.1E-22					1.5E-08	1.9E-13	1.3E-15	6.3E-14			1.5E-08

Table H-451 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane												
Vinyl chloride	1.2E-19					2.2E-08	1.9E-10	9.7E-13	6.3E-11			2.2E-08
Grand Total	1.2E-11	6.7E-07	5.5E-10	1.1E-06	1.3E-09	1.2E-06	1.3E-06	9.5E-08	4.5E-07	7.9E-09	5.7E-13	4.8E-06

Table H-452 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	1.5E-03	5.2E-06	5.0E-04			2.0E-03
Aldehydes												
Acetaldehyde						1.6E-04	5.8E-03	2.0E-05	1.9E-03			7.9E-03
Formaldehyde	2.3E-12					6.3E-05	2.1E-03	7.9E-06	6.9E-04			2.8E-03
Propionaldehyde						2.0E-05	7.2E-04	2.5E-06	2.4E-04	2.1E-12	1.5E-10	9.8E-04
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.5E-07	2.0E-07	5.9E-06	1.3E-06	4.3E-05	1.6E-07	1.4E-05	1.2E-10	7.8E-09	6.6E-05
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	7.7E-03	2.5E-05	2.6E-03			1.1E-02
Metals												
Aluminum				1.1E-02						1.1E-04		1.1E-02
Antimony	3.9E-14			6.4E-04								6.4E-04

Table H-452 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	2.0E-03	1.6E-13	4.7E-03	7.6E-13	4.0E-05	1.4E-03	4.9E-06	4.7E-04	7.7E-06	2.7E-15	8.6E-03
Barium	1.2E-11			1.6E-08	5.4E-07	2.5E-04	6.8E-03	3.1E-05	2.3E-03	3.1E-10	2.3E-08	9.3E-03
Beryllium	1.7E-14			5.2E-13	2.0E-11	2.1E-06	7.3E-05	2.7E-07	2.4E-05	2.6E-15	2.1E-13	9.9E-05
Cadmium	8.3E-12			8.2E-13	3.1E-11	7.6E-05	2.6E-03	9.5E-06	8.8E-04	4.0E-15	3.4E-13	3.6E-03
Chromium	1.7E-15			5.5E-11	2.2E-09							2.2E-09
Cobalt				1.0E-01	3.3E-05	1.6E-03	3.0E-02	2.0E-04	9.9E-03	2.6E-04	1.8E-07	1.5E-01
Copper				8.4E-09	3.2E-07							3.3E-07
Iron				3.6E-02								3.6E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.5E-09	7.8E-08	2.8E-06	9.8E-09	9.2E-07	5.6E-15	3.8E-13	3.8E-06
Mercury, elemental						3.3E-10	1.2E-08	4.1E-11	3.8E-09	6.3E-03		6.3E-03
Methyl Mercury	8.7E-11			2.0E-11	7.9E-10							8.9E-10
Nickel	1.7E-13			2.9E-02	7.8E-12	3.9E-05	1.3E-03	4.8E-06	4.4E-04	3.2E-04	1.9E-13	3.1E-02
Phosphorus				3.7E-10	1.4E-08							1.4E-08
Selenium	5.5E-14			8.1E-15	3.1E-13	8.7E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-20	8.4E-18	4.2E-07
Silver	4.2E-14			1.7E-10	6.2E-09							6.4E-09
Thallium (Soluble Salts)				2.7E-02								2.7E-02
Titanium												
Zinc	1.4E-11			6.1E-13	2.2E-11							3.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	6.9E-14	3.1E-15	1.3E-13							2.0E-13
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	1.2E-12	5.2E-14	2.1E-12							3.4E-12
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-452 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	2.8E-13	2.8E-04	1.2E-02	3.5E-05	3.9E-03	4.9E-12	4.5E-10	1.6E-02
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	3.4E-11	1.5E-12	6.3E-11							1.1E-10
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	2.1E-03	6.2E-06	6.9E-04			2.8E-03
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.7E-10	7.6E-12	3.1E-10							5.1E-10
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.8E-10	7.8E-12	3.1E-10							6.0E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	7.2E-11	3.2E-12	1.2E-10	9.8E-10	3.9E-08	1.2E-10	1.3E-08	2.5E-15	2.1E-13	5.4E-08
Hexachlorobiphenyl	4.6E-11	1.7E-11	3.0E-10	1.4E-11	5.1E-10	4.1E-06	1.6E-04	5.1E-07	5.3E-05	1.1E-11	8.8E-10	2.2E-04
Monochlorobiphenyl	6.1E-10	6.4E-11	1.3E-09	5.4E-11	2.2E-09							4.2E-09
Nonachlorobiphenyl	1.4E-12	6.6E-13	1.0E-11	5.6E-13	1.7E-11							3.0E-11
Octachlorobiphenyl	3.4E-12	1.2E-12	2.2E-11	1.0E-12	3.7E-11							6.5E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	1.0E-09	5.1E-11	1.8E-09	4.6E-05	1.7E-03	5.7E-06	5.7E-04	1.3E-10	9.9E-09	2.3E-03
Tetrachlorobiphenyl	2.6E-11	3.5E-12	6.0E-11	3.0E-12	1.0E-10	2.3E-07	8.7E-06	2.9E-08	2.9E-06	1.5E-13	1.1E-11	1.2E-05
Trichlorobiphenyl	3.4E-11	4.3E-12	7.6E-11	3.6E-12	1.3E-10							2.5E-10
Pesticides												
DDE												
Dieldrin		9.4E-06		1.1E-05								2.1E-05
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	4.3E-06	1.7E-08	1.4E-06			5.9E-06
1,2-dichlorobenzene	3.1E-17					5.4E-10	9.7E-09	6.8E-11	3.2E-09			1.4E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	8.5E-08	2.4E-10	2.8E-08			1.2E-07
1,4-Dioxane						4.3E-03						4.3E-03

Table H-452 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	3.9E-06	1.2E-08	1.3E-06			5.3E-06
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	6.0E-09	4.0E-10	1.4E-08							2.1E-08
Butyl benzyl phthalate	8.8E-13	1.6E-14	3.3E-13	1.9E-14	7.9E-13							2.0E-12
Carbazole												
Dibenzofuran		1.4E-13	2.9E-12	5.7E-13	2.3E-11							2.6E-11
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	6.7E-13	3.9E-14	1.6E-12							1.9E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	8.7E-12	1.1E-12	2.1E-11							3.1E-11
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.0E-02						1.0E-02
Phenol	4.9E-13					1.5E-06	6.2E-05	1.9E-07	2.1E-05			8.5E-05
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	1.0E-09	3.3E-12	3.3E-10			1.4E-09
1,1-Dichloroethene	1.2E-19					1.3E-10	2.3E-09	1.6E-11	7.7E-10			3.2E-09
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	6.4E-06	4.5E-08	2.1E-06			9.0E-06
1,2,4-Trimethylbenzene						8.9E-07	2.8E-05	1.1E-07	9.4E-06			3.9E-05
1,2-Dibromoethane	4.1E-17					7.7E-09	1.4E-07	9.6E-10	4.6E-08			1.9E-07
1,2-Dichloroethane	1.9E-15					4.0E-07	1.5E-05	1.4E-04	5.0E-06			1.6E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	2.6E-07	8.3E-10	8.7E-08			3.6E-07
2-Chlorotoluene												

Table H-452 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Hexanone						2.3E-07	8.2E-06	2.8E-08	2.7E-06			1.1E-05
Benzene	4.9E-13					2.1E-03	1.1E-03	3.2E-04	3.8E-04			4.0E-03
Bromobenzene						6.2E-07	1.1E-05	7.8E-08	3.7E-06			1.5E-05
Bromochloromethane						2.2E-09	3.9E-08	2.8E-10	1.3E-08			5.5E-08
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	2.3E-05	9.5E-08	7.6E-06			3.1E-05
Carbon disulfide	1.3E-17					4.8E-09	1.4E-07	6.0E-10	4.7E-08			1.9E-07
Carbon tetrachloride	3.4E-17					1.3E-03	3.9E-08	1.5E-04	1.3E-08			1.5E-03
Chlorobenzene	2.3E-15					9.6E-08	3.4E-06	1.2E-08	1.1E-06			4.7E-06
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	3.2E-08	1.1E-10	1.1E-08			4.3E-08
Chloroform	2.8E-16					4.4E-04	3.9E-07	2.4E-05	1.3E-07			4.7E-04
Chloromethane						3.4E-07	1.0E-05	4.3E-08	3.5E-06			1.4E-05
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	9.1E-07	6.4E-09	3.0E-07			1.3E-06
Dichlorodifluoromethane	2.4E-20					2.5E-09	4.4E-08	3.1E-10	1.5E-08			6.2E-08
Ethylbenzene	1.5E-14					3.7E-05	7.4E-06	2.4E-08	2.5E-06			4.6E-05
Isopropylbenzene	2.0E-17					3.9E-08	1.3E-06	4.9E-09	4.5E-07			1.8E-06
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.1E-09	1.5E-11	7.1E-10			3.0E-09
Methylene chloride	4.3E-15					3.0E-08	1.1E-06	3.8E-09	3.7E-07			1.5E-06
n-Butylbenzene												
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07			4.2E-07
o-Xylene	1.4E-15					2.3E-07	7.6E-06	2.9E-08	2.5E-06			1.0E-05
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.9E-05	6.4E-08	6.2E-06			2.5E-05
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	1.1E-07	3.8E-10	3.5E-08			1.4E-07
Toluene	2.0E-14					6.3E-08	2.5E-06	7.9E-09	8.3E-07			3.4E-06
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					5.0E-03	6.5E-08	4.5E-10	2.2E-08			5.0E-03

Table H-452 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					1.4E-04	1.2E-06	6.2E-09	4.0E-07			1.4E-04
Grand Total	4.8E-09	2.0E-03	7.6E-07	2.1E-01	4.0E-05	2.6E-02	7.7E-02	1.0E-03	2.6E-02	7.0E-03	2.2E-07	3.5E-01

Table H-453 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			1.1E-09	1.4E-10		1.3E-09
Formaldehyde			2.2E-05	3.6E-10		2.2E-05
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD			1.2E-10	1.4E-11		1.3E-10
1,2,3,4,6,7,8-HpCDF			1.2E-10	1.5E-11		1.3E-10
1,2,3,4,7,8,9-HpCDF			1.5E-11	1.8E-12		1.7E-11
1,2,3,4,7,8-HxCDD			1.4E-10	1.7E-11		1.5E-10
1,2,3,4,7,8-HxCDF			1.1E-09	1.4E-10		1.3E-09
1,2,3,6,7,8-HxCDD			2.9E-10	3.6E-11		3.3E-10
1,2,3,6,7,8-HxCDF			3.6E-10	4.5E-11		4.1E-10
1,2,3,7,8,9-HxCDD			4.4E-10	5.5E-11		5.0E-10
1,2,3,7,8,9-HxCDF			2.8E-11	3.5E-12		3.1E-11
1,2,3,7,8-PeCDD			1.8E-09	2.2E-10		2.0E-09

Table H-453 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
1,2,3,7,8-PeCDF			1.2E-10	1.6E-11		1.4E-10
2,3,4,6,7,8-HxCDF			5.6E-10	7.1E-11		6.4E-10
2,3,4,7,8-PeCDF			2.8E-09	3.5E-10		3.1E-09
2,3,7,8-TCDD			7.0E-10	8.8E-11		7.9E-10
2,3,7,8-TCDF			2.6E-10	3.2E-11		2.9E-10
OCDD			7.6E-13	9.5E-14		8.6E-13
OCDF			2.9E-13	3.6E-14		3.2E-13
HCN						
Hydrogen cyanide						
Metals						
Aluminum						
Antimony						
Arsenic	1.5E-06	3.4E-06	9.1E-10	1.1E-10	8.1E-10	4.9E-06
Barium						
Beryllium			3.7E-11	4.6E-12	5.4E-17	4.1E-11
Cadmium			4.9E-10	6.1E-11	6.9E-16	5.5E-10
Chromium						
Cobalt			3.2E-08	3.9E-09	5.1E-09	4.1E-08
Copper						
Iron						
Lead						
Manganese						
Mercury (+2)						

Table H-453 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental						
Nickel			3.2E-10	4.0E-11	2.5E-09	2.9E-09
Phosphorus						
Selenium						
Silver						
Thallium (Soluble Salts)						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	2.8E-12	2.6E-12				5.4E-12
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	4.3E-08	3.9E-08	1.2E-10	1.5E-11	8.9E-11	8.2E-08
Benzo(a)pyrene	4.4E-07	4.0E-07	4.6E-10	5.8E-11	3.0E-12	8.4E-07
Benzo(b)fluoranthene	7.9E-08	7.1E-08	5.2E-11	6.4E-12	5.3E-13	1.5E-07
Benzo(e)pyrene						

Table H-453 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	3.2E-09	2.9E-09	4.6E-13	5.7E-14	2.1E-13	6.1E-09
Biphenyl		2.3E-12				2.3E-12
Chrysene	6.1E-10	5.6E-10	2.0E-11	2.5E-12	4.1E-14	1.2E-09
Dibenze(a,h)anthracene	7.1E-13	6.5E-13	8.0E-11	9.9E-12	5.2E-18	9.1E-11
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	2.5E-08	2.2E-08	2.4E-11	3.0E-12	1.6E-13	4.7E-08
Napthalene			1.8E-09	2.3E-10		2.0E-09
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl			6.6E-13	8.3E-14		7.5E-13
Heptachlorobiphenyl			2.6E-13	3.2E-14		2.9E-13
Hexachlorobiphenyl			1.1E-12	1.4E-13		1.2E-12
Monochlorobiphenyl			4.6E-12	5.8E-13		5.2E-12
Nonachlorobiphenyl			3.7E-14	4.6E-15		4.1E-14
Octachlorobiphenyl			7.9E-14	9.9E-15		8.9E-14

Table H-453 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Pentachlorobiphenyl			3.7E-12	4.6E-13		4.2E-12
Tetrachlorobiphenyl			2.2E-13	2.7E-14		2.4E-13
Trichlorobiphenyl			2.7E-13	3.4E-14		3.1E-13
Pesticides						
DDE		8.3E-07			7.5E-09	8.4E-07
Dieldrin	1.5E-07	1.8E-07			2.6E-12	3.3E-07
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-dichlorobenzene						
1,4-dichlorobenzene			6.0E-12	7.5E-13		6.7E-12
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	5.9E-12	7.0E-12	1.6E-10	2.0E-11	5.9E-17	2.0E-10
Butyl benzyl phthalate	1.3E-15	1.5E-15				2.8E-15
Carbazole						

Table H-453 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			3.5E-10	4.4E-11		3.9E-10
Isopropanol						
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			3.6E-13	4.5E-14		4.0E-13
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			1.5E-11	1.9E-12		1.7E-11
1,2-Dichloroethane			2.1E-07	9.3E-09		2.2E-07
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						
2-Chlorotoluene						

Table H-453 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
2-Hexanone						
Benzene			2.3E-06	2.7E-08		2.3E-06
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			1.3E-12	1.6E-13		1.4E-12
Bromomethane						
Carbon disulfide						
Carbon tetrachloride			3.3E-07	3.3E-08		3.7E-07
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			3.0E-07	2.0E-08		3.2E-07
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			1.9E-07	2.2E-11		1.9E-07
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			6.4E-14	8.1E-15		7.3E-14
n-Butylbenzene						

Table H-453 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethene			1.1E-14	1.4E-15		1.3E-14
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			7.4E-09	1.3E-15		7.4E-09
Trichlorofluoromethane						
Vinyl chloride			7.8E-12	9.7E-13		8.8E-12
Grand Total	2.2E-06	5.0E-06	2.6E-05	9.5E-08	1.6E-08	3.3E-05

Table H-454 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			4.2E-05	5.2E-06		4.7E-05
Aldehydes						
Acetaldehyde			1.6E-04	2.0E-05		1.8E-04
Formaldehyde			4.9E-01	7.9E-06		4.9E-01
Propionaldehyde			2.0E-05	2.5E-06	2.1E-12	2.2E-05
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-454 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	5.2E-08	2.0E-07	1.3E-06	1.6E-07	1.2E-10	1.7E-06
2,3,7,8-TCDF						
OCDD						
OCDF						
HCN						
Hydrogen cyanide			2.0E-04	2.5E-05		2.2E-04
Metals						
Aluminum		1.2E-02			1.1E-04	1.2E-02
Antimony		1.9E-03				1.9E-03
Arsenic	9.1E-03	2.1E-02	4.0E-05	4.9E-06	3.5E-05	3.1E-02
Barium		1.6E-08	2.5E-04	3.1E-05	3.1E-10	2.8E-04
Beryllium		5.2E-13	2.1E-06	2.7E-07	2.6E-15	2.4E-06
Cadmium		8.2E-13	7.6E-05	9.5E-06	4.0E-15	8.5E-05
Chromium		5.5E-11				5.5E-11
Cobalt		1.1E-01	1.6E-03	2.0E-04	2.7E-04	1.1E-01
Copper		8.4E-09				8.4E-09
Iron		3.9E-02				3.9E-02
Lead						
Manganese						
Mercury (+2)		1.1E-10	7.8E-08	9.8E-09	5.6E-15	8.8E-08

Table H-454 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental			3.3E-10	4.1E-11	1.7E-04	1.7E-04
Methyl Mercury		2.0E-11				2.0E-11
Nickel		2.8E-02	3.9E-05	4.8E-06	3.0E-04	2.8E-02
Phosphorus		3.7E-10				3.7E-10
Selenium		8.1E-15	8.7E-09	1.1E-09	9.9E-20	9.8E-09
Silver		1.7E-10				1.7E-10
Thallium (Soluble Salts)		8.1E-03				8.1E-03
Titanium						
Zinc		6.1E-13				6.1E-13
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.4E-15	3.1E-15				6.5E-15
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	5.8E-14	5.2E-14				1.1E-13
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						

Table H-454 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						
Biphenyl		6.7E-15	2.8E-04	3.5E-05	4.9E-12	3.1E-04
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	1.7E-12	1.5E-12				3.2E-12
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene			5.0E-05	6.2E-06		5.6E-05
Perylene						
Phenanthrene						
Pyrene	8.3E-12	7.6E-12				1.6E-11
Particulate						
Particulate Total Suspended Partic						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	9.3E-12	7.8E-12				1.7E-11
Heptachlorobiphenyl	3.7E-12	3.2E-12	9.8E-10	1.2E-10	2.5E-15	1.1E-09
Hexachlorobiphenyl	1.7E-11	1.4E-11	4.1E-06	5.1E-07	1.1E-11	4.6E-06
Monochlorobiphenyl	6.4E-11	5.4E-11				1.2E-10
Nonachlorobiphenyl	6.6E-13	5.6E-13				1.2E-12

Table H-454 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Octachlorobiphenyl	1.2E-12	1.0E-12				2.2E-12
Pentachlorobiphenyl	6.1E-11	5.1E-11	4.6E-05	5.7E-06	1.3E-10	5.1E-05
Tetrachlorobiphenyl	3.5E-12	3.0E-12	2.3E-07	2.9E-08	1.5E-13	2.6E-07
Trichlorobiphenyl	4.3E-12	3.6E-12				7.8E-12
Pesticides						
DDE						
Dieldrin	5.4E-04	6.3E-04				1.2E-03
SVOCs						
1,2,4-trichlorobenzene			1.3E-07	1.7E-08		1.5E-07
1,2-dichlorobenzene			5.4E-10	6.8E-11		6.1E-10
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.9E-09	2.4E-10		2.1E-09
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			9.3E-08	1.2E-08		1.0E-07
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-10	4.0E-10				7.4E-10
Butyl benzyl phthalate	1.6E-14	1.9E-14				3.6E-14

Table H-454 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbazole						
Dibenzofuran	1.4E-13	5.7E-13				7.1E-13
Dimethyl phthalate						
Di-n-butyl phthalate	3.3E-14	3.9E-14				7.1E-14
Di-n-octyl phthalate	9.4E-13	1.1E-12				2.1E-12
Hexachlorobutadiene						
Isopropanol			3.0E-02			3.0E-02
Phenol			1.5E-06	1.9E-07		1.7E-06
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			2.7E-11	3.3E-12		3.0E-11
1,1-Dichloroethene			1.3E-10	1.6E-11		1.5E-10
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.6E-07	4.5E-08		4.1E-07
1,2,4-Trimethylbenzene			8.9E-07	1.1E-07		1.0E-06
1,2-Dibromoethane			7.7E-09	9.6E-10		8.6E-09
1,2-Dichloroethane			3.3E-03	1.4E-04		3.4E-03
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone			6.6E-09	8.3E-10		7.4E-09

Table H-454 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
2-Chlorotoluene						
2-Hexanone			2.3E-07	2.8E-08		2.5E-07
Benzene			2.7E-02	3.2E-04		2.8E-02
Bromobenzene			6.2E-07	7.8E-08		7.0E-07
Bromochloromethane			2.2E-09	2.8E-10		2.5E-09
Bromodichloromethane						
Bromomethane			7.6E-07	9.5E-08		8.6E-07
Carbon disulfide			4.8E-09	6.0E-10		5.4E-09
Carbon tetrachloride			1.6E-03	1.5E-04		1.7E-03
Chlorobenzene			9.6E-08	1.2E-08		1.1E-07
Chlorodibromomethane						
Chloroethane			9.1E-10	1.1E-10		1.0E-09
Chloroform			3.7E-04	2.4E-05		4.0E-04
Chloromethane			3.4E-07	4.3E-08		3.9E-07
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			5.1E-08	6.4E-09		5.7E-08
Dichlorodifluoromethane			2.5E-09	3.1E-10		2.8E-09
Ethylbenzene			2.1E-04	2.4E-08		2.1E-04
Isopropylbenzene			3.9E-08	4.9E-09		4.4E-08
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.2E-10	1.5E-11		1.3E-10
Methylene chloride			3.0E-08	3.8E-09		3.4E-08

Table H-454 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene			9.4E-09	1.2E-09		1.1E-08
o-Xylene			2.3E-07	2.9E-08		2.6E-07
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			5.1E-07	6.4E-08		5.7E-07
tert-Butylbenzene						
Tetrachloroethene			3.0E-09	3.8E-10		3.4E-09
Toluene			6.3E-08	7.9E-09		7.1E-08
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			2.5E-03	4.5E-10		2.5E-03
Trichlorofluoromethane						
Vinyl chloride			5.0E-08	6.2E-09		5.6E-08
Grand Total	9.6E-03	2.2E-01	5.6E-01	1.0E-03	8.9E-04	7.9E-01

Table H-455 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.1E-09	4.1E-08	1.4E-10	1.4E-08			5.6E-08
Formaldehyde						2.2E-05	9.4E-08	3.6E-10	3.1E-08			2.2E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.9E-16					1.2E-10	4.6E-09	1.4E-11	1.5E-09			6.2E-09
1,2,3,4,6,7,8-HpCDF	1.9E-16					1.2E-10	4.6E-09	1.5E-11	1.5E-09			6.3E-09
1,2,3,4,7,8,9-HpCDF	4.1E-17					1.5E-11	6.0E-10	1.8E-12	2.0E-10			8.2E-10
1,2,3,4,7,8-HxCDD	2.9E-15					1.4E-10	5.6E-09	1.7E-11	1.9E-09			7.6E-09
1,2,3,4,7,8-HxCDF	2.1E-14					1.1E-09	4.5E-08	1.4E-10	1.5E-08			6.2E-08
1,2,3,6,7,8-HxCDD	6.3E-15					2.9E-10	1.2E-08	3.6E-11	3.9E-09			1.6E-08
1,2,3,6,7,8-HxCDF	7.8E-15					3.6E-10	1.5E-08	4.5E-11	4.9E-09			2.0E-08
1,2,3,7,8,9-HxCDD	7.4E-15					4.4E-10	1.8E-08	5.5E-11	5.9E-09			2.4E-08
1,2,3,7,8,9-HxCDF	7.7E-16					2.8E-11	1.1E-09	3.5E-12	3.8E-10			1.6E-09
1,2,3,7,8-PeCDD	2.8E-13					1.8E-09	7.2E-08	2.2E-10	2.4E-08			9.7E-08
1,2,3,7,8-PeCDF	2.0E-14					1.2E-10	5.1E-09	1.6E-11	1.7E-09			7.0E-09
2,3,4,6,7,8-HxCDF	1.2E-14					5.6E-10	2.3E-08	7.1E-11	7.5E-09			3.1E-08
2,3,4,7,8-PeCDF	3.0E-13					2.8E-09	1.1E-07	3.5E-10	3.8E-08			1.6E-07
2,3,7,8-TCDD	1.0E-13					7.0E-10	2.4E-08	8.8E-11	7.9E-09			3.2E-08
2,3,7,8-TCDF	3.6E-14					2.6E-10	1.1E-08	3.2E-11	3.6E-09			1.4E-08
OCDD	2.5E-20					7.6E-13	3.0E-11	9.5E-14	1.0E-11			4.1E-11
OCDF	9.2E-21					2.9E-13	1.1E-11	3.6E-14	3.7E-12			1.5E-11
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-455 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.1E-15	1.5E-06	4.4E-11	3.4E-06	2.1E-10	9.1E-10	3.2E-08	1.1E-10	1.1E-08	8.1E-10	1.1E-13	4.9E-06
Barium												
Beryllium						3.7E-11	1.2E-09	4.6E-12	4.1E-10	5.4E-17	4.5E-15	1.7E-09
Cadmium						4.9E-10	1.7E-08	6.1E-11	5.7E-09	6.9E-16	5.8E-14	2.3E-08
Chromium												
Cobalt						3.2E-08	5.8E-07	3.9E-09	1.9E-07	5.1E-09		8.1E-07
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.2E-10	1.1E-08	4.0E-11	3.7E-09	2.5E-09	3.9E-14	1.8E-08
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		2.8E-12	5.7E-11	2.6E-12	1.0E-10							1.7E-10
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.6E-12	4.3E-08	3.8E-11	3.9E-08	7.0E-11	1.2E-10	5.1E-09	1.5E-11	1.7E-09	8.9E-11	3.5E-13	8.9E-08
Benzo(a)pyrene	8.7E-12	4.4E-07	2.7E-10	4.0E-07	4.9E-10	4.6E-10	1.9E-08	5.8E-11	6.4E-09	3.0E-12	8.0E-15	8.7E-07
Benzo(b)fluoranthene	2.2E-13	7.9E-08	1.1E-12	7.1E-08	2.0E-12	5.2E-11	2.1E-09	6.4E-12	6.9E-10	5.3E-13	3.3E-17	1.5E-07
Benzo(e)pyrene												

Table H-455 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	1.0E-16	3.2E-09		2.9E-09		4.6E-13	8.2E-12	5.7E-14	2.7E-12	2.1E-13		6.1E-09
Biphenyl				2.3E-12	9.7E-11							1.0E-10
Chrysene	2.6E-15	6.1E-10	3.1E-14	5.6E-10	5.7E-14	2.0E-11	8.3E-10	2.5E-12	2.8E-10	4.1E-14	9.3E-18	2.3E-09
Dibenze(a,h)anthracene	3.9E-13	7.1E-13	1.4E-11	6.5E-13	2.6E-11	8.0E-11	3.3E-09	9.9E-12	1.1E-09	5.2E-18	4.6E-16	4.5E-09
Fluorene												
Indeno(1,2,3-cd)pyrene	1.7E-13	2.5E-08	1.4E-11	2.2E-08	2.5E-11	2.4E-11	1.0E-09	3.0E-12	3.3E-10	1.6E-13	4.1E-16	4.8E-08
Napthalene						1.8E-09	7.5E-08	2.3E-10	2.5E-08			1.0E-07
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.5E-16					6.6E-13	2.7E-11	8.3E-14	9.1E-12			3.7E-11
Heptachlorobiphenyl	1.6E-16					2.6E-13	1.0E-11	3.2E-14	3.5E-12			1.4E-11
Hexachlorobiphenyl	6.5E-16					1.1E-12	4.2E-11	1.4E-13	1.4E-11			5.7E-11
Monochlorobiphenyl	1.1E-15					4.6E-12	1.9E-10	5.8E-13	6.3E-11			2.6E-10
Nonachlorobiphenyl	2.0E-17					3.7E-14	1.3E-12	4.6E-15	4.3E-13			1.8E-12
Octachlorobiphenyl	4.8E-17					7.9E-14	3.1E-12	9.9E-15	1.0E-12			4.2E-12
Pentachlorobiphenyl	2.2E-15					3.7E-12	1.4E-10	4.6E-13	4.7E-11			1.9E-10
Tetrachlorobiphenyl	4.5E-17					2.2E-13	8.1E-12	2.7E-14	2.7E-12			1.1E-11
Trichlorobiphenyl	5.9E-17					2.7E-13	1.1E-11	3.4E-14	3.5E-12			1.4E-11
Pesticides												
DDE				8.3E-07						7.5E-09		8.4E-07
Dieldrin		1.5E-07		1.8E-07						2.6E-12		3.3E-07
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.8E-19					6.0E-12	2.7E-10	7.5E-13	8.9E-11			3.6E-10
2,4-Dimethylphenol												

Table H-455 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	3.5E-15	5.9E-12	1.1E-10	7.0E-12	2.5E-10	1.6E-10	6.3E-09	2.0E-11	2.1E-09	5.9E-17	4.7E-15	9.0E-09
Butyl benzyl phthalate	1.2E-16	1.3E-15	2.6E-14	1.5E-15	6.2E-14							9.1E-14
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	1.9E-16					3.5E-10	6.2E-09	4.4E-11	2.1E-09			8.7E-09
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	2.5E-20							3.6E-13	1.2E-11	4.5E-14	4.0E-12	1.6E-11
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.2E-17											1.2E-17
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	2.7E-19							1.5E-11	2.6E-10	1.9E-12	8.8E-11	3.7E-10
1,2-Dichloroethane	3.8E-19							2.1E-07	9.7E-10	9.3E-09	3.2E-10	2.2E-07
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-455 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	3.9E-17					2.3E-06	9.5E-08	2.7E-08	3.2E-08			2.4E-06
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	7.0E-21					1.3E-12	2.2E-11	1.6E-13	7.5E-12			3.1E-11
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	3.4E-21					3.3E-07	8.3E-12	3.3E-08	2.8E-12			3.7E-07
Chlorobenzene												
Chlorodibromomethane	5.5E-19											5.5E-19
Chloroethane												
Chloroform	3.1E-20					3.0E-07	3.1E-10	2.0E-08	1.0E-10			3.2E-07
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	5.9E-18					1.9E-07	6.6E-09	2.2E-11	2.2E-09			2.0E-07
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	1.9E-20					6.4E-14	2.4E-12	8.1E-15	7.9E-13			3.2E-12
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.0E-22					1.1E-14	3.9E-13	1.4E-15	1.3E-13			5.4E-13
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.1E-22					7.4E-09	1.9E-13	1.3E-15	6.3E-14			7.4E-09
Trichlorofluoromethane												

Table H-455 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.2E-19					7.8E-12	1.9E-10	9.7E-13	6.3E-11			2.6E-10
Grand Total	1.2E-11	2.2E-06	5.5E-10	5.0E-06	1.3E-09	2.6E-05	1.3E-06	9.5E-08	4.5E-07	1.6E-08	5.7E-13	3.5E-05

Table H-456 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	1.5E-03	5.2E-06	5.0E-04			2.0E-03
Aldehydes												
Acetaldehyde						1.6E-04	5.8E-03	2.0E-05	1.9E-03			7.9E-03
Formaldehyde	2.3E-12					4.9E-01	2.1E-03	7.9E-06	6.9E-04			4.9E-01
Propionaldehyde						2.0E-05	7.2E-04	2.5E-06	2.4E-04	2.1E-12	1.5E-10	9.8E-04
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.5E-07	2.0E-07	5.9E-06	1.3E-06	4.3E-05	1.6E-07	1.4E-05	1.2E-10	7.8E-09	6.6E-05
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	7.7E-03	2.5E-05	2.6E-03			1.1E-02
Metals												
Aluminum				1.2E-02						1.1E-04		1.2E-02
Antimony	3.9E-14			1.9E-03								1.9E-03

Table H-456 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	9.1E-03	1.6E-13	2.1E-02	7.6E-13	4.0E-05	1.4E-03	4.9E-06	4.7E-04	3.5E-05	2.7E-15	3.2E-02
Barium	1.2E-11			1.6E-08	5.4E-07	2.5E-04	6.8E-03	3.1E-05	2.3E-03	3.1E-10	2.3E-08	9.3E-03
Beryllium	1.7E-14			5.2E-13	2.0E-11	2.1E-06	7.3E-05	2.7E-07	2.4E-05	2.6E-15	2.1E-13	9.9E-05
Cadmium	8.3E-12			8.2E-13	3.1E-11	7.6E-05	2.6E-03	9.5E-06	8.8E-04	4.0E-15	3.4E-13	3.6E-03
Chromium	1.7E-15			5.5E-11	2.2E-09							2.2E-09
Cobalt	1.1E-01			1.1E-01	3.3E-05	1.6E-03	3.0E-02	2.0E-04	9.9E-03	2.7E-04	1.8E-07	1.5E-01
Copper				8.4E-09	3.2E-07							3.3E-07
Iron				3.9E-02								3.9E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.5E-09	7.8E-08	2.8E-06	9.8E-09	9.2E-07	5.6E-15	3.8E-13	3.8E-06
Mercury, elemental						3.3E-10	1.2E-08	4.1E-11	3.8E-09	1.7E-04		1.7E-04
Methyl Mercury	8.7E-11			2.0E-11	7.9E-10							8.9E-10
Nickel	1.7E-13			2.8E-02	7.8E-12	3.9E-05	1.3E-03	4.8E-06	4.4E-04	3.0E-04	1.9E-13	3.0E-02
Phosphorus				3.7E-10	1.4E-08							1.4E-08
Selenium	5.5E-14			8.1E-15	3.1E-13	8.7E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-20	8.4E-18	4.2E-07
Silver	4.2E-14			1.7E-10	6.2E-09							6.4E-09
Thallium (Soluble Salts)				8.1E-03								8.1E-03
Titanium												
Zinc	1.4E-11			6.1E-13	2.2E-11							3.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	6.9E-14	3.1E-15	1.3E-13							2.0E-13
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	1.2E-12	5.2E-14	2.1E-12							3.4E-12
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-456 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	2.8E-13	2.8E-04	1.2E-02	3.5E-05	3.9E-03	4.9E-12	4.5E-10	1.6E-02
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	3.4E-11	1.5E-12	6.3E-11							1.1E-10
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	2.1E-03	6.2E-06	6.9E-04			2.8E-03
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.7E-10	7.6E-12	3.1E-10							5.1E-10
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.8E-10	7.8E-12	3.1E-10							6.0E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	7.2E-11	3.2E-12	1.2E-10	9.8E-10	3.9E-08	1.2E-10	1.3E-08	2.5E-15	2.1E-13	5.4E-08
Hexachlorobiphenyl	4.6E-11	1.7E-11	3.0E-10	1.4E-11	5.1E-10	4.1E-06	1.6E-04	5.1E-07	5.3E-05	1.1E-11	8.8E-10	2.2E-04
Monochlorobiphenyl	6.1E-10	6.4E-11	1.3E-09	5.4E-11	2.2E-09							4.2E-09
Nonachlorobiphenyl	1.4E-12	6.6E-13	1.0E-11	5.6E-13	1.7E-11							3.0E-11
Octachlorobiphenyl	3.4E-12	1.2E-12	2.2E-11	1.0E-12	3.7E-11							6.5E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	1.0E-09	5.1E-11	1.8E-09	4.6E-05	1.7E-03	5.7E-06	5.7E-04	1.3E-10	9.9E-09	2.3E-03
Tetrachlorobiphenyl	2.6E-11	3.5E-12	6.0E-11	3.0E-12	1.0E-10	2.3E-07	8.7E-06	2.9E-08	2.9E-06	1.5E-13	1.1E-11	1.2E-05
Trichlorobiphenyl	3.4E-11	4.3E-12	7.6E-11	3.6E-12	1.3E-10							2.5E-10
Pesticides												
DDE												
Dieldrin		5.4E-04		6.3E-04								1.2E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	4.3E-06	1.7E-08	1.4E-06			5.9E-06
1,2-dichlorobenzene	3.1E-17					5.4E-10	9.7E-09	6.8E-11	3.2E-09			1.4E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	8.5E-08	2.4E-10	2.8E-08			1.2E-07
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-456 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	3.9E-06	1.2E-08	1.3E-06			5.3E-06
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	6.0E-09	4.0E-10	1.4E-08							2.1E-08
Butyl benzyl phthalate	8.8E-13	1.6E-14	3.3E-13	1.9E-14	7.9E-13							2.0E-12
Carbazole												
Dibenzofuran		1.4E-13	2.9E-12	5.7E-13	2.3E-11							2.6E-11
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	6.7E-13	3.9E-14	1.6E-12							1.9E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	8.7E-12	1.1E-12	2.1E-11							3.1E-11
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						3.0E-02						3.0E-02
Phenol	4.9E-13					1.5E-06	6.2E-05	1.9E-07	2.1E-05			8.5E-05
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	1.0E-09	3.3E-12	3.3E-10			1.4E-09
1,1-Dichloroethene	1.2E-19					1.3E-10	2.3E-09	1.6E-11	7.7E-10			3.2E-09
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	6.4E-06	4.5E-08	2.1E-06			9.0E-06
1,2,4-Trimethylbenzene						8.9E-07	2.8E-05	1.1E-07	9.4E-06			3.9E-05
1,2-Dibromoethane	4.1E-17					7.7E-09	1.4E-07	9.6E-10	4.6E-08			1.9E-07
1,2-Dichloroethane	1.9E-15					3.3E-03	1.5E-05	1.4E-04	5.0E-06			3.4E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	2.6E-07	8.3E-10	8.7E-08			3.6E-07
2-Chlorotoluene												
2-Hexanone						2.3E-07	8.2E-06	2.8E-08	2.7E-06			1.1E-05

Table H-456 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					2.7E-02	1.1E-03	3.2E-04	3.8E-04			2.9E-02
Bromobenzene						6.2E-07	1.1E-05	7.8E-08	3.7E-06			1.5E-05
Bromochloromethane						2.2E-09	3.9E-08	2.8E-10	1.3E-08			5.5E-08
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	2.3E-05	9.5E-08	7.6E-06			3.1E-05
Carbon disulfide	1.3E-17					4.8E-09	1.4E-07	6.0E-10	4.7E-08			1.9E-07
Carbon tetrachloride	3.4E-17					1.6E-03	3.9E-08	1.5E-04	1.3E-08			1.7E-03
Chlorobenzene	2.3E-15					9.6E-08	3.4E-06	1.2E-08	1.1E-06			4.7E-06
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	3.2E-08	1.1E-10	1.1E-08			4.3E-08
Chloroform	2.8E-16					3.7E-04	3.9E-07	2.4E-05	1.3E-07			4.0E-04
Chloromethane						3.4E-07	1.0E-05	4.3E-08	3.5E-06			1.4E-05
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	9.1E-07	6.4E-09	3.0E-07			1.3E-06
Dichlorodifluoromethane	2.4E-20					2.5E-09	4.4E-08	3.1E-10	1.5E-08			6.2E-08
Ethylbenzene	1.5E-14					2.1E-04	7.4E-06	2.4E-08	2.5E-06			2.2E-04
Isopropylbenzene	2.0E-17					3.9E-08	1.3E-06	4.9E-09	4.5E-07			1.8E-06
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.1E-09	1.5E-11	7.1E-10			3.0E-09
Methylene chloride	4.3E-15					3.0E-08	1.1E-06	3.8E-09	3.7E-07			1.5E-06
n-Butylbenzene												
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07			4.2E-07
o-Xylene	1.4E-15					2.3E-07	7.6E-06	2.9E-08	2.5E-06			1.0E-05
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.9E-05	6.4E-08	6.2E-06			2.5E-05
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	1.1E-07	3.8E-10	3.5E-08			1.4E-07
Toluene	2.0E-14					6.3E-08	2.5E-06	7.9E-09	8.3E-07			3.4E-06
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.5E-03	6.5E-08	4.5E-10	2.2E-08			2.5E-03
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-456 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					5.0E-08	1.2E-06	6.2E-09	4.0E-07			1.7E-06
Grand Total	4.8E-09	9.6E-03	7.6E-07	2.2E-01	4.0E-05	5.6E-01	7.7E-02	1.0E-03	2.6E-02	8.9E-04	2.2E-07	8.9E-01

Table H-457 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			1.1E-09	1.4E-10		1.3E-09
Formaldehyde			1.5E-05	3.6E-10		1.5E-05
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD			1.2E-10	1.4E-11		1.3E-10
1,2,3,4,6,7,8-HpCDF			1.2E-10	1.5E-11		1.3E-10
1,2,3,4,7,8,9-HpCDF			1.5E-11	1.8E-12		1.7E-11
1,2,3,4,7,8-HxCDD			1.4E-10	1.7E-11		1.5E-10
1,2,3,4,7,8-HxCDF			1.1E-09	1.4E-10		1.3E-09
1,2,3,6,7,8-HxCDD			2.9E-10	3.6E-11		3.3E-10
1,2,3,6,7,8-HxCDF			3.6E-10	4.5E-11		4.1E-10
1,2,3,7,8,9-HxCDD			4.4E-10	5.5E-11		5.0E-10
1,2,3,7,8,9-HxCDF			2.8E-11	3.5E-12		3.1E-11
1,2,3,7,8-PeCDD			1.8E-09	2.2E-10		2.0E-09

Table H-457 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF			1.2E-10	1.6E-11		1.4E-10
2,3,4,6,7,8-HxCDF			5.6E-10	7.1E-11		6.4E-10
2,3,4,7,8-PeCDF			2.8E-09	3.5E-10		3.1E-09
2,3,7,8-TCDD			7.0E-10	8.8E-11		7.9E-10
2,3,7,8-TCDF			2.6E-10	3.2E-11		2.9E-10
OCDD			7.6E-13	9.5E-14		8.6E-13
OCDF			2.9E-13	3.6E-14		3.2E-13
HCN						
Hydrogen cyanide						
Metals						
Aluminum						
Antimony						
Arsenic	1.9E-07	4.5E-07	9.1E-10	1.1E-10	1.1E-10	6.5E-07
Barium						
Beryllium			3.7E-11	4.6E-12	5.4E-17	4.1E-11
Cadmium			4.9E-10	6.1E-11	6.9E-16	5.5E-10
Chromium						
Cobalt			3.2E-08	3.9E-09	4.2E-09	4.0E-08
Copper						
Iron						
Lead						
Manganese						
Mercury (+2)						

Table H-457 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental						
Nickel			3.2E-10	4.0E-11	2.5E-09	2.9E-09
Phosphorus						
Selenium						
Silver						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	2.8E-12	2.6E-12				5.4E-12
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	5.8E-09	5.2E-09	1.2E-10	1.5E-11	1.2E-11	1.1E-08
Benzo(a)pyrene	6.8E-08	6.1E-08	4.6E-10	5.8E-11	4.5E-13	1.3E-07
Benzo(b)fluoranthene	1.2E-08	1.1E-08	5.2E-11	6.4E-12	8.2E-14	2.3E-08
Benzo(e)pyrene						
Benzo(g,h,i)perylene						

Table H-457 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(k)fluoranthene	9.2E-10	8.4E-10	4.6E-13	5.7E-14	6.2E-14	1.8E-09
Biphenyl		2.3E-12				2.3E-12
Chrysene	7.1E-11	6.5E-11	2.0E-11	2.5E-12	4.8E-15	1.6E-10
Dibenze(a,h)anthracene	7.1E-13	6.5E-13	8.0E-11	9.9E-12	5.2E-18	9.1E-11
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	2.9E-09	2.7E-09	2.4E-11	3.0E-12	2.0E-14	5.7E-09
Napthalene			1.8E-09	2.3E-10		2.0E-09
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl			6.6E-13	8.3E-14		7.5E-13
Heptachlorobiphenyl			2.6E-13	3.2E-14		2.9E-13
Hexachlorobiphenyl			1.1E-12	1.4E-13		1.2E-12
Monochlorobiphenyl			4.6E-12	5.8E-13		5.2E-12
Nonachlorobiphenyl			3.7E-14	4.6E-15		4.1E-14
Octachlorobiphenyl			7.9E-14	9.9E-15		8.9E-14
Pentachlorobiphenyl			3.7E-12	4.6E-13		4.2E-12

Table H-457 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Tetrachlorobiphenyl			2.2E-13	2.7E-14		2.4E-13
Trichlorobiphenyl			2.7E-13	3.4E-14		3.1E-13
Pesticides						
Chlordecone (Kepone)	4.5E-06	5.4E-06			1.2E-10	9.9E-06
DDE		2.5E-08			2.3E-10	2.5E-08
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-Butadiene			2.3E-07			2.3E-07
1,3-dichlorobenzene						
1,4-dichlorobenzene			6.0E-12	7.5E-13		6.7E-12
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	5.9E-12	7.0E-12	1.6E-10	2.0E-11	5.9E-17	2.0E-10
Butyl benzyl phthalate	1.3E-15	1.5E-15				2.8E-15
Carbazole						

Table H-457 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			3.5E-10	4.4E-11		3.9E-10
Isopropanol						
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			3.6E-13	4.5E-14		4.0E-13
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			1.5E-11	1.9E-12		1.7E-11
1,2-Dichloroethane			2.6E-11	9.3E-09		9.3E-09
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						
2-Chlorotoluene						

Table H-457 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
2-Hexanone						
Benzene			2.4E-07	2.7E-08		2.6E-07
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			1.3E-12	1.6E-13		1.4E-12
Bromomethane						
Carbon disulfide						
Carbon tetrachloride			3.2E-07	3.3E-08		3.5E-07
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			1.8E-07	2.0E-08		2.0E-07
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			2.4E-08	2.2E-11		2.4E-08
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			6.4E-14	8.1E-15		7.3E-14
n-Butylbenzene						

Table H-457 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethene			1.1E-14	1.4E-15		1.3E-14
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			1.1E-14	1.3E-15		1.2E-14
Trichlorofluoromethane						
Vinyl chloride			7.8E-12	9.7E-13		8.8E-12
Grand Total	4.8E-06	5.9E-06	1.6E-05	9.5E-08	7.2E-09	2.7E-05

Table H-458 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			4.2E-05	5.2E-06		4.7E-05
Aldehydes						
Acetaldehyde			1.6E-04	2.0E-05		1.8E-04
Formaldehyde			3.3E-01	7.9E-06		3.3E-01
Propionaldehyde			2.0E-05	2.5E-06	2.1E-12	2.2E-05
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-458 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	5.2E-08	2.0E-07	1.3E-06	1.6E-07	1.2E-10	1.7E-06
2,3,7,8-TCDF						
OCDD						
OCDF						
HCN						
Hydrogen cyanide			2.0E-04	2.5E-05		2.2E-04
Metals						
Aluminum		1.0E-02			1.0E-04	1.0E-02
Antimony		9.4E-04				9.4E-04
Arsenic	1.2E-03	2.8E-03	4.0E-05	4.9E-06	4.6E-06	4.1E-03
Barium		1.6E-08	2.5E-04	3.1E-05	3.1E-10	2.8E-04
Beryllium		5.2E-13	2.1E-06	2.7E-07	2.6E-15	2.4E-06
Cadmium		8.2E-13	7.6E-05	9.5E-06	4.0E-15	8.5E-05
Chromium		5.5E-11				5.5E-11
Cobalt		8.8E-02	1.6E-03	2.0E-04	2.2E-04	9.0E-02
Copper		8.4E-09				8.4E-09
Iron		3.2E-02				3.2E-02
Lead						
Manganese						
Mercury (+2)		1.1E-10	7.8E-08	9.8E-09	5.6E-15	8.8E-08

Table H-458 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental			3.3E-10	4.1E-11	1.1E-02	1.1E-02
Methyl Mercury		2.0E-11				2.0E-11
Nickel		2.8E-02	3.9E-05	4.8E-06	3.0E-04	2.8E-02
Phosphorus		3.7E-10				3.7E-10
Selenium		8.1E-15	8.7E-09	1.1E-09	9.9E-20	9.8E-09
Silver		1.7E-10				1.7E-10
Titanium						
Zinc		6.1E-13				6.1E-13
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.4E-15	3.1E-15				6.5E-15
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	5.8E-14	5.2E-14				1.1E-13
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						
Benzo(e)pyrene						

Table H-458 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						
Biphenyl		6.7E-15	2.8E-04	3.5E-05	4.9E-12	3.1E-04
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	1.7E-12	1.5E-12				3.2E-12
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene			5.0E-05	6.2E-06		5.6E-05
Perylene						
Phenanthrene						
Pyrene	8.3E-12	7.6E-12				1.6E-11
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	9.3E-12	7.8E-12				1.7E-11
Heptachlorobiphenyl	3.7E-12	3.2E-12	9.8E-10	1.2E-10	2.5E-15	1.1E-09
Hexachlorobiphenyl	1.7E-11	1.4E-11	4.1E-06	5.1E-07	1.1E-11	4.6E-06
Monochlorobiphenyl	6.4E-11	5.4E-11				1.2E-10
Nonachlorobiphenyl	6.6E-13	5.6E-13				1.2E-12
Octachlorobiphenyl	1.2E-12	1.0E-12				2.2E-12

Table H-458 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Pentachlorobiphenyl	6.1E-11	5.1E-11	4.6E-05	5.7E-06	1.3E-10	5.1E-05
Tetrachlorobiphenyl	3.5E-12	3.0E-12	2.3E-07	2.9E-08	1.5E-13	2.6E-07
Trichlorobiphenyl	4.3E-12	3.6E-12				7.8E-12
Pesticides						
Chlordecone (Kepone)	4.2E-03	5.0E-03				9.2E-03
DDE						
SVOCs						
1,2,4-trichlorobenzene			1.3E-07	1.7E-08		1.5E-07
1,2-dichlorobenzene			5.4E-10	6.8E-11		6.1E-10
1,3-Butadiene			1.1E-02			1.1E-02
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.9E-09	2.4E-10		2.1E-09
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			9.3E-08	1.2E-08		1.0E-07
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-10	4.0E-10				7.4E-10
Butyl benzyl phthalate	1.6E-14	1.9E-14				3.6E-14

Table H-458 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbazole						
Dibenzofuran	1.4E-13	5.7E-13				7.1E-13
Dimethyl phthalate						
Di-n-butyl phthalate	3.3E-14	3.9E-14				7.1E-14
Di-n-octyl phthalate	9.4E-13	1.1E-12				2.1E-12
Hexachlorobutadiene						
Isopropanol			1.7E-03			1.7E-03
Phenol			1.5E-06	1.9E-07		1.7E-06
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			2.7E-11	3.3E-12		3.0E-11
1,1-Dichloroethene			1.3E-10	1.6E-11		1.5E-10
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.6E-07	4.5E-08		4.1E-07
1,2,4-Trimethylbenzene			8.9E-07	1.1E-07		1.0E-06
1,2-Dibromoethane			7.7E-09	9.6E-10		8.6E-09
1,2-Dichloroethane			4.0E-07	1.4E-04		1.4E-04
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone			6.6E-09	8.3E-10		7.4E-09

Table H-458 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
2-Chlorotoluene						
2-Hexanone			2.3E-07	2.8E-08		2.5E-07
Benzene			2.8E-03	3.2E-04		3.1E-03
Bromobenzene			6.2E-07	7.8E-08		7.0E-07
Bromochloromethane			2.2E-09	2.8E-10		2.5E-09
Bromodichloromethane						
Bromomethane			7.6E-07	9.5E-08		8.6E-07
Carbon disulfide			4.8E-09	6.0E-10		5.4E-09
Carbon tetrachloride			1.5E-03	1.5E-04		1.6E-03
Chlorobenzene			9.6E-08	1.2E-08		1.1E-07
Chlorodibromomethane						
Chloroethane			9.1E-10	1.1E-10		1.0E-09
Chloroform			2.2E-04	2.4E-05		2.5E-04
Chloromethane			3.4E-07	4.3E-08		3.9E-07
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			5.1E-08	6.4E-09		5.7E-08
Dichlorodifluoromethane			2.5E-09	3.1E-10		2.8E-09
Ethylbenzene			2.7E-05	2.4E-08		2.7E-05
Isopropylbenzene			3.9E-08	4.9E-09		4.4E-08
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.2E-10	1.5E-11		1.3E-10
Methylene chloride			3.0E-08	3.8E-09		3.4E-08

Table H-458 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene			9.4E-09	1.2E-09		1.1E-08
o-Xylene			2.3E-07	2.9E-08		2.6E-07
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			5.1E-07	6.4E-08		5.7E-07
tert-Butylbenzene						
Tetrachloroethene			3.0E-09	3.8E-10		3.4E-09
Toluene			6.3E-08	7.9E-09		7.1E-08
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			3.6E-09	4.5E-10		4.1E-09
Trichlorofluoromethane						
Vinyl chloride			5.0E-08	6.2E-09		5.6E-08
Grand Total	5.4E-03	1.7E-01	3.5E-01	1.0E-03	1.2E-02	5.3E-01

Table H-459 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.1E-09	4.1E-08	1.4E-10	1.4E-08			5.6E-08
Formaldehyde						1.5E-05	9.4E-08	3.6E-10	3.1E-08			1.5E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.9E-16					1.2E-10	4.6E-09	1.4E-11	1.5E-09			6.2E-09
1,2,3,4,6,7,8-HpCDF	1.9E-16					1.2E-10	4.6E-09	1.5E-11	1.5E-09			6.3E-09
1,2,3,4,7,8,9-HpCDF	4.1E-17					1.5E-11	6.0E-10	1.8E-12	2.0E-10			8.2E-10
1,2,3,4,7,8-HxCDD	2.9E-15					1.4E-10	5.6E-09	1.7E-11	1.9E-09			7.6E-09
1,2,3,4,7,8-HxCDF	2.1E-14					1.1E-09	4.5E-08	1.4E-10	1.5E-08			6.2E-08
1,2,3,6,7,8-HxCDD	6.3E-15					2.9E-10	1.2E-08	3.6E-11	3.9E-09			1.6E-08
1,2,3,6,7,8-HxCDF	7.8E-15					3.6E-10	1.5E-08	4.5E-11	4.9E-09			2.0E-08
1,2,3,7,8,9-HxCDD	7.4E-15					4.4E-10	1.8E-08	5.5E-11	5.9E-09			2.4E-08
1,2,3,7,8,9-HxCDF	7.7E-16					2.8E-11	1.1E-09	3.5E-12	3.8E-10			1.6E-09
1,2,3,7,8-PeCDD	2.8E-13					1.8E-09	7.2E-08	2.2E-10	2.4E-08			9.7E-08
1,2,3,7,8-PeCDF	2.0E-14					1.2E-10	5.1E-09	1.6E-11	1.7E-09			7.0E-09
2,3,4,6,7,8-HxCDF	1.2E-14					5.6E-10	2.3E-08	7.1E-11	7.5E-09			3.1E-08
2,3,4,7,8-PeCDF	3.0E-13					2.8E-09	1.1E-07	3.5E-10	3.8E-08			1.6E-07
2,3,7,8-TCDD	1.0E-13					7.0E-10	2.4E-08	8.8E-11	7.9E-09			3.2E-08
2,3,7,8-TCDF	3.6E-14					2.6E-10	1.1E-08	3.2E-11	3.6E-09			1.4E-08
OCDD	2.5E-20					7.6E-13	3.0E-11	9.5E-14	1.0E-11			4.1E-11
OCDF	9.2E-21					2.9E-13	1.1E-11	3.6E-14	3.7E-12			1.5E-11
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-459 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.1E-15	1.9E-07	4.4E-11	4.5E-07	2.1E-10	9.1E-10	3.2E-08	1.1E-10	1.1E-08	1.1E-10	1.1E-13	6.9E-07
Barium												
Beryllium						3.7E-11	1.2E-09	4.6E-12	4.1E-10	5.4E-17	4.5E-15	1.7E-09
Cadmium						4.9E-10	1.7E-08	6.1E-11	5.7E-09	6.9E-16	5.8E-14	2.3E-08
Chromium												
Cobalt						3.2E-08	5.8E-07	3.9E-09	1.9E-07	4.2E-09		8.1E-07
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.2E-10	1.1E-08	4.0E-11	3.7E-09	2.5E-09	3.9E-14	1.8E-08
Phosphorus												
Selenium												
Silver												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		2.8E-12	5.7E-11	2.6E-12	1.0E-10							1.7E-10
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.6E-12	5.8E-09	3.8E-11	5.2E-09	7.0E-11	1.2E-10	5.1E-09	1.5E-11	1.7E-09	1.2E-11	3.5E-13	1.8E-08
Benzo(a)pyrene	8.7E-12	6.8E-08	2.7E-10	6.1E-08	4.9E-10	4.6E-10	1.9E-08	5.8E-11	6.4E-09	4.5E-13	8.0E-15	1.6E-07
Benzo(b)fluoranthene	2.2E-13	1.2E-08	1.1E-12	1.1E-08	2.0E-12	5.2E-11	2.1E-09	6.4E-12	6.9E-10	8.2E-14	3.3E-17	2.6E-08
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-459 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Outdoor Vapors at CJ	Inhalation of Outdoor Vapors at Home	Grand Total
Benzo(k)fluoranthene	1.0E-16	9.2E-10		8.4E-10		4.6E-13	8.2E-12	5.7E-14	2.7E-12	6.2E-14		1.8E-09
Biphenyl				2.3E-12	9.7E-11							1.0E-10
Chrysene	2.6E-15	7.1E-11	3.1E-14	6.5E-11	5.7E-14	2.0E-11	8.3E-10	2.5E-12	2.8E-10	4.8E-15	9.3E-18	1.3E-09
Dibenze(a,h)anthracene	3.9E-13	7.1E-13	1.4E-11	6.5E-13	2.6E-11	8.0E-11	3.3E-09	9.9E-12	1.1E-09	5.2E-18	4.6E-16	4.5E-09
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.7E-13	2.9E-09	1.4E-11	2.7E-09	2.5E-11	2.4E-11	1.0E-09	3.0E-12	3.3E-10	2.0E-14	4.1E-16	7.0E-09
Napthalene						1.8E-09	7.5E-08	2.3E-10	2.5E-08			1.0E-07
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.5E-16					6.6E-13	2.7E-11	8.3E-14	9.1E-12			3.7E-11
Heptachlorobiphenyl	1.6E-16					2.6E-13	1.0E-11	3.2E-14	3.5E-12			1.4E-11
Hexachlorobiphenyl	6.5E-16					1.1E-12	4.2E-11	1.4E-13	1.4E-11			5.7E-11
Monochlorobiphenyl	1.1E-15					4.6E-12	1.9E-10	5.8E-13	6.3E-11			2.6E-10
Nonachlorobiphenyl	2.0E-17					3.7E-14	1.3E-12	4.6E-15	4.3E-13			1.8E-12
Octachlorobiphenyl	4.8E-17					7.9E-14	3.1E-12	9.9E-15	1.0E-12			4.2E-12
Pentachlorobiphenyl	2.2E-15					3.7E-12	1.4E-10	4.6E-13	4.7E-11			1.9E-10
Tetrachlorobiphenyl	4.5E-17					2.2E-13	8.1E-12	2.7E-14	2.7E-12			1.1E-11
Trichlorobiphenyl	5.9E-17					2.7E-13	1.1E-11	3.4E-14	3.5E-12			1.4E-11
Pesticides												
Chlordecone (Kepone)		4.5E-06		5.4E-06						1.2E-10		9.9E-06
DDE				2.5E-08						2.3E-10		2.5E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene						2.3E-07						2.3E-07
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.8E-19					6.0E-12	2.7E-10	7.5E-13	8.9E-11			3.6E-10
2,4-Dimethylphenol												

Table H-459 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	3.5E-15	5.9E-12	1.1E-10	7.0E-12	2.5E-10	1.6E-10	6.3E-09	2.0E-11	2.1E-09	5.9E-17	4.7E-15	9.0E-09
Butyl benzyl phthalate	1.2E-16	1.3E-15	2.6E-14	1.5E-15	6.2E-14							9.1E-14
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	1.9E-16					3.5E-10	6.2E-09	4.4E-11	2.1E-09			8.7E-09
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	2.5E-20							3.6E-13	1.2E-11	4.5E-14	4.0E-12	1.6E-11
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.2E-17											1.2E-17
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	2.7E-19							1.5E-11	2.6E-10	1.9E-12	8.8E-11	3.7E-10
1,2-Dichloroethane	3.8E-19							2.6E-11	9.7E-10	9.3E-09	3.2E-10	1.1E-08
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-459 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	3.9E-17					2.4E-07	9.5E-08	2.7E-08	3.2E-08			3.9E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	7.0E-21					1.3E-12	2.2E-11	1.6E-13	7.5E-12			3.1E-11
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	3.4E-21					3.2E-07	8.3E-12	3.3E-08	2.8E-12			3.5E-07
Chlorobenzene												
Chlorodibromomethane	5.5E-19											5.5E-19
Chloroethane												
Chloroform	3.1E-20					1.8E-07	3.1E-10	2.0E-08	1.0E-10			2.0E-07
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	5.9E-18					2.4E-08	6.6E-09	2.2E-11	2.2E-09			3.3E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	1.9E-20					6.4E-14	2.4E-12	8.1E-15	7.9E-13			3.2E-12
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.0E-22					1.1E-14	3.9E-13	1.4E-15	1.3E-13			5.4E-13
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.1E-22					1.1E-14	1.9E-13	1.3E-15	6.3E-14			2.6E-13
Trichlorofluoromethane												

Table H-459 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.2E-19					7.8E-12	1.9E-10	9.7E-13	6.3E-11			2.6E-10
Grand Total	1.2E-11	4.8E-06	5.5E-10	5.9E-06	1.3E-09	1.6E-05	1.3E-06	9.5E-08	4.5E-07	7.2E-09	5.7E-13	2.9E-05

Table H-460 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	1.5E-03	5.2E-06	5.0E-04			2.0E-03
Aldehydes												
Acetaldehyde						1.6E-04	5.8E-03	2.0E-05	1.9E-03			7.9E-03
Formaldehyde	2.3E-12					3.3E-01	2.1E-03	7.9E-06	6.9E-04			3.3E-01
Propionaldehyde						2.0E-05	7.2E-04	2.5E-06	2.4E-04	2.1E-12	1.5E-10	9.8E-04
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.5E-07	2.0E-07	5.9E-06	1.3E-06	4.3E-05	1.6E-07	1.4E-05	1.2E-10	7.8E-09	6.6E-05
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	7.7E-03	2.5E-05	2.6E-03			1.1E-02
Metals												
Aluminum				1.0E-02						1.0E-04		1.0E-02
Antimony	3.9E-14			9.4E-04								9.4E-04

Table H-460 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	1.2E-03	1.6E-13	2.8E-03	7.6E-13	4.0E-05	1.4E-03	4.9E-06	4.7E-04	4.6E-06	2.7E-15	5.9E-03
Barium	1.2E-11			1.6E-08	5.4E-07	2.5E-04	6.8E-03	3.1E-05	2.3E-03	3.1E-10	2.3E-08	9.3E-03
Beryllium	1.7E-14			5.2E-13	2.0E-11	2.1E-06	7.3E-05	2.7E-07	2.4E-05	2.6E-15	2.1E-13	9.9E-05
Cadmium	8.3E-12			8.2E-13	3.1E-11	7.6E-05	2.6E-03	9.5E-06	8.8E-04	4.0E-15	3.4E-13	3.6E-03
Chromium	1.7E-15			5.5E-11	2.2E-09							2.2E-09
Cobalt				8.8E-02	3.3E-05	1.6E-03	3.0E-02	2.0E-04	9.9E-03	2.2E-04	1.8E-07	1.3E-01
Copper				8.4E-09	3.2E-07							3.3E-07
Iron				3.2E-02								3.2E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.5E-09	7.8E-08	2.8E-06	9.8E-09	9.2E-07	5.6E-15	3.8E-13	3.8E-06
Mercury, elemental						3.3E-10	1.2E-08	4.1E-11	3.8E-09	1.1E-02		1.1E-02
Methyl Mercury	8.7E-11			2.0E-11	7.9E-10							8.9E-10
Nickel	1.7E-13			2.8E-02	7.8E-12	3.9E-05	1.3E-03	4.8E-06	4.4E-04	3.0E-04	1.9E-13	3.0E-02
Phosphorus				3.7E-10	1.4E-08							1.4E-08
Selenium	5.5E-14			8.1E-15	3.1E-13	8.7E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-20	8.4E-18	4.2E-07
Silver	4.2E-14			1.7E-10	6.2E-09							6.4E-09
Titanium												
Zinc	1.4E-11			6.1E-13	2.2E-11							3.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	6.9E-14	3.1E-15	1.3E-13							2.0E-13
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	1.2E-12	5.2E-14	2.1E-12							3.4E-12
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-460 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	2.8E-13	2.8E-04	1.2E-02	3.5E-05	3.9E-03	4.9E-12	4.5E-10	1.6E-02
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	3.4E-11	1.5E-12	6.3E-11							1.1E-10
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	2.1E-03	6.2E-06	6.9E-04			2.8E-03
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.7E-10	7.6E-12	3.1E-10							5.1E-10
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.8E-10	7.8E-12	3.1E-10							6.0E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	7.2E-11	3.2E-12	1.2E-10	9.8E-10	3.9E-08	1.2E-10	1.3E-08	2.5E-15	2.1E-13	5.4E-08
Hexachlorobiphenyl	4.6E-11	1.7E-11	3.0E-10	1.4E-11	5.1E-10	4.1E-06	1.6E-04	5.1E-07	5.3E-05	1.1E-11	8.8E-10	2.2E-04
Monochlorobiphenyl	6.1E-10	6.4E-11	1.3E-09	5.4E-11	2.2E-09							4.2E-09
Nonachlorobiphenyl	1.4E-12	6.6E-13	1.0E-11	5.6E-13	1.7E-11							3.0E-11
Octachlorobiphenyl	3.4E-12	1.2E-12	2.2E-11	1.0E-12	3.7E-11							6.5E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	1.0E-09	5.1E-11	1.8E-09	4.6E-05	1.7E-03	5.7E-06	5.7E-04	1.3E-10	9.9E-09	2.3E-03
Tetrachlorobiphenyl	2.6E-11	3.5E-12	6.0E-11	3.0E-12	1.0E-10	2.3E-07	8.7E-06	2.9E-08	2.9E-06	1.5E-13	1.1E-11	1.2E-05
Trichlorobiphenyl	3.4E-11	4.3E-12	7.6E-11	3.6E-12	1.3E-10							2.5E-10
Pesticides												
Chlordecone (Kepone)		4.2E-03		5.0E-03								9.2E-03
DDE												
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	4.3E-06	1.7E-08	1.4E-06			5.9E-06
1,2-dichlorobenzene	3.1E-17					5.4E-10	9.7E-09	6.8E-11	3.2E-09			1.4E-08
1,3-Butadiene						1.1E-02						1.1E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	8.5E-08	2.4E-10	2.8E-08			1.2E-07
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-460 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	3.9E-06	1.2E-08	1.3E-06			5.3E-06
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	6.0E-09	4.0E-10	1.4E-08							2.1E-08
Butyl benzyl phthalate	8.8E-13	1.6E-14	3.3E-13	1.9E-14	7.9E-13							2.0E-12
Carbazole												
Dibenzofuran		1.4E-13	2.9E-12	5.7E-13	2.3E-11							2.6E-11
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	6.7E-13	3.9E-14	1.6E-12							1.9E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	8.7E-12	1.1E-12	2.1E-11							3.1E-11
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol								1.7E-03				1.7E-03
Phenol	4.9E-13					1.5E-06	6.2E-05	1.9E-07	2.1E-05			8.5E-05
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	1.0E-09	3.3E-12	3.3E-10			1.4E-09
1,1-Dichloroethene	1.2E-19					1.3E-10	2.3E-09	1.6E-11	7.7E-10			3.2E-09
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	6.4E-06	4.5E-08	2.1E-06			9.0E-06
1,2,4-Trimethylbenzene						8.9E-07	2.8E-05	1.1E-07	9.4E-06			3.9E-05
1,2-Dibromoethane	4.1E-17					7.7E-09	1.4E-07	9.6E-10	4.6E-08			1.9E-07
1,2-Dichloroethane	1.9E-15					4.0E-07	1.5E-05	1.4E-04	5.0E-06			1.6E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	2.6E-07	8.3E-10	8.7E-08			3.6E-07
2-Chlorotoluene												
2-Hexanone						2.3E-07	8.2E-06	2.8E-08	2.7E-06			1.1E-05

Table H-460 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					2.8E-03	1.1E-03	3.2E-04	3.8E-04			4.7E-03
Bromobenzene						6.2E-07	1.1E-05	7.8E-08	3.7E-06			1.5E-05
Bromochloromethane						2.2E-09	3.9E-08	2.8E-10	1.3E-08			5.5E-08
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	2.3E-05	9.5E-08	7.6E-06			3.1E-05
Carbon disulfide	1.3E-17					4.8E-09	1.4E-07	6.0E-10	4.7E-08			1.9E-07
Carbon tetrachloride	3.4E-17					1.5E-03	3.9E-08	1.5E-04	1.3E-08			1.6E-03
Chlorobenzene	2.3E-15					9.6E-08	3.4E-06	1.2E-08	1.1E-06			4.7E-06
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	3.2E-08	1.1E-10	1.1E-08			4.3E-08
Chloroform	2.8E-16					2.2E-04	3.9E-07	2.4E-05	1.3E-07			2.5E-04
Chloromethane						3.4E-07	1.0E-05	4.3E-08	3.5E-06			1.4E-05
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	9.1E-07	6.4E-09	3.0E-07			1.3E-06
Dichlorodifluoromethane	2.4E-20					2.5E-09	4.4E-08	3.1E-10	1.5E-08			6.2E-08
Ethylbenzene	1.5E-14					2.7E-05	7.4E-06	2.4E-08	2.5E-06			3.7E-05
Isopropylbenzene	2.0E-17					3.9E-08	1.3E-06	4.9E-09	4.5E-07			1.8E-06
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.1E-09	1.5E-11	7.1E-10			3.0E-09
Methylene chloride	4.3E-15					3.0E-08	1.1E-06	3.8E-09	3.7E-07			1.5E-06
n-Butylbenzene												
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07			4.2E-07
o-Xylene	1.4E-15					2.3E-07	7.6E-06	2.9E-08	2.5E-06			1.0E-05
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.9E-05	6.4E-08	6.2E-06			2.5E-05
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	1.1E-07	3.8E-10	3.5E-08			1.4E-07
Toluene	2.0E-14					6.3E-08	2.5E-06	7.9E-09	8.3E-07			3.4E-06
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					3.6E-09	6.5E-08	4.5E-10	2.2E-08			9.0E-08
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-460 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					5.0E-08	1.2E-06	6.2E-09	4.0E-07			1.7E-06
Grand Total	4.8E-09	5.4E-03	7.6E-07	1.7E-01	4.0E-05	3.5E-01	7.7E-02	1.0E-03	2.6E-02	1.2E-02	2.2E-07	6.3E-01

Table H-461 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal				Inhalation of		Grand Total
	Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Particulate/Vapors Outdoors		
Acid Gas							
Hydrogen Chloride							
Aldehydes							
Acetaldehyde			3.7E-08	4.7E-09			4.2E-08
Formaldehyde			8.3E-08	1.0E-08			9.3E-08
Propionaldehyde							
CO							
Carbon monoxide							
CO2							
Carbon dioxide							
Criteria							
Sulfur Dioxide							
DIOXINS							
1,2,3,4,6,7,8-HpCDD			4.4E-09	5.5E-10			4.9E-09
1,2,3,4,6,7,8-HpCDF			4.4E-09	5.5E-10			4.9E-09
1,2,3,4,7,8,9-HpCDF			5.8E-10	7.2E-11			6.5E-10
1,2,3,4,7,8-HxCDD			5.4E-09	6.7E-10			6.0E-09
1,2,3,4,7,8-HxCDF			4.4E-08	5.4E-09			4.9E-08
1,2,3,6,7,8-HxCDD			1.1E-08	1.4E-09			1.3E-08
1,2,3,6,7,8-HxCDF			1.4E-08	1.8E-09			1.6E-08
1,2,3,7,8,9-HxCDD			1.7E-08	2.1E-09			1.9E-08
1,2,3,7,8,9-HxCDF			1.1E-09	1.4E-10			1.2E-09
1,2,3,7,8-PeCDD			6.9E-08	8.6E-09			7.8E-08

Table H-461 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF			4.9E-09	6.2E-10		5.5E-09
2,3,4,6,7,8-HxCDF			2.2E-08	2.7E-09		2.4E-08
2,3,4,7,8-PeCDF			1.1E-07	1.4E-08		1.2E-07
2,3,7,8-TCDD			2.1E-08	2.6E-09		2.3E-08
2,3,7,8-TCDF			1.0E-08	1.3E-09		1.2E-08
OCDD			2.9E-11	3.6E-12		3.2E-11
OCDF			1.1E-11	1.3E-12		1.2E-11
HCN						
Hydrogen cyanide						
Metals						
Antimony						
Arsenic	5.4E-11	1.3E-10	2.9E-08	3.7E-09	3.0E-14	3.3E-08
Barium						
Beryllium			1.1E-09	1.4E-10	1.2E-15	1.2E-09
Cadmium			1.5E-08	1.9E-09	1.6E-14	1.7E-08
Chromium						
Cobalt			3.0E-07	3.8E-08		3.4E-07
Copper						
Lead						
Manganese						
Mercury (+2)						
Mercury, elemental						
Nickel			1.0E-08	1.3E-09	1.1E-14	1.1E-08

Table H-461 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Phosphorus						
Selenium						
Silver						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	9.4E-11	8.5E-11				1.8E-10
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	6.5E-11	5.9E-11	5.0E-09	6.3E-10	1.3E-13	5.8E-09
Benzo(a)pyrene	4.4E-10	4.0E-10	1.9E-08	2.3E-09	3.0E-15	2.2E-08
Benzo(b)fluoranthene	1.8E-12	1.6E-12	2.0E-09	2.5E-10	1.2E-17	2.2E-09
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene			3.9E-12	4.9E-13		4.4E-12
Biphenyl		8.0E-11				8.0E-11

Table H-461 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Chrysene	5.1E-14	4.7E-14	8.1E-10	1.0E-10	3.5E-18	9.1E-10
Dibenze(a,h)anthracene	2.3E-11	2.1E-11	3.2E-09	4.0E-10	1.7E-16	3.6E-09
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	2.2E-11	2.0E-11	9.7E-10	1.2E-10	1.5E-16	1.1E-09
Napthalene			7.3E-08	9.1E-09		8.2E-08
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl			2.6E-11	3.3E-12		3.0E-11
Heptachlorobiphenyl			1.0E-11	1.3E-12		1.1E-11
Hexachlorobiphenyl			4.0E-11	5.0E-12		4.5E-11
Monochlorobiphenyl			1.8E-10	2.3E-11		2.1E-10
Nonachlorobiphenyl			1.2E-12	1.5E-13		1.3E-12
Octachlorobiphenyl			2.9E-12	3.7E-13		3.3E-12
Pentachlorobiphenyl			1.3E-10	1.6E-11		1.5E-10
Tetrachlorobiphenyl			7.5E-12	9.4E-13		8.5E-12
Trichlorobiphenyl			1.0E-11	1.2E-12		1.1E-11

Table H-461 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-dichlorobenzene						
1,4-dichlorobenzene			2.7E-10	3.3E-11		3.0E-10
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	1.7E-10	2.0E-10	6.0E-09	7.5E-10	1.6E-15	7.1E-09
Butyl benzyl phthalate	4.3E-14	5.1E-14				9.3E-14
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			3.1E-09	3.9E-10		3.5E-09
Phenol						

Table H-461 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			1.1E-11	1.3E-12		1.2E-11
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			1.3E-10	1.6E-11		1.5E-10
1,2-Dichloroethane			9.1E-10	1.1E-10		1.0E-09
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						
2-Chlorotoluene						
2-Hexanone						
Benzene			9.0E-08	1.1E-08		1.0E-07
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			1.1E-11	1.4E-12		1.3E-11
Bromomethane						
Carbon disulfide						

Table H-461 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbon tetrachloride			4.1E-12	5.2E-13		4.7E-12
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			1.8E-10	2.2E-11		2.0E-10
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			6.2E-09	7.7E-10		6.9E-09
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			2.2E-12	2.7E-13		2.5E-12
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						

Table H-461 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Tetrachloroethene			3.5E-13	4.4E-14		4.0E-13
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			9.4E-14	1.2E-14		1.1E-13
Trichlorofluoromethane						
Vinyl chloride			1.4E-10	1.7E-11		1.5E-10
Grand Total	8.7E-10	9.9E-10	1.0E-06	1.3E-07	2.0E-13	1.2E-06

Table H-462 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			1.4E-03	1.7E-04		1.5E-03
Aldehydes						
Acetaldehyde			5.3E-03	6.6E-04		5.9E-03
Formaldehyde			1.8E-03	2.3E-04		2.1E-03
Propionaldehyde			6.6E-04	8.2E-05	4.9E-11	7.4E-04
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-462 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	1.0E-06	4.1E-06	3.8E-05	4.8E-06	2.4E-09	4.8E-05
2,3,7,8-TCDF						
OCDD						
OCDF						
HCN						
Hydrogen cyanide			7.3E-03	9.1E-04		8.2E-03
Metals						
Antimony						
Arsenic	2.0E-13	4.6E-13	1.3E-03	1.6E-04	7.6E-16	1.4E-03
Barium		2.7E-07	5.3E-03	6.6E-04	5.2E-09	6.0E-03
Beryllium		1.2E-11	6.5E-05	8.1E-06	5.7E-14	7.3E-05
Cadmium		1.9E-11	2.4E-03	3.0E-04	9.3E-14	2.7E-03
Chromium		1.3E-09				1.3E-09
Cobalt		1.3E-05	1.6E-02	2.0E-03	3.3E-08	1.8E-02
Copper		1.9E-07				1.9E-07
Lead						
Manganese						
Mercury (+2)		2.5E-09	2.5E-06	3.1E-07	1.2E-13	2.8E-06
Mercury, elemental			1.0E-08	1.3E-09		1.2E-08
Methyl Mercury		4.8E-10				4.8E-10

Table H-462 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Nickel		4.6E-12	1.2E-03	1.5E-04	5.1E-14	1.3E-03
Phosphorus		7.9E-09				7.9E-09
Selenium		1.9E-13	2.8E-07	3.4E-08	2.3E-18	3.1E-07
Silver		3.6E-09				3.6E-09
Titanium						
Zinc		1.1E-11				1.1E-11
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	1.1E-13	1.0E-13				2.2E-13
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	1.9E-12	1.8E-12				3.7E-12
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						

Table H-462 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Biphenyl		2.3E-13	1.1E-02	1.4E-03	1.7E-10	1.3E-02
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	5.6E-11	5.1E-11				1.1E-10
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene			2.0E-03	2.5E-04		2.3E-03
Perylene						
Phenanthrene						
Pyrene	2.8E-10	2.6E-10				5.4E-10
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	3.0E-10	2.5E-10				5.5E-10
Heptachlorobiphenyl	1.2E-10	9.8E-11	3.8E-08	4.7E-09	7.6E-14	4.3E-08
Hexachlorobiphenyl	4.7E-10	4.0E-10	1.5E-04	1.9E-05	3.1E-10	1.7E-04
Monochlorobiphenyl	2.1E-09	1.8E-09				3.8E-09
Nonachlorobiphenyl	1.5E-11	1.2E-11				2.7E-11
Octachlorobiphenyl	3.5E-11	2.9E-11				6.4E-11
Pentachlorobiphenyl	1.6E-09	1.3E-09	1.6E-03	2.0E-04	3.4E-09	1.8E-03
Tetrachlorobiphenyl	9.0E-11	7.6E-11	8.1E-06	1.0E-06	3.8E-12	9.1E-06

Table H-462 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Trichlorobiphenyl	1.2E-10	9.9E-11				2.2E-10
SVOCs						
1,2,4-trichlorobenzene			3.8E-06	4.7E-07		4.2E-06
1,2-dichlorobenzene			4.8E-09	6.0E-10		5.4E-09
1,3-dichlorobenzene						
1,4-dichlorobenzene			8.5E-08	1.1E-08		9.5E-08
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			3.8E-06	4.8E-07		4.3E-06
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	9.4E-09	1.1E-08				2.0E-08
Butyl benzyl phthalate	5.4E-13	6.4E-13				1.2E-12
Carbazole						
Dibenzofuran	4.6E-12	1.8E-11				2.3E-11
Dimethyl phthalate						
Di-n-butyl phthalate	1.1E-12	1.3E-12				2.4E-12
Di-n-octyl phthalate	7.7E-12	9.0E-12				1.7E-11
Hexachlorobutadiene						

Table H-462 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Phenol			6.0E-05	7.6E-06		6.8E-05
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			9.3E-10	1.2E-10		1.0E-09
1,1-Dichloroethene			1.2E-09	1.4E-10		1.3E-09
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.2E-06	4.0E-07		3.6E-06
1,2,4-Trimethylbenzene			2.4E-05	3.0E-06		2.7E-05
1,2-Dibromoethane			6.8E-08	8.5E-09		7.7E-08
1,2-Dichloroethane			1.4E-05	1.7E-06		1.6E-05
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone			2.5E-07	3.1E-08		2.8E-07
2-Chlorotoluene						
2-Hexanone			7.5E-06	9.4E-07		8.5E-06
Benzene			1.1E-03	1.3E-04		1.2E-03
Bromobenzene			5.5E-06	6.9E-07		6.2E-06
Bromochloromethane			2.0E-08	2.4E-09		2.2E-08
Bromodichloromethane						
Bromomethane			1.9E-05	2.4E-06		2.2E-05

Table H-462 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Carbon disulfide			1.1E-07	1.4E-08		1.3E-07
Carbon tetrachloride			1.9E-08	2.4E-09		2.2E-08
Chlorobenzene			3.1E-06	3.9E-07		3.5E-06
Chlorodibromomethane						
Chloroethane			2.9E-08	3.6E-09		3.2E-08
Chloroform			2.2E-07	2.8E-08		2.5E-07
Chloromethane			8.7E-06	1.1E-06		9.8E-06
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			4.5E-07	5.6E-08		5.1E-07
Dichlorodifluoromethane			2.2E-08	2.8E-09		2.5E-08
Ethylbenzene			6.9E-06	8.6E-07		7.8E-06
Isopropylbenzene			1.2E-06	1.5E-07		1.4E-06
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.1E-09	1.3E-10		1.2E-09
Methylene chloride			1.0E-06	1.3E-07		1.2E-06
n-Butylbenzene						
n-Propylbenzene			2.7E-07	3.4E-08		3.0E-07
o-Xylene			6.7E-06	8.4E-07		7.6E-06
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			1.7E-05	2.1E-06		1.9E-05

Table H-462 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
tert-Butylbenzene						
Tetrachloroethene			9.5E-08	1.2E-08		1.1E-07
Toluene			2.4E-06	2.9E-07		2.7E-06
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			3.2E-08	4.0E-09		3.6E-08
Trichlorofluoromethane						
Vinyl chloride			8.6E-07	1.1E-07		9.7E-07
Grand Total	1.0E-06	1.8E-05	5.9E-02	7.4E-03	4.5E-08	6.6E-02

Table H-463 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas							
Hydrogen Chloride							
Aldehydes							
Acetaldehyde				5.6E-08	1.9E-08		7.4E-08
Formaldehyde				1.3E-07	4.3E-08		1.7E-07
Propionaldehyde							
CO							
Carbon monoxide							
CO2							
Carbon dioxide							
Criteria							
Sulfur Dioxide							
DIOXINS							
1,2,3,4,6,7,8-HpCDD	1.9E-16			6.3E-09	2.1E-09		8.3E-09
1,2,3,4,6,7,8-HpCDF	1.9E-16			6.3E-09	2.1E-09		8.4E-09
1,2,3,4,7,8,9-HpCDF	4.1E-17			8.2E-10	2.7E-10		1.1E-09
1,2,3,4,7,8-HxCDD	2.9E-15			7.6E-09	2.5E-09		1.0E-08
1,2,3,4,7,8-HxCDF	2.1E-14			6.2E-08	2.1E-08		8.2E-08
1,2,3,6,7,8-HxCDD	6.3E-15			1.6E-08	5.4E-09		2.1E-08
1,2,3,6,7,8-HxCDF	7.8E-15			2.0E-08	6.7E-09		2.7E-08
1,2,3,7,8,9-HxCDD	7.4E-15			2.4E-08	8.1E-09		3.2E-08
1,2,3,7,8,9-HxCDF	7.7E-16			1.6E-09	5.2E-10		2.1E-09
1,2,3,7,8-PeCDD	2.8E-13			9.8E-08	3.3E-08		1.3E-07

Table H-463 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
1,2,3,7,8-PeCDF	2.0E-14			7.0E-09	2.3E-09		9.3E-09
2,3,4,6,7,8-HxCDF	1.2E-14			3.1E-08	1.0E-08		4.1E-08
2,3,4,7,8-PeCDF	3.0E-13			1.6E-07	5.2E-08		2.1E-07
2,3,7,8-TCDD	1.0E-13			3.2E-08	1.1E-08		4.3E-08
2,3,7,8-TCDF	3.6E-14			1.5E-08	4.8E-09		1.9E-08
OCDD	2.5E-20			4.1E-11	1.4E-11		5.5E-11
OCDF	9.2E-21			1.5E-11	5.1E-12		2.0E-11
HCN							
Hydrogen cyanide							
Metals							
Antimony							
Arsenic	1.1E-15	4.4E-11	2.1E-10	4.4E-08	1.5E-08	1.5E-13	5.9E-08
Barium							
Beryllium				1.7E-09	5.7E-10	6.1E-15	2.3E-09
Cadmium				2.3E-08	7.7E-09	7.9E-14	3.1E-08
Chromium							
Cobalt				7.8E-07	2.6E-07		1.0E-06
Copper							
Lead							
Manganese							
Mercury (+2)							
Mercury, elemental							
Methyl Mercury							

Table H-463 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Nickel				1.5E-08	5.0E-09	5.3E-14	2.0E-08
Phosphorus							
Selenium							
Silver							
Titanium							
Zinc							
NOx							
NOx (Oxides of Nitrogen)							
PAHs							
1-Methylnaphthalene		5.7E-11	1.0E-10				1.6E-10
1-Methylphenanthrene							
2,3,5-Trimethylnaphthalene							
2,6-Dimethylnaphthalene							
2-Methylnaphthalene							
Acenaphthylene							
Acenaphthene							
Anthracene							
Benzo(a)anthracene	1.6E-12	3.8E-11	7.0E-11	6.9E-09	2.3E-09	4.8E-13	9.4E-09
Benzo(a)pyrene	8.7E-12	2.7E-10	4.9E-10	2.6E-08	8.8E-09	1.1E-14	3.6E-08
Benzo(b)fluoranthene	2.2E-13	1.1E-12	2.0E-12	2.8E-09	9.4E-10	4.5E-17	3.8E-09
Benzo(e)pyrene							
Benzo(g,h,i)perylene							
Benzo(k)fluoranthene	1.0E-16			1.1E-11	3.7E-12		1.5E-11

Table H-463 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Biphenyl			9.7E-11				9.7E-11
Chrysene	2.6E-15	3.1E-14	5.7E-14	1.1E-09	3.8E-10	1.3E-17	1.5E-09
Dibenze(a,h)anthracene	3.9E-13	1.4E-11	2.6E-11	4.5E-09	1.5E-09	6.3E-16	6.0E-09
Fluoranthene							
Fluorene							
Indeno(1,2,3-cd)pyrene	1.7E-13	1.4E-11	2.5E-11	1.4E-09	4.5E-10	5.5E-16	1.9E-09
Napthalene				1.0E-07	3.4E-08		1.4E-07
Perylene							
Phenanthrene							
Pyrene							
Particulate							
Particulate Total Suspended Particulate							
PM<10							
PM<2.5							
PCBs							
Dichlorobiphenyl	1.5E-16			3.7E-11	1.2E-11		4.9E-11
Heptachlorobiphenyl	1.6E-16			1.4E-11	4.7E-12		1.9E-11
Hexachlorobiphenyl	6.5E-16			5.8E-11	1.9E-11		7.7E-11
Monochlorobiphenyl	1.1E-15			2.6E-10	8.6E-11		3.5E-10
Nonachlorobiphenyl	2.0E-17			1.8E-12	5.9E-13		2.4E-12
Octachlorobiphenyl	4.8E-17			4.2E-12	1.4E-12		5.6E-12
Pentachlorobiphenyl	2.2E-15			1.9E-10	6.4E-11		2.6E-10
Tetrachlorobiphenyl	4.5E-17			1.1E-11	3.7E-12		1.5E-11

Table H-463 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Trichlorobiphenyl	5.9E-17			1.4E-11	4.8E-12		1.9E-11
SVOCs							
1,2,4-trichlorobenzene							
1,2-dichlorobenzene							
1,3-dichlorobenzene							
1,4-dichlorobenzene	1.8E-19			3.6E-10	1.2E-10		4.9E-10
2,4-Dimethylphenol							
2-Chlorophenol							
2-Methylphenol							
2-Nitrophenol							
3-Methylphenol & 4-Methylphenol							
4-Nitrophenol							
Acetophenone							
Benzoic acid							
Benzyl alcohol							
bis(2-Ethylhexyl) phthalate	3.5E-15	1.1E-10	2.5E-10	8.7E-09	2.9E-09	6.4E-15	1.2E-08
Butyl benzyl phthalate	1.2E-16	2.6E-14	6.2E-14				8.8E-14
Carbazole							
Dibenzofuran							
Dimethyl phthalate							
Di-n-butyl phthalate							
Di-n-octyl phthalate							
Hexachlorobutadiene	1.9E-16			8.5E-09	2.8E-09		1.1E-08

Table H-463 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Phenol							
Pyridine							
TRS							
Total Reduced Sulfur							
VOCs							
1,1,1,2-Tetrachloroethane	2.5E-20			1.6E-11	5.5E-12		2.2E-11
1,1,1-Trichloroethane							
1,1-Dichloroethene							
1,2,3-Trichlorobenzene							
1,2,3-Trichloropropane	1.2E-17						1.2E-17
1,2,4-Trimethylbenzene							
1,2-Dibromoethane	2.7E-19			3.6E-10	1.2E-10		4.8E-10
1,2-Dichloroethane	3.8E-19			1.3E-09	4.4E-10		1.8E-09
1,3,5-Trimethylbenzene							
1,3-Dichloropropane							
2-Butanone							
2-Chlorotoluene							
2-Hexanone							
Benzene	3.9E-17			1.3E-07	4.3E-08		1.7E-07
Bromobenzene							
Bromochloromethane							
Bromodichloromethane	7.0E-21			3.1E-11	1.0E-11		4.1E-11
Bromomethane							

Table H-463 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Carbon disulfide							
Carbon tetrachloride	3.4E-21			1.1E-11	3.8E-12		1.5E-11
Chlorobenzene							
Chlorodibromomethane	5.5E-19						5.5E-19
Chloroethane							
Chloroform	3.1E-20			4.3E-10	1.4E-10		5.7E-10
Chloromethane							
cis-1,2-Dichloroethene							
cis-1,3-Dichloropropene							
Dibromomethane							
Dichlorodifluoromethane							
Ethylbenzene	5.9E-18			9.0E-09	3.0E-09		1.2E-08
Isopropylbenzene							
m&p-Xylene							
Methyl Isobutyl Ketone (4-methyl-2							
Methylene chloride	1.9E-20			3.2E-12	1.1E-12		4.3E-12
n-Butylbenzene							
n-Propylbenzene							
o-Xylene							
p-Chlorotoluene							
p-Isopropyltoluene							
sec-Butylbenzene							
Styrene							

Table H-463 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
tert-Butylbenzene							
Tetrachloroethene	5.0E-22			5.3E-13	1.8E-13		7.1E-13
Toluene							
trans-1,2-Dichloroethene							
trans-1,3-Dichloropropene							
Trichloroethene	1.1E-22			2.6E-13	8.6E-14		3.4E-13
Trichlorofluoromethane							
Vinyl chloride	1.2E-19			2.6E-10	8.6E-11		3.4E-10
Grand Total	1.2E-11	5.5E-10	1.3E-09	1.8E-06	6.1E-07	7.8E-13	2.5E-06

Table H-464 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas							
Hydrogen Chloride				2.0E-03	6.8E-04		2.7E-03
Aldehydes							
Acetaldehyde				7.9E-03	2.6E-03		1.0E-02
Formaldehyde	2.3E-12			2.8E-03	9.4E-04		3.8E-03
Propionaldehyde				9.8E-04	3.3E-04	2.0E-10	1.3E-03
CO							
Carbon monoxide							
CO2							
Carbon dioxide							
Criteria							
Sulfur Dioxide							
DIOXINS							
1,2,3,4,6,7,8-HpCDD							
1,2,3,4,6,7,8-HpCDF							
1,2,3,4,7,8,9-HpCDF							
1,2,3,4,7,8-HxCDD							
1,2,3,4,7,8-HxCDF							
1,2,3,6,7,8-HxCDD							
1,2,3,6,7,8-HxCDF							
1,2,3,7,8,9-HxCDD							
1,2,3,7,8,9-HxCDF							
1,2,3,7,8-PeCDD							

Table H-464 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
1,2,3,7,8-PeCDF							
2,3,4,6,7,8-HxCDF							
2,3,4,7,8-PeCDF							
2,3,7,8-TCDD	3.6E-09	7.5E-07	5.9E-06	5.9E-05	2.0E-05	1.1E-08	8.6E-05
2,3,7,8-TCDF							
OCDD							
OCDF							
HCN							
Hydrogen cyanide				1.1E-02	3.5E-03		1.4E-02
Metals							
Antimony	3.9E-14						3.9E-14
Arsenic	2.7E-12	1.6E-13	7.6E-13	1.9E-03	6.4E-04	3.7E-15	2.5E-03
Barium	1.2E-11		5.4E-07	9.2E-03	3.1E-03	3.2E-08	1.2E-02
Beryllium	1.7E-14		2.0E-11	9.9E-05	3.3E-05	2.9E-13	1.3E-04
Cadmium	8.3E-12		3.1E-11	3.6E-03	1.2E-03	4.6E-13	4.8E-03
Chromium	1.7E-15		2.2E-09				2.2E-09
Cobalt			3.3E-05	4.1E-02	1.4E-02	2.4E-07	5.4E-02
Copper			3.2E-07				3.2E-07
Lead							
Manganese							
Mercury (+2)			3.5E-09	3.8E-06	1.3E-06	5.2E-13	5.0E-06
Mercury, elemental				1.6E-08	5.2E-09		2.1E-08
Methyl Mercury	8.7E-11		7.9E-10				8.7E-10

Table H-464 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
Nickel	1.7E-13		7.8E-12	1.8E-03	6.0E-04	2.5E-13	2.4E-03
Phosphorus			1.4E-08				1.4E-08
Selenium	5.5E-14		3.1E-13	4.2E-07	1.4E-07	1.1E-17	5.5E-07
Silver	4.2E-14		6.2E-09				6.2E-09
Titanium							
Zinc	1.4E-11		2.2E-11				3.5E-11
NOx							
NOx (Oxides of Nitrogen)							
PAHs							
1-Methylnaphthalene		6.9E-14	1.3E-13				2.0E-13
1-Methylphenanthrene							
2,3,5-Trimethylnaphthalene							
2,6-Dimethylnaphthalene							
2-Methylnaphthalene		1.2E-12	2.1E-12				3.3E-12
Acenaphthylene							
Acenaphthene	5.6E-14						5.6E-14
Anthracene	1.4E-13						1.4E-13
Benzo(a)anthracene							
Benzo(a)pyrene							
Benzo(b)fluoranthene							
Benzo(e)pyrene							
Benzo(g,h,i)perylene							
Benzo(k)fluoranthene							

Table H-464 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Biphenyl			2.8E-13	1.6E-02	5.3E-03	6.1E-10	2.1E-02
Chrysene							
Dibenze(a,h)anthracene							
Fluoranthene	7.0E-12	3.4E-11	6.3E-11				1.0E-10
Fluorene	1.5E-12						1.5E-12
Indeno(1,2,3-cd)pyrene							
Napthalene	1.4E-12			2.8E-03	9.4E-04		3.7E-03
Perylene							
Phenanthrene							
Pyrene	6.7E-12	1.7E-10	3.1E-10				4.9E-10
Particulate							
Particulate Total Suspended Particulate							
PM<10							
PM<2.5							
PCBs							
Dichlorobiphenyl	8.7E-11	1.8E-10	3.1E-10				5.8E-10
Heptachlorobiphenyl	1.1E-11	7.2E-11	1.2E-10	5.4E-08	1.8E-08	2.9E-13	7.2E-08
Hexachlorobiphenyl	4.6E-11	3.0E-10	5.1E-10	2.2E-04	7.2E-05	1.2E-09	2.9E-04
Monochlorobiphenyl	6.1E-10	1.3E-09	2.2E-09				4.1E-09
Nonachlorobiphenyl	1.4E-12	1.0E-11	1.7E-11				2.9E-11
Octachlorobiphenyl	3.4E-12	2.2E-11	3.7E-11				6.3E-11
Pentachlorobiphenyl	1.5E-10	1.0E-09	1.8E-09	2.4E-03	7.8E-04	1.3E-08	3.1E-03
Tetrachlorobiphenyl	2.6E-11	6.0E-11	1.0E-10	1.2E-05	4.0E-06	1.5E-11	1.6E-05

Table H-464 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Trichlorobiphenyl	3.4E-11	7.6E-11	1.3E-10				2.4E-10
SVOCs							
1,2,4-trichlorobenzene				5.9E-06	2.0E-06		7.9E-06
1,2-dichlorobenzene	3.1E-17			1.3E-08	4.4E-09		1.8E-08
1,3-dichlorobenzene							
1,4-dichlorobenzene	1.3E-15			1.2E-07	3.9E-08		1.5E-07
2,4-Dimethylphenol	1.3E-13						1.3E-13
2-Chlorophenol	2.6E-14						2.6E-14
2-Methylphenol	1.1E-12			5.3E-06	1.8E-06		7.1E-06
2-Nitrophenol							
3-Methylphenol & 4-Methylphenol							
4-Nitrophenol							
Acetophenone	3.9E-14						3.9E-14
Benzoic acid	4.0E-15						4.0E-15
Benzyl alcohol	9.8E-17						9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	6.0E-09	1.4E-08				2.0E-08
Butyl benzyl phthalate	8.8E-13	3.3E-13	7.9E-13				2.0E-12
Carbazole							
Dibenzofuran		2.9E-12	2.3E-11				2.5E-11
Dimethyl phthalate							
Di-n-butyl phthalate	1.7E-11	6.7E-13	1.6E-12				1.9E-11
Di-n-octyl phthalate	1.3E-15	8.7E-12	2.1E-11				2.9E-11
Hexachlorobutadiene	6.7E-12						6.7E-12

Table H-464 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Phenol	4.9E-13			8.5E-05	2.8E-05		1.1E-04
Pyridine	7.7E-12						7.7E-12
TRS							
Total Reduced Sulfur							
VOCs							
1,1,1,2-Tetrachloroethane	9.0E-17						9.0E-17
1,1,1-Trichloroethane	8.8E-20			1.4E-09	4.5E-10		1.8E-09
1,1-Dichloroethene	1.2E-19			3.2E-09	1.1E-09		4.2E-09
1,2,3-Trichlorobenzene	2.3E-13						2.3E-13
1,2,3-Trichloropropane	2.7E-16			8.8E-06	2.9E-06		1.2E-05
1,2,4-Trimethylbenzene				3.9E-05	1.3E-05		5.1E-05
1,2-Dibromoethane	4.1E-17			1.9E-07	6.2E-08		2.5E-07
1,2-Dichloroethane	1.9E-15			2.0E-05	6.8E-06		2.7E-05
1,3,5-Trimethylbenzene	6.0E-15						6.0E-15
1,3-Dichloropropane							
2-Butanone	4.1E-15			3.6E-07	1.2E-07		4.8E-07
2-Chlorotoluene							
2-Hexanone				1.1E-05	3.7E-06		1.5E-05
Benzene	4.9E-13			1.5E-03	5.2E-04		2.1E-03
Bromobenzene				1.5E-05	5.0E-06		2.0E-05
Bromochloromethane				5.4E-08	1.8E-08		7.1E-08
Bromodichloromethane	1.6E-17						1.6E-17
Bromomethane	9.6E-16			3.1E-05	1.0E-05		4.2E-05

Table H-464 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Carbon disulfide	1.3E-17			1.9E-07	6.4E-08		2.5E-07
Carbon tetrachloride	3.4E-17			5.3E-08	1.8E-08		7.1E-08
Chlorobenzene	2.3E-15			4.7E-06	1.6E-06		6.2E-06
Chlorodibromomethane	9.1E-16						9.1E-16
Chloroethane				4.3E-08	1.4E-08		5.8E-08
Chloroform	2.8E-16			5.3E-07	1.8E-07		7.1E-07
Chloromethane				1.4E-05	4.7E-06		1.9E-05
cis-1,2-Dichloroethene	1.9E-15						1.9E-15
cis-1,3-Dichloropropene							
Dibromomethane				1.2E-06	4.1E-07		1.7E-06
Dichlorodifluoromethane	2.4E-20			6.0E-08	2.0E-08		8.1E-08
Ethylbenzene	1.5E-14			1.0E-05	3.4E-06		1.3E-05
Isopropylbenzene	2.0E-17			1.8E-06	6.1E-07		2.5E-06
m&p-Xylene							
Methyl Isobutyl Ketone (4-methyl-2-pentanone)				2.9E-09	9.6E-10		3.9E-09
Methylene chloride	4.3E-15			1.5E-06	5.0E-07		2.0E-06
n-Butylbenzene							
n-Propylbenzene				4.2E-07	1.4E-07		5.6E-07
o-Xylene	1.4E-15			1.0E-05	3.5E-06		1.4E-05
p-Chlorotoluene							
p-Isopropyltoluene							
sec-Butylbenzene							
Styrene	4.7E-14			2.5E-05	8.5E-06		3.4E-05

Table H-464 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
tert-Butylbenzene							
Tetrachloroethene	1.1E-16			1.4E-07	4.8E-08		1.9E-07
Toluene	2.0E-14			3.4E-06	1.1E-06		4.5E-06
trans-1,2-Dichloroethene	2.9E-15						2.9E-15
trans-1,3-Dichloropropene							
Trichloroethene	1.4E-17			8.8E-08	2.9E-08		1.2E-07
Trichlorofluoromethane	3.5E-20						3.5E-20
Vinyl chloride	1.6E-16			1.6E-06	5.5E-07		2.2E-06
Grand Total	4.8E-09	7.6E-07	4.0E-05	1.0E-01	3.5E-02	3.0E-07	1.4E-01

Table H-465 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			1.4E-10	1.7E-11		1.5E-10
Formaldehyde			3.2E-06	4.3E-11		3.2E-06
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	4.2E-14	1.6E-13	1.4E-11	1.7E-12	2.4E-18	1.6E-11
1,2,3,4,6,7,8-HpCDF	4.2E-14	1.7E-13	1.4E-11	1.7E-12	2.4E-18	1.6E-11
1,2,3,4,7,8,9-HpCDF	4.9E-15	1.9E-14	1.8E-12	2.2E-13	2.7E-19	2.0E-12
1,2,3,4,7,8-HxCDD	4.8E-14	1.9E-13	1.7E-11	2.1E-12	2.7E-18	1.9E-11
1,2,3,4,7,8-HxCDF	3.8E-13	1.5E-12	1.3E-10	1.7E-11	2.1E-17	1.5E-10
1,2,3,6,7,8-HxCDD	9.7E-14	3.8E-13	3.5E-11	4.4E-12	5.5E-18	4.0E-11
1,2,3,6,7,8-HxCDF	1.2E-13	4.9E-13	4.4E-11	5.5E-12	7.0E-18	5.0E-11
1,2,3,7,8,9-HxCDD	1.5E-13	6.0E-13	5.3E-11	6.6E-12	8.6E-18	6.0E-11
1,2,3,7,8,9-HxCDF	8.8E-15	3.5E-14	3.4E-12	4.2E-13	5.0E-19	3.8E-12
1,2,3,7,8-PeCDD	5.4E-13	2.1E-12	2.1E-10	2.6E-11	3.0E-17	2.4E-10

Table H-465 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	3.2E-14	1.2E-13	1.5E-11	1.9E-12	1.8E-18	1.7E-11
2,3,4,6,7,8-HxCDF	1.9E-13	7.6E-13	6.8E-11	8.5E-12	1.1E-17	7.7E-11
2,3,4,7,8-PeCDF	7.6E-13	3.0E-12	3.4E-10	4.2E-11	4.3E-17	3.8E-10
2,3,7,8-TCDD	1.1E-13	4.4E-13	8.4E-11	1.1E-11	4.3E-15	9.5E-11
2,3,7,8-TCDF	2.0E-14	7.9E-14	3.1E-11	3.9E-12	1.1E-18	3.5E-11
OCDD	2.8E-16	1.1E-15	9.2E-14	1.1E-14	1.6E-20	1.0E-13
OCDF	1.1E-16	4.3E-16	3.4E-14	4.3E-15	6.2E-21	3.9E-14
DNT						
2,4-Dinitrotoluene	5.3E-09	6.3E-09			8.9E-14	1.2E-08
2,6-Dinitrotoluene	4.1E-08	4.9E-08				9.0E-08
HCN						
Hydrogen cyanide						
Metals						
Aluminum						
Antimony						
Arsenic	3.8E-08	9.1E-08	1.1E-10	1.4E-11	2.1E-11	1.3E-07
Barium						
Beryllium			4.4E-12	5.5E-13	5.3E-21	5.0E-12
Cadmium			5.8E-11	7.3E-12	3.1E-21	6.6E-11
Chromium						
Cobalt			3.8E-09	4.7E-10	3.7E-10	4.6E-09
Copper						
Iron						

Table H-465 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Lead						
Manganese						
Mercury (+2)						
Mercury, elemental						
Methyl Mercury						
Nickel			3.9E-11	4.8E-12	2.2E-10	2.6E-10
Phosphorus						
Selenium						
Silver						
Thallium (Soluble Salts)						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.0E-19	2.7E-19				5.7E-19
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						

Table H-465 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(a)anthracene	4.9E-09	4.4E-09	1.4E-11	1.8E-12	1.0E-11	9.3E-09
Benzo(a)pyrene	8.3E-08	7.5E-08	5.5E-11	6.9E-12	5.5E-13	1.6E-07
Benzo(b)fluoranthene	1.8E-08	1.6E-08	6.2E-12	7.7E-13	1.2E-13	3.4E-08
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	1.1E-10	1.0E-10	5.5E-14	6.9E-15	7.6E-15	2.2E-10
Biphenyl		1.1E-18				1.1E-18
Chrysene	7.1E-11	6.4E-11	2.4E-12	3.0E-13	4.7E-15	1.4E-10
Dibenze(a,h)anthracene	3.1E-09	2.8E-09	9.5E-12	1.2E-12	2.3E-14	5.9E-09
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	4.4E-09	4.0E-09	2.9E-12	3.6E-13	3.0E-14	8.4E-09
Napthalene			2.2E-10	2.7E-11		2.4E-10
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	1.1E-18	9.0E-19	8.0E-14	9.9E-15	2.4E-20	8.9E-14
Heptachlorobiphenyl	3.5E-18	2.9E-18	3.1E-14	3.9E-15	4.2E-20	3.5E-14

Table H-465 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Hexachlorobiphenyl	1.6E-17	1.3E-17	1.3E-13	1.6E-14	1.9E-19	1.5E-13
Monochlorobiphenyl	7.4E-18	6.2E-18	5.5E-13	6.9E-14	1.7E-19	6.2E-13
Nonachlorobiphenyl	6.1E-19	5.2E-19	4.4E-15	5.5E-16	7.5E-21	4.9E-15
Octachlorobiphenyl	1.1E-18	9.5E-19	9.5E-15	1.2E-15	1.4E-20	1.1E-14
Pentachlorobiphenyl	5.6E-17	4.8E-17	4.5E-13	5.6E-14	6.9E-19	5.0E-13
Tetrachlorobiphenyl	4.1E-19	3.4E-19	2.6E-14	3.2E-15	9.1E-21	2.9E-14
Trichlorobiphenyl	4.9E-19	4.1E-19	3.3E-14	4.1E-15	1.1E-20	3.7E-14
Pesticides						
DDE		7.5E-10			6.8E-12	7.6E-10
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-Butadiene			4.1E-08			4.1E-08
1,3-dichlorobenzene						
1,4-dichlorobenzene			7.2E-13	8.9E-14		8.1E-13
1,4-Dioxane			1.6E-08			1.6E-08
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						

Table H-465 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	4.0E-15	4.8E-15	2.0E-11	2.4E-12	4.0E-20	2.2E-11
Butyl benzyl phthalate	2.6E-19	3.1E-19				5.8E-19
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			4.2E-11	5.2E-12		4.7E-11
Isopropanol						
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			4.3E-14	5.4E-15		4.8E-14
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			1.8E-12	2.2E-13		2.0E-12

Table H-465 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
1,2-Dichloroethane			3.8E-08	1.1E-09		3.9E-08
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						
2-Chlorotoluene						
2-Hexanone						
Benzene			2.8E-08	3.2E-09		3.1E-08
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			1.5E-13	1.9E-14		1.7E-13
Bromomethane						
Carbon disulfide						
Carbon tetrachloride			3.8E-08	4.0E-09		4.2E-08
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			2.5E-08	2.4E-09		2.7E-08
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			1.0E-08	2.6E-12		1.0E-08

Table H-465 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			7.7E-15	9.7E-16		8.7E-15
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethene			1.3E-15	1.7E-16		1.5E-15
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			8.0E-10	1.6E-16		8.0E-10
Trichlorofluoromethane						
Vinyl chloride			9.3E-13	1.2E-13		1.1E-12
Grand Total	2.0E-07	2.5E-07	3.4E-06	1.1E-08	6.3E-10	3.8E-06

Table H-466 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			4.2E-05	5.2E-06		4.7E-05
Aldehydes						
Acetaldehyde			1.6E-04	2.0E-05		1.8E-04
Formaldehyde			5.8E-01	7.9E-06		5.8E-01
Propionaldehyde			2.0E-05	2.5E-06	2.1E-12	2.2E-05
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-466 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	5.2E-08	2.0E-07	1.3E-06	1.6E-07	1.2E-10	1.7E-06
2,3,7,8-TCDF						
OCDD						
OCDF						
DNT						
2,4-Dinitrotoluene	2.0E-04	2.4E-04				4.4E-04
2,6-Dinitrotoluene	2.1E-03	2.5E-03				4.7E-03
HCN						
Hydrogen cyanide			2.0E-04	2.5E-05		2.2E-04
Metals						
Aluminum		7.9E-03			7.7E-05	7.9E-03
Antimony		7.6E-04				7.6E-04
Arsenic	2.0E-03	4.7E-03	4.0E-05	4.9E-06	7.7E-06	6.8E-03
Barium		1.6E-08	2.5E-04	3.1E-05	3.1E-10	2.8E-04
Beryllium		5.2E-13	2.1E-06	2.7E-07	2.6E-15	2.4E-06
Cadmium		8.2E-13	7.6E-05	9.5E-06	4.0E-15	8.5E-05
Chromium		5.5E-11				5.5E-11
Cobalt		6.5E-02	1.6E-03	2.0E-04	1.6E-04	6.7E-02
Copper		8.4E-09				8.4E-09
Iron		2.4E-02				2.4E-02

Table H-466 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
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Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Lead						
Manganese						
Mercury (+2)		1.1E-10	7.8E-08	9.8E-09	5.6E-15	8.8E-08
Mercury, elemental			3.3E-10	4.1E-11	9.6E-05	9.6E-05
Methyl Mercury		2.0E-11				2.0E-11
Nickel		2.0E-02	3.9E-05	4.8E-06	2.2E-04	2.0E-02
Phosphorus		3.7E-10				3.7E-10
Selenium		8.1E-15	8.7E-09	1.1E-09	9.9E-20	9.8E-09
Silver		1.7E-10				1.7E-10
Thallium (Soluble Salts)		1.1E-02				1.1E-02
Titanium						
Zinc		6.1E-13				6.1E-13
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.4E-15	3.1E-15				6.5E-15
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	5.8E-14	5.2E-14				1.1E-13
Acenaphthylene						
Acenaphthene						
Anthracene						

Table H-466 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						
Biphenyl		6.7E-15	2.8E-04	3.5E-05	4.9E-12	3.1E-04
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	1.7E-12	1.5E-12				3.2E-12
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene			5.0E-05	6.2E-06		5.6E-05
Perylene						
Phenanthrene						
Pyrene	8.3E-12	7.6E-12				1.6E-11
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	9.3E-12	7.8E-12				1.7E-11
Heptachlorobiphenyl	3.7E-12	3.2E-12	9.8E-10	1.2E-10	2.5E-15	1.1E-09

Table H-466 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Hexachlorobiphenyl	1.7E-11	1.4E-11	4.1E-06	5.1E-07	1.1E-11	4.6E-06
Monochlorobiphenyl	6.4E-11	5.4E-11				1.2E-10
Nonachlorobiphenyl	6.6E-13	5.6E-13				1.2E-12
Octachlorobiphenyl	1.2E-12	1.0E-12				2.2E-12
Pentachlorobiphenyl	6.1E-11	5.1E-11	4.6E-05	5.7E-06	1.3E-10	5.1E-05
Tetrachlorobiphenyl	3.5E-12	3.0E-12	2.3E-07	2.9E-08	1.5E-13	2.6E-07
Trichlorobiphenyl	4.3E-12	3.6E-12				7.8E-12
Pesticides						
DDE						
SVOCs						
1,2,4-trichlorobenzene			1.3E-07	1.7E-08		1.5E-07
1,2-dichlorobenzene			5.4E-10	6.8E-11		6.1E-10
1,3-Butadiene			1.6E-02			1.6E-02
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.9E-09	2.4E-10		2.1E-09
1,4-Dioxane			2.4E-03			2.4E-03
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			9.3E-08	1.2E-08		1.0E-07
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						

Table H-466 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-10	4.0E-10				7.4E-10
Butyl benzyl phthalate	1.6E-14	1.9E-14				3.6E-14
Carbazole						
Dibenzofuran	1.4E-13	5.7E-13				7.1E-13
Dimethyl phthalate						
Di-n-butyl phthalate	3.3E-14	3.9E-14				7.1E-14
Di-n-octyl phthalate	9.4E-13	1.1E-12				2.1E-12
Hexachlorobutadiene						
Isopropanol			4.1E-03			4.1E-03
Phenol			1.5E-06	1.9E-07		1.7E-06
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			2.7E-11	3.3E-12		3.0E-11
1,1-Dichloroethene			1.3E-10	1.6E-11		1.5E-10
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.6E-07	4.5E-08		4.1E-07
1,2,4-Trimethylbenzene			8.9E-07	1.1E-07		1.0E-06
1,2-Dibromoethane			7.7E-09	9.6E-10		8.6E-09

Table H-466 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
1,2-Dichloroethane			4.9E-03	1.4E-04		5.0E-03
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone			6.6E-09	8.3E-10		7.4E-09
2-Chlorotoluene						
2-Hexanone			2.3E-07	2.8E-08		2.5E-07
Benzene			2.8E-03	3.2E-04		3.1E-03
Bromobenzene			6.2E-07	7.8E-08		7.0E-07
Bromochloromethane			2.2E-09	2.8E-10		2.5E-09
Bromodichloromethane						
Bromomethane			7.6E-07	9.5E-08		8.6E-07
Carbon disulfide			4.8E-09	6.0E-10		5.4E-09
Carbon tetrachloride			1.5E-03	1.5E-04		1.6E-03
Chlorobenzene			9.6E-08	1.2E-08		1.1E-07
Chlorodibromomethane						
Chloroethane			9.1E-10	1.1E-10		1.0E-09
Chloroform			2.6E-04	2.4E-05		2.8E-04
Chloromethane			3.4E-07	4.3E-08		3.9E-07
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			5.1E-08	6.4E-09		5.7E-08
Dichlorodifluoromethane			2.5E-09	3.1E-10		2.8E-09
Ethylbenzene			9.6E-05	2.4E-08		9.6E-05

Table H-466 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Isopropylbenzene			3.9E-08	4.9E-09		4.4E-08
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.2E-10	1.5E-11		1.3E-10
Methylene chloride			3.0E-08	3.8E-09		3.4E-08
n-Butylbenzene						
n-Propylbenzene			9.4E-09	1.2E-09		1.1E-08
o-Xylene			2.3E-07	2.9E-08		2.6E-07
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			5.1E-07	6.4E-08		5.7E-07
tert-Butylbenzene						
Tetrachloroethene			3.0E-09	3.8E-10		3.4E-09
Toluene			6.3E-08	7.9E-09		7.1E-08
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			2.3E-03	4.5E-10		2.3E-03
Trichlorofluoromethane						
Vinyl chloride			5.0E-08	6.2E-09		5.6E-08
Grand Total	4.3E-03	1.4E-01	6.2E-01	1.0E-03	5.6E-04	7.6E-01

Table H-467 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.4E-10	3.2E-10	1.7E-11	1.7E-11			4.9E-10
Formaldehyde						3.2E-06	7.9E-10	4.3E-11	4.3E-11			3.2E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	5.1E-17	4.2E-14	5.9E-14	1.6E-13	4.6E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.4E-18	1.5E-17	5.0E-11
1,2,3,4,6,7,8-HpCDF	5.0E-17	4.2E-14	5.9E-14	1.7E-13	4.7E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.4E-18	1.5E-17	5.0E-11
1,2,3,4,7,8,9-HpCDF	8.1E-18	4.9E-15	6.8E-15	1.9E-14	5.4E-14	1.8E-12	4.1E-12	2.2E-13	2.2E-13	2.7E-19	1.7E-18	6.4E-12
1,2,3,4,7,8-HxCDD	6.1E-16	4.8E-14	6.6E-14	1.9E-13	5.2E-13	1.7E-11	3.8E-11	2.1E-12	2.1E-12	2.7E-18	1.7E-17	6.0E-11
1,2,3,4,7,8-HxCDF	4.2E-15	3.8E-13	5.3E-13	1.5E-12	4.2E-12	1.3E-10	3.1E-10	1.7E-11	1.7E-11	2.1E-17	1.3E-16	4.9E-10
1,2,3,6,7,8-HxCDD	1.2E-15	9.7E-14	1.4E-13	3.8E-13	1.1E-12	3.5E-11	8.0E-11	4.4E-12	4.4E-12	5.5E-18	3.4E-17	1.3E-10
1,2,3,6,7,8-HxCDF	1.6E-15	1.2E-13	1.7E-13	4.9E-13	1.4E-12	4.4E-11	1.0E-10	5.5E-12	5.5E-12	7.0E-18	4.3E-17	1.6E-10
1,2,3,7,8,9-HxCDD	1.7E-15	1.5E-13	2.1E-13	6.0E-13	1.7E-12	5.3E-11	1.2E-10	6.6E-12	6.6E-12	8.6E-18	5.3E-17	1.9E-10
1,2,3,7,8,9-HxCDF	1.3E-16	8.8E-15	1.2E-14	3.5E-14	9.7E-14	3.4E-12	7.7E-12	4.2E-13	4.2E-13	5.0E-19	3.1E-18	1.2E-11
1,2,3,7,8-PeCDD	3.8E-14	5.4E-13	7.5E-13	2.1E-12	5.9E-12	2.1E-10	4.9E-10	2.6E-11	2.6E-11	3.0E-17	1.9E-16	7.6E-10
1,2,3,7,8-PeCDF	2.7E-15	3.2E-14	4.4E-14	1.2E-13	3.5E-13	1.5E-11	3.5E-11	1.9E-12	1.9E-12	1.8E-18	1.1E-17	5.4E-11
2,3,4,6,7,8-HxCDF	2.3E-15	1.9E-13	2.7E-13	7.6E-13	2.1E-12	6.8E-11	1.6E-10	8.5E-12	8.5E-12	1.1E-17	6.7E-17	2.4E-10
2,3,4,7,8-PeCDF	4.2E-14	7.6E-13	1.1E-12	3.0E-12	8.3E-12	3.4E-10	7.8E-10	4.2E-11	4.2E-11	4.3E-17	2.6E-16	1.2E-09
2,3,7,8-TCDD	1.3E-14	1.1E-13	1.5E-13	4.4E-13	1.2E-12	8.4E-11	1.9E-10	1.1E-11	1.1E-11	4.3E-15	2.7E-14	3.0E-10
2,3,7,8-TCDF	4.4E-15	2.0E-14	2.8E-14	7.9E-14	2.2E-13	3.1E-11	7.2E-11	3.9E-12	3.9E-12	1.1E-18	7.0E-18	1.1E-10
OCDD	6.8E-21	2.8E-16	4.0E-16	1.1E-15	3.1E-15	9.2E-14	2.1E-13	1.1E-14	1.1E-14	1.6E-20	9.9E-20	3.3E-13
OCDF	2.5E-21	1.1E-16	1.5E-16	4.3E-16	1.2E-15	3.4E-14	7.9E-14	4.3E-15	4.3E-15	6.2E-21	3.8E-20	1.2E-13
DNT												
2,4-Dinitrotoluene		5.3E-09		6.3E-09						8.9E-14		1.2E-08
2,6-Dinitrotoluene		4.1E-08		4.9E-08								9.0E-08
HCN												
Hydrogen cyanide												

Table H-467 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum												
Antimony												
Arsenic	5.2E-17	3.8E-08	1.5E-08	9.1E-08	7.0E-08	1.1E-10	2.5E-10	1.4E-11	1.4E-11	2.1E-11	3.6E-11	2.1E-07
Barium												
Beryllium						4.4E-12	1.0E-11	5.5E-13	5.5E-13	5.3E-21	3.2E-20	1.6E-11
Cadmium						5.8E-11	1.3E-10	7.3E-12	7.3E-12	3.1E-21	1.9E-20	2.1E-10
Chromium												
Cobalt						3.8E-09	8.8E-09	4.7E-10	4.7E-10	3.7E-10	1.5E-09	1.5E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.9E-11	8.9E-11	4.8E-12	4.8E-12	2.2E-10	8.5E-10	1.2E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.0E-19	4.1E-19	2.7E-19	7.5E-19							1.7E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.9E-13	4.9E-09	1.6E-08	4.4E-09	2.9E-08	1.4E-11	3.3E-11	1.8E-12	1.8E-12	1.0E-11	6.2E-11	5.4E-08

Table H-467 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Outdoor Vapors at CJ	Inhalation of Outdoor Vapors at Home	Grand Total	
												Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home
Benzo(a)pyrene	9.5E-13	8.3E-08	1.8E-07	7.5E-08	3.2E-07	5.5E-11	1.3E-10	6.9E-12	6.9E-12	5.5E-13	5.2E-12	6.5E-07	
Benzo(b)fluoranthene	2.6E-14	1.8E-08	2.5E-08	1.6E-08	4.5E-08	6.2E-12	1.4E-11	7.7E-13	7.7E-13	1.2E-13	7.3E-13	1.0E-07	
Benzo(e)pyrene													
Benzo(g,h,i)perylene													
Benzo(k)fluoranthene	1.9E-17	1.1E-10	1.2E-09	1.0E-10	2.3E-09	5.5E-14	1.3E-13	6.9E-15	6.9E-15	7.6E-15	3.7E-13	3.7E-09	
Biphenyl				1.1E-18	3.2E-18							4.3E-18	
Chrysene	3.3E-16	7.1E-11	1.8E-10	6.4E-11	3.3E-10	2.4E-12	5.6E-12	3.0E-13	3.0E-13	4.7E-15	5.3E-14	6.5E-10	
Dibenze(a,h)anthracene	4.7E-14	3.1E-09	4.4E-08	2.8E-09	7.9E-08	9.5E-12	2.2E-11	1.2E-12	1.2E-12	2.3E-14	1.4E-12	1.3E-07	
Fluoranthene													
Fluorene													
Indeno(1,2,3-cd)pyrene	1.2E-14	4.4E-09	1.1E-08	4.0E-09	2.1E-08	2.9E-12	6.7E-12	3.6E-13	3.6E-13	3.0E-14	3.4E-13	4.1E-08	
Napthalene						2.2E-10	5.0E-10	2.7E-11	2.7E-11			7.7E-10	
Perylene													
Phenanthrene													
Pyrene													
Particulate													
Particulate Total Suspended Particulate													
PM<10													
PM<2.5													
PCBs													
Dichlorobiphenyl	1.8E-17	1.1E-18	1.5E-18	9.0E-19	2.5E-18	8.0E-14	1.8E-13	9.9E-15	9.9E-15	2.4E-20	1.5E-19	2.8E-13	
Heptachlorobiphenyl	2.0E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	3.1E-14	7.2E-14	3.9E-15	3.9E-15	4.2E-20	2.6E-19	1.1E-13	
Hexachlorobiphenyl	7.9E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	1.3E-13	3.0E-13	1.6E-14	1.6E-14	1.9E-19	1.2E-18	4.6E-13	
Monochlorobiphenyl	1.3E-16	7.4E-18	1.0E-17	6.2E-18	1.7E-17	5.5E-13	1.3E-12	6.9E-14	6.9E-14	1.7E-19	1.0E-18	2.0E-12	
Nonachlorobiphenyl	2.4E-18	6.1E-19	8.6E-19	5.2E-19	1.4E-18	4.4E-15	1.0E-14	5.5E-16	5.5E-16	7.5E-21	4.6E-20	1.6E-14	
Octachlorobiphenyl	5.8E-18	1.1E-18	1.6E-18	9.5E-19	2.7E-18	9.5E-15	2.2E-14	1.2E-15	1.2E-15	1.4E-20	8.5E-20	3.4E-14	
Pentachlorobiphenyl	2.6E-16	5.6E-17	7.9E-17	4.8E-17	1.3E-16	4.5E-13	1.0E-12	5.6E-14	5.6E-14	6.9E-19	4.3E-18	1.6E-12	
Tetrachlorobiphenyl	5.4E-18	4.1E-19	5.7E-19	3.4E-19	9.6E-19	2.6E-14	6.0E-14	3.2E-15	3.2E-15	9.1E-21	5.6E-20	9.2E-14	
Trichlorobiphenyl	7.1E-18	4.9E-19	6.8E-19	4.1E-19	1.2E-18	3.3E-14	7.6E-14	4.1E-15	4.1E-15	1.1E-20	6.8E-20	1.2E-13	
Pesticides													
DDE				7.5E-10	3.2E-09					6.8E-12	4.2E-11	4.0E-09	
Dieldrin			6.8E-09		1.6E-08						5.0E-13	2.3E-08	
SVOCs													
1,2,4-trichlorobenzene													
1,2-dichlorobenzene													

Table H-467 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
1,3-Butadiene						4.1E-08						4.1E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	2.1E-20					7.2E-13	1.7E-12	8.9E-14	8.9E-14			2.5E-12
1,4-Dioxane						1.6E-08						1.6E-08
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.9E-16	4.0E-15	5.6E-15	4.8E-15	1.3E-14	2.0E-11	4.5E-11	2.4E-12	2.4E-12	4.0E-20	2.5E-19	7.0E-11
Butyl benzyl phthalate	1.4E-17	2.6E-19	3.7E-19	3.1E-19	8.8E-19							1.6E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	2.3E-17					4.2E-11	9.7E-11	5.2E-12	5.2E-12			1.5E-10
Isopropanol												
p-Chloroaniline			2.8E-09		6.6E-09							9.4E-09
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	3.0E-21					4.3E-14	9.9E-14	5.4E-15	5.4E-15			1.5E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.4E-18											1.4E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	3.2E-20					1.8E-12	4.1E-12	2.2E-13	2.2E-13			6.3E-12

Table H-467 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
1,2-Dichloroethane	4.5E-20					3.8E-08	4.9E-08	1.1E-09	1.1E-09			8.9E-08
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												
Benzene	4.7E-18					2.8E-08	9.0E-08	3.2E-09	3.2E-09			1.2E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	8.3E-22					1.5E-13	5.4E-07	1.9E-14	1.9E-14			5.4E-07
Bromoform							7.2E-08					7.2E-08
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	4.0E-22					3.8E-08	1.0E-07	4.0E-09	4.0E-09			1.5E-07
Chlorobenzene												
Chlorodibromomethane	6.6E-20											6.6E-20
Chloroethane												
Chloroform	3.7E-21					2.5E-08	7.8E-07	2.4E-09	2.4E-09			8.1E-07
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	7.0E-19					1.0E-08	2.4E-08	2.6E-12	2.6E-12			3.4E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	2.2E-21					7.7E-15	1.8E-14	9.7E-16	9.7E-16			2.8E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												

Table H-467 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
tert-Butylbenzene												
Tetrachloroethene	5.9E-23					1.3E-15	3.1E-15	1.7E-16	1.7E-16			4.8E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.3E-23					8.0E-10	7.9E-08	1.6E-16	1.6E-16			8.0E-08
Trichlorofluoromethane												
Vinyl chloride	1.5E-20					9.3E-13	2.2E-12	1.2E-13	1.2E-13			3.3E-12
Grand Total	1.3E-12	2.0E-07	3.0E-07	2.5E-07	5.9E-07	3.4E-06	1.7E-06	1.1E-08	1.1E-08	6.3E-10	2.5E-09	6.5E-06

Table H-468 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					5.8E-01	1.5E-04	7.9E-06	7.9E-06			5.8E-01
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
DNT												
2,4-Dinitrotoluene		2.0E-04		2.4E-04								4.4E-04
2,6-Dinitrotoluene		2.1E-03		2.5E-03								4.7E-03
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04

Table H-468 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum				7.9E-03	2.0E-02					7.7E-05	4.2E-04	2.8E-02
Antimony	3.9E-14			7.6E-04	3.6E-03							4.3E-03
Arsenic	2.7E-12	2.0E-03	7.7E-04	4.7E-03	3.6E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	7.7E-06	1.3E-05	1.1E-02
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt				6.5E-02	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	1.6E-04	6.6E-04	1.9E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				2.4E-02	5.4E-02							7.8E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	9.6E-05	5.9E-04	6.9E-04
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.0E-02	3.5E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	2.2E-04	8.5E-04	5.7E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Thallium (Soluble Salts)				1.1E-02	1.7E-02							2.7E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												

Table H-468 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	1.1E-04	6.2E-06	6.2E-06			1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
DDE												
Dieldrin			2.0E-04		4.7E-04							6.7E-04
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09

Table H-468 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-Butadiene						1.6E-02						1.6E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
1,4-Dioxane						2.4E-03						2.4E-03
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						4.1E-03	1.1E-02					1.5E-02
p-Chloroaniline			8.2E-05		1.9E-04							2.8E-04
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08

Table H-468 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,2-Dichloroethane	1.9E-15					4.9E-03	6.3E-03	1.4E-04	1.4E-04			1.1E-02
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.8E-03	9.0E-03	3.2E-04	3.2E-04			1.2E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromoform												
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.5E-03	3.9E-03	1.5E-04	1.5E-04			5.7E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					2.6E-04	8.1E-03	2.4E-05	2.4E-05			8.4E-03
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					9.6E-05	2.2E-04	2.4E-08	2.4E-08			3.2E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06

Table H-468 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.3E-03	2.2E-01	4.5E-10	4.5E-10			2.3E-01
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	4.8E-09	4.3E-03	1.0E-03	1.4E-01	2.6E-01	6.2E-01	2.7E-01	1.0E-03	1.0E-03	5.6E-04	2.5E-03	1.3E+00

Table H-469 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.4E-10	3.2E-10	1.7E-11	1.7E-11			4.9E-10
Formaldehyde						3.2E-06	2.2E-05	4.3E-11	4.3E-11			2.5E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	5.1E-17	4.2E-14	5.9E-14	1.6E-13	4.6E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.4E-18	1.5E-17	5.0E-11
1,2,3,4,6,7,8-HpCDF	5.0E-17	4.2E-14	5.9E-14	1.7E-13	4.7E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.4E-18	1.5E-17	5.0E-11
1,2,3,4,7,8,9-HpCDF	8.1E-18	4.9E-15	6.8E-15	1.9E-14	5.4E-14	1.8E-12	4.1E-12	2.2E-13	2.2E-13	2.7E-19	1.7E-18	6.4E-12
1,2,3,4,7,8-HxCDD	6.1E-16	4.8E-14	6.6E-14	1.9E-13	5.2E-13	1.7E-11	3.8E-11	2.1E-12	2.1E-12	2.7E-18	1.7E-17	6.0E-11
1,2,3,4,7,8-HxCDF	4.2E-15	3.8E-13	5.3E-13	1.5E-12	4.2E-12	1.3E-10	3.1E-10	1.7E-11	1.7E-11	2.1E-17	1.3E-16	4.9E-10
1,2,3,6,7,8-HxCDD	1.2E-15	9.7E-14	1.4E-13	3.8E-13	1.1E-12	3.5E-11	8.0E-11	4.4E-12	4.4E-12	5.5E-18	3.4E-17	1.3E-10
1,2,3,6,7,8-HxCDF	1.6E-15	1.2E-13	1.7E-13	4.9E-13	1.4E-12	4.4E-11	1.0E-10	5.5E-12	5.5E-12	7.0E-18	4.3E-17	1.6E-10
1,2,3,7,8,9-HxCDD	1.7E-15	1.5E-13	2.1E-13	6.0E-13	1.7E-12	5.3E-11	1.2E-10	6.6E-12	6.6E-12	8.6E-18	5.3E-17	1.9E-10
1,2,3,7,8,9-HxCDF	1.3E-16	8.8E-15	1.2E-14	3.5E-14	9.7E-14	3.4E-12	7.7E-12	4.2E-13	4.2E-13	5.0E-19	3.1E-18	1.2E-11
1,2,3,7,8-PeCDD	3.8E-14	5.4E-13	7.5E-13	2.1E-12	5.9E-12	2.1E-10	4.9E-10	2.6E-11	2.6E-11	3.0E-17	1.9E-16	7.6E-10
1,2,3,7,8-PeCDF	2.7E-15	3.2E-14	4.4E-14	1.2E-13	3.5E-13	1.5E-11	3.5E-11	1.9E-12	1.9E-12	1.8E-18	1.1E-17	5.4E-11
2,3,4,6,7,8-HxCDF	2.3E-15	1.9E-13	2.7E-13	7.6E-13	2.1E-12	6.8E-11	1.6E-10	8.5E-12	8.5E-12	1.1E-17	6.7E-17	2.4E-10
2,3,4,7,8-PeCDF	4.2E-14	7.6E-13	1.1E-12	3.0E-12	8.3E-12	3.4E-10	7.8E-10	4.2E-11	4.2E-11	4.3E-17	2.6E-16	1.2E-09
2,3,7,8-TCDD	1.3E-14	1.1E-13	1.5E-13	4.4E-13	1.2E-12	8.4E-11	1.9E-10	1.1E-11	1.1E-11	4.3E-15	2.7E-14	3.0E-10
2,3,7,8-TCDF	4.4E-15	2.0E-14	2.8E-14	7.9E-14	2.2E-13	3.1E-11	7.2E-11	3.9E-12	3.9E-12	1.1E-18	7.0E-18	1.1E-10
OCDD	6.8E-21	2.8E-16	4.0E-16	1.1E-15	3.1E-15	9.2E-14	2.1E-13	1.1E-14	1.1E-14	1.6E-20	9.9E-20	3.3E-13
OCDF	2.5E-21	1.1E-16	1.5E-16	4.3E-16	1.2E-15	3.4E-14	7.9E-14	4.3E-15	4.3E-15	6.2E-21	3.8E-20	1.2E-13
DNT												
2,4-Dinitrotoluene		5.3E-09		6.3E-09						8.9E-14		1.2E-08
2,6-Dinitrotoluene		4.1E-08		4.9E-08								9.0E-08
HCN												
Hydrogen cyanide												

Table H-469 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum												
Antimony												
Arsenic	5.2E-17	3.8E-08	2.9E-08	9.1E-08	1.4E-07	1.1E-10	2.5E-10	1.4E-11	1.4E-11	2.1E-11	7.1E-11	3.0E-07
Barium												
Beryllium						4.4E-12	1.0E-11	5.5E-13	5.5E-13	5.3E-21	3.2E-20	1.6E-11
Cadmium						5.8E-11	1.3E-10	7.3E-12	7.3E-12	3.1E-21	1.9E-20	2.1E-10
Chromium												
Cobalt						3.8E-09	8.8E-09	4.7E-10	4.7E-10	3.7E-10	1.5E-09	1.5E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.9E-11	8.9E-11	4.8E-12	4.8E-12	2.2E-10	9.5E-10	1.3E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.0E-19	4.1E-19	2.7E-19	7.5E-19							1.7E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.9E-13	4.9E-09	7.2E-14	4.4E-09	1.3E-13	1.4E-11	3.3E-11	1.8E-12	1.8E-12	1.0E-11	6.2E-11	9.4E-09

Table H-469 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Outdoor Vapors at CJ	Inhalation of Outdoor Vapors at Home	Grand Total
Benzo(a)pyrene	9.5E-13	8.3E-08	3.4E-13	7.5E-08	6.1E-13	5.5E-11	1.3E-10	6.9E-12	6.9E-12	5.5E-13	1.0E-17	1.6E-07
Benzo(b)fluoranthene	2.6E-14	1.8E-08	1.9E-15	1.6E-08	3.5E-15	6.2E-12	1.4E-11	7.7E-13	7.7E-13	1.2E-13	5.7E-20	3.4E-08
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	1.9E-17	1.1E-10	2.0E-16	1.0E-10	3.6E-16	5.5E-14	1.3E-13	6.9E-15	6.9E-15	7.6E-15	5.9E-20	2.2E-10
Biphenyl				1.1E-18	3.2E-18							4.3E-18
Chrysene	3.3E-16	7.1E-11	9.1E-16	6.4E-11	1.6E-15	2.4E-12	5.6E-12	3.0E-13	3.0E-13	4.7E-15	2.7E-19	1.4E-10
Dibenzo(a,h)anthracene	4.7E-14	3.1E-09	1.2E-13	2.8E-09	2.1E-13	9.5E-12	2.2E-11	1.2E-12	1.2E-12	2.3E-14	3.7E-18	5.9E-09
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.2E-14	4.4E-09	3.3E-14	4.0E-09	6.0E-14	2.9E-12	6.7E-12	3.6E-13	3.6E-13	3.0E-14	9.8E-19	8.4E-09
Napthalene						2.2E-10	5.0E-10	2.7E-11	2.7E-11			7.7E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.8E-17	1.1E-18	1.5E-18	9.0E-19	2.5E-18	8.0E-14	1.8E-13	9.9E-15	9.9E-15	2.4E-20	1.5E-19	2.8E-13
Heptachlorobiphenyl	2.0E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	3.1E-14	7.2E-14	3.9E-15	3.9E-15	4.2E-20	2.6E-19	1.1E-13
Hexachlorobiphenyl	7.9E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	1.3E-13	3.0E-13	1.6E-14	1.6E-14	1.9E-19	1.2E-18	4.6E-13
Monochlorobiphenyl	1.3E-16	7.4E-18	1.0E-17	6.2E-18	1.7E-17	5.5E-13	1.3E-12	6.9E-14	6.9E-14	1.7E-19	1.0E-18	2.0E-12
Nonachlorobiphenyl	2.4E-18	6.1E-19	8.6E-19	5.2E-19	1.4E-18	4.4E-15	1.0E-14	5.5E-16	5.5E-16	7.5E-21	4.6E-20	1.6E-14
Octachlorobiphenyl	5.8E-18	1.1E-18	1.6E-18	9.5E-19	2.7E-18	9.5E-15	2.2E-14	1.2E-15	1.2E-15	1.4E-20	8.5E-20	3.4E-14
Pentachlorobiphenyl	2.6E-16	5.6E-17	7.9E-17	4.8E-17	1.3E-16	4.5E-13	1.0E-12	5.6E-14	5.6E-14	6.9E-19	4.3E-18	1.6E-12
Tetrachlorobiphenyl	5.4E-18	4.1E-19	5.7E-19	3.4E-19	9.6E-19	2.6E-14	6.0E-14	3.2E-15	3.2E-15	9.1E-21	5.6E-20	9.2E-14
Trichlorobiphenyl	7.1E-18	4.9E-19	6.8E-19	4.1E-19	1.2E-18	3.3E-14	7.6E-14	4.1E-15	4.1E-15	1.1E-20	6.8E-20	1.2E-13
Pesticides												
DDE				7.5E-10	1.1E-09					6.8E-12	4.2E-11	1.9E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene						4.1E-08						4.1E-08

Table H-469 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
1,3-dichlorobenzene												
1,4-dichlorobenzene	2.1E-20					7.2E-13	1.7E-12	8.9E-14	8.9E-14			2.5E-12
1,4-Dioxane						1.6E-08						1.6E-08
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.9E-16	4.0E-15	5.6E-15	4.8E-15	1.3E-14	2.0E-11	4.5E-11	2.4E-12	2.4E-12	4.0E-20	2.5E-19	7.0E-11
Butyl benzyl phthalate	1.4E-17	2.6E-19	3.7E-19	3.1E-19	8.8E-19							1.6E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	2.3E-17					4.2E-11	9.7E-11	5.2E-12	5.2E-12			1.5E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	3.0E-21					4.3E-14	9.9E-14	5.4E-15	5.4E-15			1.5E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.4E-18											1.4E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	3.2E-20					1.8E-12	4.1E-12	2.2E-13	2.2E-13			6.3E-12
1,2-Dichloroethane	4.5E-20					3.8E-08	7.1E-12	1.1E-09	1.1E-09			4.0E-08
1,3,5-Trimethylbenzene												

Table H-469 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												
Benzene	4.7E-18					2.8E-08	6.7E-10	3.2E-09	3.2E-09			3.5E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	8.3E-22					1.5E-13	3.5E-13	1.9E-14	1.9E-14			5.4E-13
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	4.0E-22					3.8E-08	1.3E-13	4.0E-09	4.0E-09			4.6E-08
Chlorobenzene												
Chlorodibromomethane	6.6E-20											6.6E-20
Chloroethane												
Chloroform	3.7E-21					2.5E-08	4.5E-12	2.4E-09	2.4E-09			2.9E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	7.0E-19					1.0E-08	4.8E-11	2.6E-12	2.6E-12			1.0E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	2.2E-21					7.7E-15	1.8E-14	9.7E-16	9.7E-16			2.8E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.9E-23					1.3E-15	3.1E-15	1.7E-16	1.7E-16			4.8E-15
Toluene												

Table H-469 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.3E-23					8.0E-10	2.9E-15	1.6E-16	1.6E-16			8.0E-10
Trichlorofluoromethane												
Vinyl chloride	1.5E-20					9.3E-13	2.2E-12	1.2E-13	1.2E-13			3.3E-12
Grand Total	1.3E-12	2.0E-07	2.9E-08	2.5E-07	1.4E-07	3.4E-06	2.2E-05	1.1E-08	1.1E-08	6.3E-10	2.7E-09	2.6E-05

Table H-470 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					5.8E-01	4.0E+00	7.9E-06	7.9E-06			4.6E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
DNT												
2,4-Dinitrotoluene		2.0E-04		2.4E-04								4.4E-04
2,6-Dinitrotoluene		2.1E-03		2.5E-03								4.7E-03
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04

Table H-470 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum				7.9E-03	2.4E-02					7.7E-05	5.1E-04	3.2E-02
Antimony	3.9E-14			7.6E-04	1.2E-03							2.0E-03
Arsenic	2.7E-12	2.0E-03	1.5E-03	4.7E-03	7.2E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	7.7E-06	2.6E-05	1.6E-02
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt				6.5E-02	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	1.6E-04	6.7E-04	2.0E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				2.4E-02	5.7E-02							8.1E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	9.6E-05	5.9E-04	6.9E-04
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.0E-02	4.0E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	2.2E-04	9.5E-04	6.1E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Thallium (Soluble Salts)				1.1E-02	1.4E-02							2.5E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												

Table H-470 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	1.1E-04	6.2E-06	6.2E-06			1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
DDE												
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.6E-02						1.6E-02

Table H-470 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
1,4-Dioxane						2.4E-03						2.4E-03
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						4.1E-03						4.1E-03
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.9E-03	9.1E-07	1.4E-04	1.4E-04			5.2E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15

Table H-470 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.8E-03	6.7E-05	3.2E-04	3.2E-04			3.5E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.5E-03	5.0E-09	1.5E-04	1.5E-04			1.8E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					2.6E-04	4.6E-08	2.4E-05	2.4E-05			3.1E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					9.6E-05	4.5E-07	2.4E-08	2.4E-08			9.6E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07

Table H-470 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.3E-03	8.4E-09	4.5E-10	4.5E-10			2.3E-03
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	4.8E-09	4.3E-03	1.5E-03	1.4E-01	2.7E-01	6.2E-01	4.0E+00	1.0E-03	1.0E-03	5.6E-04	2.7E-03	5.1E+00

Table H-471 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.4E-10	3.2E-10	1.7E-11	1.7E-11			4.9E-10
Formaldehyde						3.2E-06	1.5E-05	4.3E-11	4.3E-11			1.8E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	5.1E-17	4.2E-14	5.9E-14	1.6E-13	4.6E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.4E-18	1.5E-17	5.0E-11
1,2,3,4,6,7,8-HpCDF	5.0E-17	4.2E-14	5.9E-14	1.7E-13	4.7E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.4E-18	1.5E-17	5.0E-11
1,2,3,4,7,8,9-HpCDF	8.1E-18	4.9E-15	6.8E-15	1.9E-14	5.4E-14	1.8E-12	4.1E-12	2.2E-13	2.2E-13	2.7E-19	1.7E-18	6.4E-12
1,2,3,4,7,8-HxCDD	6.1E-16	4.8E-14	6.6E-14	1.9E-13	5.2E-13	1.7E-11	3.8E-11	2.1E-12	2.1E-12	2.7E-18	1.7E-17	6.0E-11
1,2,3,4,7,8-HxCDF	4.2E-15	3.8E-13	5.3E-13	1.5E-12	4.2E-12	1.3E-10	3.1E-10	1.7E-11	1.7E-11	2.1E-17	1.3E-16	4.9E-10
1,2,3,6,7,8-HxCDD	1.2E-15	9.7E-14	1.4E-13	3.8E-13	1.1E-12	3.5E-11	8.0E-11	4.4E-12	4.4E-12	5.5E-18	3.4E-17	1.3E-10
1,2,3,6,7,8-HxCDF	1.6E-15	1.2E-13	1.7E-13	4.9E-13	1.4E-12	4.4E-11	1.0E-10	5.5E-12	5.5E-12	7.0E-18	4.3E-17	1.6E-10
1,2,3,7,8,9-HxCDD	1.7E-15	1.5E-13	2.1E-13	6.0E-13	1.7E-12	5.3E-11	1.2E-10	6.6E-12	6.6E-12	8.6E-18	5.3E-17	1.9E-10
1,2,3,7,8,9-HxCDF	1.3E-16	8.8E-15	1.2E-14	3.5E-14	9.7E-14	3.4E-12	7.7E-12	4.2E-13	4.2E-13	5.0E-19	3.1E-18	1.2E-11
1,2,3,7,8-PeCDD	3.8E-14	5.4E-13	7.5E-13	2.1E-12	5.9E-12	2.1E-10	4.9E-10	2.6E-11	2.6E-11	3.0E-17	1.9E-16	7.6E-10
1,2,3,7,8-PeCDF	2.7E-15	3.2E-14	4.4E-14	1.2E-13	3.5E-13	1.5E-11	3.5E-11	1.9E-12	1.9E-12	1.8E-18	1.1E-17	5.4E-11
2,3,4,6,7,8-HxCDF	2.3E-15	1.9E-13	2.7E-13	7.6E-13	2.1E-12	6.8E-11	1.6E-10	8.5E-12	8.5E-12	1.1E-17	6.7E-17	2.4E-10
2,3,4,7,8-PeCDF	4.2E-14	7.6E-13	1.1E-12	3.0E-12	8.3E-12	3.4E-10	7.8E-10	4.2E-11	4.2E-11	4.3E-17	2.6E-16	1.2E-09
2,3,7,8-TCDD	1.3E-14	1.1E-13	1.5E-13	4.4E-13	1.2E-12	8.4E-11	1.9E-10	1.1E-11	1.1E-11	4.3E-15	2.7E-14	3.0E-10
2,3,7,8-TCDF	4.4E-15	2.0E-14	2.8E-14	7.9E-14	2.2E-13	3.1E-11	7.2E-11	3.9E-12	3.9E-12	1.1E-18	7.0E-18	1.1E-10
OCDD	6.8E-21	2.8E-16	4.0E-16	1.1E-15	3.1E-15	9.2E-14	2.1E-13	1.1E-14	1.1E-14	1.6E-20	9.9E-20	3.3E-13
OCDF	2.5E-21	1.1E-16	1.5E-16	4.3E-16	1.2E-15	3.4E-14	7.9E-14	4.3E-15	4.3E-15	6.2E-21	3.8E-20	1.2E-13
DNT												
2,4-Dinitrotoluene		5.3E-09		6.3E-09						8.9E-14		1.2E-08
2,6-Dinitrotoluene		4.1E-08		4.9E-08								9.0E-08
HCN												
Hydrogen cyanide												

Table H-471 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum												
Antimony												
Arsenic	5.2E-17	3.8E-08	1.2E-08	9.1E-08	5.5E-08	1.1E-10	2.5E-10	1.4E-11	1.4E-11	2.1E-11	2.9E-11	2.0E-07
Barium												
Beryllium						4.4E-12	1.0E-11	5.5E-13	5.5E-13	5.3E-21	3.2E-20	1.6E-11
Cadmium						5.8E-11	1.3E-10	7.3E-12	7.3E-12	3.1E-21	1.9E-20	2.1E-10
Chromium												
Cobalt						3.8E-09	8.8E-09	4.7E-10	4.7E-10	3.7E-10	2.6E-09	1.6E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.9E-11	8.9E-11	4.8E-12	4.8E-12	2.2E-10	1.6E-09	1.9E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.0E-19	4.1E-19	2.7E-19	7.5E-19							1.7E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.9E-13	4.9E-09	7.2E-14	4.4E-09	1.3E-13	1.4E-11	3.3E-11	1.8E-12	1.8E-12	1.0E-11	6.2E-11	9.4E-09

Table H-471 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene	9.5E-13	8.3E-08	4.1E-08	7.5E-08	7.5E-08	5.5E-11	1.3E-10	6.9E-12	6.9E-12	5.5E-13	1.2E-12	2.7E-07
Benzo(b)fluoranthene	2.6E-14	1.8E-08	3.7E-09	1.6E-08	6.8E-09	6.2E-12	1.4E-11	7.7E-13	7.7E-13	1.2E-13	1.1E-13	4.4E-08
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	1.9E-17	1.1E-10	2.0E-16	1.0E-10	3.6E-16	5.5E-14	1.3E-13	6.9E-15	6.9E-15	7.6E-15	5.9E-20	2.2E-10
Biphenyl				1.1E-18	3.2E-18							4.3E-18
Chrysene	3.3E-16	7.1E-11	9.1E-16	6.4E-11	1.6E-15	2.4E-12	5.6E-12	3.0E-13	3.0E-13	4.7E-15	2.7E-19	1.4E-10
Dibenze(a,h)anthracene	4.7E-14	3.1E-09	1.2E-13	2.8E-09	2.1E-13	9.5E-12	2.2E-11	1.2E-12	1.2E-12	2.3E-14	3.7E-18	5.9E-09
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.2E-14	4.4E-09	3.3E-14	4.0E-09	6.0E-14	2.9E-12	6.7E-12	3.6E-13	3.6E-13	3.0E-14	9.8E-19	8.4E-09
Napthalene						2.2E-10	5.0E-10	2.7E-11	2.7E-11			7.7E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.8E-17	1.1E-18	1.5E-18	9.0E-19	2.5E-18	8.0E-14	1.8E-13	9.9E-15	9.9E-15	2.4E-20	1.5E-19	2.8E-13
Heptachlorobiphenyl	2.0E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	3.1E-14	7.2E-14	3.9E-15	3.9E-15	4.2E-20	2.6E-19	1.1E-13
Hexachlorobiphenyl	7.9E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	1.3E-13	3.0E-13	1.6E-14	1.6E-14	1.9E-19	1.2E-18	4.6E-13
Monochlorobiphenyl	1.3E-16	7.4E-18	1.0E-17	6.2E-18	1.7E-17	5.5E-13	1.3E-12	6.9E-14	6.9E-14	1.7E-19	1.0E-18	2.0E-12
Nonachlorobiphenyl	2.4E-18	6.1E-19	8.6E-19	5.2E-19	1.4E-18	4.4E-15	1.0E-14	5.5E-16	5.5E-16	7.5E-21	4.6E-20	1.6E-14
Octachlorobiphenyl	5.8E-18	1.1E-18	1.6E-18	9.5E-19	2.7E-18	9.5E-15	2.2E-14	1.2E-15	1.2E-15	1.4E-20	8.5E-20	3.4E-14
Pentachlorobiphenyl	2.6E-16	5.6E-17	7.9E-17	4.8E-17	1.3E-16	4.5E-13	1.0E-12	5.6E-14	5.6E-14	6.9E-19	4.3E-18	1.6E-12
Tetrachlorobiphenyl	5.4E-18	4.1E-19	5.7E-19	3.4E-19	9.6E-19	2.6E-14	6.0E-14	3.2E-15	3.2E-15	9.1E-21	5.6E-20	9.2E-14
Trichlorobiphenyl	7.1E-18	4.9E-19	6.8E-19	4.1E-19	1.2E-18	3.3E-14	7.6E-14	4.1E-15	4.1E-15	1.1E-20	6.8E-20	1.2E-13
Pesticides												
DDE				7.5E-10	4.0E-09					6.8E-12	4.2E-11	4.8E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene						4.1E-08						4.1E-08

Table H-471 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-dichlorobenzene												
1,4-dichlorobenzene	2.1E-20					7.2E-13	1.7E-12	8.9E-14	8.9E-14			2.5E-12
1,4-Dioxane						1.6E-08						1.6E-08
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.9E-16	4.0E-15	5.6E-15	4.8E-15	1.3E-14	2.0E-11	4.5E-11	2.4E-12	2.4E-12	4.0E-20	2.5E-19	7.0E-11
Butyl benzyl phthalate	1.4E-17	2.6E-19	3.7E-19	3.1E-19	8.8E-19							1.6E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	2.3E-17					4.2E-11	9.7E-11	5.2E-12	5.2E-12			1.5E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	3.0E-21					4.3E-14	9.9E-14	5.4E-15	5.4E-15			1.5E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.4E-18											1.4E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	3.2E-20					1.8E-12	4.1E-12	2.2E-13	2.2E-13			6.3E-12
1,2-Dichloroethane	4.5E-20					3.8E-08	7.1E-12	1.1E-09	1.1E-09			4.0E-08
1,3,5-Trimethylbenzene												

Table H-471 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												
Benzene	4.7E-18					2.8E-08	6.7E-10	3.2E-09	3.2E-09			3.5E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	8.3E-22					1.5E-13	3.5E-13	1.9E-14	1.9E-14			5.4E-13
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	4.0E-22					3.8E-08	1.3E-13	4.0E-09	4.0E-09			4.6E-08
Chlorobenzene												
Chlorodibromomethane	6.6E-20											6.6E-20
Chloroethane												
Chloroform	3.7E-21					2.5E-08	4.5E-12	2.4E-09	2.4E-09			2.9E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	7.0E-19					1.0E-08	4.8E-11	2.6E-12	2.6E-12			1.0E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	2.2E-21					7.7E-15	1.8E-14	9.7E-16	9.7E-16			2.8E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.9E-23					1.3E-15	3.1E-15	1.7E-16	1.7E-16			4.8E-15
Toluene												

Table H-471 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.3E-23					8.0E-10	2.9E-15	1.6E-16	1.6E-16			8.0E-10
Trichlorofluoromethane												
Vinyl chloride	1.5E-20					9.3E-13	2.2E-12	1.2E-13	1.2E-13			3.3E-12
Grand Total	1.3E-12	2.0E-07	5.7E-08	2.5E-07	1.4E-07	3.4E-06	1.5E-05	1.1E-08	1.1E-08	6.3E-10	4.4E-09	1.9E-05

Table H-472 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					5.8E-01	2.7E+00	7.9E-06	7.9E-06			3.3E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
DNT												
2,4-Dinitrotoluene		2.0E-04		2.4E-04								4.4E-04
2,6-Dinitrotoluene		2.1E-03		2.5E-03								4.7E-03
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04

Table H-472 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum				7.9E-03	1.9E-02					7.7E-05	4.1E-04	2.8E-02
Antimony	3.9E-14			7.6E-04	4.2E-04							1.2E-03
Arsenic	2.7E-12	2.0E-03	6.1E-04	4.7E-03	2.9E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	7.7E-06	1.0E-05	1.0E-02
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt				6.5E-02	2.1E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	1.6E-04	1.1E-03	2.8E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				2.4E-02	6.2E-02							8.6E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	9.6E-05	5.9E-04	6.9E-04
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.0E-02	6.6E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	2.2E-04	1.6E-03	8.8E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Thallium (Soluble Salts)				1.1E-02								1.1E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												

Table H-472 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	1.1E-04	6.2E-06	6.2E-06			1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
DDE												
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.6E-02						1.6E-02

Table H-472 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
1,4-Dioxane						2.4E-03						2.4E-03
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						4.1E-03						4.1E-03
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.9E-03	9.1E-07	1.4E-04	1.4E-04			5.2E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15

Table H-472 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.8E-03	6.7E-05	3.2E-04	3.2E-04			3.5E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.5E-03	5.0E-09	1.5E-04	1.5E-04			1.8E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					2.6E-04	4.6E-08	2.4E-05	2.4E-05			3.1E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					9.6E-05	4.5E-07	2.4E-08	2.4E-08			9.6E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07

Table H-472 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.3E-03	8.4E-09	4.5E-10	4.5E-10			2.3E-03
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	4.8E-09	4.3E-03	6.1E-04	1.4E-01	3.6E-01	6.2E-01	2.8E+00	1.0E-03	1.0E-03	5.6E-04	3.7E-03	3.9E+00

Table H-473 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.4E-10	4.9E-09	1.7E-11	1.6E-09			6.7E-09
Formaldehyde						3.2E-06	1.1E-08	4.3E-11	3.8E-09			3.2E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	5.1E-17	4.2E-14	7.8E-13	1.6E-13	6.2E-12	1.4E-11	5.5E-10	1.7E-12	1.8E-10	2.4E-18	1.9E-16	7.6E-10
1,2,3,4,6,7,8-HpCDF	5.0E-17	4.2E-14	7.9E-13	1.7E-13	6.2E-12	1.4E-11	5.5E-10	1.7E-12	1.8E-10	2.4E-18	2.0E-16	7.6E-10
1,2,3,4,7,8,9-HpCDF	8.1E-18	4.9E-15	9.5E-14	1.9E-14	7.5E-13	1.8E-12	7.2E-11	2.2E-13	2.4E-11	2.7E-19	2.4E-17	9.9E-11
1,2,3,4,7,8-HxCDD	6.1E-16	4.8E-14	9.2E-13	1.9E-13	7.2E-12	1.7E-11	6.7E-10	2.1E-12	2.2E-10	2.7E-18	2.3E-16	9.2E-10
1,2,3,4,7,8-HxCDF	4.2E-15	3.8E-13	7.3E-12	1.5E-12	5.7E-11	1.3E-10	5.4E-09	1.7E-11	1.8E-09	2.1E-17	1.8E-15	7.5E-09
1,2,3,6,7,8-HxCDD	1.2E-15	9.7E-14	1.9E-12	3.8E-13	1.5E-11	3.5E-11	1.4E-09	4.4E-12	4.7E-10	5.5E-18	4.7E-16	1.9E-09
1,2,3,6,7,8-HxCDF	1.6E-15	1.2E-13	2.4E-12	4.9E-13	1.9E-11	4.4E-11	1.8E-09	5.5E-12	5.9E-10	7.0E-18	6.0E-16	2.4E-09
1,2,3,7,8,9-HxCDD	1.7E-15	1.5E-13	3.0E-12	6.0E-13	2.3E-11	5.3E-11	2.1E-09	6.6E-12	7.1E-10	8.6E-18	7.3E-16	2.9E-09
1,2,3,7,8,9-HxCDF	1.3E-16	8.8E-15	1.7E-13	3.5E-14	1.4E-12	3.4E-12	1.4E-10	4.2E-13	4.6E-11	5.0E-19	4.3E-17	1.9E-10
1,2,3,7,8-PeCDD	3.8E-14	5.4E-13	1.1E-11	2.1E-12	8.3E-11	2.1E-10	8.6E-09	2.6E-11	2.9E-09	3.0E-17	2.6E-15	1.2E-08
1,2,3,7,8-PeCDF	2.7E-15	3.2E-14	6.2E-13	1.2E-13	4.9E-12	1.5E-11	6.1E-10	1.9E-12	2.0E-10	1.8E-18	1.5E-16	8.4E-10
2,3,4,6,7,8-HxCDF	2.3E-15	1.9E-13	3.6E-12	7.6E-13	2.9E-11	6.8E-11	2.7E-09	8.5E-12	9.0E-10	1.1E-17	9.1E-16	3.7E-09
2,3,4,7,8-PeCDF	4.2E-14	7.6E-13	1.5E-11	3.0E-12	1.2E-10	3.4E-10	1.4E-08	4.2E-11	4.6E-09	4.3E-17	3.7E-15	1.9E-08
2,3,7,8-TCDD	1.3E-14	1.1E-13	1.6E-12	4.4E-13	1.3E-11	8.4E-11	2.8E-09	1.1E-11	9.4E-10	4.3E-15	2.8E-13	3.9E-09
2,3,7,8-TCDF	4.4E-15	2.0E-14	4.0E-13	7.9E-14	3.2E-12	3.1E-11	1.3E-09	3.9E-12	4.3E-10	1.1E-18	1.0E-16	1.7E-09
OCDD	6.8E-21	2.8E-16	5.2E-15	1.1E-15	4.1E-14	9.2E-14	3.6E-12	1.1E-14	1.2E-12	1.6E-20	1.3E-18	5.0E-12
OCDF	2.5E-21	1.1E-16	2.0E-15	4.3E-16	1.5E-14	3.4E-14	1.3E-12	4.3E-15	4.5E-13	6.2E-21	4.9E-19	1.8E-12
DNT												
2,4-Dinitrotoluene		5.3E-09		6.3E-09						8.9E-14		1.2E-08
2,6-Dinitrotoluene		4.1E-08		4.9E-08								9.0E-08
HCN												
Hydrogen cyanide												

Table H-473 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum												
Antimony												
Arsenic	5.2E-17	3.8E-08	3.1E-18	9.1E-08	1.5E-17	1.1E-10	3.9E-09	1.4E-11	1.3E-09	2.1E-11	7.6E-21	1.3E-07
Barium												
Beryllium						4.4E-12	1.5E-10	5.5E-13	5.0E-11	5.3E-21	4.4E-19	2.0E-10
Cadmium						5.8E-11	2.0E-09	7.3E-12	6.8E-10	3.1E-21	2.6E-19	2.8E-09
Chromium												
Cobalt						3.8E-09	6.9E-08	4.7E-10	2.3E-08	3.7E-10	2.3E-13	9.7E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.9E-11	1.3E-09	4.8E-12	4.4E-10	2.2E-10	1.9E-19	2.0E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.0E-19	6.0E-18	2.7E-19	1.1E-17							1.8E-17
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.9E-13	4.9E-09	1.1E-12	4.4E-09	2.1E-12	1.4E-11	6.1E-10	1.8E-12	2.0E-10	1.0E-11	1.0E-14	1.0E-08

Table H-473 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Outdoor Vapors at CJ	Inhalation of Outdoor Vapors at Home	Grand Total
Benzo(a)pyrene	9.5E-13	8.3E-08	5.0E-12	7.5E-08	9.0E-12	5.5E-11	2.3E-09	6.9E-12	7.7E-10	5.5E-13	1.5E-16	1.6E-07
Benzo(b)fluoranthene	2.6E-14	1.8E-08	2.7E-14	1.6E-08	4.8E-14	6.2E-12	2.5E-10	7.7E-13	8.3E-11	1.2E-13	7.9E-19	3.4E-08
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	1.9E-17	1.1E-10	1.3E-15	1.0E-10	2.4E-15	5.5E-14	9.8E-13	6.9E-15	3.3E-13	7.6E-15	3.9E-19	2.2E-10
Biphenyl				1.1E-18	4.8E-17							4.9E-17
Chrysene	3.3E-16	7.1E-11	1.3E-14	6.4E-11	2.4E-14	2.4E-12	1.0E-10	3.0E-13	3.3E-11	4.7E-15	3.9E-18	2.7E-10
Dibenzo(a,h)anthracene	4.7E-14	3.1E-09	1.6E-12	2.8E-09	3.0E-12	9.5E-12	3.9E-10	1.2E-12	1.3E-10	2.3E-14	5.3E-17	6.4E-09
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.2E-14	4.4E-09	4.7E-13	4.0E-09	8.6E-13	2.9E-12	1.2E-10	3.6E-13	4.0E-11	3.0E-14	1.4E-17	8.6E-09
Napthalene						2.2E-10	9.0E-09	2.7E-11	3.0E-09			1.2E-08
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.8E-17	1.1E-18	2.1E-17	9.0E-19	3.6E-17	8.0E-14	3.3E-12	9.9E-15	1.1E-12	2.4E-20	2.1E-18	4.4E-12
Heptachlorobiphenyl	2.0E-17	3.5E-18	6.7E-17	2.9E-18	1.1E-16	3.1E-14	1.3E-12	3.9E-15	4.2E-13	4.2E-20	3.6E-18	1.7E-12
Hexachlorobiphenyl	7.9E-17	1.6E-17	2.8E-16	1.3E-17	4.8E-16	1.3E-13	5.1E-12	1.6E-14	1.7E-12	1.9E-19	1.5E-17	6.9E-12
Monochlorobiphenyl	1.3E-16	7.4E-18	1.5E-16	6.2E-18	2.5E-16	5.5E-13	2.3E-11	6.9E-14	7.6E-12	1.7E-19	1.5E-17	3.1E-11
Nonachlorobiphenyl	2.4E-18	6.1E-19	9.5E-18	5.2E-19	1.6E-17	4.4E-15	1.6E-13	5.5E-16	5.2E-14	7.5E-21	5.1E-19	2.1E-13
Octachlorobiphenyl	5.8E-18	1.1E-18	2.0E-17	9.5E-19	3.5E-17	9.5E-15	3.7E-13	1.2E-15	1.2E-13	1.4E-20	1.1E-18	5.1E-13
Pentachlorobiphenyl	2.6E-16	5.6E-17	9.6E-16	4.8E-17	1.6E-15	4.5E-13	1.7E-11	5.6E-14	5.6E-12	6.9E-19	5.2E-17	2.3E-11
Tetrachlorobiphenyl	5.4E-18	4.1E-19	6.8E-18	3.4E-19	1.2E-17	2.6E-14	9.7E-13	3.2E-15	3.2E-13	9.1E-21	6.8E-19	1.3E-12
Trichlorobiphenyl	7.1E-18	4.9E-19	8.7E-18	4.1E-19	1.5E-17	3.3E-14	1.3E-12	4.1E-15	4.2E-13	1.1E-20	8.6E-19	1.7E-12
Pesticides												
DDE				7.5E-10						6.8E-12		7.6E-10
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene						4.1E-08						4.1E-08

Table H-473 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-dichlorobenzene												
1,4-dichlorobenzene	2.1E-20					7.2E-13	3.2E-11	8.9E-14	1.1E-11			4.4E-11
1,4-Dioxane						1.6E-08						1.6E-08
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.9E-16	4.0E-15	7.2E-14	4.8E-15	1.7E-13	2.0E-11	7.6E-10	2.4E-12	2.5E-10	4.0E-20	3.2E-18	1.0E-09
Butyl benzyl phthalate	1.4E-17	2.6E-19	5.4E-18	3.1E-19	1.3E-17							3.3E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	2.3E-17					4.2E-11	7.5E-10	5.2E-12	2.5E-10			1.0E-09
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	3.0E-21					4.3E-14	1.4E-12	5.4E-15	4.8E-13			2.0E-12
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.4E-18											1.4E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	3.2E-20					1.8E-12	3.2E-11	2.2E-13	1.1E-11			4.4E-11
1,2-Dichloroethane	4.5E-20					3.8E-08	1.2E-10	1.1E-09	3.9E-11			3.9E-08
1,3,5-Trimethylbenzene												

Table H-473 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												
Benzene	4.7E-18					2.8E-08	1.1E-08	3.2E-09	3.8E-09			4.7E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	8.3E-22					1.5E-13	2.7E-12	1.9E-14	9.0E-13			3.8E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	4.0E-22					3.8E-08	1.0E-12	4.0E-09	3.3E-13			4.2E-08
Chlorobenzene												
Chlorodibromomethane	6.6E-20											6.6E-20
Chloroethane												
Chloroform	3.7E-21					2.5E-08	3.8E-11	2.4E-09	1.3E-11			2.7E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	7.0E-19					1.0E-08	7.9E-10	2.6E-12	2.6E-10			1.1E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	2.2E-21					7.7E-15	2.8E-13	9.7E-16	9.5E-14			3.9E-13
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.9E-23					1.3E-15	4.7E-14	1.7E-16	1.6E-14			6.4E-14
Toluene												

Table H-473 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.3E-23					8.0E-10	2.3E-14	1.6E-16	7.6E-15			8.0E-10
Trichlorofluoromethane												
Vinyl chloride	1.5E-20					9.3E-13	2.3E-11	1.2E-13	7.6E-12			3.1E-11
Grand Total	1.3E-12	2.0E-07	5.7E-11	2.5E-07	4.0E-10	3.4E-06	1.6E-07	1.1E-08	5.4E-08	6.3E-10	5.3E-13	4.1E-06

Table H-474 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	1.5E-03	5.2E-06	5.0E-04			2.0E-03
Aldehydes												
Acetaldehyde						1.6E-04	5.8E-03	2.0E-05	1.9E-03			7.9E-03
Formaldehyde	2.3E-12					5.8E-01	2.1E-03	7.9E-06	6.9E-04			5.9E-01
Propionaldehyde						2.0E-05	7.2E-04	2.5E-06	2.4E-04	2.1E-12	1.5E-10	9.8E-04
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.5E-07	2.0E-07	5.9E-06	1.3E-06	4.3E-05	1.6E-07	1.4E-05	1.2E-10	7.8E-09	6.6E-05
2,3,7,8-TCDF												
OCDD												
OCDF												
DNT												
2,4-Dinitrotoluene		2.0E-04		2.4E-04								4.4E-04
2,6-Dinitrotoluene		2.1E-03		2.5E-03								4.7E-03
HCN												
Hydrogen cyanide						2.0E-04	7.7E-03	2.5E-05	2.6E-03			1.1E-02

Table H-474 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum				7.9E-03						7.7E-05		7.9E-03
Antimony	3.9E-14			7.6E-04								7.6E-04
Arsenic	2.7E-12	2.0E-03	1.6E-13	4.7E-03	7.6E-13	4.0E-05	1.4E-03	4.9E-06	4.7E-04	7.7E-06	2.7E-15	8.6E-03
Barium	1.2E-11			1.6E-08	5.4E-07	2.5E-04	6.8E-03	3.1E-05	2.3E-03	3.1E-10	2.3E-08	9.3E-03
Beryllium	1.7E-14			5.2E-13	2.0E-11	2.1E-06	7.3E-05	2.7E-07	2.4E-05	2.6E-15	2.1E-13	9.9E-05
Cadmium	8.3E-12			8.2E-13	3.1E-11	7.6E-05	2.6E-03	9.5E-06	8.8E-04	4.0E-15	3.4E-13	3.6E-03
Chromium	1.7E-15			5.5E-11	2.2E-09							2.2E-09
Cobalt				6.5E-02	3.3E-05	1.6E-03	3.0E-02	2.0E-04	9.9E-03	1.6E-04	1.8E-07	1.1E-01
Copper				8.4E-09	3.2E-07							3.3E-07
Iron				2.4E-02								2.4E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.5E-09	7.8E-08	2.8E-06	9.8E-09	9.2E-07	5.6E-15	3.8E-13	3.8E-06
Mercury, elemental						3.3E-10	1.2E-08	4.1E-11	3.8E-09	9.6E-05		9.6E-05
Methyl Mercury	8.7E-11			2.0E-11	7.9E-10							8.9E-10
Nickel	1.7E-13			2.0E-02	7.8E-12	3.9E-05	1.3E-03	4.8E-06	4.4E-04	2.2E-04	1.9E-13	2.2E-02
Phosphorus				3.7E-10	1.4E-08							1.4E-08
Selenium	5.5E-14			8.1E-15	3.1E-13	8.7E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-20	8.4E-18	4.2E-07
Silver	4.2E-14			1.7E-10	6.2E-09							6.4E-09
Thallium (Soluble Salts)				1.1E-02								1.1E-02
Titanium												
Zinc	1.4E-11			6.1E-13	2.2E-11							3.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	6.9E-14	3.1E-15	1.3E-13							2.0E-13
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	1.2E-12	5.2E-14	2.1E-12							3.4E-12
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												

Table H-474 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	2.8E-13	2.8E-04	1.2E-02	3.5E-05	3.9E-03	4.9E-12	4.5E-10	1.6E-02
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	3.4E-11	1.5E-12	6.3E-11							1.1E-10
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	2.1E-03	6.2E-06	6.9E-04			2.8E-03
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.7E-10	7.6E-12	3.1E-10							5.1E-10
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.8E-10	7.8E-12	3.1E-10							6.0E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	7.2E-11	3.2E-12	1.2E-10	9.8E-10	3.9E-08	1.2E-10	1.3E-08	2.5E-15	2.1E-13	5.4E-08
Hexachlorobiphenyl	4.6E-11	1.7E-11	3.0E-10	1.4E-11	5.1E-10	4.1E-06	1.6E-04	5.1E-07	5.3E-05	1.1E-11	8.8E-10	2.2E-04
Monochlorobiphenyl	6.1E-10	6.4E-11	1.3E-09	5.4E-11	2.2E-09							4.2E-09
Nonachlorobiphenyl	1.4E-12	6.6E-13	1.0E-11	5.6E-13	1.7E-11							3.0E-11
Octachlorobiphenyl	3.4E-12	1.2E-12	2.2E-11	1.0E-12	3.7E-11							6.5E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	1.0E-09	5.1E-11	1.8E-09	4.6E-05	1.7E-03	5.7E-06	5.7E-04	1.3E-10	9.9E-09	2.3E-03
Tetrachlorobiphenyl	2.6E-11	3.5E-12	6.0E-11	3.0E-12	1.0E-10	2.3E-07	8.7E-06	2.9E-08	2.9E-06	1.5E-13	1.1E-11	1.2E-05
Trichlorobiphenyl	3.4E-11	4.3E-12	7.6E-11	3.6E-12	1.3E-10							2.5E-10
Pesticides												
DDE												
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	4.3E-06	1.7E-08	1.4E-06			5.9E-06
1,2-dichlorobenzene	3.1E-17					5.4E-10	9.7E-09	6.8E-11	3.2E-09			1.4E-08
1,3-Butadiene						1.6E-02						1.6E-02

Table H-474 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	8.5E-08	2.4E-10	2.8E-08			1.2E-07
1,4-Dioxane						2.4E-03						2.4E-03
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	3.9E-06	1.2E-08	1.3E-06			5.3E-06
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	6.0E-09	4.0E-10	1.4E-08							2.1E-08
Butyl benzyl phthalate	8.8E-13	1.6E-14	3.3E-13	1.9E-14	7.9E-13							2.0E-12
Carbazole												
Dibenzofuran		1.4E-13	2.9E-12	5.7E-13	2.3E-11							2.6E-11
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	6.7E-13	3.9E-14	1.6E-12							1.9E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	8.7E-12	1.1E-12	2.1E-11							3.1E-11
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						4.1E-03						4.1E-03
Phenol	4.9E-13					1.5E-06	6.2E-05	1.9E-07	2.1E-05			8.5E-05
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	1.0E-09	3.3E-12	3.3E-10			1.4E-09
1,1-Dichloroethene	1.2E-19					1.3E-10	2.3E-09	1.6E-11	7.7E-10			3.2E-09
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	6.4E-06	4.5E-08	2.1E-06			9.0E-06
1,2,4-Trimethylbenzene						8.9E-07	2.8E-05	1.1E-07	9.4E-06			3.9E-05
1,2-Dibromoethane	4.1E-17					7.7E-09	1.4E-07	9.6E-10	4.6E-08			1.9E-07
1,2-Dichloroethane	1.9E-15					4.9E-03	1.5E-05	1.4E-04	5.0E-06			5.1E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15

Table H-474 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	2.6E-07	8.3E-10	8.7E-08			3.6E-07
2-Chlorotoluene												
2-Hexanone						2.3E-07	8.2E-06	2.8E-08	2.7E-06			1.1E-05
Benzene	4.9E-13					2.8E-03	1.1E-03	3.2E-04	3.8E-04			4.7E-03
Bromobenzene						6.2E-07	1.1E-05	7.8E-08	3.7E-06			1.5E-05
Bromochloromethane						2.2E-09	3.9E-08	2.8E-10	1.3E-08			5.5E-08
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	2.3E-05	9.5E-08	7.6E-06			3.1E-05
Carbon disulfide	1.3E-17					4.8E-09	1.4E-07	6.0E-10	4.7E-08			1.9E-07
Carbon tetrachloride	3.4E-17					1.5E-03	3.9E-08	1.5E-04	1.3E-08			1.6E-03
Chlorobenzene	2.3E-15					9.6E-08	3.4E-06	1.2E-08	1.1E-06			4.7E-06
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	3.2E-08	1.1E-10	1.1E-08			4.3E-08
Chloroform	2.8E-16					2.6E-04	3.9E-07	2.4E-05	1.3E-07			2.8E-04
Chloromethane						3.4E-07	1.0E-05	4.3E-08	3.5E-06			1.4E-05
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	9.1E-07	6.4E-09	3.0E-07			1.3E-06
Dichlorodifluoromethane	2.4E-20					2.5E-09	4.4E-08	3.1E-10	1.5E-08			6.2E-08
Ethylbenzene	1.5E-14					9.6E-05	7.4E-06	2.4E-08	2.5E-06			1.1E-04
Isopropylbenzene	2.0E-17					3.9E-08	1.3E-06	4.9E-09	4.5E-07			1.8E-06
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.1E-09	1.5E-11	7.1E-10			3.0E-09
Methylene chloride	4.3E-15					3.0E-08	1.1E-06	3.8E-09	3.7E-07			1.5E-06
n-Butylbenzene												
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07			4.2E-07
o-Xylene	1.4E-15					2.3E-07	7.6E-06	2.9E-08	2.5E-06			1.0E-05
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.9E-05	6.4E-08	6.2E-06			2.5E-05
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	1.1E-07	3.8E-10	3.5E-08			1.4E-07
Toluene	2.0E-14					6.3E-08	2.5E-06	7.9E-09	8.3E-07			3.4E-06

Table H-474 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.3E-03	6.5E-08	4.5E-10	2.2E-08			2.3E-03
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.2E-06	6.2E-09	4.0E-07			1.7E-06
Grand Total	4.8E-09	4.3E-03	7.6E-07	1.4E-01	4.0E-05	6.2E-01	7.7E-02	1.0E-03	2.6E-02	5.6E-04	2.2E-07	8.6E-01

Table H-475 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			1.4E-10	1.7E-11		1.5E-10
Formaldehyde			3.4E-10	4.3E-11		3.9E-10
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	4.2E-14	1.6E-13	1.4E-11	1.7E-12	2.4E-18	1.6E-11
1,2,3,4,6,7,8-HpCDF	4.2E-14	1.7E-13	1.4E-11	1.7E-12	2.4E-18	1.6E-11
1,2,3,4,7,8,9-HpCDF	4.9E-15	1.9E-14	1.8E-12	2.2E-13	2.7E-19	2.0E-12
1,2,3,4,7,8-HxCDD	4.8E-14	1.9E-13	1.7E-11	2.1E-12	2.7E-18	1.9E-11
1,2,3,4,7,8-HxCDF	3.8E-13	1.5E-12	1.3E-10	1.7E-11	2.1E-17	1.5E-10
1,2,3,6,7,8-HxCDD	9.7E-14	3.8E-13	3.5E-11	4.4E-12	5.5E-18	4.0E-11
1,2,3,6,7,8-HxCDF	1.2E-13	4.9E-13	4.4E-11	5.5E-12	7.0E-18	5.0E-11
1,2,3,7,8,9-HxCDD	1.5E-13	6.0E-13	5.3E-11	6.6E-12	8.6E-18	6.0E-11
1,2,3,7,8,9-HxCDF	8.8E-15	3.5E-14	3.4E-12	4.2E-13	5.0E-19	3.8E-12
1,2,3,7,8-PeCDD	5.4E-13	2.1E-12	2.1E-10	2.6E-11	3.0E-17	2.4E-10

Table H-475 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	3.2E-14	1.2E-13	1.5E-11	1.9E-12	1.8E-18	1.7E-11
2,3,4,6,7,8-HxCDF	1.9E-13	7.6E-13	6.8E-11	8.5E-12	1.1E-17	7.7E-11
2,3,4,7,8-PeCDF	7.6E-13	3.0E-12	3.4E-10	4.2E-11	4.3E-17	3.8E-10
2,3,7,8-TCDD	1.1E-13	4.4E-13	8.4E-11	1.1E-11	4.3E-15	9.5E-11
2,3,7,8-TCDF	2.0E-14	7.9E-14	3.1E-11	3.9E-12	1.1E-18	3.5E-11
OCDD	2.8E-16	1.1E-15	9.2E-14	1.1E-14	1.6E-20	1.0E-13
OCDF	1.1E-16	4.3E-16	3.4E-14	4.3E-15	6.2E-21	3.9E-14
HCN						
Hydrogen cyanide						
Metals						
Aluminum						
Antimony						
Arsenic	1.3E-08	3.0E-08	1.1E-10	1.4E-11	7.0E-12	4.2E-08
Barium						
Beryllium			4.4E-12	5.5E-13	5.3E-21	5.0E-12
Cadmium			5.8E-11	7.3E-12	3.1E-21	6.6E-11
Chromium						
Cobalt			3.8E-09	4.7E-10	3.4E-10	4.6E-09
Copper						
Iron						
Lead						
Manganese						
Mercury (+2)						

Table H-475 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental						
Methyl Mercury						
Nickel			3.9E-11	4.8E-12	2.2E-10	2.6E-10
Phosphorus						
Selenium						
Silver						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.0E-19	2.7E-19				5.7E-19
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	2.8E-07	2.5E-07	1.4E-11	1.8E-12	5.8E-10	5.4E-07
Benzo(a)pyrene	2.4E-06	2.1E-06	5.5E-11	6.9E-12	1.6E-11	4.5E-06
Benzo(b)fluoranthene	3.8E-07	3.5E-07	6.2E-12	7.7E-13	2.6E-12	7.3E-07
Benzo(e)pyrene						

Table H-475 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	2.1E-08	1.9E-08	5.5E-14	6.9E-15	1.4E-12	3.9E-08
Biphenyl		1.1E-18				1.1E-18
Chrysene	2.9E-09	2.7E-09	2.4E-12	3.0E-13	2.0E-13	5.6E-09
Dibenze(a,h)anthracene	4.6E-07	4.2E-07	9.5E-12	1.2E-12	3.3E-12	8.7E-07
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	6.0E-08	5.5E-08	2.9E-12	3.6E-13	4.1E-13	1.2E-07
Napthalene			2.2E-10	2.7E-11	3.6E-10	6.0E-10
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	1.1E-18	9.0E-19	8.0E-14	9.9E-15	2.4E-20	8.9E-14
Heptachlorobiphenyl	3.5E-18	2.9E-18	3.1E-14	3.9E-15	4.2E-20	3.5E-14
Hexachlorobiphenyl	1.6E-17	1.3E-17	1.3E-13	1.6E-14	1.9E-19	1.5E-13
Monochlorobiphenyl	7.4E-18	6.2E-18	5.5E-13	6.9E-14	1.7E-19	6.2E-13
Nonachlorobiphenyl	6.1E-19	5.2E-19	4.4E-15	5.5E-16	7.5E-21	4.9E-15
Octachlorobiphenyl	1.1E-18	9.5E-19	9.5E-15	1.2E-15	1.4E-20	1.1E-14

Table H-475 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Pentachlorobiphenyl	5.6E-17	4.8E-17	4.5E-13	5.6E-14	6.9E-19	5.0E-13
Tetrachlorobiphenyl	4.1E-19	3.4E-19	2.6E-14	3.2E-15	9.1E-21	2.9E-14
Trichlorobiphenyl	4.9E-19	4.1E-19	3.3E-14	4.1E-15	1.1E-20	3.7E-14
Pesticides						
DDE		9.4E-09			8.5E-11	9.4E-09
Dieldrin	4.2E-08	5.0E-08			7.0E-13	9.2E-08
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-Butadiene			3.5E-08			3.5E-08
1,3-dichlorobenzene						
1,4-dichlorobenzene			7.2E-13	8.9E-14		8.1E-13
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	4.0E-15	4.8E-15	2.0E-11	2.4E-12	4.0E-20	2.2E-11
Butyl benzyl phthalate	2.6E-19	3.1E-19				5.8E-19

Table H-475 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			4.2E-11	5.2E-12		4.7E-11
Isopropanol						
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			4.3E-14	5.4E-15		4.8E-14
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			1.8E-12	2.2E-13		2.0E-12
1,2-Dichloroethane			3.1E-12	1.1E-09		1.1E-09
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						

Table H-475 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
2-Chlorotoluene						
2-Hexanone						
Benzene			3.7E-08	3.2E-09		4.0E-08
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			1.5E-13	1.9E-14		1.7E-13
Bromomethane						
Carbon disulfide						
Carbon tetrachloride			3.6E-08	4.0E-09		4.0E-08
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			3.2E-08	2.4E-09		3.4E-08
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			5.6E-09	2.6E-12		5.6E-09
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			7.7E-15	9.7E-16		8.7E-15

Table H-475 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethene			1.3E-15	1.7E-16		1.5E-15
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			6.4E-09	1.6E-16		6.4E-09
Trichlorofluoromethane						
Vinyl chloride			5.6E-10	1.2E-13		5.6E-10
Grand Total	3.6E-06	3.3E-06	1.6E-07	1.1E-08	1.6E-09	7.1E-06

Table H-476 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			4.2E-05	5.2E-06		4.7E-05
Aldehydes						
Acetaldehyde			1.6E-04	2.0E-05		1.8E-04
Formaldehyde			6.3E-05	7.9E-06		7.1E-05
Propionaldehyde			2.0E-05	2.5E-06	2.1E-12	2.2E-05
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-476 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	5.2E-08	2.0E-07	1.3E-06	1.6E-07	1.2E-10	1.7E-06
2,3,7,8-TCDF						
OCDD						
OCDF						
HCN						
Hydrogen cyanide			2.0E-04	2.5E-05		2.2E-04
Metals						
Aluminum		9.4E-03			9.2E-05	9.5E-03
Antimony		1.1E-03				1.1E-03
Arsenic	6.5E-04	1.5E-03	4.0E-05	4.9E-06	2.5E-06	2.2E-03
Barium		1.6E-08	2.5E-04	3.1E-05	3.1E-10	2.8E-04
Beryllium		5.2E-13	2.1E-06	2.7E-07	2.6E-15	2.4E-06
Cadmium		8.2E-13	7.6E-05	9.5E-06	4.0E-15	8.5E-05
Chromium		5.5E-11				5.5E-11
Cobalt		6.0E-02	1.6E-03	2.0E-04	1.5E-04	6.2E-02
Copper		8.4E-09				8.4E-09
Iron		2.5E-02				2.5E-02
Lead						
Manganese						
Mercury (+2)		1.1E-10	7.8E-08	9.8E-09	5.6E-15	8.8E-08

Table H-476 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental			3.3E-10	4.1E-11	1.4E-04	1.4E-04
Methyl Mercury		2.0E-11				2.0E-11
Nickel		2.0E-02	3.9E-05	4.8E-06	2.2E-04	2.0E-02
Phosphorus		3.7E-10				3.7E-10
Selenium		8.1E-15	8.7E-09	1.1E-09	9.9E-20	9.8E-09
Silver		1.7E-10				1.7E-10
Titanium						
Zinc		6.1E-13				6.1E-13
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.4E-15	3.1E-15				6.5E-15
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	5.8E-14	5.2E-14				1.1E-13
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						
Benzo(e)pyrene						

Table H-476 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						
Biphenyl		6.7E-15	2.8E-04	3.5E-05	4.9E-12	3.1E-04
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	1.7E-12	1.5E-12				3.2E-12
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene	9.4E-06	8.5E-06	5.0E-05	6.2E-06	8.2E-05	1.6E-04
Perylene						
Phenanthrene						
Pyrene	8.3E-12	7.6E-12				1.6E-11
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	9.3E-12	7.8E-12				1.7E-11
Heptachlorobiphenyl	3.7E-12	3.2E-12	9.8E-10	1.2E-10	2.5E-15	1.1E-09
Hexachlorobiphenyl	1.7E-11	1.4E-11	4.1E-06	5.1E-07	1.1E-11	4.6E-06
Monochlorobiphenyl	6.4E-11	5.4E-11				1.2E-10
Nonachlorobiphenyl	6.6E-13	5.6E-13				1.2E-12
Octachlorobiphenyl	1.2E-12	1.0E-12				2.2E-12

Table H-476 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Pentachlorobiphenyl	6.1E-11	5.1E-11	4.6E-05	5.7E-06	1.3E-10	5.1E-05
Tetrachlorobiphenyl	3.5E-12	3.0E-12	2.3E-07	2.9E-08	1.5E-13	2.6E-07
Trichlorobiphenyl	4.3E-12	3.6E-12				7.8E-12
Pesticides						
DDE						
Dieldrin	1.2E-03	1.5E-03				2.7E-03
SVOCs						
1,2,4-trichlorobenzene			1.3E-07	1.7E-08		1.5E-07
1,2-dichlorobenzene			5.4E-10	6.8E-11		6.1E-10
1,3-Butadiene			1.4E-02			1.4E-02
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.9E-09	2.4E-10		2.1E-09
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			9.3E-08	1.2E-08		1.0E-07
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-10	4.0E-10				7.4E-10
Butyl benzyl phthalate	1.6E-14	1.9E-14				3.6E-14

Table H-476 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbazole						
Dibenzofuran	1.4E-13	5.7E-13				7.1E-13
Dimethyl phthalate						
Di-n-butyl phthalate	3.3E-14	3.9E-14				7.1E-14
Di-n-octyl phthalate	9.4E-13	1.1E-12				2.1E-12
Hexachlorobutadiene						
Isopropanol			1.6E-02			1.6E-02
Phenol			1.5E-06	1.9E-07		1.7E-06
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			2.7E-11	3.3E-12		3.0E-11
1,1-Dichloroethene			1.3E-10	1.6E-11		1.5E-10
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.6E-07	4.5E-08		4.1E-07
1,2,4-Trimethylbenzene			8.9E-07	1.1E-07		1.0E-06
1,2-Dibromoethane			7.7E-09	9.6E-10		8.6E-09
1,2-Dichloroethane			4.0E-07	1.4E-04		1.4E-04
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone			6.6E-09	8.3E-10		7.4E-09

Table H-476 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
2-Chlorotoluene						
2-Hexanone			2.3E-07	2.8E-08		2.5E-07
Benzene			3.7E-03	3.2E-04		4.0E-03
Bromobenzene			6.2E-07	7.8E-08		7.0E-07
Bromochloromethane			2.2E-09	2.8E-10		2.5E-09
Bromodichloromethane						
Bromomethane			7.6E-07	9.5E-08		8.6E-07
Carbon disulfide			4.8E-09	6.0E-10		5.4E-09
Carbon tetrachloride			1.4E-03	1.5E-04		1.5E-03
Chlorobenzene			9.6E-08	1.2E-08		1.1E-07
Chlorodibromomethane						
Chloroethane			9.1E-10	1.1E-10		1.0E-09
Chloroform			3.3E-04	2.4E-05		3.5E-04
Chloromethane			3.4E-07	4.3E-08		3.9E-07
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			5.1E-08	6.4E-09		5.7E-08
Dichlorodifluoromethane			2.5E-09	3.1E-10		2.8E-09
Ethylbenzene			5.3E-05	2.4E-08		5.3E-05
Isopropylbenzene			3.9E-08	4.9E-09		4.4E-08
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.2E-10	1.5E-11		1.3E-10
Methylene chloride			3.0E-08	3.8E-09		3.4E-08

Table H-476 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene			9.4E-09	1.2E-09		1.1E-08
o-Xylene			2.3E-07	2.9E-08		2.6E-07
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			5.1E-07	6.4E-08		5.7E-07
tert-Butylbenzene						
Tetrachloroethene			3.0E-09	3.8E-10		3.4E-09
Toluene			6.3E-08	7.9E-09		7.1E-08
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			1.8E-02	4.5E-10		1.8E-02
Trichlorofluoromethane						
Vinyl chloride			3.0E-05	6.2E-09		3.0E-05
Grand Total	1.9E-03	1.2E-01	5.6E-02	1.0E-03	6.9E-04	1.8E-01

Table H-477 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.4E-10	3.2E-10	1.7E-11	1.7E-11			4.9E-10
Formaldehyde						3.4E-10	7.9E-10	4.3E-11	4.3E-11			1.2E-09
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	5.1E-17	4.2E-14	5.9E-14	1.6E-13	4.6E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.4E-18	1.5E-17	5.0E-11
1,2,3,4,6,7,8-HpCDF	5.0E-17	4.2E-14	5.9E-14	1.7E-13	4.7E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.4E-18	1.5E-17	5.0E-11
1,2,3,4,7,8,9-HpCDF	8.1E-18	4.9E-15	6.8E-15	1.9E-14	5.4E-14	1.8E-12	4.1E-12	2.2E-13	2.2E-13	2.7E-19	1.7E-18	6.4E-12
1,2,3,4,7,8-HxCDD	6.1E-16	4.8E-14	6.6E-14	1.9E-13	5.2E-13	1.7E-11	3.8E-11	2.1E-12	2.1E-12	2.7E-18	1.7E-17	6.0E-11
1,2,3,4,7,8-HxCDF	4.2E-15	3.8E-13	5.3E-13	1.5E-12	4.2E-12	1.3E-10	3.1E-10	1.7E-11	1.7E-11	2.1E-17	1.3E-16	4.9E-10
1,2,3,6,7,8-HxCDD	1.2E-15	9.7E-14	1.4E-13	3.8E-13	1.1E-12	3.5E-11	8.0E-11	4.4E-12	4.4E-12	5.5E-18	3.4E-17	1.3E-10
1,2,3,6,7,8-HxCDF	1.6E-15	1.2E-13	1.7E-13	4.9E-13	1.4E-12	4.4E-11	1.0E-10	5.5E-12	5.5E-12	7.0E-18	4.3E-17	1.6E-10
1,2,3,7,8,9-HxCDD	1.7E-15	1.5E-13	2.1E-13	6.0E-13	1.7E-12	5.3E-11	1.2E-10	6.6E-12	6.6E-12	8.6E-18	5.3E-17	1.9E-10
1,2,3,7,8,9-HxCDF	1.3E-16	8.8E-15	1.2E-14	3.5E-14	9.7E-14	3.4E-12	7.7E-12	4.2E-13	4.2E-13	5.0E-19	3.1E-18	1.2E-11
1,2,3,7,8-PeCDD	3.8E-14	5.4E-13	7.5E-13	2.1E-12	5.9E-12	2.1E-10	4.9E-10	2.6E-11	2.6E-11	3.0E-17	1.9E-16	7.6E-10
1,2,3,7,8-PeCDF	2.7E-15	3.2E-14	4.4E-14	1.2E-13	3.5E-13	1.5E-11	3.5E-11	1.9E-12	1.9E-12	1.8E-18	1.1E-17	5.4E-11
2,3,4,6,7,8-HxCDF	2.3E-15	1.9E-13	2.7E-13	7.6E-13	2.1E-12	6.8E-11	1.6E-10	8.5E-12	8.5E-12	1.1E-17	6.7E-17	2.4E-10
2,3,4,7,8-PeCDF	4.2E-14	7.6E-13	1.1E-12	3.0E-12	8.3E-12	3.4E-10	7.8E-10	4.2E-11	4.2E-11	4.3E-17	2.6E-16	1.2E-09
2,3,7,8-TCDD	1.3E-14	1.1E-13	1.5E-13	4.4E-13	1.2E-12	8.4E-11	1.9E-10	1.1E-11	1.1E-11	4.3E-15	2.7E-14	3.0E-10
2,3,7,8-TCDF	4.4E-15	2.0E-14	2.8E-14	7.9E-14	2.2E-13	3.1E-11	7.2E-11	3.9E-12	3.9E-12	1.1E-18	7.0E-18	1.1E-10
OCDD	6.8E-21	2.8E-16	4.0E-16	1.1E-15	3.1E-15	9.2E-14	2.1E-13	1.1E-14	1.1E-14	1.6E-20	9.9E-20	3.3E-13
OCDF	2.5E-21	1.1E-16	1.5E-16	4.3E-16	1.2E-15	3.4E-14	7.9E-14	4.3E-15	4.3E-15	6.2E-21	3.8E-20	1.2E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-477 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	5.2E-17	1.3E-08	1.5E-08	3.0E-08	7.0E-08	1.1E-10	2.5E-10	1.4E-11	1.4E-11	7.0E-12	3.6E-11	1.3E-07
Barium												
Beryllium						4.4E-12	1.0E-11	5.5E-13	5.5E-13	5.3E-21	3.2E-20	1.6E-11
Cadmium						5.8E-11	1.3E-10	7.3E-12	7.3E-12	3.1E-21	1.9E-20	2.1E-10
Chromium												
Cobalt						3.8E-09	8.8E-09	4.7E-10	4.7E-10	3.4E-10	1.5E-09	1.5E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.9E-11	8.9E-11	4.8E-12	4.8E-12	2.2E-10	8.5E-10	1.2E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.0E-19	4.1E-19	2.7E-19	7.5E-19							1.7E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.9E-13	2.8E-07	1.6E-08	2.5E-07	2.9E-08	1.4E-11	3.3E-11	1.8E-12	1.8E-12	5.8E-10	3.6E-09	5.8E-07
Benzo(a)pyrene	9.5E-13	2.4E-06	1.8E-07	2.1E-06	3.2E-07	5.5E-11	1.3E-10	6.9E-12	6.9E-12	1.6E-11	5.2E-12	5.0E-06
Benzo(b)fluoranthene	2.6E-14	3.8E-07	2.5E-08	3.5E-07	4.5E-08	6.2E-12	1.4E-11	7.7E-13	7.7E-13	2.6E-12	7.3E-13	8.0E-07
Benzo(e)pyrene												

Table H-477 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	1.9E-17	2.1E-08	1.2E-09	1.9E-08	2.3E-09	5.5E-14	1.3E-13	6.9E-15	6.9E-15	1.4E-12	3.7E-13	4.3E-08
Biphenyl				1.1E-18	3.2E-18							4.3E-18
Chrysene	3.3E-16	2.9E-09	1.8E-10	2.7E-09	3.3E-10	2.4E-12	5.6E-12	3.0E-13	3.0E-13	2.0E-13	5.3E-14	6.1E-09
Dibenze(a,h)anthracene	4.7E-14	4.6E-07	4.4E-08	4.2E-07	7.9E-08	9.5E-12	2.2E-11	1.2E-12	1.2E-12	3.3E-12	1.4E-12	1.0E-06
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.2E-14	6.0E-08	1.1E-08	5.5E-08	2.1E-08	2.9E-12	6.7E-12	3.6E-13	3.6E-13	4.1E-13	3.4E-13	1.5E-07
Napthalene						2.2E-10	5.0E-10	2.7E-11	2.7E-11	3.6E-10	2.2E-09	3.3E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.8E-17	1.1E-18	1.5E-18	9.0E-19	2.5E-18	8.0E-14	1.8E-13	9.9E-15	9.9E-15	2.4E-20	1.5E-19	2.8E-13
Heptachlorobiphenyl	2.0E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	3.1E-14	7.2E-14	3.9E-15	3.9E-15	4.2E-20	2.6E-19	1.1E-13
Hexachlorobiphenyl	7.9E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	1.3E-13	3.0E-13	1.6E-14	1.6E-14	1.9E-19	1.2E-18	4.6E-13
Monochlorobiphenyl	1.3E-16	7.4E-18	1.0E-17	6.2E-18	1.7E-17	5.5E-13	1.3E-12	6.9E-14	6.9E-14	1.7E-19	1.0E-18	2.0E-12
Nonachlorobiphenyl	2.4E-18	6.1E-19	8.6E-19	5.2E-19	1.4E-18	4.4E-15	1.0E-14	5.5E-16	5.5E-16	7.5E-21	4.6E-20	1.6E-14
Octachlorobiphenyl	5.8E-18	1.1E-18	1.6E-18	9.5E-19	2.7E-18	9.5E-15	2.2E-14	1.2E-15	1.2E-15	1.4E-20	8.5E-20	3.4E-14
Pentachlorobiphenyl	2.6E-16	5.6E-17	7.9E-17	4.8E-17	1.3E-16	4.5E-13	1.0E-12	5.6E-14	5.6E-14	6.9E-19	4.3E-18	1.6E-12
Tetrachlorobiphenyl	5.4E-18	4.1E-19	5.7E-19	3.4E-19	9.6E-19	2.6E-14	6.0E-14	3.2E-15	3.2E-15	9.1E-21	5.6E-20	9.2E-14
Trichlorobiphenyl	7.1E-18	4.9E-19	6.8E-19	4.1E-19	1.2E-18	3.3E-14	7.6E-14	4.1E-15	4.1E-15	1.1E-20	6.8E-20	1.2E-13
Pesticides												
DDE				9.4E-09	3.2E-09					8.5E-11	5.2E-10	1.3E-08
Dieldrin		4.2E-08	6.8E-09	5.0E-08	1.6E-08					7.0E-13	5.0E-13	1.2E-07
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene							3.5E-08					3.5E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	2.1E-20							7.2E-13	1.7E-12	8.9E-14	8.9E-14	2.5E-12

Table H-477 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.9E-16	4.0E-15	5.6E-15	4.8E-15	1.3E-14	2.0E-11	4.5E-11	2.4E-12	2.4E-12	4.0E-20	2.5E-19	7.0E-11
Butyl benzyl phthalate	1.4E-17	2.6E-19	3.7E-19	3.1E-19	8.8E-19							1.6E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	2.3E-17					4.2E-11	9.7E-11	5.2E-12	5.2E-12			1.5E-10
Isopropanol												
p-Chloroaniline			2.8E-09		6.6E-09							9.4E-09
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	3.0E-21					4.3E-14	9.9E-14	5.4E-15	5.4E-15			1.5E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.4E-18											1.4E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	3.2E-20					1.8E-12	4.1E-12	2.2E-13	2.2E-13			6.3E-12
1,2-Dichloroethane	4.5E-20					3.1E-12	4.9E-08	1.1E-09	1.1E-09			5.1E-08
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												

Table H-477 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorotoluene												
2-Hexanone												
Benzene	4.7E-18					3.7E-08	9.0E-08	3.2E-09	3.2E-09			1.3E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	8.3E-22					1.5E-13	5.4E-07	1.9E-14	1.9E-14			5.4E-07
Bromoform							7.2E-08					7.2E-08
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	4.0E-22					3.6E-08	1.0E-07	4.0E-09	4.0E-09			1.4E-07
Chlorobenzene												
Chlorodibromomethane	6.6E-20											6.6E-20
Chloroethane												
Chloroform	3.7E-21					3.2E-08	7.8E-07	2.4E-09	2.4E-09			8.2E-07
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	7.0E-19					5.6E-09	2.4E-08	2.6E-12	2.6E-12			2.9E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	2.2E-21					7.7E-15	1.8E-14	9.7E-16	9.7E-16			2.8E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.9E-23					1.3E-15	3.1E-15	1.7E-16	1.7E-16			4.8E-15
Toluene												
trans-1,2-Dichloroethene												

Table H-477 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,3-Dichloropropene												
Trichloroethene	1.3E-23					6.4E-09	7.9E-08	1.6E-16	1.6E-16			8.5E-08
Trichlorofluoromethane												
Vinyl chloride	1.5E-20					5.6E-10	2.2E-12	1.2E-13	1.2E-13			5.6E-10
Grand Total	1.3E-12	3.6E-06	3.0E-07	3.3E-06	5.9E-07	1.6E-07	1.7E-06	1.1E-08	1.1E-08	1.6E-09	8.7E-09	9.8E-06

Table H-478 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					6.3E-05	1.5E-04	7.9E-06	7.9E-06			2.2E-04
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				9.4E-03	2.0E-02					9.2E-05	4.2E-04	3.0E-02
Antimony	3.9E-14			1.1E-03	3.6E-03							4.7E-03

Table H-478 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	6.5E-04	7.7E-04	1.5E-03	3.6E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	2.5E-06	1.3E-05	6.7E-03
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt				6.0E-02	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	1.5E-04	6.6E-04	1.9E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				2.5E-02	5.4E-02							7.8E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.4E-04	8.9E-04	1.0E-03
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.0E-02	3.5E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	2.2E-04	8.5E-04	5.7E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Thallium (Soluble Salts)					1.7E-02							1.7E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-478 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12	9.4E-06		8.5E-06		5.0E-05	1.1E-04	6.2E-06	6.2E-06	8.2E-05	5.0E-04	7.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
DDE												
Dieldrin		1.2E-03	2.0E-04	1.5E-03	4.7E-04							3.4E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.4E-02						1.4E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09

Table H-478 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.6E-02	1.1E-02					2.7E-02
p-Chloroaniline			8.2E-05		1.9E-04							2.8E-04
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	6.3E-03	1.4E-04	1.4E-04			6.5E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08

Table H-478 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					3.7E-03	9.0E-03	3.2E-04	3.2E-04			1.3E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromoform												
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.4E-03	3.9E-03	1.5E-04	1.5E-04			5.6E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					3.3E-04	8.1E-03	2.4E-05	2.4E-05			8.4E-03
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					5.3E-05	2.2E-04	2.4E-08	2.4E-08			2.7E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15

Table H-478 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					1.8E-02	2.2E-01	4.5E-10	4.5E-10			2.4E-01
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					3.0E-05	1.1E-07	6.2E-09	6.2E-09			3.0E-05
Grand Total	4.8E-09	1.9E-03	1.0E-03	1.2E-01	2.6E-01	5.6E-02	2.7E-01	1.0E-03	1.0E-03	6.9E-04	3.3E-03	7.1E-01

Table H-479 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.4E-10	3.2E-10	1.7E-11	1.7E-11			4.9E-10
Formaldehyde						3.4E-10	2.2E-05	4.3E-11	4.3E-11			2.2E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	5.1E-17	4.2E-14	5.9E-14	1.6E-13	4.6E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.4E-18	1.5E-17	5.0E-11
1,2,3,4,6,7,8-HpCDF	5.0E-17	4.2E-14	5.9E-14	1.7E-13	4.7E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.4E-18	1.5E-17	5.0E-11
1,2,3,4,7,8,9-HpCDF	8.1E-18	4.9E-15	6.8E-15	1.9E-14	5.4E-14	1.8E-12	4.1E-12	2.2E-13	2.2E-13	2.7E-19	1.7E-18	6.4E-12
1,2,3,4,7,8-HxCDD	6.1E-16	4.8E-14	6.6E-14	1.9E-13	5.2E-13	1.7E-11	3.8E-11	2.1E-12	2.1E-12	2.7E-18	1.7E-17	6.0E-11
1,2,3,4,7,8-HxCDF	4.2E-15	3.8E-13	5.3E-13	1.5E-12	4.2E-12	1.3E-10	3.1E-10	1.7E-11	1.7E-11	2.1E-17	1.3E-16	4.9E-10
1,2,3,6,7,8-HxCDD	1.2E-15	9.7E-14	1.4E-13	3.8E-13	1.1E-12	3.5E-11	8.0E-11	4.4E-12	4.4E-12	5.5E-18	3.4E-17	1.3E-10
1,2,3,6,7,8-HxCDF	1.6E-15	1.2E-13	1.7E-13	4.9E-13	1.4E-12	4.4E-11	1.0E-10	5.5E-12	5.5E-12	7.0E-18	4.3E-17	1.6E-10
1,2,3,7,8,9-HxCDD	1.7E-15	1.5E-13	2.1E-13	6.0E-13	1.7E-12	5.3E-11	1.2E-10	6.6E-12	6.6E-12	8.6E-18	5.3E-17	1.9E-10
1,2,3,7,8,9-HxCDF	1.3E-16	8.8E-15	1.2E-14	3.5E-14	9.7E-14	3.4E-12	7.7E-12	4.2E-13	4.2E-13	5.0E-19	3.1E-18	1.2E-11
1,2,3,7,8-PeCDD	3.8E-14	5.4E-13	7.5E-13	2.1E-12	5.9E-12	2.1E-10	4.9E-10	2.6E-11	2.6E-11	3.0E-17	1.9E-16	7.6E-10
1,2,3,7,8-PeCDF	2.7E-15	3.2E-14	4.4E-14	1.2E-13	3.5E-13	1.5E-11	3.5E-11	1.9E-12	1.9E-12	1.8E-18	1.1E-17	5.4E-11
2,3,4,6,7,8-HxCDF	2.3E-15	1.9E-13	2.7E-13	7.6E-13	2.1E-12	6.8E-11	1.6E-10	8.5E-12	8.5E-12	1.1E-17	6.7E-17	2.4E-10
2,3,4,7,8-PeCDF	4.2E-14	7.6E-13	1.1E-12	3.0E-12	8.3E-12	3.4E-10	7.8E-10	4.2E-11	4.2E-11	4.3E-17	2.6E-16	1.2E-09
2,3,7,8-TCDD	1.3E-14	1.1E-13	1.5E-13	4.4E-13	1.2E-12	8.4E-11	1.9E-10	1.1E-11	1.1E-11	4.3E-15	2.7E-14	3.0E-10
2,3,7,8-TCDF	4.4E-15	2.0E-14	2.8E-14	7.9E-14	2.2E-13	3.1E-11	7.2E-11	3.9E-12	3.9E-12	1.1E-18	7.0E-18	1.1E-10
OCDD	6.8E-21	2.8E-16	4.0E-16	1.1E-15	3.1E-15	9.2E-14	2.1E-13	1.1E-14	1.1E-14	1.6E-20	9.9E-20	3.3E-13
OCDF	2.5E-21	1.1E-16	1.5E-16	4.3E-16	1.2E-15	3.4E-14	7.9E-14	4.3E-15	4.3E-15	6.2E-21	3.8E-20	1.2E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-479 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	5.2E-17	1.3E-08	2.9E-08	3.0E-08	1.4E-07	1.1E-10	2.5E-10	1.4E-11	1.4E-11	7.0E-12	7.1E-11	2.1E-07
Barium												
Beryllium						4.4E-12	1.0E-11	5.5E-13	5.5E-13	5.3E-21	3.2E-20	1.6E-11
Cadmium						5.8E-11	1.3E-10	7.3E-12	7.3E-12	3.1E-21	1.9E-20	2.1E-10
Chromium												
Cobalt						3.8E-09	8.8E-09	4.7E-10	4.7E-10	3.4E-10	1.5E-09	1.5E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.9E-11	8.9E-11	4.8E-12	4.8E-12	2.2E-10	9.5E-10	1.3E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.0E-19	4.1E-19	2.7E-19	7.5E-19							1.7E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.9E-13	2.8E-07	7.2E-14	2.5E-07	1.3E-13	1.4E-11	3.3E-11	1.8E-12	1.8E-12	5.8E-10	3.6E-09	5.4E-07
Benzo(a)pyrene	9.5E-13	2.4E-06	3.4E-13	2.1E-06	6.1E-13	5.5E-11	1.3E-10	6.9E-12	6.9E-12	1.6E-11	1.0E-17	4.5E-06
Benzo(b)fluoranthene	2.6E-14	3.8E-07	1.9E-15	3.5E-07	3.5E-15	6.2E-12	1.4E-11	7.7E-13	7.7E-13	2.6E-12	5.7E-20	7.3E-07
Benzo(e)pyrene												

Table H-479 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	1.9E-17	2.1E-08	2.0E-16	1.9E-08	3.6E-16	5.5E-14	1.3E-13	6.9E-15	6.9E-15	1.4E-12	5.9E-20	3.9E-08
Biphenyl				1.1E-18	3.2E-18							4.3E-18
Chrysene	3.3E-16	2.9E-09	9.1E-16	2.7E-09	1.6E-15	2.4E-12	5.6E-12	3.0E-13	3.0E-13	2.0E-13	2.7E-19	5.6E-09
Dibenze(a,h)anthracene	4.7E-14	4.6E-07	1.2E-13	4.2E-07	2.1E-13	9.5E-12	2.2E-11	1.2E-12	1.2E-12	3.3E-12	3.7E-18	8.7E-07
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.2E-14	6.0E-08	3.3E-14	5.5E-08	6.0E-14	2.9E-12	6.7E-12	3.6E-13	3.6E-13	4.1E-13	9.8E-19	1.2E-07
Napthalene						2.2E-10	5.0E-10	2.7E-11	2.7E-11	3.6E-10	2.2E-09	3.3E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.8E-17	1.1E-18	1.5E-18	9.0E-19	2.5E-18	8.0E-14	1.8E-13	9.9E-15	9.9E-15	2.4E-20	1.5E-19	2.8E-13
Heptachlorobiphenyl	2.0E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	3.1E-14	7.2E-14	3.9E-15	3.9E-15	4.2E-20	2.6E-19	1.1E-13
Hexachlorobiphenyl	7.9E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	1.3E-13	3.0E-13	1.6E-14	1.6E-14	1.9E-19	1.2E-18	4.6E-13
Monochlorobiphenyl	1.3E-16	7.4E-18	1.0E-17	6.2E-18	1.7E-17	5.5E-13	1.3E-12	6.9E-14	6.9E-14	1.7E-19	1.0E-18	2.0E-12
Nonachlorobiphenyl	2.4E-18	6.1E-19	8.6E-19	5.2E-19	1.4E-18	4.4E-15	1.0E-14	5.5E-16	5.5E-16	7.5E-21	4.6E-20	1.6E-14
Octachlorobiphenyl	5.8E-18	1.1E-18	1.6E-18	9.5E-19	2.7E-18	9.5E-15	2.2E-14	1.2E-15	1.2E-15	1.4E-20	8.5E-20	3.4E-14
Pentachlorobiphenyl	2.6E-16	5.6E-17	7.9E-17	4.8E-17	1.3E-16	4.5E-13	1.0E-12	5.6E-14	5.6E-14	6.9E-19	4.3E-18	1.6E-12
Tetrachlorobiphenyl	5.4E-18	4.1E-19	5.7E-19	3.4E-19	9.6E-19	2.6E-14	6.0E-14	3.2E-15	3.2E-15	9.1E-21	5.6E-20	9.2E-14
Trichlorobiphenyl	7.1E-18	4.9E-19	6.8E-19	4.1E-19	1.2E-18	3.3E-14	7.6E-14	4.1E-15	4.1E-15	1.1E-20	6.8E-20	1.2E-13
Pesticides												
DDE				9.4E-09	1.1E-09					8.5E-11	5.2E-10	1.1E-08
Dieldrin		4.2E-08		5.0E-08						7.0E-13		9.2E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene						3.5E-08						3.5E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	2.1E-20					7.2E-13	1.7E-12	8.9E-14	8.9E-14			2.5E-12

Table H-479 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.9E-16	4.0E-15	5.6E-15	4.8E-15	1.3E-14	2.0E-11	4.5E-11	2.4E-12	2.4E-12	4.0E-20	2.5E-19	7.0E-11
Butyl benzyl phthalate	1.4E-17	2.6E-19	3.7E-19	3.1E-19	8.8E-19							1.6E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	2.3E-17					4.2E-11	9.7E-11	5.2E-12	5.2E-12			1.5E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	3.0E-21					4.3E-14	9.9E-14	5.4E-15	5.4E-15			1.5E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.4E-18											1.4E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	3.2E-20					1.8E-12	4.1E-12	2.2E-13	2.2E-13			6.3E-12
1,2-Dichloroethane	4.5E-20					3.1E-12	7.1E-12	1.1E-09	1.1E-09			2.2E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												

Table H-479 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone												
Benzene	4.7E-18					3.7E-08	6.7E-10	3.2E-09	3.2E-09			4.4E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	8.3E-22					1.5E-13	3.5E-13	1.9E-14	1.9E-14			5.4E-13
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	4.0E-22					3.6E-08	1.3E-13	4.0E-09	4.0E-09			4.4E-08
Chlorobenzene												
Chlorodibromomethane	6.6E-20											6.6E-20
Chloroethane												
Chloroform	3.7E-21					3.2E-08	4.5E-12	2.4E-09	2.4E-09			3.6E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	7.0E-19					5.6E-09	4.8E-11	2.6E-12	2.6E-12			5.7E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	2.2E-21					7.7E-15	1.8E-14	9.7E-16	9.7E-16			2.8E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.9E-23					1.3E-15	3.1E-15	1.7E-16	1.7E-16			4.8E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.3E-23					6.4E-09	2.9E-15	1.6E-16	1.6E-16			6.4E-09

Table H-479 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane												
Vinyl chloride	1.5E-20					5.6E-10	2.2E-12	1.2E-13	1.2E-13			5.6E-10
Grand Total	1.3E-12	3.6E-06	2.9E-08	3.3E-06	1.4E-07	1.6E-07	2.2E-05	1.1E-08	1.1E-08	1.6E-09	8.9E-09	2.9E-05

Table H-480 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					6.3E-05	4.0E+00	7.9E-06	7.9E-06			4.0E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				9.4E-03	2.4E-02					9.2E-05	5.1E-04	3.4E-02
Antimony	3.9E-14			1.1E-03	1.2E-03							2.3E-03

Table H-480 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	6.5E-04	1.5E-03	1.5E-03	7.2E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	2.5E-06	2.6E-05	1.1E-02
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt				6.0E-02	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	1.5E-04	6.7E-04	1.9E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				2.5E-02	5.7E-02							8.1E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.4E-04	8.9E-04	1.0E-03
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.0E-02	4.0E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	2.2E-04	9.5E-04	6.1E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Thallium (Soluble Salts)					1.4E-02							1.4E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-480 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12	9.4E-06		8.5E-06		5.0E-05	1.1E-04	6.2E-06	6.2E-06	8.2E-05	5.0E-04	7.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
DDE												
Dieldrin		1.2E-03		1.5E-03								2.7E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.4E-02						1.4E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09

Table H-480 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.6E-02						1.6E-02
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	9.1E-07	1.4E-04	1.4E-04			2.9E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												

Table H-480 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					3.7E-03	6.7E-05	3.2E-04	3.2E-04			4.4E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.4E-03	5.0E-09	1.5E-04	1.5E-04			1.7E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					3.3E-04	4.6E-08	2.4E-05	2.4E-05			3.8E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					5.3E-05	4.5E-07	2.4E-08	2.4E-08			5.3E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					1.8E-02	8.4E-09	4.5E-10	4.5E-10			1.8E-02

Table H-480 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					3.0E-05	1.1E-07	6.2E-09	6.2E-09			3.0E-05
Grand Total	4.8E-09	1.9E-03	1.5E-03	1.2E-01	2.7E-01	5.6E-02	4.0E+00	1.0E-03	1.0E-03	6.9E-04	3.6E-03	4.5E+00

Table H-481 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.4E-10	3.2E-10	1.7E-11	1.7E-11			4.9E-10
Formaldehyde						3.4E-10	1.5E-05	4.3E-11	4.3E-11			1.5E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	5.1E-17	4.2E-14	5.9E-14	1.6E-13	4.6E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.4E-18	1.5E-17	5.0E-11
1,2,3,4,6,7,8-HpCDF	5.0E-17	4.2E-14	5.9E-14	1.7E-13	4.7E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.4E-18	1.5E-17	5.0E-11
1,2,3,4,7,8,9-HpCDF	8.1E-18	4.9E-15	6.8E-15	1.9E-14	5.4E-14	1.8E-12	4.1E-12	2.2E-13	2.2E-13	2.7E-19	1.7E-18	6.4E-12
1,2,3,4,7,8-HxCDD	6.1E-16	4.8E-14	6.6E-14	1.9E-13	5.2E-13	1.7E-11	3.8E-11	2.1E-12	2.1E-12	2.7E-18	1.7E-17	6.0E-11
1,2,3,4,7,8-HxCDF	4.2E-15	3.8E-13	5.3E-13	1.5E-12	4.2E-12	1.3E-10	3.1E-10	1.7E-11	1.7E-11	2.1E-17	1.3E-16	4.9E-10
1,2,3,6,7,8-HxCDD	1.2E-15	9.7E-14	1.4E-13	3.8E-13	1.1E-12	3.5E-11	8.0E-11	4.4E-12	4.4E-12	5.5E-18	3.4E-17	1.3E-10
1,2,3,6,7,8-HxCDF	1.6E-15	1.2E-13	1.7E-13	4.9E-13	1.4E-12	4.4E-11	1.0E-10	5.5E-12	5.5E-12	7.0E-18	4.3E-17	1.6E-10
1,2,3,7,8,9-HxCDD	1.7E-15	1.5E-13	2.1E-13	6.0E-13	1.7E-12	5.3E-11	1.2E-10	6.6E-12	6.6E-12	8.6E-18	5.3E-17	1.9E-10
1,2,3,7,8,9-HxCDF	1.3E-16	8.8E-15	1.2E-14	3.5E-14	9.7E-14	3.4E-12	7.7E-12	4.2E-13	4.2E-13	5.0E-19	3.1E-18	1.2E-11
1,2,3,7,8-PeCDD	3.8E-14	5.4E-13	7.5E-13	2.1E-12	5.9E-12	2.1E-10	4.9E-10	2.6E-11	2.6E-11	3.0E-17	1.9E-16	7.6E-10
1,2,3,7,8-PeCDF	2.7E-15	3.2E-14	4.4E-14	1.2E-13	3.5E-13	1.5E-11	3.5E-11	1.9E-12	1.9E-12	1.8E-18	1.1E-17	5.4E-11
2,3,4,6,7,8-HxCDF	2.3E-15	1.9E-13	2.7E-13	7.6E-13	2.1E-12	6.8E-11	1.6E-10	8.5E-12	8.5E-12	1.1E-17	6.7E-17	2.4E-10
2,3,4,7,8-PeCDF	4.2E-14	7.6E-13	1.1E-12	3.0E-12	8.3E-12	3.4E-10	7.8E-10	4.2E-11	4.2E-11	4.3E-17	2.6E-16	1.2E-09
2,3,7,8-TCDD	1.3E-14	1.1E-13	1.5E-13	4.4E-13	1.2E-12	8.4E-11	1.9E-10	1.1E-11	1.1E-11	4.3E-15	2.7E-14	3.0E-10
2,3,7,8-TCDF	4.4E-15	2.0E-14	2.8E-14	7.9E-14	2.2E-13	3.1E-11	7.2E-11	3.9E-12	3.9E-12	1.1E-18	7.0E-18	1.1E-10
OCDD	6.8E-21	2.8E-16	4.0E-16	1.1E-15	3.1E-15	9.2E-14	2.1E-13	1.1E-14	1.1E-14	1.6E-20	9.9E-20	3.3E-13
OCDF	2.5E-21	1.1E-16	1.5E-16	4.3E-16	1.2E-15	3.4E-14	7.9E-14	4.3E-15	4.3E-15	6.2E-21	3.8E-20	1.2E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-481 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	5.2E-17	1.3E-08	1.2E-08	3.0E-08	5.5E-08	1.1E-10	2.5E-10	1.4E-11	1.4E-11	7.0E-12	2.9E-11	1.1E-07
Barium												
Beryllium						4.4E-12	1.0E-11	5.5E-13	5.5E-13	5.3E-21	3.2E-20	1.6E-11
Cadmium						5.8E-11	1.3E-10	7.3E-12	7.3E-12	3.1E-21	1.9E-20	2.1E-10
Chromium												
Cobalt						3.8E-09	8.8E-09	4.7E-10	4.7E-10	3.4E-10	2.6E-09	1.6E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.9E-11	8.9E-11	4.8E-12	4.8E-12	2.2E-10	1.6E-09	1.9E-09
Phosphorus												
Selenium												
Silver												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.0E-19	4.1E-19	2.7E-19	7.5E-19							1.7E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.9E-13	2.8E-07	7.2E-14	2.5E-07	1.3E-13	1.4E-11	3.3E-11	1.8E-12	1.8E-12	5.8E-10	3.6E-09	5.4E-07
Benzo(a)pyrene	9.5E-13	2.4E-06	4.1E-08	2.1E-06	7.5E-08	5.5E-11	1.3E-10	6.9E-12	6.9E-12	1.6E-11	1.2E-12	4.6E-06
Benzo(b)fluoranthene	2.6E-14	3.8E-07	3.7E-09	3.5E-07	6.8E-09	6.2E-12	1.4E-11	7.7E-13	7.7E-13	2.6E-12	1.1E-13	7.4E-07
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-481 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Outdoor Vapors at CJ	Inhalation of Outdoor Vapors at Home	Grand Total
Benzo(k)fluoranthene	1.9E-17	2.1E-08	2.0E-16	1.9E-08	3.6E-16	5.5E-14	1.3E-13	6.9E-15	6.9E-15	1.4E-12	5.9E-20	3.9E-08
Biphenyl				1.1E-18	3.2E-18							4.3E-18
Chrysene	3.3E-16	2.9E-09	9.1E-16	2.7E-09	1.6E-15	2.4E-12	5.6E-12	3.0E-13	3.0E-13	2.0E-13	2.7E-19	5.6E-09
Dibenze(a,h)anthracene	4.7E-14	4.6E-07	1.2E-13	4.2E-07	2.1E-13	9.5E-12	2.2E-11	1.2E-12	1.2E-12	3.3E-12	3.7E-18	8.7E-07
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.2E-14	6.0E-08	3.3E-14	5.5E-08	6.0E-14	2.9E-12	6.7E-12	3.6E-13	3.6E-13	4.1E-13	9.8E-19	1.2E-07
Napthalene						2.2E-10	5.0E-10	2.7E-11	2.7E-11	3.6E-10	2.2E-09	3.3E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.8E-17	1.1E-18	1.5E-18	9.0E-19	2.5E-18	8.0E-14	1.8E-13	9.9E-15	9.9E-15	2.4E-20	1.5E-19	2.8E-13
Heptachlorobiphenyl	2.0E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	3.1E-14	7.2E-14	3.9E-15	3.9E-15	4.2E-20	2.6E-19	1.1E-13
Hexachlorobiphenyl	7.9E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	1.3E-13	3.0E-13	1.6E-14	1.6E-14	1.9E-19	1.2E-18	4.6E-13
Monochlorobiphenyl	1.3E-16	7.4E-18	1.0E-17	6.2E-18	1.7E-17	5.5E-13	1.3E-12	6.9E-14	6.9E-14	1.7E-19	1.0E-18	2.0E-12
Nonachlorobiphenyl	2.4E-18	6.1E-19	8.6E-19	5.2E-19	1.4E-18	4.4E-15	1.0E-14	5.5E-16	5.5E-16	7.5E-21	4.6E-20	1.6E-14
Octachlorobiphenyl	5.8E-18	1.1E-18	1.6E-18	9.5E-19	2.7E-18	9.5E-15	2.2E-14	1.2E-15	1.2E-15	1.4E-20	8.5E-20	3.4E-14
Pentachlorobiphenyl	2.6E-16	5.6E-17	7.9E-17	4.8E-17	1.3E-16	4.5E-13	1.0E-12	5.6E-14	5.6E-14	6.9E-19	4.3E-18	1.6E-12
Tetrachlorobiphenyl	5.4E-18	4.1E-19	5.7E-19	3.4E-19	9.6E-19	2.6E-14	6.0E-14	3.2E-15	3.2E-15	9.1E-21	5.6E-20	9.2E-14
Trichlorobiphenyl	7.1E-18	4.9E-19	6.8E-19	4.1E-19	1.2E-18	3.3E-14	7.6E-14	4.1E-15	4.1E-15	1.1E-20	6.8E-20	1.2E-13
Pesticides												
DDE				9.4E-09	4.0E-09					8.5E-11	5.2E-10	1.4E-08
Dieldrin		4.2E-08		5.0E-08						7.0E-13		9.2E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene							3.5E-08					3.5E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	2.1E-20						7.2E-13	1.7E-12	8.9E-14	8.9E-14		2.5E-12
2,4-Dimethylphenol												

Table H-481 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.9E-16	4.0E-15	5.6E-15	4.8E-15	1.3E-14	2.0E-11	4.5E-11	2.4E-12	2.4E-12	4.0E-20	2.5E-19	7.0E-11
Butyl benzyl phthalate	1.4E-17	2.6E-19	3.7E-19	3.1E-19	8.8E-19							1.6E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	2.3E-17					4.2E-11	9.7E-11	5.2E-12	5.2E-12			1.5E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	3.0E-21					4.3E-14	9.9E-14	5.4E-15	5.4E-15			1.5E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.4E-18											1.4E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	3.2E-20					1.8E-12	4.1E-12	2.2E-13	2.2E-13			6.3E-12
1,2-Dichloroethane	4.5E-20					3.1E-12	7.1E-12	1.1E-09	1.1E-09			2.2E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-481 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	4.7E-18					3.7E-08	6.7E-10	3.2E-09	3.2E-09			4.4E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	8.3E-22					1.5E-13	3.5E-13	1.9E-14	1.9E-14			5.4E-13
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	4.0E-22					3.6E-08	1.3E-13	4.0E-09	4.0E-09			4.4E-08
Chlorobenzene												
Chlorodibromomethane	6.6E-20											6.6E-20
Chloroethane												
Chloroform	3.7E-21					3.2E-08	4.5E-12	2.4E-09	2.4E-09			3.6E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	7.0E-19					5.6E-09	4.8E-11	2.6E-12	2.6E-12			5.7E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	2.2E-21					7.7E-15	1.8E-14	9.7E-16	9.7E-16			2.8E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.9E-23					1.3E-15	3.1E-15	1.7E-16	1.7E-16			4.8E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.3E-23					6.4E-09	2.9E-15	1.6E-16	1.6E-16			6.4E-09
Trichlorofluoromethane												

Table H-481 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.5E-20					5.6E-10	2.2E-12	1.2E-13	1.2E-13			5.6E-10
Grand Total	1.3E-12	3.6E-06	5.7E-08	3.3E-06	1.4E-07	1.6E-07	1.5E-05	1.1E-08	1.1E-08	1.6E-09	1.1E-08	2.2E-05

Table H-482 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					6.3E-05	2.7E+00	7.9E-06	7.9E-06			2.7E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				9.4E-03	1.9E-02					9.2E-05	4.1E-04	2.9E-02
Antimony	3.9E-14			1.1E-03	4.2E-04							1.5E-03

Table H-482 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	6.5E-04	6.1E-04	1.5E-03	2.9E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	2.5E-06	1.0E-05	5.8E-03
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt				6.0E-02	2.1E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	1.5E-04	1.1E-03	2.8E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				2.5E-02	6.2E-02							8.6E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.4E-04	8.9E-04	1.0E-03
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.0E-02	6.6E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	2.2E-04	1.6E-03	8.8E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-482 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12	9.4E-06		8.5E-06		5.0E-05	1.1E-04	6.2E-06	6.2E-06	8.2E-05	5.0E-04	7.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
DDE												
Dieldrin		1.2E-03		1.5E-03								2.7E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.4E-02						1.4E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-482 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol								1.6E-02				1.6E-02
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	9.1E-07	1.4E-04	1.4E-04			2.9E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07

Table H-482 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					3.7E-03	6.7E-05	3.2E-04	3.2E-04			4.4E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.4E-03	5.0E-09	1.5E-04	1.5E-04			1.7E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					3.3E-04	4.6E-08	2.4E-05	2.4E-05			3.8E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					5.3E-05	4.5E-07	2.4E-08	2.4E-08			5.3E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					1.8E-02	8.4E-09	4.5E-10	4.5E-10			1.8E-02
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-482 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					3.0E-05	1.1E-07	6.2E-09	6.2E-09			3.0E-05
Grand Total	4.8E-09	1.9E-03	6.1E-04	1.2E-01	3.6E-01	5.6E-02	2.8E+00	1.0E-03	1.0E-03	6.9E-04	4.5E-03	3.3E+00

Table H-483 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.4E-10	4.9E-09	1.7E-11	1.6E-09			6.7E-09
Formaldehyde						3.4E-10	1.1E-08	4.3E-11	3.8E-09			1.5E-08
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	5.1E-17	4.2E-14	7.8E-13	1.6E-13	6.2E-12	1.4E-11	5.5E-10	1.7E-12	1.8E-10	2.4E-18	1.9E-16	7.6E-10
1,2,3,4,6,7,8-HpCDF	5.0E-17	4.2E-14	7.9E-13	1.7E-13	6.2E-12	1.4E-11	5.5E-10	1.7E-12	1.8E-10	2.4E-18	2.0E-16	7.6E-10
1,2,3,4,7,8,9-HpCDF	8.1E-18	4.9E-15	9.5E-14	1.9E-14	7.5E-13	1.8E-12	7.2E-11	2.2E-13	2.4E-11	2.7E-19	2.4E-17	9.9E-11
1,2,3,4,7,8-HxCDD	6.1E-16	4.8E-14	9.2E-13	1.9E-13	7.2E-12	1.7E-11	6.7E-10	2.1E-12	2.2E-10	2.7E-18	2.3E-16	9.2E-10
1,2,3,4,7,8-HxCDF	4.2E-15	3.8E-13	7.3E-12	1.5E-12	5.7E-11	1.3E-10	5.4E-09	1.7E-11	1.8E-09	2.1E-17	1.8E-15	7.5E-09
1,2,3,6,7,8-HxCDD	1.2E-15	9.7E-14	1.9E-12	3.8E-13	1.5E-11	3.5E-11	1.4E-09	4.4E-12	4.7E-10	5.5E-18	4.7E-16	1.9E-09
1,2,3,6,7,8-HxCDF	1.6E-15	1.2E-13	2.4E-12	4.9E-13	1.9E-11	4.4E-11	1.8E-09	5.5E-12	5.9E-10	7.0E-18	6.0E-16	2.4E-09
1,2,3,7,8,9-HxCDD	1.7E-15	1.5E-13	3.0E-12	6.0E-13	2.3E-11	5.3E-11	2.1E-09	6.6E-12	7.1E-10	8.6E-18	7.3E-16	2.9E-09
1,2,3,7,8,9-HxCDF	1.3E-16	8.8E-15	1.7E-13	3.5E-14	1.4E-12	3.4E-12	1.4E-10	4.2E-13	4.6E-11	5.0E-19	4.3E-17	1.9E-10
1,2,3,7,8-PeCDD	3.8E-14	5.4E-13	1.1E-11	2.1E-12	8.3E-11	2.1E-10	8.6E-09	2.6E-11	2.9E-09	3.0E-17	2.6E-15	1.2E-08
1,2,3,7,8-PeCDF	2.7E-15	3.2E-14	6.2E-13	1.2E-13	4.9E-12	1.5E-11	6.1E-10	1.9E-12	2.0E-10	1.8E-18	1.5E-16	8.4E-10
2,3,4,6,7,8-HxCDF	2.3E-15	1.9E-13	3.6E-12	7.6E-13	2.9E-11	6.8E-11	2.7E-09	8.5E-12	9.0E-10	1.1E-17	9.1E-16	3.7E-09
2,3,4,7,8-PeCDF	4.2E-14	7.6E-13	1.5E-11	3.0E-12	1.2E-10	3.4E-10	1.4E-08	4.2E-11	4.6E-09	4.3E-17	3.7E-15	1.9E-08
2,3,7,8-TCDD	1.3E-14	1.1E-13	1.6E-12	4.4E-13	1.3E-11	8.4E-11	2.8E-09	1.1E-11	9.4E-10	4.3E-15	2.8E-13	3.9E-09
2,3,7,8-TCDF	4.4E-15	2.0E-14	4.0E-13	7.9E-14	3.2E-12	3.1E-11	1.3E-09	3.9E-12	4.3E-10	1.1E-18	1.0E-16	1.7E-09
OCDD	6.8E-21	2.8E-16	5.2E-15	1.1E-15	4.1E-14	9.2E-14	3.6E-12	1.1E-14	1.2E-12	1.6E-20	1.3E-18	5.0E-12
OCDF	2.5E-21	1.1E-16	2.0E-15	4.3E-16	1.5E-14	3.4E-14	1.3E-12	4.3E-15	4.5E-13	6.2E-21	4.9E-19	1.8E-12
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-483 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	5.2E-17	1.3E-08	3.1E-18	3.0E-08	1.5E-17	1.1E-10	3.9E-09	1.4E-11	1.3E-09	7.0E-12	7.6E-21	4.8E-08
Barium												
Beryllium						4.4E-12	1.5E-10	5.5E-13	5.0E-11	5.3E-21	4.4E-19	2.0E-10
Cadmium						5.8E-11	2.0E-09	7.3E-12	6.8E-10	3.1E-21	2.6E-19	2.8E-09
Chromium												
Cobalt						3.8E-09	6.9E-08	4.7E-10	2.3E-08	3.4E-10	2.3E-13	9.7E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.9E-11	1.3E-09	4.8E-12	4.4E-10	2.2E-10	1.9E-19	2.0E-09
Phosphorus												
Selenium												
Silver												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.0E-19	6.0E-18	2.7E-19	1.1E-17							1.8E-17
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.9E-13	2.8E-07	1.1E-12	2.5E-07	2.1E-12	1.4E-11	6.1E-10	1.8E-12	2.0E-10	5.8E-10	1.0E-14	5.4E-07
Benzo(a)pyrene	9.5E-13	2.4E-06	5.0E-12	2.1E-06	9.0E-12	5.5E-11	2.3E-09	6.9E-12	7.7E-10	1.6E-11	1.5E-16	4.5E-06
Benzo(b)fluoranthene	2.6E-14	3.8E-07	2.7E-14	3.5E-07	4.8E-14	6.2E-12	2.5E-10	7.7E-13	8.3E-11	2.6E-12	7.9E-19	7.3E-07
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-483 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene	1.9E-17	2.1E-08	1.3E-15	1.9E-08	2.4E-15	5.5E-14	9.8E-13	6.9E-15	3.3E-13	1.4E-12	3.9E-19	3.9E-17	4.9E-17	3.9E-08
Biphenyl				1.1E-18	4.8E-17									4.9E-17
Chrysene	3.3E-16	2.9E-09	1.3E-14	2.7E-09	2.4E-14	2.4E-12	1.0E-10	3.0E-13	3.3E-11	2.0E-13	3.9E-18	5.8E-09	5.8E-09	5.8E-09
Dibenze(a,h)anthracene	4.7E-14	4.6E-07	1.6E-12	4.2E-07	3.0E-12	9.5E-12	3.9E-10	1.2E-12	1.3E-10	3.3E-12	5.3E-17	8.7E-07	8.7E-07	8.7E-07
Fluoranthene														
Fluorene														
Indeno(1,2,3-cd)pyrene	1.2E-14	6.0E-08	4.7E-13	5.5E-08	8.6E-13	2.9E-12	1.2E-10	3.6E-13	4.0E-11	4.1E-13	1.4E-17	1.2E-07	1.2E-07	1.2E-07
Napthalene						2.2E-10	9.0E-09	2.7E-11	3.0E-09	3.6E-10		1.3E-08	1.3E-08	1.3E-08
Perylene														
Phenanthrene														
Pyrene														
Particulate														
Particulate Total Suspended Particulate														
PM<10														
PM<2.5														
PCBs														
Dichlorobiphenyl	1.8E-17	1.1E-18	2.1E-17	9.0E-19	3.6E-17	8.0E-14	3.3E-12	9.9E-15	1.1E-12	2.4E-20	2.1E-18	4.4E-12	4.4E-12	4.4E-12
Heptachlorobiphenyl	2.0E-17	3.5E-18	6.7E-17	2.9E-18	1.1E-16	3.1E-14	1.3E-12	3.9E-15	4.2E-13	4.2E-20	3.6E-18	1.7E-12	1.7E-12	1.7E-12
Hexachlorobiphenyl	7.9E-17	1.6E-17	2.8E-16	1.3E-17	4.8E-16	1.3E-13	5.1E-12	1.6E-14	1.7E-12	1.9E-19	1.5E-17	6.9E-12	6.9E-12	6.9E-12
Monochlorobiphenyl	1.3E-16	7.4E-18	1.5E-16	6.2E-18	2.5E-16	5.5E-13	2.3E-11	6.9E-14	7.6E-12	1.7E-19	1.5E-17	3.1E-11	3.1E-11	3.1E-11
Nonachlorobiphenyl	2.4E-18	6.1E-19	9.5E-18	5.2E-19	1.6E-17	4.4E-15	1.6E-13	5.5E-16	5.2E-14	7.5E-21	5.1E-19	2.1E-13	2.1E-13	2.1E-13
Octachlorobiphenyl	5.8E-18	1.1E-18	2.0E-17	9.5E-19	3.5E-17	9.5E-15	3.7E-13	1.2E-15	1.2E-13	1.4E-20	1.1E-18	5.1E-13	5.1E-13	5.1E-13
Pentachlorobiphenyl	2.6E-16	5.6E-17	9.6E-16	4.8E-17	1.6E-15	4.5E-13	1.7E-11	5.6E-14	5.6E-12	6.9E-19	5.2E-17	2.3E-11	2.3E-11	2.3E-11
Tetrachlorobiphenyl	5.4E-18	4.1E-19	6.8E-18	3.4E-19	1.2E-17	2.6E-14	9.7E-13	3.2E-15	3.2E-13	9.1E-21	6.8E-19	1.3E-12	1.3E-12	1.3E-12
Trichlorobiphenyl	7.1E-18	4.9E-19	8.7E-18	4.1E-19	1.5E-17	3.3E-14	1.3E-12	4.1E-15	4.2E-13	1.1E-20	8.6E-19	1.7E-12	1.7E-12	1.7E-12
Pesticides														
DDE				9.4E-09						8.5E-11		9.4E-09	9.4E-09	9.4E-09
Dieldrin		4.2E-08		5.0E-08						7.0E-13		9.2E-08	9.2E-08	9.2E-08
SVOCs														
1,2,4-trichlorobenzene														
1,2-dichlorobenzene														
1,3-Butadiene						3.5E-08								3.5E-08
1,3-dichlorobenzene														
1,4-dichlorobenzene	2.1E-20					7.2E-13	3.2E-11	8.9E-14	1.1E-11					4.4E-11
2,4-Dimethylphenol														

Table H-483 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.9E-16	4.0E-15	7.2E-14	4.8E-15	1.7E-13	2.0E-11	7.6E-10	2.4E-12	2.5E-10	4.0E-20	3.2E-18	1.0E-09
Butyl benzyl phthalate	1.4E-17	2.6E-19	5.4E-18	3.1E-19	1.3E-17							3.3E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	2.3E-17					4.2E-11	7.5E-10	5.2E-12	2.5E-10			1.0E-09
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	3.0E-21					4.3E-14	1.4E-12	5.4E-15	4.8E-13			2.0E-12
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.4E-18											1.4E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	3.2E-20					1.8E-12	3.2E-11	2.2E-13	1.1E-11			4.4E-11
1,2-Dichloroethane	4.5E-20					3.1E-12	1.2E-10	1.1E-09	3.9E-11			1.3E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-483 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	4.7E-18					3.7E-08	1.1E-08	3.2E-09	3.8E-09			5.5E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	8.3E-22					1.5E-13	2.7E-12	1.9E-14	9.0E-13			3.8E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	4.0E-22					3.6E-08	1.0E-12	4.0E-09	3.3E-13			4.0E-08
Chlorobenzene												
Chlorodibromomethane	6.6E-20											6.6E-20
Chloroethane												
Chloroform	3.7E-21					3.2E-08	3.8E-11	2.4E-09	1.3E-11			3.4E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	7.0E-19					5.6E-09	7.9E-10	2.6E-12	2.6E-10			6.7E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	2.2E-21					7.7E-15	2.8E-13	9.7E-16	9.5E-14			3.9E-13
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.9E-23					1.3E-15	4.7E-14	1.7E-16	1.6E-14			6.4E-14
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.3E-23					6.4E-09	2.3E-14	1.6E-16	7.6E-15			6.4E-09
Trichlorofluoromethane												

Table H-483 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.5E-20					5.6E-10	2.3E-11	1.2E-13	7.6E-12			5.9E-10
Grand Total	1.3E-12	3.6E-06	5.7E-11	3.3E-06	4.0E-10	1.6E-07	1.6E-07	1.1E-08	5.4E-08	1.6E-09	5.3E-13	7.3E-06

Table H-484 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	1.5E-03	5.2E-06	5.0E-04			2.0E-03
Aldehydes												
Acetaldehyde						1.6E-04	5.8E-03	2.0E-05	1.9E-03			7.9E-03
Formaldehyde	2.3E-12					6.3E-05	2.1E-03	7.9E-06	6.9E-04			2.8E-03
Propionaldehyde						2.0E-05	7.2E-04	2.5E-06	2.4E-04	2.1E-12	1.5E-10	9.8E-04
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.5E-07	2.0E-07	5.9E-06	1.3E-06	4.3E-05	1.6E-07	1.4E-05	1.2E-10	7.8E-09	6.6E-05
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	7.7E-03	2.5E-05	2.6E-03			1.1E-02
Metals												
Aluminum				9.4E-03						9.2E-05		9.5E-03
Antimony	3.9E-14			1.1E-03								1.1E-03

Table H-484 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	6.5E-04	1.6E-13	1.5E-03	7.6E-13	4.0E-05	1.4E-03	4.9E-06	4.7E-04	2.5E-06	2.7E-15	4.1E-03
Barium	1.2E-11			1.6E-08	5.4E-07	2.5E-04	6.8E-03	3.1E-05	2.3E-03	3.1E-10	2.3E-08	9.3E-03
Beryllium	1.7E-14			5.2E-13	2.0E-11	2.1E-06	7.3E-05	2.7E-07	2.4E-05	2.6E-15	2.1E-13	9.9E-05
Cadmium	8.3E-12			8.2E-13	3.1E-11	7.6E-05	2.6E-03	9.5E-06	8.8E-04	4.0E-15	3.4E-13	3.6E-03
Chromium	1.7E-15			5.5E-11	2.2E-09							2.2E-09
Cobalt				6.0E-02	3.3E-05	1.6E-03	3.0E-02	2.0E-04	9.9E-03	1.5E-04	1.8E-07	1.0E-01
Copper				8.4E-09	3.2E-07							3.3E-07
Iron				2.5E-02								2.5E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.5E-09	7.8E-08	2.8E-06	9.8E-09	9.2E-07	5.6E-15	3.8E-13	3.8E-06
Mercury, elemental						3.3E-10	1.2E-08	4.1E-11	3.8E-09	1.4E-04		1.4E-04
Methyl Mercury	8.7E-11			2.0E-11	7.9E-10							8.9E-10
Nickel	1.7E-13			2.0E-02	7.8E-12	3.9E-05	1.3E-03	4.8E-06	4.4E-04	2.2E-04	1.9E-13	2.2E-02
Phosphorus				3.7E-10	1.4E-08							1.4E-08
Selenium	5.5E-14			8.1E-15	3.1E-13	8.7E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-20	8.4E-18	4.2E-07
Silver	4.2E-14			1.7E-10	6.2E-09							6.4E-09
Titanium												
Zinc	1.4E-11			6.1E-13	2.2E-11							3.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	6.9E-14	3.1E-15	1.3E-13							2.0E-13
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	1.2E-12	5.2E-14	2.1E-12							3.4E-12
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-484 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	2.8E-13	2.8E-04	1.2E-02	3.5E-05	3.9E-03	4.9E-12	4.5E-10	1.6E-02
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	3.4E-11	1.5E-12	6.3E-11							1.1E-10
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12	9.4E-06		8.5E-06		5.0E-05	2.1E-03	6.2E-06	6.9E-04	8.2E-05		2.9E-03
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.7E-10	7.6E-12	3.1E-10							5.1E-10
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.8E-10	7.8E-12	3.1E-10							6.0E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	7.2E-11	3.2E-12	1.2E-10	9.8E-10	3.9E-08	1.2E-10	1.3E-08	2.5E-15	2.1E-13	5.4E-08
Hexachlorobiphenyl	4.6E-11	1.7E-11	3.0E-10	1.4E-11	5.1E-10	4.1E-06	1.6E-04	5.1E-07	5.3E-05	1.1E-11	8.8E-10	2.2E-04
Monochlorobiphenyl	6.1E-10	6.4E-11	1.3E-09	5.4E-11	2.2E-09							4.2E-09
Nonachlorobiphenyl	1.4E-12	6.6E-13	1.0E-11	5.6E-13	1.7E-11							3.0E-11
Octachlorobiphenyl	3.4E-12	1.2E-12	2.2E-11	1.0E-12	3.7E-11							6.5E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	1.0E-09	5.1E-11	1.8E-09	4.6E-05	1.7E-03	5.7E-06	5.7E-04	1.3E-10	9.9E-09	2.3E-03
Tetrachlorobiphenyl	2.6E-11	3.5E-12	6.0E-11	3.0E-12	1.0E-10	2.3E-07	8.7E-06	2.9E-08	2.9E-06	1.5E-13	1.1E-11	1.2E-05
Trichlorobiphenyl	3.4E-11	4.3E-12	7.6E-11	3.6E-12	1.3E-10							2.5E-10
Pesticides												
DDE												
Dieldrin		1.2E-03		1.5E-03								2.7E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	4.3E-06	1.7E-08	1.4E-06			5.9E-06
1,2-dichlorobenzene	3.1E-17					5.4E-10	9.7E-09	6.8E-11	3.2E-09			1.4E-08
1,3-Butadiene						1.4E-02						1.4E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	8.5E-08	2.4E-10	2.8E-08			1.2E-07
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-484 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	3.9E-06	1.2E-08	1.3E-06			5.3E-06
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	6.0E-09	4.0E-10	1.4E-08							2.1E-08
Butyl benzyl phthalate	8.8E-13	1.6E-14	3.3E-13	1.9E-14	7.9E-13							2.0E-12
Carbazole												
Dibenzofuran		1.4E-13	2.9E-12	5.7E-13	2.3E-11							2.6E-11
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	6.7E-13	3.9E-14	1.6E-12							1.9E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	8.7E-12	1.1E-12	2.1E-11							3.1E-11
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.6E-02						1.6E-02
Phenol	4.9E-13					1.5E-06	6.2E-05	1.9E-07	2.1E-05			8.5E-05
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	1.0E-09	3.3E-12	3.3E-10			1.4E-09
1,1-Dichloroethene	1.2E-19					1.3E-10	2.3E-09	1.6E-11	7.7E-10			3.2E-09
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	6.4E-06	4.5E-08	2.1E-06			9.0E-06
1,2,4-Trimethylbenzene						8.9E-07	2.8E-05	1.1E-07	9.4E-06			3.9E-05
1,2-Dibromoethane	4.1E-17					7.7E-09	1.4E-07	9.6E-10	4.6E-08			1.9E-07
1,2-Dichloroethane	1.9E-15					4.0E-07	1.5E-05	1.4E-04	5.0E-06			1.6E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	2.6E-07	8.3E-10	8.7E-08			3.6E-07
2-Chlorotoluene												
2-Hexanone						2.3E-07	8.2E-06	2.8E-08	2.7E-06			1.1E-05

Table H-484 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					3.7E-03	1.1E-03	3.2E-04	3.8E-04			5.5E-03
Bromobenzene						6.2E-07	1.1E-05	7.8E-08	3.7E-06			1.5E-05
Bromochloromethane						2.2E-09	3.9E-08	2.8E-10	1.3E-08			5.5E-08
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	2.3E-05	9.5E-08	7.6E-06			3.1E-05
Carbon disulfide	1.3E-17					4.8E-09	1.4E-07	6.0E-10	4.7E-08			1.9E-07
Carbon tetrachloride	3.4E-17					1.4E-03	3.9E-08	1.5E-04	1.3E-08			1.5E-03
Chlorobenzene	2.3E-15					9.6E-08	3.4E-06	1.2E-08	1.1E-06			4.7E-06
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	3.2E-08	1.1E-10	1.1E-08			4.3E-08
Chloroform	2.8E-16					3.3E-04	3.9E-07	2.4E-05	1.3E-07			3.5E-04
Chloromethane						3.4E-07	1.0E-05	4.3E-08	3.5E-06			1.4E-05
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	9.1E-07	6.4E-09	3.0E-07			1.3E-06
Dichlorodifluoromethane	2.4E-20					2.5E-09	4.4E-08	3.1E-10	1.5E-08			6.2E-08
Ethylbenzene	1.5E-14					5.3E-05	7.4E-06	2.4E-08	2.5E-06			6.2E-05
Isopropylbenzene	2.0E-17					3.9E-08	1.3E-06	4.9E-09	4.5E-07			1.8E-06
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.1E-09	1.5E-11	7.1E-10			3.0E-09
Methylene chloride	4.3E-15					3.0E-08	1.1E-06	3.8E-09	3.7E-07			1.5E-06
n-Butylbenzene												
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07			4.2E-07
o-Xylene	1.4E-15					2.3E-07	7.6E-06	2.9E-08	2.5E-06			1.0E-05
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.9E-05	6.4E-08	6.2E-06			2.5E-05
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	1.1E-07	3.8E-10	3.5E-08			1.4E-07
Toluene	2.0E-14					6.3E-08	2.5E-06	7.9E-09	8.3E-07			3.4E-06
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					1.8E-02	6.5E-08	4.5E-10	2.2E-08			1.8E-02
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-484 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					3.0E-05	1.2E-06	6.2E-09	4.0E-07			3.1E-05
Grand Total	4.8E-09	1.9E-03	7.6E-07	1.2E-01	4.0E-05	5.6E-02	7.7E-02	1.0E-03	2.6E-02	6.9E-04	2.2E-07	2.8E-01

Table H-485 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			1.4E-10	1.7E-11		1.5E-10
Formaldehyde			3.4E-10	4.3E-11		3.9E-10
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	4.2E-14	1.6E-13	1.4E-11	1.7E-12	2.4E-18	1.6E-11
1,2,3,4,6,7,8-HpCDF	4.2E-14	1.7E-13	1.4E-11	1.7E-12	2.4E-18	1.6E-11
1,2,3,4,7,8,9-HpCDF	4.9E-15	1.9E-14	1.8E-12	2.2E-13	2.7E-19	2.0E-12
1,2,3,4,7,8-HxCDD	4.8E-14	1.9E-13	1.7E-11	2.1E-12	2.7E-18	1.9E-11
1,2,3,4,7,8-HxCDF	3.8E-13	1.5E-12	1.3E-10	1.7E-11	2.1E-17	1.5E-10
1,2,3,6,7,8-HxCDD	9.7E-14	3.8E-13	3.5E-11	4.4E-12	5.5E-18	4.0E-11
1,2,3,6,7,8-HxCDF	1.2E-13	4.9E-13	4.4E-11	5.5E-12	7.0E-18	5.0E-11
1,2,3,7,8,9-HxCDD	1.5E-13	6.0E-13	5.3E-11	6.6E-12	8.6E-18	6.0E-11
1,2,3,7,8,9-HxCDF	8.8E-15	3.5E-14	3.4E-12	4.2E-13	5.0E-19	3.8E-12
1,2,3,7,8-PeCDD	5.4E-13	2.1E-12	2.1E-10	2.6E-11	3.0E-17	2.4E-10

Table H-485 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	3.2E-14	1.2E-13	1.5E-11	1.9E-12	1.8E-18	1.7E-11
2,3,4,6,7,8-HxCDF	1.9E-13	7.6E-13	6.8E-11	8.5E-12	1.1E-17	7.7E-11
2,3,4,7,8-PeCDF	7.6E-13	3.0E-12	3.4E-10	4.2E-11	4.3E-17	3.8E-10
2,3,7,8-TCDD	1.1E-13	4.4E-13	8.4E-11	1.1E-11	4.3E-15	9.5E-11
2,3,7,8-TCDF	2.0E-14	7.9E-14	3.1E-11	3.9E-12	1.1E-18	3.5E-11
OCDD	2.8E-16	1.1E-15	9.2E-14	1.1E-14	1.6E-20	1.0E-13
OCDF	1.1E-16	4.3E-16	3.4E-14	4.3E-15	6.2E-21	3.9E-14
HCN						
Hydrogen cyanide						
Metals						
Aluminum						
Antimony						
Arsenic	3.8E-08	9.1E-08	1.1E-10	1.4E-11	2.1E-11	1.3E-07
Barium						
Beryllium			4.4E-12	5.5E-13	5.3E-21	5.0E-12
Cadmium			5.8E-11	7.3E-12	3.1E-21	6.6E-11
Chromium						
Cobalt			3.8E-09	4.7E-10	5.9E-10	4.9E-09
Copper						
Iron						
Lead						
Manganese						
Mercury (+2)						

Table H-485 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental						
Methyl Mercury						
Nickel			3.9E-11	4.8E-12	3.2E-10	3.6E-10
Phosphorus						
Selenium						
Silver						
Thallium (Soluble Salts)						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.0E-19	2.7E-19				5.7E-19
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	2.8E-09	2.5E-09	1.4E-11	1.8E-12	5.8E-12	5.4E-09
Benzo(a)pyrene	2.6E-08	2.4E-08	5.5E-11	6.9E-12	1.8E-13	5.1E-08
Benzo(b)fluoranthene	4.1E-09	3.7E-09	6.2E-12	7.7E-13	2.8E-14	7.9E-09

Table H-485 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	2.2E-10	2.0E-10	5.5E-14	6.9E-15	1.5E-14	4.2E-10
Biphenyl		1.1E-18				1.1E-18
Chrysene	3.5E-11	3.2E-11	2.4E-12	3.0E-13	2.4E-15	7.0E-11
Dibenze(a,h)anthracene	6.2E-09	5.6E-09	9.5E-12	1.2E-12	4.5E-14	1.2E-08
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	1.8E-09	1.6E-09	2.9E-12	3.6E-13	1.2E-14	3.4E-09
Napthalene			2.2E-10	2.7E-11		2.4E-10
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Partic						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	1.1E-18	9.0E-19	8.0E-14	9.9E-15	2.4E-20	8.9E-14
Heptachlorobiphenyl	3.5E-18	2.9E-18	3.1E-14	3.9E-15	4.2E-20	3.5E-14
Hexachlorobiphenyl	1.6E-17	1.3E-17	1.3E-13	1.6E-14	1.9E-19	1.5E-13
Monochlorobiphenyl	7.4E-18	6.2E-18	5.5E-13	6.9E-14	1.7E-19	6.2E-13
Nonachlorobiphenyl	6.1E-19	5.2E-19	4.4E-15	5.5E-16	7.5E-21	4.9E-15

Table H-485 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Octachlorobiphenyl	1.1E-18	9.5E-19	9.5E-15	1.2E-15	1.4E-20	1.1E-14
Pentachlorobiphenyl	5.6E-17	4.8E-17	4.5E-13	5.6E-14	6.9E-19	5.0E-13
Tetrachlorobiphenyl	4.1E-19	3.4E-19	2.6E-14	3.2E-15	9.1E-21	2.9E-14
Trichlorobiphenyl	4.9E-19	4.1E-19	3.3E-14	4.1E-15	1.1E-20	3.7E-14
Pesticides						
DDE		1.3E-09			1.2E-11	1.3E-09
Dieldrin	3.2E-10	3.8E-10			5.4E-15	7.0E-10
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-dichlorobenzene						
1,4-dichlorobenzene			7.2E-13	8.9E-14		8.1E-13
1,4-Dioxane			2.7E-08			2.7E-08
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	4.0E-15	4.8E-15	2.0E-11	2.4E-12	4.0E-20	2.2E-11

Table H-485 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Butyl benzyl phthalate	2.6E-19	3.1E-19				5.8E-19
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			4.2E-11	5.2E-12		4.7E-11
Isopropanol						
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			4.3E-14	5.4E-15		4.8E-14
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			1.8E-12	2.2E-13		2.0E-12
1,2-Dichloroethane			3.1E-12	1.1E-09		1.1E-09
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						

Table H-485 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
2-Butanone						
2-Chlorotoluene						
2-Hexanone						
Benzene			2.1E-08	3.2E-09		2.5E-08
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			1.5E-13	1.9E-14		1.7E-13
Bromomethane						
Carbon disulfide						
Carbon tetrachloride			3.3E-08	4.0E-09		3.7E-08
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			4.3E-08	2.4E-09		4.5E-08
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			3.9E-09	2.6E-12		3.9E-09
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						

Table H-485 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Methylene chloride			7.7E-15	9.7E-16		8.7E-15
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethene			1.3E-15	1.7E-16		1.5E-15
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			1.8E-09	1.6E-16		1.8E-09
Trichlorofluoromethane						
Vinyl chloride			2.6E-09	1.2E-13		2.6E-09
Grand Total	8.0E-08	1.3E-07	1.4E-07	1.1E-08	9.5E-10	3.6E-07

Table H-486 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			4.2E-05	5.2E-06		4.7E-05
Aldehydes						
Acetaldehyde			1.6E-04	2.0E-05		1.8E-04
Formaldehyde			6.3E-05	7.9E-06		7.1E-05
Propionaldehyde			2.0E-05	2.5E-06	2.1E-12	2.2E-05
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-486 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	5.2E-08	2.0E-07	1.3E-06	1.6E-07	1.2E-10	1.7E-06
2,3,7,8-TCDF						
OCDD						
OCDF						
HCN						
Hydrogen cyanide			2.0E-04	2.5E-05		2.2E-04
Metals						
Aluminum		1.1E-02			1.1E-04	1.1E-02
Antimony		6.4E-04				6.4E-04
Arsenic	2.0E-03	4.7E-03	4.0E-05	4.9E-06	7.7E-06	6.8E-03
Barium		1.6E-08	2.5E-04	3.1E-05	3.1E-10	2.8E-04
Beryllium		5.2E-13	2.1E-06	2.7E-07	2.6E-15	2.4E-06
Cadmium		8.2E-13	7.6E-05	9.5E-06	4.0E-15	8.5E-05
Chromium		5.5E-11				5.5E-11
Cobalt		1.0E-01	1.6E-03	2.0E-04	2.6E-04	1.1E-01
Copper		8.4E-09				8.4E-09
Iron		3.6E-02				3.6E-02
Lead						
Manganese						
Mercury (+2)		1.1E-10	7.8E-08	9.8E-09	5.6E-15	8.8E-08

Table H-486 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental			3.3E-10	4.1E-11	6.3E-03	6.3E-03
Methyl Mercury		2.0E-11				2.0E-11
Nickel		2.9E-02	3.9E-05	4.8E-06	3.2E-04	3.0E-02
Phosphorus		3.7E-10				3.7E-10
Selenium		8.1E-15	8.7E-09	1.1E-09	9.9E-20	9.8E-09
Silver		1.7E-10				1.7E-10
Thallium (Soluble Salts)		2.7E-02				2.7E-02
Titanium						
Zinc		6.1E-13				6.1E-13
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.4E-15	3.1E-15				6.5E-15
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	5.8E-14	5.2E-14				1.1E-13
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						

Table H-486 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						
Biphenyl		6.7E-15	2.8E-04	3.5E-05	4.9E-12	3.1E-04
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	1.7E-12	1.5E-12				3.2E-12
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene			5.0E-05	6.2E-06		5.6E-05
Perylene						
Phenanthrene						
Pyrene	8.3E-12	7.6E-12				1.6E-11
Particulate						
Particulate Total Suspended Partic						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	9.3E-12	7.8E-12				1.7E-11
Heptachlorobiphenyl	3.7E-12	3.2E-12	9.8E-10	1.2E-10	2.5E-15	1.1E-09
Hexachlorobiphenyl	1.7E-11	1.4E-11	4.1E-06	5.1E-07	1.1E-11	4.6E-06
Monochlorobiphenyl	6.4E-11	5.4E-11				1.2E-10
Nonachlorobiphenyl	6.6E-13	5.6E-13				1.2E-12

Table H-486 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Octachlorobiphenyl	1.2E-12	1.0E-12				2.2E-12
Pentachlorobiphenyl	6.1E-11	5.1E-11	4.6E-05	5.7E-06	1.3E-10	5.1E-05
Tetrachlorobiphenyl	3.5E-12	3.0E-12	2.3E-07	2.9E-08	1.5E-13	2.6E-07
Trichlorobiphenyl	4.3E-12	3.6E-12				7.8E-12
Pesticides						
DDE						
Dieldrin	9.4E-06	1.1E-05				2.1E-05
SVOCs						
1,2,4-trichlorobenzene			1.3E-07	1.7E-08		1.5E-07
1,2-dichlorobenzene			5.4E-10	6.8E-11		6.1E-10
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.9E-09	2.4E-10		2.1E-09
1,4-Dioxane			4.3E-03			4.3E-03
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			9.3E-08	1.2E-08		1.0E-07
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-10	4.0E-10				7.4E-10

Table H-486 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Butyl benzyl phthalate	1.6E-14	1.9E-14				3.6E-14
Carbazole						
Dibenzofuran	1.4E-13	5.7E-13				7.1E-13
Dimethyl phthalate						
Di-n-butyl phthalate	3.3E-14	3.9E-14				7.1E-14
Di-n-octyl phthalate	9.4E-13	1.1E-12				2.1E-12
Hexachlorobutadiene						
Isopropanol			1.0E-02			1.0E-02
Phenol			1.5E-06	1.9E-07		1.7E-06
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			2.7E-11	3.3E-12		3.0E-11
1,1-Dichloroethene			1.3E-10	1.6E-11		1.5E-10
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.6E-07	4.5E-08		4.1E-07
1,2,4-Trimethylbenzene			8.9E-07	1.1E-07		1.0E-06
1,2-Dibromoethane			7.7E-09	9.6E-10		8.6E-09
1,2-Dichloroethane			4.0E-07	1.4E-04		1.4E-04
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						

Table H-486 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
2-Butanone			6.6E-09	8.3E-10		7.4E-09
2-Chlorotoluene						
2-Hexanone			2.3E-07	2.8E-08		2.5E-07
Benzene			2.1E-03	3.2E-04		2.5E-03
Bromobenzene			6.2E-07	7.8E-08		7.0E-07
Bromochloromethane			2.2E-09	2.8E-10		2.5E-09
Bromodichloromethane						
Bromomethane			7.6E-07	9.5E-08		8.6E-07
Carbon disulfide			4.8E-09	6.0E-10		5.4E-09
Carbon tetrachloride			1.3E-03	1.5E-04		1.5E-03
Chlorobenzene			9.6E-08	1.2E-08		1.1E-07
Chlorodibromomethane						
Chloroethane			9.1E-10	1.1E-10		1.0E-09
Chloroform			4.4E-04	2.4E-05		4.7E-04
Chloromethane			3.4E-07	4.3E-08		3.9E-07
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			5.1E-08	6.4E-09		5.7E-08
Dichlorodifluoromethane			2.5E-09	3.1E-10		2.8E-09
Ethylbenzene			3.7E-05	2.4E-08		3.7E-05
Isopropylbenzene			3.9E-08	4.9E-09		4.4E-08
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.2E-10	1.5E-11		1.3E-10

Table H-486 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Methylene chloride			3.0E-08	3.8E-09		3.4E-08
n-Butylbenzene						
n-Propylbenzene			9.4E-09	1.2E-09		1.1E-08
o-Xylene			2.3E-07	2.9E-08		2.6E-07
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			5.1E-07	6.4E-08		5.7E-07
tert-Butylbenzene						
Tetrachloroethene			3.0E-09	3.8E-10		3.4E-09
Toluene			6.3E-08	7.9E-09		7.1E-08
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			5.0E-03	4.5E-10		5.0E-03
Trichlorofluoromethane						
Vinyl chloride			1.4E-04	6.2E-09		1.4E-04
Grand Total	2.0E-03	2.1E-01	2.6E-02	1.0E-03	7.0E-03	2.5E-01

Table H-487 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.4E-10	3.2E-10	1.7E-11	1.7E-11			4.9E-10
Formaldehyde						3.4E-10	7.9E-10	4.3E-11	4.3E-11			1.2E-09
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	5.1E-17	4.2E-14	5.9E-14	1.6E-13	4.6E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.4E-18	1.5E-17	5.0E-11
1,2,3,4,6,7,8-HpCDF	5.0E-17	4.2E-14	5.9E-14	1.7E-13	4.7E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.4E-18	1.5E-17	5.0E-11
1,2,3,4,7,8,9-HpCDF	8.1E-18	4.9E-15	6.8E-15	1.9E-14	5.4E-14	1.8E-12	4.1E-12	2.2E-13	2.2E-13	2.7E-19	1.7E-18	6.4E-12
1,2,3,4,7,8-HxCDD	6.1E-16	4.8E-14	6.6E-14	1.9E-13	5.2E-13	1.7E-11	3.8E-11	2.1E-12	2.1E-12	2.7E-18	1.7E-17	6.0E-11
1,2,3,4,7,8-HxCDF	4.2E-15	3.8E-13	5.3E-13	1.5E-12	4.2E-12	1.3E-10	3.1E-10	1.7E-11	1.7E-11	2.1E-17	1.3E-16	4.9E-10
1,2,3,6,7,8-HxCDD	1.2E-15	9.7E-14	1.4E-13	3.8E-13	1.1E-12	3.5E-11	8.0E-11	4.4E-12	4.4E-12	5.5E-18	3.4E-17	1.3E-10
1,2,3,6,7,8-HxCDF	1.6E-15	1.2E-13	1.7E-13	4.9E-13	1.4E-12	4.4E-11	1.0E-10	5.5E-12	5.5E-12	7.0E-18	4.3E-17	1.6E-10
1,2,3,7,8,9-HxCDD	1.7E-15	1.5E-13	2.1E-13	6.0E-13	1.7E-12	5.3E-11	1.2E-10	6.6E-12	6.6E-12	8.6E-18	5.3E-17	1.9E-10
1,2,3,7,8,9-HxCDF	1.3E-16	8.8E-15	1.2E-14	3.5E-14	9.7E-14	3.4E-12	7.7E-12	4.2E-13	4.2E-13	5.0E-19	3.1E-18	1.2E-11
1,2,3,7,8-PeCDD	3.8E-14	5.4E-13	7.5E-13	2.1E-12	5.9E-12	2.1E-10	4.9E-10	2.6E-11	2.6E-11	3.0E-17	1.9E-16	7.6E-10
1,2,3,7,8-PeCDF	2.7E-15	3.2E-14	4.4E-14	1.2E-13	3.5E-13	1.5E-11	3.5E-11	1.9E-12	1.9E-12	1.8E-18	1.1E-17	5.4E-11
2,3,4,6,7,8-HxCDF	2.3E-15	1.9E-13	2.7E-13	7.6E-13	2.1E-12	6.8E-11	1.6E-10	8.5E-12	8.5E-12	1.1E-17	6.7E-17	2.4E-10
2,3,4,7,8-PeCDF	4.2E-14	7.6E-13	1.1E-12	3.0E-12	8.3E-12	3.4E-10	7.8E-10	4.2E-11	4.2E-11	4.3E-17	2.6E-16	1.2E-09
2,3,7,8-TCDD	1.3E-14	1.1E-13	1.5E-13	4.4E-13	1.2E-12	8.4E-11	1.9E-10	1.1E-11	1.1E-11	4.3E-15	2.7E-14	3.0E-10
2,3,7,8-TCDF	4.4E-15	2.0E-14	2.8E-14	7.9E-14	2.2E-13	3.1E-11	7.2E-11	3.9E-12	3.9E-12	1.1E-18	7.0E-18	1.1E-10
OCDD	6.8E-21	2.8E-16	4.0E-16	1.1E-15	3.1E-15	9.2E-14	2.1E-13	1.1E-14	1.1E-14	1.6E-20	9.9E-20	3.3E-13
OCDF	2.5E-21	1.1E-16	1.5E-16	4.3E-16	1.2E-15	3.4E-14	7.9E-14	4.3E-15	4.3E-15	6.2E-21	3.8E-20	1.2E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-487 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	5.2E-17	3.8E-08	1.5E-08	9.1E-08	7.0E-08	1.1E-10	2.5E-10	1.4E-11	1.4E-11	2.1E-11	3.6E-11	2.1E-07
Barium												
Beryllium						4.4E-12	1.0E-11	5.5E-13	5.5E-13	5.3E-21	3.2E-20	1.6E-11
Cadmium						5.8E-11	1.3E-10	7.3E-12	7.3E-12	3.1E-21	1.9E-20	2.1E-10
Chromium												
Cobalt						3.8E-09	8.8E-09	4.7E-10	4.7E-10	5.9E-10	1.5E-09	1.6E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.9E-11	8.9E-11	4.8E-12	4.8E-12	3.2E-10	8.5E-10	1.3E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.0E-19	4.1E-19	2.7E-19	7.5E-19							1.7E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.9E-13	2.8E-09	1.6E-08	2.5E-09	2.9E-08	1.4E-11	3.3E-11	1.8E-12	1.8E-12	5.8E-12	3.6E-11	5.0E-08
Benzo(a)pyrene	9.5E-13	2.6E-08	1.8E-07	2.4E-08	3.2E-07	5.5E-11	1.3E-10	6.9E-12	6.9E-12	1.8E-13	5.2E-12	5.5E-07
Benzo(b)fluoranthene	2.6E-14	4.1E-09	2.5E-08	3.7E-09	4.5E-08	6.2E-12	1.4E-11	7.7E-13	7.7E-13	2.8E-14	7.3E-13	7.7E-08
Benzo(e)pyrene												

Table H-487 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	1.9E-17	2.2E-10	1.2E-09	2.0E-10	2.3E-09	5.5E-14	1.3E-13	6.9E-15	6.9E-15	1.5E-14	3.7E-13	3.9E-09
Biphenyl				1.1E-18	3.2E-18							4.3E-18
Chrysene	3.3E-16	3.5E-11	1.8E-10	3.2E-11	3.3E-10	2.4E-12	5.6E-12	3.0E-13	3.0E-13	2.4E-15	5.3E-14	5.8E-10
Dibenze(a,h)anthracene	4.7E-14	6.2E-09	4.4E-08	5.6E-09	7.9E-08	9.5E-12	2.2E-11	1.2E-12	1.2E-12	4.5E-14	1.4E-12	1.3E-07
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.2E-14	1.8E-09	1.1E-08	1.6E-09	2.1E-08	2.9E-12	6.7E-12	3.6E-13	3.6E-13	1.2E-14	3.4E-13	3.5E-08
Napthalene						2.2E-10	5.0E-10	2.7E-11	2.7E-11			7.7E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.8E-17	1.1E-18	1.5E-18	9.0E-19	2.5E-18	8.0E-14	1.8E-13	9.9E-15	9.9E-15	2.4E-20	1.5E-19	2.8E-13
Heptachlorobiphenyl	2.0E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	3.1E-14	7.2E-14	3.9E-15	3.9E-15	4.2E-20	2.6E-19	1.1E-13
Hexachlorobiphenyl	7.9E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	1.3E-13	3.0E-13	1.6E-14	1.6E-14	1.9E-19	1.2E-18	4.6E-13
Monochlorobiphenyl	1.3E-16	7.4E-18	1.0E-17	6.2E-18	1.7E-17	5.5E-13	1.3E-12	6.9E-14	6.9E-14	1.7E-19	1.0E-18	2.0E-12
Nonachlorobiphenyl	2.4E-18	6.1E-19	8.6E-19	5.2E-19	1.4E-18	4.4E-15	1.0E-14	5.5E-16	5.5E-16	7.5E-21	4.6E-20	1.6E-14
Octachlorobiphenyl	5.8E-18	1.1E-18	1.6E-18	9.5E-19	2.7E-18	9.5E-15	2.2E-14	1.2E-15	1.2E-15	1.4E-20	8.5E-20	3.4E-14
Pentachlorobiphenyl	2.6E-16	5.6E-17	7.9E-17	4.8E-17	1.3E-16	4.5E-13	1.0E-12	5.6E-14	5.6E-14	6.9E-19	4.3E-18	1.6E-12
Tetrachlorobiphenyl	5.4E-18	4.1E-19	5.7E-19	3.4E-19	9.6E-19	2.6E-14	6.0E-14	3.2E-15	3.2E-15	9.1E-21	5.6E-20	9.2E-14
Trichlorobiphenyl	7.1E-18	4.9E-19	6.8E-19	4.1E-19	1.2E-18	3.3E-14	7.6E-14	4.1E-15	4.1E-15	1.1E-20	6.8E-20	1.2E-13
Pesticides												
DDE				1.3E-09	3.2E-09					1.2E-11	7.3E-11	4.6E-09
Dieldrin		3.2E-10	6.8E-09	3.8E-10	1.6E-08					5.4E-15	5.0E-13	2.4E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	2.1E-20					7.2E-13	1.7E-12	8.9E-14	8.9E-14			2.5E-12
1,4-Dioxane						2.7E-08						2.7E-08

Table H-487 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.9E-16	4.0E-15	5.6E-15	4.8E-15	1.3E-14	2.0E-11	4.5E-11	2.4E-12	2.4E-12	4.0E-20	2.5E-19	7.0E-11
Butyl benzyl phthalate	1.4E-17	2.6E-19	3.7E-19	3.1E-19	8.8E-19							1.6E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	2.3E-17					4.2E-11	9.7E-11	5.2E-12	5.2E-12			1.5E-10
Isopropanol												
p-Chloroaniline			2.8E-09		6.6E-09							9.4E-09
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	3.0E-21					4.3E-14	9.9E-14	5.4E-15	5.4E-15			1.5E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.4E-18											1.4E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	3.2E-20					1.8E-12	4.1E-12	2.2E-13	2.2E-13			6.3E-12
1,2-Dichloroethane	4.5E-20					3.1E-12	4.9E-08	1.1E-09	1.1E-09			5.1E-08
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												

Table H-487 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorotoluene												
2-Hexanone												
Benzene	4.7E-18					2.1E-08	9.0E-08	3.2E-09	3.2E-09			1.2E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	8.3E-22					1.5E-13	5.4E-07	1.9E-14	1.9E-14			5.4E-07
Bromoform							7.2E-08					7.2E-08
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	4.0E-22					3.3E-08	1.0E-07	4.0E-09	4.0E-09			1.4E-07
Chlorobenzene												
Chlorodibromomethane	6.6E-20											6.6E-20
Chloroethane												
Chloroform	3.7E-21					4.3E-08	7.8E-07	2.4E-09	2.4E-09			8.3E-07
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	7.0E-19					3.9E-09	2.4E-08	2.6E-12	2.6E-12			2.8E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	2.2E-21					7.7E-15	1.8E-14	9.7E-16	9.7E-16			2.8E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.9E-23					1.3E-15	3.1E-15	1.7E-16	1.7E-16			4.8E-15
Toluene												
trans-1,2-Dichloroethene												

Table H-487 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
trans-1,3-Dichloropropene												
Trichloroethene	1.3E-23					1.8E-09	7.9E-08	1.6E-16	1.6E-16			8.1E-08
Trichlorofluoromethane												
Vinyl chloride	1.5E-20					2.6E-09	2.2E-12	1.2E-13	1.2E-13			2.6E-09
Grand Total	1.3E-12	8.0E-08	3.0E-07	1.3E-07	5.9E-07	1.4E-07	1.7E-06	1.1E-08	1.1E-08	9.5E-10	2.5E-09	3.0E-06

Table H-488 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					6.3E-05	1.5E-04	7.9E-06	7.9E-06			2.2E-04
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.1E-02	2.0E-02					1.1E-04	4.2E-04	3.1E-02
Antimony	3.9E-14			6.4E-04	3.6E-03							4.2E-03

Table H-488 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	2.0E-03	7.7E-04	4.7E-03	3.6E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	7.7E-06	1.3E-05	1.1E-02
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt				1.0E-01	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.6E-04	6.6E-04	2.3E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				3.6E-02	5.4E-02							9.0E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	6.3E-03	3.9E-02	4.5E-02
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.9E-02	3.5E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.2E-04	8.5E-04	6.6E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Thallium (Soluble Salts)				2.7E-02	1.7E-02							4.4E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-488 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
DDE												
Dieldrin		9.4E-06	2.0E-04	1.1E-05	4.7E-04							6.9E-04
SVOCs												
1,2,4-trichlorobenzene								1.3E-07	3.1E-07	1.7E-08	1.7E-08	4.8E-07
1,2-dichlorobenzene	3.1E-17							5.4E-10	1.3E-09	6.8E-11	6.8E-11	1.9E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15							1.9E-09	4.4E-09	2.4E-10	2.4E-10	6.8E-09
1,4-Dioxane								4.3E-03				4.3E-03

Table H-488 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.0E-02	1.1E-02					2.1E-02
p-Chloroaniline			8.2E-05		1.9E-04							2.8E-04
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	6.3E-03	1.4E-04	1.4E-04			6.5E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08

Table H-488 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.1E-03	9.0E-03	3.2E-04	3.2E-04			1.2E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromoform												
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.3E-03	3.9E-03	1.5E-04	1.5E-04			5.5E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					4.4E-04	8.1E-03	2.4E-05	2.4E-05			8.6E-03
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					3.7E-05	2.2E-04	2.4E-08	2.4E-08			2.6E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15

Table H-488 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					5.0E-03	2.2E-01	4.5E-10	4.5E-10			2.3E-01
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					1.4E-04	1.1E-07	6.2E-09	6.2E-09			1.4E-04
Grand Total	4.8E-09	2.0E-03	1.0E-03	2.1E-01	2.6E-01	2.6E-02	2.7E-01	1.0E-03	1.0E-03	7.0E-03	4.1E-02	8.2E-01

Table H-489 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.4E-10	3.2E-10	1.7E-11	1.7E-11			4.9E-10
Formaldehyde						3.4E-10	2.2E-05	4.3E-11	4.3E-11			2.2E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	5.1E-17	4.2E-14	5.9E-14	1.6E-13	4.6E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.4E-18	1.5E-17	5.0E-11
1,2,3,4,6,7,8-HpCDF	5.0E-17	4.2E-14	5.9E-14	1.7E-13	4.7E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.4E-18	1.5E-17	5.0E-11
1,2,3,4,7,8,9-HpCDF	8.1E-18	4.9E-15	6.8E-15	1.9E-14	5.4E-14	1.8E-12	4.1E-12	2.2E-13	2.2E-13	2.7E-19	1.7E-18	6.4E-12
1,2,3,4,7,8-HxCDD	6.1E-16	4.8E-14	6.6E-14	1.9E-13	5.2E-13	1.7E-11	3.8E-11	2.1E-12	2.1E-12	2.7E-18	1.7E-17	6.0E-11
1,2,3,4,7,8-HxCDF	4.2E-15	3.8E-13	5.3E-13	1.5E-12	4.2E-12	1.3E-10	3.1E-10	1.7E-11	1.7E-11	2.1E-17	1.3E-16	4.9E-10
1,2,3,6,7,8-HxCDD	1.2E-15	9.7E-14	1.4E-13	3.8E-13	1.1E-12	3.5E-11	8.0E-11	4.4E-12	4.4E-12	5.5E-18	3.4E-17	1.3E-10
1,2,3,6,7,8-HxCDF	1.6E-15	1.2E-13	1.7E-13	4.9E-13	1.4E-12	4.4E-11	1.0E-10	5.5E-12	5.5E-12	7.0E-18	4.3E-17	1.6E-10
1,2,3,7,8,9-HxCDD	1.7E-15	1.5E-13	2.1E-13	6.0E-13	1.7E-12	5.3E-11	1.2E-10	6.6E-12	6.6E-12	8.6E-18	5.3E-17	1.9E-10
1,2,3,7,8,9-HxCDF	1.3E-16	8.8E-15	1.2E-14	3.5E-14	9.7E-14	3.4E-12	7.7E-12	4.2E-13	4.2E-13	5.0E-19	3.1E-18	1.2E-11
1,2,3,7,8-PeCDD	3.8E-14	5.4E-13	7.5E-13	2.1E-12	5.9E-12	2.1E-10	4.9E-10	2.6E-11	2.6E-11	3.0E-17	1.9E-16	7.6E-10
1,2,3,7,8-PeCDF	2.7E-15	3.2E-14	4.4E-14	1.2E-13	3.5E-13	1.5E-11	3.5E-11	1.9E-12	1.9E-12	1.8E-18	1.1E-17	5.4E-11
2,3,4,6,7,8-HxCDF	2.3E-15	1.9E-13	2.7E-13	7.6E-13	2.1E-12	6.8E-11	1.6E-10	8.5E-12	8.5E-12	1.1E-17	6.7E-17	2.4E-10
2,3,4,7,8-PeCDF	4.2E-14	7.6E-13	1.1E-12	3.0E-12	8.3E-12	3.4E-10	7.8E-10	4.2E-11	4.2E-11	4.3E-17	2.6E-16	1.2E-09
2,3,7,8-TCDD	1.3E-14	1.1E-13	1.5E-13	4.4E-13	1.2E-12	8.4E-11	1.9E-10	1.1E-11	1.1E-11	4.3E-15	2.7E-14	3.0E-10
2,3,7,8-TCDF	4.4E-15	2.0E-14	2.8E-14	7.9E-14	2.2E-13	3.1E-11	7.2E-11	3.9E-12	3.9E-12	1.1E-18	7.0E-18	1.1E-10
OCDD	6.8E-21	2.8E-16	4.0E-16	1.1E-15	3.1E-15	9.2E-14	2.1E-13	1.1E-14	1.1E-14	1.6E-20	9.9E-20	3.3E-13
OCDF	2.5E-21	1.1E-16	1.5E-16	4.3E-16	1.2E-15	3.4E-14	7.9E-14	4.3E-15	4.3E-15	6.2E-21	3.8E-20	1.2E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-489 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	5.2E-17	3.8E-08	2.9E-08	9.1E-08	1.4E-07	1.1E-10	2.5E-10	1.4E-11	1.4E-11	2.1E-11	7.1E-11	3.0E-07
Barium												
Beryllium						4.4E-12	1.0E-11	5.5E-13	5.5E-13	5.3E-21	3.2E-20	1.6E-11
Cadmium						5.8E-11	1.3E-10	7.3E-12	7.3E-12	3.1E-21	1.9E-20	2.1E-10
Chromium												
Cobalt						3.8E-09	8.8E-09	4.7E-10	4.7E-10	5.9E-10	1.5E-09	1.6E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.9E-11	8.9E-11	4.8E-12	4.8E-12	3.2E-10	9.5E-10	1.4E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.0E-19	4.1E-19	2.7E-19	7.5E-19							1.7E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.9E-13	2.8E-09	7.2E-14	2.5E-09	1.3E-13	1.4E-11	3.3E-11	1.8E-12	1.8E-12	5.8E-12	3.6E-11	5.4E-09
Benzo(a)pyrene	9.5E-13	2.6E-08	3.4E-13	2.4E-08	6.1E-13	5.5E-11	1.3E-10	6.9E-12	6.9E-12	1.8E-13	1.0E-17	5.1E-08
Benzo(b)fluoranthene	2.6E-14	4.1E-09	1.9E-15	3.7E-09	3.5E-15	6.2E-12	1.4E-11	7.7E-13	7.7E-13	2.8E-14	5.7E-20	7.9E-09
Benzo(e)pyrene												

Table H-489 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	1.9E-17	2.2E-10	2.0E-16	2.0E-10	3.6E-16	5.5E-14	1.3E-13	6.9E-15	6.9E-15	1.5E-14	5.9E-20	4.2E-10
Biphenyl				1.1E-18	3.2E-18							4.3E-18
Chrysene	3.3E-16	3.5E-11	9.1E-16	3.2E-11	1.6E-15	2.4E-12	5.6E-12	3.0E-13	3.0E-13	2.4E-15	2.7E-19	7.6E-11
Dibenze(a,h)anthracene	4.7E-14	6.2E-09	1.2E-13	5.6E-09	2.1E-13	9.5E-12	2.2E-11	1.2E-12	1.2E-12	4.5E-14	3.7E-18	1.2E-08
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.2E-14	1.8E-09	3.3E-14	1.6E-09	6.0E-14	2.9E-12	6.7E-12	3.6E-13	3.6E-13	1.2E-14	9.8E-19	3.4E-09
Napthalene						2.2E-10	5.0E-10	2.7E-11	2.7E-11			7.7E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.8E-17	1.1E-18	1.5E-18	9.0E-19	2.5E-18	8.0E-14	1.8E-13	9.9E-15	9.9E-15	2.4E-20	1.5E-19	2.8E-13
Heptachlorobiphenyl	2.0E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	3.1E-14	7.2E-14	3.9E-15	3.9E-15	4.2E-20	2.6E-19	1.1E-13
Hexachlorobiphenyl	7.9E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	1.3E-13	3.0E-13	1.6E-14	1.6E-14	1.9E-19	1.2E-18	4.6E-13
Monochlorobiphenyl	1.3E-16	7.4E-18	1.0E-17	6.2E-18	1.7E-17	5.5E-13	1.3E-12	6.9E-14	6.9E-14	1.7E-19	1.0E-18	2.0E-12
Nonachlorobiphenyl	2.4E-18	6.1E-19	8.6E-19	5.2E-19	1.4E-18	4.4E-15	1.0E-14	5.5E-16	5.5E-16	7.5E-21	4.6E-20	1.6E-14
Octachlorobiphenyl	5.8E-18	1.1E-18	1.6E-18	9.5E-19	2.7E-18	9.5E-15	2.2E-14	1.2E-15	1.2E-15	1.4E-20	8.5E-20	3.4E-14
Pentachlorobiphenyl	2.6E-16	5.6E-17	7.9E-17	4.8E-17	1.3E-16	4.5E-13	1.0E-12	5.6E-14	5.6E-14	6.9E-19	4.3E-18	1.6E-12
Tetrachlorobiphenyl	5.4E-18	4.1E-19	5.7E-19	3.4E-19	9.6E-19	2.6E-14	6.0E-14	3.2E-15	3.2E-15	9.1E-21	5.6E-20	9.2E-14
Trichlorobiphenyl	7.1E-18	4.9E-19	6.8E-19	4.1E-19	1.2E-18	3.3E-14	7.6E-14	4.1E-15	4.1E-15	1.1E-20	6.8E-20	1.2E-13
Pesticides												
DDE				1.3E-09	1.1E-09					1.2E-11	7.3E-11	2.5E-09
Dieldrin		3.2E-10		3.8E-10						5.4E-15		7.0E-10
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	2.1E-20					7.2E-13	1.7E-12	8.9E-14	8.9E-14			2.5E-12
1,4-Dioxane						2.7E-08						2.7E-08

Table H-489 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.9E-16	4.0E-15	5.6E-15	4.8E-15	1.3E-14	2.0E-11	4.5E-11	2.4E-12	2.4E-12	4.0E-20	2.5E-19	7.0E-11
Butyl benzyl phthalate	1.4E-17	2.6E-19	3.7E-19	3.1E-19	8.8E-19							1.6E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	2.3E-17					4.2E-11	9.7E-11	5.2E-12	5.2E-12			1.5E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	3.0E-21					4.3E-14	9.9E-14	5.4E-15	5.4E-15			1.5E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.4E-18											1.4E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	3.2E-20					1.8E-12	4.1E-12	2.2E-13	2.2E-13			6.3E-12
1,2-Dichloroethane	4.5E-20					3.1E-12	7.1E-12	1.1E-09	1.1E-09			2.2E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												

Table H-489 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone												
Benzene	4.7E-18					2.1E-08	6.7E-10	3.2E-09	3.2E-09			2.9E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	8.3E-22					1.5E-13	3.5E-13	1.9E-14	1.9E-14			5.4E-13
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	4.0E-22					3.3E-08	1.3E-13	4.0E-09	4.0E-09			4.1E-08
Chlorobenzene												
Chlorodibromomethane	6.6E-20											6.6E-20
Chloroethane												
Chloroform	3.7E-21					4.3E-08	4.5E-12	2.4E-09	2.4E-09			4.7E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	7.0E-19					3.9E-09	4.8E-11	2.6E-12	2.6E-12			4.0E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	2.2E-21					7.7E-15	1.8E-14	9.7E-16	9.7E-16			2.8E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.9E-23					1.3E-15	3.1E-15	1.7E-16	1.7E-16			4.8E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.3E-23					1.8E-09	2.9E-15	1.6E-16	1.6E-16			1.8E-09

Table H-489 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane												
Vinyl chloride	1.5E-20					2.6E-09	2.2E-12	1.2E-13	1.2E-13			2.6E-09
Grand Total	1.3E-12	8.0E-08	2.9E-08	1.3E-07	1.4E-07	1.4E-07	2.2E-05	1.1E-08	1.1E-08	9.5E-10	2.7E-09	2.3E-05

Table H-490 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					6.3E-05	4.0E+00	7.9E-06	7.9E-06			4.0E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.1E-02	2.4E-02					1.1E-04	5.1E-04	3.5E-02
Antimony	3.9E-14			6.4E-04	1.2E-03							1.8E-03

Table H-490 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	2.0E-03	1.5E-03	4.7E-03	7.2E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	7.7E-06	2.6E-05	1.6E-02
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt				1.0E-01	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.6E-04	6.7E-04	2.4E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				3.6E-02	5.7E-02							9.3E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	6.3E-03	3.9E-02	4.5E-02
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.9E-02	4.0E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.2E-04	9.5E-04	7.0E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Thallium (Soluble Salts)				2.7E-02	1.4E-02							4.1E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-490 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
DDE												
Dieldrin		9.4E-06		1.1E-05								2.1E-05
SVOCs												
1,2,4-trichlorobenzene								1.3E-07	3.1E-07	1.7E-08	1.7E-08	4.8E-07
1,2-dichlorobenzene	3.1E-17							5.4E-10	1.3E-09	6.8E-11	6.8E-11	1.9E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15							1.9E-09	4.4E-09	2.4E-10	2.4E-10	6.8E-09
1,4-Dioxane								4.3E-03				4.3E-03

Table H-490 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.0E-02						1.0E-02
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	9.1E-07	1.4E-04	1.4E-04			2.9E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												

Table H-490 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.1E-03	6.7E-05	3.2E-04	3.2E-04			2.8E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.3E-03	5.0E-09	1.5E-04	1.5E-04			1.6E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					4.4E-04	4.6E-08	2.4E-05	2.4E-05			4.9E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					3.7E-05	4.5E-07	2.4E-08	2.4E-08			3.7E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					5.0E-03	8.4E-09	4.5E-10	4.5E-10			5.0E-03

Table H-490 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					1.4E-04	1.1E-07	6.2E-09	6.2E-09			1.4E-04
Grand Total	4.8E-09	2.0E-03	1.5E-03	2.1E-01	2.7E-01	2.6E-02	4.0E+00	1.0E-03	1.0E-03	7.0E-03	4.1E-02	4.6E+00

Table H-491 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.4E-10	3.2E-10	1.7E-11	1.7E-11			4.9E-10
Formaldehyde						3.4E-10	1.5E-05	4.3E-11	4.3E-11			1.5E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	5.1E-17	4.2E-14	5.9E-14	1.6E-13	4.6E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.4E-18	1.5E-17	5.0E-11
1,2,3,4,6,7,8-HpCDF	5.0E-17	4.2E-14	5.9E-14	1.7E-13	4.7E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.4E-18	1.5E-17	5.0E-11
1,2,3,4,7,8,9-HpCDF	8.1E-18	4.9E-15	6.8E-15	1.9E-14	5.4E-14	1.8E-12	4.1E-12	2.2E-13	2.2E-13	2.7E-19	1.7E-18	6.4E-12
1,2,3,4,7,8-HxCDD	6.1E-16	4.8E-14	6.6E-14	1.9E-13	5.2E-13	1.7E-11	3.8E-11	2.1E-12	2.1E-12	2.7E-18	1.7E-17	6.0E-11
1,2,3,4,7,8-HxCDF	4.2E-15	3.8E-13	5.3E-13	1.5E-12	4.2E-12	1.3E-10	3.1E-10	1.7E-11	1.7E-11	2.1E-17	1.3E-16	4.9E-10
1,2,3,6,7,8-HxCDD	1.2E-15	9.7E-14	1.4E-13	3.8E-13	1.1E-12	3.5E-11	8.0E-11	4.4E-12	4.4E-12	5.5E-18	3.4E-17	1.3E-10
1,2,3,6,7,8-HxCDF	1.6E-15	1.2E-13	1.7E-13	4.9E-13	1.4E-12	4.4E-11	1.0E-10	5.5E-12	5.5E-12	7.0E-18	4.3E-17	1.6E-10
1,2,3,7,8,9-HxCDD	1.7E-15	1.5E-13	2.1E-13	6.0E-13	1.7E-12	5.3E-11	1.2E-10	6.6E-12	6.6E-12	8.6E-18	5.3E-17	1.9E-10
1,2,3,7,8,9-HxCDF	1.3E-16	8.8E-15	1.2E-14	3.5E-14	9.7E-14	3.4E-12	7.7E-12	4.2E-13	4.2E-13	5.0E-19	3.1E-18	1.2E-11
1,2,3,7,8-PeCDD	3.8E-14	5.4E-13	7.5E-13	2.1E-12	5.9E-12	2.1E-10	4.9E-10	2.6E-11	2.6E-11	3.0E-17	1.9E-16	7.6E-10
1,2,3,7,8-PeCDF	2.7E-15	3.2E-14	4.4E-14	1.2E-13	3.5E-13	1.5E-11	3.5E-11	1.9E-12	1.9E-12	1.8E-18	1.1E-17	5.4E-11
2,3,4,6,7,8-HxCDF	2.3E-15	1.9E-13	2.7E-13	7.6E-13	2.1E-12	6.8E-11	1.6E-10	8.5E-12	8.5E-12	1.1E-17	6.7E-17	2.4E-10
2,3,4,7,8-PeCDF	4.2E-14	7.6E-13	1.1E-12	3.0E-12	8.3E-12	3.4E-10	7.8E-10	4.2E-11	4.2E-11	4.3E-17	2.6E-16	1.2E-09
2,3,7,8-TCDD	1.3E-14	1.1E-13	1.5E-13	4.4E-13	1.2E-12	8.4E-11	1.9E-10	1.1E-11	1.1E-11	4.3E-15	2.7E-14	3.0E-10
2,3,7,8-TCDF	4.4E-15	2.0E-14	2.8E-14	7.9E-14	2.2E-13	3.1E-11	7.2E-11	3.9E-12	3.9E-12	1.1E-18	7.0E-18	1.1E-10
OCDD	6.8E-21	2.8E-16	4.0E-16	1.1E-15	3.1E-15	9.2E-14	2.1E-13	1.1E-14	1.1E-14	1.6E-20	9.9E-20	3.3E-13
OCDF	2.5E-21	1.1E-16	1.5E-16	4.3E-16	1.2E-15	3.4E-14	7.9E-14	4.3E-15	4.3E-15	6.2E-21	3.8E-20	1.2E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-491 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	5.2E-17	3.8E-08	1.2E-08	9.1E-08	5.5E-08	1.1E-10	2.5E-10	1.4E-11	1.4E-11	2.1E-11	2.9E-11	2.0E-07
Barium												
Beryllium						4.4E-12	1.0E-11	5.5E-13	5.5E-13	5.3E-21	3.2E-20	1.6E-11
Cadmium						5.8E-11	1.3E-10	7.3E-12	7.3E-12	3.1E-21	1.9E-20	2.1E-10
Chromium												
Cobalt						3.8E-09	8.8E-09	4.7E-10	4.7E-10	5.9E-10	2.6E-09	1.7E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.9E-11	8.9E-11	4.8E-12	4.8E-12	3.2E-10	1.6E-09	2.0E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.0E-19	4.1E-19	2.7E-19	7.5E-19							1.7E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.9E-13	2.8E-09	7.2E-14	2.5E-09	1.3E-13	1.4E-11	3.3E-11	1.8E-12	1.8E-12	5.8E-12	3.6E-11	5.4E-09
Benzo(a)pyrene	9.5E-13	2.6E-08	4.1E-08	2.4E-08	7.5E-08	5.5E-11	1.3E-10	6.9E-12	6.9E-12	1.8E-13	1.2E-12	1.7E-07
Benzo(b)fluoranthene	2.6E-14	4.1E-09	3.7E-09	3.7E-09	6.8E-09	6.2E-12	1.4E-11	7.7E-13	7.7E-13	2.8E-14	1.1E-13	1.8E-08
Benzo(e)pyrene												

Table H-491 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	1.9E-17	2.2E-10	2.0E-16	2.0E-10	3.6E-16	5.5E-14	1.3E-13	6.9E-15	6.9E-15	1.5E-14	5.9E-20	4.2E-10
Biphenyl				1.1E-18	3.2E-18							4.3E-18
Chrysene	3.3E-16	3.5E-11	9.1E-16	3.2E-11	1.6E-15	2.4E-12	5.6E-12	3.0E-13	3.0E-13	2.4E-15	2.7E-19	7.6E-11
Dibenze(a,h)anthracene	4.7E-14	6.2E-09	1.2E-13	5.6E-09	2.1E-13	9.5E-12	2.2E-11	1.2E-12	1.2E-12	4.5E-14	3.7E-18	1.2E-08
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.2E-14	1.8E-09	3.3E-14	1.6E-09	6.0E-14	2.9E-12	6.7E-12	3.6E-13	3.6E-13	1.2E-14	9.8E-19	3.4E-09
Napthalene						2.2E-10	5.0E-10	2.7E-11	2.7E-11			7.7E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.8E-17	1.1E-18	1.5E-18	9.0E-19	2.5E-18	8.0E-14	1.8E-13	9.9E-15	9.9E-15	2.4E-20	1.5E-19	2.8E-13
Heptachlorobiphenyl	2.0E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	3.1E-14	7.2E-14	3.9E-15	3.9E-15	4.2E-20	2.6E-19	1.1E-13
Hexachlorobiphenyl	7.9E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	1.3E-13	3.0E-13	1.6E-14	1.6E-14	1.9E-19	1.2E-18	4.6E-13
Monochlorobiphenyl	1.3E-16	7.4E-18	1.0E-17	6.2E-18	1.7E-17	5.5E-13	1.3E-12	6.9E-14	6.9E-14	1.7E-19	1.0E-18	2.0E-12
Nonachlorobiphenyl	2.4E-18	6.1E-19	8.6E-19	5.2E-19	1.4E-18	4.4E-15	1.0E-14	5.5E-16	5.5E-16	7.5E-21	4.6E-20	1.6E-14
Octachlorobiphenyl	5.8E-18	1.1E-18	1.6E-18	9.5E-19	2.7E-18	9.5E-15	2.2E-14	1.2E-15	1.2E-15	1.4E-20	8.5E-20	3.4E-14
Pentachlorobiphenyl	2.6E-16	5.6E-17	7.9E-17	4.8E-17	1.3E-16	4.5E-13	1.0E-12	5.6E-14	5.6E-14	6.9E-19	4.3E-18	1.6E-12
Tetrachlorobiphenyl	5.4E-18	4.1E-19	5.7E-19	3.4E-19	9.6E-19	2.6E-14	6.0E-14	3.2E-15	3.2E-15	9.1E-21	5.6E-20	9.2E-14
Trichlorobiphenyl	7.1E-18	4.9E-19	6.8E-19	4.1E-19	1.2E-18	3.3E-14	7.6E-14	4.1E-15	4.1E-15	1.1E-20	6.8E-20	1.2E-13
Pesticides												
DDE				1.3E-09	4.0E-09					1.2E-11	7.3E-11	5.4E-09
Dieldrin		3.2E-10		3.8E-10						5.4E-15		7.0E-10
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	2.1E-20					7.2E-13	1.7E-12	8.9E-14	8.9E-14			2.5E-12
1,4-Dioxane						2.7E-08						2.7E-08

Table H-491 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.9E-16	4.0E-15	5.6E-15	4.8E-15	1.3E-14	2.0E-11	4.5E-11	2.4E-12	2.4E-12	4.0E-20	2.5E-19	7.0E-11
Butyl benzyl phthalate	1.4E-17	2.6E-19	3.7E-19	3.1E-19	8.8E-19							1.6E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	2.3E-17					4.2E-11	9.7E-11	5.2E-12	5.2E-12			1.5E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	3.0E-21					4.3E-14	9.9E-14	5.4E-15	5.4E-15			1.5E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.4E-18											1.4E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	3.2E-20					1.8E-12	4.1E-12	2.2E-13	2.2E-13			6.3E-12
1,2-Dichloroethane	4.5E-20					3.1E-12	7.1E-12	1.1E-09	1.1E-09			2.2E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												

Table H-491 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone												
Benzene	4.7E-18					2.1E-08	6.7E-10	3.2E-09	3.2E-09			2.9E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	8.3E-22					1.5E-13	3.5E-13	1.9E-14	1.9E-14			5.4E-13
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	4.0E-22					3.3E-08	1.3E-13	4.0E-09	4.0E-09			4.1E-08
Chlorobenzene												
Chlorodibromomethane	6.6E-20											6.6E-20
Chloroethane												
Chloroform	3.7E-21					4.3E-08	4.5E-12	2.4E-09	2.4E-09			4.7E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	7.0E-19					3.9E-09	4.8E-11	2.6E-12	2.6E-12			4.0E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	2.2E-21					7.7E-15	1.8E-14	9.7E-16	9.7E-16			2.8E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.9E-23					1.3E-15	3.1E-15	1.7E-16	1.7E-16			4.8E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.3E-23					1.8E-09	2.9E-15	1.6E-16	1.6E-16			1.8E-09

Table H-491 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane												
Vinyl chloride	1.5E-20					2.6E-09	2.2E-12	1.2E-13	1.2E-13			2.6E-09
Grand Total	1.3E-12	8.0E-08	5.7E-08	1.3E-07	1.4E-07	1.4E-07	1.5E-05	1.1E-08	1.1E-08	9.5E-10	4.4E-09	1.6E-05

Table H-492 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					6.3E-05	2.7E+00	7.9E-06	7.9E-06			2.7E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.1E-02	1.9E-02					1.1E-04	4.1E-04	3.0E-02
Antimony	3.9E-14			6.4E-04	4.2E-04							1.1E-03

Table H-492 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	2.0E-03	6.1E-04	4.7E-03	2.9E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	7.7E-06	1.0E-05	1.0E-02
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt				1.0E-01	2.1E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.6E-04	1.1E-03	3.2E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				3.6E-02	6.2E-02							9.8E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	6.3E-03	3.9E-02	4.5E-02
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.9E-02	6.6E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.2E-04	1.6E-03	9.7E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Thallium (Soluble Salts)				2.7E-02								2.7E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-492 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
DDE												
Dieldrin		9.4E-06		1.1E-05								2.1E-05
SVOCs												
1,2,4-trichlorobenzene								1.3E-07	3.1E-07	1.7E-08	1.7E-08	4.8E-07
1,2-dichlorobenzene	3.1E-17							5.4E-10	1.3E-09	6.8E-11	6.8E-11	1.9E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15							1.9E-09	4.4E-09	2.4E-10	2.4E-10	6.8E-09
1,4-Dioxane								4.3E-03				4.3E-03

Table H-492 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.0E-02						1.0E-02
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	9.1E-07	1.4E-04	1.4E-04			2.9E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												

Table H-492 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.1E-03	6.7E-05	3.2E-04	3.2E-04			2.8E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.3E-03	5.0E-09	1.5E-04	1.5E-04			1.6E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					4.4E-04	4.6E-08	2.4E-05	2.4E-05			4.9E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					3.7E-05	4.5E-07	2.4E-08	2.4E-08			3.7E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					5.0E-03	8.4E-09	4.5E-10	4.5E-10			5.0E-03

Table H-492 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					1.4E-04	1.1E-07	6.2E-09	6.2E-09			1.4E-04
Grand Total	4.8E-09	2.0E-03	6.1E-04	2.1E-01	3.6E-01	2.6E-02	2.8E+00	1.0E-03	1.0E-03	7.0E-03	4.2E-02	3.4E+00

Table H-493 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.4E-10	4.9E-09	1.7E-11	1.6E-09			6.7E-09
Formaldehyde						3.4E-10	1.1E-08	4.3E-11	3.8E-09			1.5E-08
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	5.1E-17	4.2E-14	7.8E-13	1.6E-13	6.2E-12	1.4E-11	5.5E-10	1.7E-12	1.8E-10	2.4E-18	1.9E-16	7.6E-10
1,2,3,4,6,7,8-HpCDF	5.0E-17	4.2E-14	7.9E-13	1.7E-13	6.2E-12	1.4E-11	5.5E-10	1.7E-12	1.8E-10	2.4E-18	2.0E-16	7.6E-10
1,2,3,4,7,8,9-HpCDF	8.1E-18	4.9E-15	9.5E-14	1.9E-14	7.5E-13	1.8E-12	7.2E-11	2.2E-13	2.4E-11	2.7E-19	2.4E-17	9.9E-11
1,2,3,4,7,8-HxCDD	6.1E-16	4.8E-14	9.2E-13	1.9E-13	7.2E-12	1.7E-11	6.7E-10	2.1E-12	2.2E-10	2.7E-18	2.3E-16	9.2E-10
1,2,3,4,7,8-HxCDF	4.2E-15	3.8E-13	7.3E-12	1.5E-12	5.7E-11	1.3E-10	5.4E-09	1.7E-11	1.8E-09	2.1E-17	1.8E-15	7.5E-09
1,2,3,6,7,8-HxCDD	1.2E-15	9.7E-14	1.9E-12	3.8E-13	1.5E-11	3.5E-11	1.4E-09	4.4E-12	4.7E-10	5.5E-18	4.7E-16	1.9E-09
1,2,3,6,7,8-HxCDF	1.6E-15	1.2E-13	2.4E-12	4.9E-13	1.9E-11	4.4E-11	1.8E-09	5.5E-12	5.9E-10	7.0E-18	6.0E-16	2.4E-09
1,2,3,7,8,9-HxCDD	1.7E-15	1.5E-13	3.0E-12	6.0E-13	2.3E-11	5.3E-11	2.1E-09	6.6E-12	7.1E-10	8.6E-18	7.3E-16	2.9E-09
1,2,3,7,8,9-HxCDF	1.3E-16	8.8E-15	1.7E-13	3.5E-14	1.4E-12	3.4E-12	1.4E-10	4.2E-13	4.6E-11	5.0E-19	4.3E-17	1.9E-10
1,2,3,7,8-PeCDD	3.8E-14	5.4E-13	1.1E-11	2.1E-12	8.3E-11	2.1E-10	8.6E-09	2.6E-11	2.9E-09	3.0E-17	2.6E-15	1.2E-08
1,2,3,7,8-PeCDF	2.7E-15	3.2E-14	6.2E-13	1.2E-13	4.9E-12	1.5E-11	6.1E-10	1.9E-12	2.0E-10	1.8E-18	1.5E-16	8.4E-10
2,3,4,6,7,8-HxCDF	2.3E-15	1.9E-13	3.6E-12	7.6E-13	2.9E-11	6.8E-11	2.7E-09	8.5E-12	9.0E-10	1.1E-17	9.1E-16	3.7E-09
2,3,4,7,8-PeCDF	4.2E-14	7.6E-13	1.5E-11	3.0E-12	1.2E-10	3.4E-10	1.4E-08	4.2E-11	4.6E-09	4.3E-17	3.7E-15	1.9E-08
2,3,7,8-TCDD	1.3E-14	1.1E-13	1.6E-12	4.4E-13	1.3E-11	8.4E-11	2.8E-09	1.1E-11	9.4E-10	4.3E-15	2.8E-13	3.9E-09
2,3,7,8-TCDF	4.4E-15	2.0E-14	4.0E-13	7.9E-14	3.2E-12	3.1E-11	1.3E-09	3.9E-12	4.3E-10	1.1E-18	1.0E-16	1.7E-09
OCDD	6.8E-21	2.8E-16	5.2E-15	1.1E-15	4.1E-14	9.2E-14	3.6E-12	1.1E-14	1.2E-12	1.6E-20	1.3E-18	5.0E-12
OCDF	2.5E-21	1.1E-16	2.0E-15	4.3E-16	1.5E-14	3.4E-14	1.3E-12	4.3E-15	4.5E-13	6.2E-21	4.9E-19	1.8E-12
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-493 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	5.2E-17	3.8E-08	3.1E-18	9.1E-08	1.5E-17	1.1E-10	3.9E-09	1.4E-11	1.3E-09	2.1E-11	7.6E-21	1.3E-07
Barium												
Beryllium						4.4E-12	1.5E-10	5.5E-13	5.0E-11	5.3E-21	4.4E-19	2.0E-10
Cadmium						5.8E-11	2.0E-09	7.3E-12	6.8E-10	3.1E-21	2.6E-19	2.8E-09
Chromium												
Cobalt						3.8E-09	6.9E-08	4.7E-10	2.3E-08	5.9E-10	2.3E-13	9.7E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.9E-11	1.3E-09	4.8E-12	4.4E-10	3.2E-10	1.9E-19	2.1E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.0E-19	6.0E-18	2.7E-19	1.1E-17							1.8E-17
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.9E-13	2.8E-09	1.1E-12	2.5E-09	2.1E-12	1.4E-11	6.1E-10	1.8E-12	2.0E-10	5.8E-12	1.0E-14	6.2E-09
Benzo(a)pyrene	9.5E-13	2.6E-08	5.0E-12	2.4E-08	9.0E-12	5.5E-11	2.3E-09	6.9E-12	7.7E-10	1.8E-13	1.5E-16	5.4E-08
Benzo(b)fluoranthene	2.6E-14	4.1E-09	2.7E-14	3.7E-09	4.8E-14	6.2E-12	2.5E-10	7.7E-13	8.3E-11	2.8E-14	7.9E-19	8.2E-09
Benzo(e)pyrene												

Table H-493 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	1.9E-17	2.2E-10	1.3E-15	2.0E-10	2.4E-15	5.5E-14	9.8E-13	6.9E-15	3.3E-13	1.5E-14	3.9E-19	4.2E-10
Biphenyl				1.1E-18	4.8E-17							4.9E-17
Chrysene	3.3E-16	3.5E-11	1.3E-14	3.2E-11	2.4E-14	2.4E-12	1.0E-10	3.0E-13	3.3E-11	2.4E-15	3.9E-18	2.0E-10
Dibenze(a,h)anthracene	4.7E-14	6.2E-09	1.6E-12	5.6E-09	3.0E-12	9.5E-12	3.9E-10	1.2E-12	1.3E-10	4.5E-14	5.3E-17	1.2E-08
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.2E-14	1.8E-09	4.7E-13	1.6E-09	8.6E-13	2.9E-12	1.2E-10	3.6E-13	4.0E-11	1.2E-14	1.4E-17	3.5E-09
Napthalene						2.2E-10	9.0E-09	2.7E-11	3.0E-09			1.2E-08
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.8E-17	1.1E-18	2.1E-17	9.0E-19	3.6E-17	8.0E-14	3.3E-12	9.9E-15	1.1E-12	2.4E-20	2.1E-18	4.4E-12
Heptachlorobiphenyl	2.0E-17	3.5E-18	6.7E-17	2.9E-18	1.1E-16	3.1E-14	1.3E-12	3.9E-15	4.2E-13	4.2E-20	3.6E-18	1.7E-12
Hexachlorobiphenyl	7.9E-17	1.6E-17	2.8E-16	1.3E-17	4.8E-16	1.3E-13	5.1E-12	1.6E-14	1.7E-12	1.9E-19	1.5E-17	6.9E-12
Monochlorobiphenyl	1.3E-16	7.4E-18	1.5E-16	6.2E-18	2.5E-16	5.5E-13	2.3E-11	6.9E-14	7.6E-12	1.7E-19	1.5E-17	3.1E-11
Nonachlorobiphenyl	2.4E-18	6.1E-19	9.5E-18	5.2E-19	1.6E-17	4.4E-15	1.6E-13	5.5E-16	5.2E-14	7.5E-21	5.1E-19	2.1E-13
Octachlorobiphenyl	5.8E-18	1.1E-18	2.0E-17	9.5E-19	3.5E-17	9.5E-15	3.7E-13	1.2E-15	1.2E-13	1.4E-20	1.1E-18	5.1E-13
Pentachlorobiphenyl	2.6E-16	5.6E-17	9.6E-16	4.8E-17	1.6E-15	4.5E-13	1.7E-11	5.6E-14	5.6E-12	6.9E-19	5.2E-17	2.3E-11
Tetrachlorobiphenyl	5.4E-18	4.1E-19	6.8E-18	3.4E-19	1.2E-17	2.6E-14	9.7E-13	3.2E-15	3.2E-13	9.1E-21	6.8E-19	1.3E-12
Trichlorobiphenyl	7.1E-18	4.9E-19	8.7E-18	4.1E-19	1.5E-17	3.3E-14	1.3E-12	4.1E-15	4.2E-13	1.1E-20	8.6E-19	1.7E-12
Pesticides												
DDE				1.3E-09						1.2E-11		1.3E-09
Dieldrin		3.2E-10		3.8E-10						5.4E-15		7.0E-10
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	2.1E-20					7.2E-13	3.2E-11	8.9E-14	1.1E-11			4.4E-11
1,4-Dioxane						2.7E-08						2.7E-08

Table H-493 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.9E-16	4.0E-15	7.2E-14	4.8E-15	1.7E-13	2.0E-11	7.6E-10	2.4E-12	2.5E-10	4.0E-20	3.2E-18	1.0E-09
Butyl benzyl phthalate	1.4E-17	2.6E-19	5.4E-18	3.1E-19	1.3E-17							3.3E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	2.3E-17					4.2E-11	7.5E-10	5.2E-12	2.5E-10			1.0E-09
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	3.0E-21					4.3E-14	1.4E-12	5.4E-15	4.8E-13			2.0E-12
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.4E-18											1.4E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	3.2E-20					1.8E-12	3.2E-11	2.2E-13	1.1E-11			4.4E-11
1,2-Dichloroethane	4.5E-20					3.1E-12	1.2E-10	1.1E-09	3.9E-11			1.3E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												

Table H-493 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone												
Benzene	4.7E-18					2.1E-08	1.1E-08	3.2E-09	3.8E-09			4.0E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	8.3E-22					1.5E-13	2.7E-12	1.9E-14	9.0E-13			3.8E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	4.0E-22					3.3E-08	1.0E-12	4.0E-09	3.3E-13			3.7E-08
Chlorobenzene												
Chlorodibromomethane	6.6E-20											6.6E-20
Chloroethane												
Chloroform	3.7E-21					4.3E-08	3.8E-11	2.4E-09	1.3E-11			4.5E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	7.0E-19					3.9E-09	7.9E-10	2.6E-12	2.6E-10			5.0E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	2.2E-21					7.7E-15	2.8E-13	9.7E-16	9.5E-14			3.9E-13
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.9E-23					1.3E-15	4.7E-14	1.7E-16	1.6E-14			6.4E-14
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.3E-23					1.8E-09	2.3E-14	1.6E-16	7.6E-15			1.8E-09

Table H-493 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane												
Vinyl chloride	1.5E-20					2.6E-09	2.3E-11	1.2E-13	7.6E-12			2.7E-09
Grand Total	1.3E-12	8.0E-08	5.7E-11	1.3E-07	4.0E-10	1.4E-07	1.6E-07	1.1E-08	5.4E-08	9.5E-10	5.3E-13	5.8E-07

Table H-494 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	1.5E-03	5.2E-06	5.0E-04			2.0E-03
Aldehydes												
Acetaldehyde						1.6E-04	5.8E-03	2.0E-05	1.9E-03			7.9E-03
Formaldehyde	2.3E-12					6.3E-05	2.1E-03	7.9E-06	6.9E-04			2.8E-03
Propionaldehyde						2.0E-05	7.2E-04	2.5E-06	2.4E-04	2.1E-12	1.5E-10	9.8E-04
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.5E-07	2.0E-07	5.9E-06	1.3E-06	4.3E-05	1.6E-07	1.4E-05	1.2E-10	7.8E-09	6.6E-05
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	7.7E-03	2.5E-05	2.6E-03			1.1E-02
Metals												
Aluminum				1.1E-02						1.1E-04		1.1E-02
Antimony	3.9E-14			6.4E-04								6.4E-04

Table H-494 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	2.0E-03	1.6E-13	4.7E-03	7.6E-13	4.0E-05	1.4E-03	4.9E-06	4.7E-04	7.7E-06	2.7E-15	8.6E-03
Barium	1.2E-11			1.6E-08	5.4E-07	2.5E-04	6.8E-03	3.1E-05	2.3E-03	3.1E-10	2.3E-08	9.3E-03
Beryllium	1.7E-14			5.2E-13	2.0E-11	2.1E-06	7.3E-05	2.7E-07	2.4E-05	2.6E-15	2.1E-13	9.9E-05
Cadmium	8.3E-12			8.2E-13	3.1E-11	7.6E-05	2.6E-03	9.5E-06	8.8E-04	4.0E-15	3.4E-13	3.6E-03
Chromium	1.7E-15			5.5E-11	2.2E-09							2.2E-09
Cobalt				1.0E-01	3.3E-05	1.6E-03	3.0E-02	2.0E-04	9.9E-03	2.6E-04	1.8E-07	1.5E-01
Copper				8.4E-09	3.2E-07							3.3E-07
Iron				3.6E-02								3.6E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.5E-09	7.8E-08	2.8E-06	9.8E-09	9.2E-07	5.6E-15	3.8E-13	3.8E-06
Mercury, elemental						3.3E-10	1.2E-08	4.1E-11	3.8E-09	6.3E-03		6.3E-03
Methyl Mercury	8.7E-11			2.0E-11	7.9E-10							8.9E-10
Nickel	1.7E-13			2.9E-02	7.8E-12	3.9E-05	1.3E-03	4.8E-06	4.4E-04	3.2E-04	1.9E-13	3.1E-02
Phosphorus				3.7E-10	1.4E-08							1.4E-08
Selenium	5.5E-14			8.1E-15	3.1E-13	8.7E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-20	8.4E-18	4.2E-07
Silver	4.2E-14			1.7E-10	6.2E-09							6.4E-09
Thallium (Soluble Salts)				2.7E-02								2.7E-02
Titanium												
Zinc	1.4E-11			6.1E-13	2.2E-11							3.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	6.9E-14	3.1E-15	1.3E-13							2.0E-13
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	1.2E-12	5.2E-14	2.1E-12							3.4E-12
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-494 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	2.8E-13	2.8E-04	1.2E-02	3.5E-05	3.9E-03	4.9E-12	4.5E-10	1.6E-02
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	3.4E-11	1.5E-12	6.3E-11							1.1E-10
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	2.1E-03	6.2E-06	6.9E-04			2.8E-03
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.7E-10	7.6E-12	3.1E-10							5.1E-10
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.8E-10	7.8E-12	3.1E-10							6.0E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	7.2E-11	3.2E-12	1.2E-10	9.8E-10	3.9E-08	1.2E-10	1.3E-08	2.5E-15	2.1E-13	5.4E-08
Hexachlorobiphenyl	4.6E-11	1.7E-11	3.0E-10	1.4E-11	5.1E-10	4.1E-06	1.6E-04	5.1E-07	5.3E-05	1.1E-11	8.8E-10	2.2E-04
Monochlorobiphenyl	6.1E-10	6.4E-11	1.3E-09	5.4E-11	2.2E-09							4.2E-09
Nonachlorobiphenyl	1.4E-12	6.6E-13	1.0E-11	5.6E-13	1.7E-11							3.0E-11
Octachlorobiphenyl	3.4E-12	1.2E-12	2.2E-11	1.0E-12	3.7E-11							6.5E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	1.0E-09	5.1E-11	1.8E-09	4.6E-05	1.7E-03	5.7E-06	5.7E-04	1.3E-10	9.9E-09	2.3E-03
Tetrachlorobiphenyl	2.6E-11	3.5E-12	6.0E-11	3.0E-12	1.0E-10	2.3E-07	8.7E-06	2.9E-08	2.9E-06	1.5E-13	1.1E-11	1.2E-05
Trichlorobiphenyl	3.4E-11	4.3E-12	7.6E-11	3.6E-12	1.3E-10							2.5E-10
Pesticides												
DDE												
Dieldrin		9.4E-06		1.1E-05								2.1E-05
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	4.3E-06	1.7E-08	1.4E-06			5.9E-06
1,2-dichlorobenzene	3.1E-17					5.4E-10	9.7E-09	6.8E-11	3.2E-09			1.4E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	8.5E-08	2.4E-10	2.8E-08			1.2E-07
1,4-Dioxane						4.3E-03						4.3E-03

Table H-494 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	3.9E-06	1.2E-08	1.3E-06			5.3E-06
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	6.0E-09	4.0E-10	1.4E-08							2.1E-08
Butyl benzyl phthalate	8.8E-13	1.6E-14	3.3E-13	1.9E-14	7.9E-13							2.0E-12
Carbazole												
Dibenzofuran		1.4E-13	2.9E-12	5.7E-13	2.3E-11							2.6E-11
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	6.7E-13	3.9E-14	1.6E-12							1.9E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	8.7E-12	1.1E-12	2.1E-11							3.1E-11
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.0E-02						1.0E-02
Phenol	4.9E-13					1.5E-06	6.2E-05	1.9E-07	2.1E-05			8.5E-05
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	1.0E-09	3.3E-12	3.3E-10			1.4E-09
1,1-Dichloroethene	1.2E-19					1.3E-10	2.3E-09	1.6E-11	7.7E-10			3.2E-09
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	6.4E-06	4.5E-08	2.1E-06			9.0E-06
1,2,4-Trimethylbenzene						8.9E-07	2.8E-05	1.1E-07	9.4E-06			3.9E-05
1,2-Dibromoethane	4.1E-17					7.7E-09	1.4E-07	9.6E-10	4.6E-08			1.9E-07
1,2-Dichloroethane	1.9E-15					4.0E-07	1.5E-05	1.4E-04	5.0E-06			1.6E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	2.6E-07	8.3E-10	8.7E-08			3.6E-07
2-Chlorotoluene												

Table H-494 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Hexanone						2.3E-07	8.2E-06	2.8E-08	2.7E-06			1.1E-05
Benzene	4.9E-13					2.1E-03	1.1E-03	3.2E-04	3.8E-04			4.0E-03
Bromobenzene						6.2E-07	1.1E-05	7.8E-08	3.7E-06			1.5E-05
Bromochloromethane						2.2E-09	3.9E-08	2.8E-10	1.3E-08			5.5E-08
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	2.3E-05	9.5E-08	7.6E-06			3.1E-05
Carbon disulfide	1.3E-17					4.8E-09	1.4E-07	6.0E-10	4.7E-08			1.9E-07
Carbon tetrachloride	3.4E-17					1.3E-03	3.9E-08	1.5E-04	1.3E-08			1.5E-03
Chlorobenzene	2.3E-15					9.6E-08	3.4E-06	1.2E-08	1.1E-06			4.7E-06
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	3.2E-08	1.1E-10	1.1E-08			4.3E-08
Chloroform	2.8E-16					4.4E-04	3.9E-07	2.4E-05	1.3E-07			4.7E-04
Chloromethane						3.4E-07	1.0E-05	4.3E-08	3.5E-06			1.4E-05
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	9.1E-07	6.4E-09	3.0E-07			1.3E-06
Dichlorodifluoromethane	2.4E-20					2.5E-09	4.4E-08	3.1E-10	1.5E-08			6.2E-08
Ethylbenzene	1.5E-14					3.7E-05	7.4E-06	2.4E-08	2.5E-06			4.6E-05
Isopropylbenzene	2.0E-17					3.9E-08	1.3E-06	4.9E-09	4.5E-07			1.8E-06
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.1E-09	1.5E-11	7.1E-10			3.0E-09
Methylene chloride	4.3E-15					3.0E-08	1.1E-06	3.8E-09	3.7E-07			1.5E-06
n-Butylbenzene												
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07			4.2E-07
o-Xylene	1.4E-15					2.3E-07	7.6E-06	2.9E-08	2.5E-06			1.0E-05
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.9E-05	6.4E-08	6.2E-06			2.5E-05
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	1.1E-07	3.8E-10	3.5E-08			1.4E-07
Toluene	2.0E-14					6.3E-08	2.5E-06	7.9E-09	8.3E-07			3.4E-06
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					5.0E-03	6.5E-08	4.5E-10	2.2E-08			5.0E-03

Table H-494 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					1.4E-04	1.2E-06	6.2E-09	4.0E-07			1.4E-04
Grand Total	4.8E-09	2.0E-03	7.6E-07	2.1E-01	4.0E-05	2.6E-02	7.7E-02	1.0E-03	2.6E-02	7.0E-03	2.2E-07	3.5E-01

Table H-495 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			1.4E-10	1.7E-11		1.5E-10
Formaldehyde			2.7E-06	4.3E-11		2.7E-06
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	4.2E-14	1.6E-13	1.4E-11	1.7E-12	2.4E-18	1.6E-11
1,2,3,4,6,7,8-HpCDF	4.2E-14	1.7E-13	1.4E-11	1.7E-12	2.4E-18	1.6E-11
1,2,3,4,7,8,9-HpCDF	4.9E-15	1.9E-14	1.8E-12	2.2E-13	2.7E-19	2.0E-12
1,2,3,4,7,8-HxCDD	4.8E-14	1.9E-13	1.7E-11	2.1E-12	2.7E-18	1.9E-11
1,2,3,4,7,8-HxCDF	3.8E-13	1.5E-12	1.3E-10	1.7E-11	2.1E-17	1.5E-10
1,2,3,6,7,8-HxCDD	9.7E-14	3.8E-13	3.5E-11	4.4E-12	5.5E-18	4.0E-11
1,2,3,6,7,8-HxCDF	1.2E-13	4.9E-13	4.4E-11	5.5E-12	7.0E-18	5.0E-11
1,2,3,7,8,9-HxCDD	1.5E-13	6.0E-13	5.3E-11	6.6E-12	8.6E-18	6.0E-11
1,2,3,7,8,9-HxCDF	8.8E-15	3.5E-14	3.4E-12	4.2E-13	5.0E-19	3.8E-12
1,2,3,7,8-PeCDD	5.4E-13	2.1E-12	2.1E-10	2.6E-11	3.0E-17	2.4E-10

Table H-495 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	3.2E-14	1.2E-13	1.5E-11	1.9E-12	1.8E-18	1.7E-11
2,3,4,6,7,8-HxCDF	1.9E-13	7.6E-13	6.8E-11	8.5E-12	1.1E-17	7.7E-11
2,3,4,7,8-PeCDF	7.6E-13	3.0E-12	3.4E-10	4.2E-11	4.3E-17	3.8E-10
2,3,7,8-TCDD	1.1E-13	4.4E-13	8.4E-11	1.1E-11	4.3E-15	9.5E-11
2,3,7,8-TCDF	2.0E-14	7.9E-14	3.1E-11	3.9E-12	1.1E-18	3.5E-11
OCDD	2.8E-16	1.1E-15	9.2E-14	1.1E-14	1.6E-20	1.0E-13
OCDF	1.1E-16	4.3E-16	3.4E-14	4.3E-15	6.2E-21	3.9E-14
HCN						
Hydrogen cyanide						
Metals						
Aluminum						
Antimony						
Arsenic	1.7E-07	4.1E-07	1.1E-10	1.4E-11	9.7E-11	5.9E-07
Barium						
Beryllium			4.4E-12	5.5E-13	5.3E-21	5.0E-12
Cadmium			5.8E-11	7.3E-12	3.1E-21	6.6E-11
Chromium						
Cobalt			3.8E-09	4.7E-10	6.2E-10	4.9E-09
Copper						
Iron						
Lead						
Manganese						
Mercury (+2)						

Table H-495 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental						
Methyl Mercury						
Nickel			3.9E-11	4.8E-12	3.0E-10	3.5E-10
Phosphorus						
Selenium						
Silver						
Thallium (Soluble Salts)						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.0E-19	2.7E-19				5.7E-19
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	5.2E-09	4.7E-09	1.4E-11	1.8E-12	1.1E-11	9.9E-09
Benzo(a)pyrene	5.3E-08	4.8E-08	5.5E-11	6.9E-12	3.6E-13	1.0E-07
Benzo(b)fluoranthene	9.4E-09	8.6E-09	6.2E-12	7.7E-13	6.3E-14	1.8E-08

Table H-495 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	3.8E-10	3.5E-10	5.5E-14	6.9E-15	2.6E-14	7.3E-10
Biphenyl		1.1E-18				1.1E-18
Chrysene	7.4E-11	6.7E-11	2.4E-12	3.0E-13	4.9E-15	1.4E-10
Dibenze(a,h)anthracene	8.3E-14	7.5E-14	9.5E-12	1.2E-12	6.0E-19	1.1E-11
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	2.9E-09	2.7E-09	2.9E-12	3.6E-13	2.0E-14	5.6E-09
Napthalene			2.2E-10	2.7E-11		2.4E-10
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Partic						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	1.1E-18	9.0E-19	8.0E-14	9.9E-15	2.4E-20	8.9E-14
Heptachlorobiphenyl	3.5E-18	2.9E-18	3.1E-14	3.9E-15	4.2E-20	3.5E-14
Hexachlorobiphenyl	1.6E-17	1.3E-17	1.3E-13	1.6E-14	1.9E-19	1.5E-13
Monochlorobiphenyl	7.4E-18	6.2E-18	5.5E-13	6.9E-14	1.7E-19	6.2E-13
Nonachlorobiphenyl	6.1E-19	5.2E-19	4.4E-15	5.5E-16	7.5E-21	4.9E-15

Table H-495 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Octachlorobiphenyl	1.1E-18	9.5E-19	9.5E-15	1.2E-15	1.4E-20	1.1E-14
Pentachlorobiphenyl	5.6E-17	4.8E-17	4.5E-13	5.6E-14	6.9E-19	5.0E-13
Tetrachlorobiphenyl	4.1E-19	3.4E-19	2.6E-14	3.2E-15	9.1E-21	2.9E-14
Trichlorobiphenyl	4.9E-19	4.1E-19	3.3E-14	4.1E-15	1.1E-20	3.7E-14
Pesticides						
DDE		1.0E-07			9.0E-10	1.0E-07
Dieldrin	1.8E-08	2.2E-08			3.1E-13	4.0E-08
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-dichlorobenzene						
1,4-dichlorobenzene			7.2E-13	8.9E-14		8.1E-13
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	4.0E-15	4.8E-15	2.0E-11	2.4E-12	4.0E-20	2.2E-11
Butyl benzyl phthalate	2.6E-19	3.1E-19				5.8E-19

Table H-495 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			4.2E-11	5.2E-12		4.7E-11
Isopropanol						
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			4.3E-14	5.4E-15		4.8E-14
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			1.8E-12	2.2E-13		2.0E-12
1,2-Dichloroethane			2.5E-08	1.1E-09		2.7E-08
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						

Table H-495 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
2-Chlorotoluene						
2-Hexanone						
Benzene			2.7E-07	3.2E-09		2.8E-07
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			1.5E-13	1.9E-14		1.7E-13
Bromomethane						
Carbon disulfide						
Carbon tetrachloride			4.0E-08	4.0E-09		4.4E-08
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			3.6E-08	2.4E-09		3.8E-08
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			2.3E-08	2.6E-12		2.3E-08
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			7.7E-15	9.7E-16		8.7E-15

Table H-495 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethene			1.3E-15	1.7E-16		1.5E-15
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			8.8E-10	1.6E-16		8.8E-10
Trichlorofluoromethane						
Vinyl chloride			9.3E-13	1.2E-13		1.1E-12
Grand Total	2.6E-07	6.0E-07	3.1E-06	1.1E-08	1.9E-09	4.0E-06

Table H-496 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			4.2E-05	5.2E-06		4.7E-05
Aldehydes						
Acetaldehyde			1.6E-04	2.0E-05		1.8E-04
Formaldehyde			4.9E-01	7.9E-06		4.9E-01
Propionaldehyde			2.0E-05	2.5E-06	2.1E-12	2.2E-05
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-496 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	5.2E-08	2.0E-07	1.3E-06	1.6E-07	1.2E-10	1.7E-06
2,3,7,8-TCDF						
OCDD						
OCDF						
HCN						
Hydrogen cyanide			2.0E-04	2.5E-05		2.2E-04
Metals						
Aluminum		1.2E-02			1.1E-04	1.2E-02
Antimony		1.9E-03				1.9E-03
Arsenic	9.1E-03	2.1E-02	4.0E-05	4.9E-06	3.5E-05	3.1E-02
Barium		1.6E-08	2.5E-04	3.1E-05	3.1E-10	2.8E-04
Beryllium		5.2E-13	2.1E-06	2.7E-07	2.6E-15	2.4E-06
Cadmium		8.2E-13	7.6E-05	9.5E-06	4.0E-15	8.5E-05
Chromium		5.5E-11				5.5E-11
Cobalt		1.1E-01	1.6E-03	2.0E-04	2.7E-04	1.1E-01
Copper		8.4E-09				8.4E-09
Iron		3.9E-02				3.9E-02
Lead						
Manganese						
Mercury (+2)		1.1E-10	7.8E-08	9.8E-09	5.6E-15	8.8E-08

Table H-496 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental			3.3E-10	4.1E-11	1.7E-04	1.7E-04
Methyl Mercury		2.0E-11				2.0E-11
Nickel		2.8E-02	3.9E-05	4.8E-06	3.0E-04	2.8E-02
Phosphorus		3.7E-10				3.7E-10
Selenium		8.1E-15	8.7E-09	1.1E-09	9.9E-20	9.8E-09
Silver		1.7E-10				1.7E-10
Thallium (Soluble Salts)		8.1E-03				8.1E-03
Titanium						
Zinc		6.1E-13				6.1E-13
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.4E-15	3.1E-15				6.5E-15
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	5.8E-14	5.2E-14				1.1E-13
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						

Table H-496 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						
Biphenyl		6.7E-15	2.8E-04	3.5E-05	4.9E-12	3.1E-04
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	1.7E-12	1.5E-12				3.2E-12
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene			5.0E-05	6.2E-06		5.6E-05
Perylene						
Phenanthrene						
Pyrene	8.3E-12	7.6E-12				1.6E-11
Particulate						
Particulate Total Suspended Partic						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	9.3E-12	7.8E-12				1.7E-11
Heptachlorobiphenyl	3.7E-12	3.2E-12	9.8E-10	1.2E-10	2.5E-15	1.1E-09
Hexachlorobiphenyl	1.7E-11	1.4E-11	4.1E-06	5.1E-07	1.1E-11	4.6E-06
Monochlorobiphenyl	6.4E-11	5.4E-11				1.2E-10
Nonachlorobiphenyl	6.6E-13	5.6E-13				1.2E-12

Table H-496 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Octachlorobiphenyl	1.2E-12	1.0E-12				2.2E-12
Pentachlorobiphenyl	6.1E-11	5.1E-11	4.6E-05	5.7E-06	1.3E-10	5.1E-05
Tetrachlorobiphenyl	3.5E-12	3.0E-12	2.3E-07	2.9E-08	1.5E-13	2.6E-07
Trichlorobiphenyl	4.3E-12	3.6E-12				7.8E-12
Pesticides						
DDE						
Dieldrin	5.4E-04	6.3E-04				1.2E-03
SVOCs						
1,2,4-trichlorobenzene			1.3E-07	1.7E-08		1.5E-07
1,2-dichlorobenzene			5.4E-10	6.8E-11		6.1E-10
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.9E-09	2.4E-10		2.1E-09
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			9.3E-08	1.2E-08		1.0E-07
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-10	4.0E-10				7.4E-10
Butyl benzyl phthalate	1.6E-14	1.9E-14				3.6E-14

Table H-496 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbazole						
Dibenzofuran	1.4E-13	5.7E-13				7.1E-13
Dimethyl phthalate						
Di-n-butyl phthalate	3.3E-14	3.9E-14				7.1E-14
Di-n-octyl phthalate	9.4E-13	1.1E-12				2.1E-12
Hexachlorobutadiene						
Isopropanol			3.0E-02			3.0E-02
Phenol			1.5E-06	1.9E-07		1.7E-06
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			2.7E-11	3.3E-12		3.0E-11
1,1-Dichloroethene			1.3E-10	1.6E-11		1.5E-10
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.6E-07	4.5E-08		4.1E-07
1,2,4-Trimethylbenzene			8.9E-07	1.1E-07		1.0E-06
1,2-Dibromoethane			7.7E-09	9.6E-10		8.6E-09
1,2-Dichloroethane			3.3E-03	1.4E-04		3.4E-03
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone			6.6E-09	8.3E-10		7.4E-09

Table H-496 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
2-Chlorotoluene						
2-Hexanone			2.3E-07	2.8E-08		2.5E-07
Benzene			2.7E-02	3.2E-04		2.8E-02
Bromobenzene			6.2E-07	7.8E-08		7.0E-07
Bromochloromethane			2.2E-09	2.8E-10		2.5E-09
Bromodichloromethane						
Bromomethane			7.6E-07	9.5E-08		8.6E-07
Carbon disulfide			4.8E-09	6.0E-10		5.4E-09
Carbon tetrachloride			1.6E-03	1.5E-04		1.7E-03
Chlorobenzene			9.6E-08	1.2E-08		1.1E-07
Chlorodibromomethane						
Chloroethane			9.1E-10	1.1E-10		1.0E-09
Chloroform			3.7E-04	2.4E-05		4.0E-04
Chloromethane			3.4E-07	4.3E-08		3.9E-07
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			5.1E-08	6.4E-09		5.7E-08
Dichlorodifluoromethane			2.5E-09	3.1E-10		2.8E-09
Ethylbenzene			2.1E-04	2.4E-08		2.1E-04
Isopropylbenzene			3.9E-08	4.9E-09		4.4E-08
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.2E-10	1.5E-11		1.3E-10
Methylene chloride			3.0E-08	3.8E-09		3.4E-08

Table H-496 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
n-Butylbenzene						
n-Propylbenzene			9.4E-09	1.2E-09		1.1E-08
o-Xylene			2.3E-07	2.9E-08		2.6E-07
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			5.1E-07	6.4E-08		5.7E-07
tert-Butylbenzene						
Tetrachloroethene			3.0E-09	3.8E-10		3.4E-09
Toluene			6.3E-08	7.9E-09		7.1E-08
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			2.5E-03	4.5E-10		2.5E-03
Trichlorofluoromethane						
Vinyl chloride			5.0E-08	6.2E-09		5.6E-08
Grand Total	9.6E-03	2.2E-01	5.6E-01	1.0E-03	8.9E-04	7.9E-01

Table H-497 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.4E-10	3.2E-10	1.7E-11	1.7E-11			4.9E-10
Formaldehyde						2.7E-06	7.9E-10	4.3E-11	4.3E-11			2.7E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	5.1E-17	4.2E-14	5.9E-14	1.6E-13	4.6E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.4E-18	1.5E-17	5.0E-11
1,2,3,4,6,7,8-HpCDF	5.0E-17	4.2E-14	5.9E-14	1.7E-13	4.7E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.4E-18	1.5E-17	5.0E-11
1,2,3,4,7,8,9-HpCDF	8.1E-18	4.9E-15	6.8E-15	1.9E-14	5.4E-14	1.8E-12	4.1E-12	2.2E-13	2.2E-13	2.7E-19	1.7E-18	6.4E-12
1,2,3,4,7,8-HxCDD	6.1E-16	4.8E-14	6.6E-14	1.9E-13	5.2E-13	1.7E-11	3.8E-11	2.1E-12	2.1E-12	2.7E-18	1.7E-17	6.0E-11
1,2,3,4,7,8-HxCDF	4.2E-15	3.8E-13	5.3E-13	1.5E-12	4.2E-12	1.3E-10	3.1E-10	1.7E-11	1.7E-11	2.1E-17	1.3E-16	4.9E-10
1,2,3,6,7,8-HxCDD	1.2E-15	9.7E-14	1.4E-13	3.8E-13	1.1E-12	3.5E-11	8.0E-11	4.4E-12	4.4E-12	5.5E-18	3.4E-17	1.3E-10
1,2,3,6,7,8-HxCDF	1.6E-15	1.2E-13	1.7E-13	4.9E-13	1.4E-12	4.4E-11	1.0E-10	5.5E-12	5.5E-12	7.0E-18	4.3E-17	1.6E-10
1,2,3,7,8,9-HxCDD	1.7E-15	1.5E-13	2.1E-13	6.0E-13	1.7E-12	5.3E-11	1.2E-10	6.6E-12	6.6E-12	8.6E-18	5.3E-17	1.9E-10
1,2,3,7,8,9-HxCDF	1.3E-16	8.8E-15	1.2E-14	3.5E-14	9.7E-14	3.4E-12	7.7E-12	4.2E-13	4.2E-13	5.0E-19	3.1E-18	1.2E-11
1,2,3,7,8-PeCDD	3.8E-14	5.4E-13	7.5E-13	2.1E-12	5.9E-12	2.1E-10	4.9E-10	2.6E-11	2.6E-11	3.0E-17	1.9E-16	7.6E-10
1,2,3,7,8-PeCDF	2.7E-15	3.2E-14	4.4E-14	1.2E-13	3.5E-13	1.5E-11	3.5E-11	1.9E-12	1.9E-12	1.8E-18	1.1E-17	5.4E-11
2,3,4,6,7,8-HxCDF	2.3E-15	1.9E-13	2.7E-13	7.6E-13	2.1E-12	6.8E-11	1.6E-10	8.5E-12	8.5E-12	1.1E-17	6.7E-17	2.4E-10
2,3,4,7,8-PeCDF	4.2E-14	7.6E-13	1.1E-12	3.0E-12	8.3E-12	3.4E-10	7.8E-10	4.2E-11	4.2E-11	4.3E-17	2.6E-16	1.2E-09
2,3,7,8-TCDD	1.3E-14	1.1E-13	1.5E-13	4.4E-13	1.2E-12	8.4E-11	1.9E-10	1.1E-11	1.1E-11	4.3E-15	2.7E-14	3.0E-10
2,3,7,8-TCDF	4.4E-15	2.0E-14	2.8E-14	7.9E-14	2.2E-13	3.1E-11	7.2E-11	3.9E-12	3.9E-12	1.1E-18	7.0E-18	1.1E-10
OCDD	6.8E-21	2.8E-16	4.0E-16	1.1E-15	3.1E-15	9.2E-14	2.1E-13	1.1E-14	1.1E-14	1.6E-20	9.9E-20	3.3E-13
OCDF	2.5E-21	1.1E-16	1.5E-16	4.3E-16	1.2E-15	3.4E-14	7.9E-14	4.3E-15	4.3E-15	6.2E-21	3.8E-20	1.2E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-497 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	5.2E-17	1.7E-07	1.5E-08	4.1E-07	7.0E-08	1.1E-10	2.5E-10	1.4E-11	1.4E-11	9.7E-11	3.6E-11	6.7E-07
Barium												
Beryllium						4.4E-12	1.0E-11	5.5E-13	5.5E-13	5.3E-21	3.2E-20	1.6E-11
Cadmium						5.8E-11	1.3E-10	7.3E-12	7.3E-12	3.1E-21	1.9E-20	2.1E-10
Chromium												
Cobalt						3.8E-09	8.8E-09	4.7E-10	4.7E-10	6.2E-10	1.5E-09	1.6E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.9E-11	8.9E-11	4.8E-12	4.8E-12	3.0E-10	8.5E-10	1.3E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.0E-19	4.1E-19	2.7E-19	7.5E-19							1.7E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.9E-13	5.2E-09	1.6E-08	4.7E-09	2.9E-08	1.4E-11	3.3E-11	1.8E-12	1.8E-12	1.1E-11	6.6E-11	5.5E-08
Benzo(a)pyrene	9.5E-13	5.3E-08	1.8E-07	4.8E-08	3.2E-07	5.5E-11	1.3E-10	6.9E-12	6.9E-12	3.6E-13	5.2E-12	6.0E-07
Benzo(b)fluoranthene	2.6E-14	9.4E-09	2.5E-08	8.6E-09	4.5E-08	6.2E-12	1.4E-11	7.7E-13	7.7E-13	6.3E-14	7.3E-13	8.8E-08
Benzo(e)pyrene												

Table H-497 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	1.9E-17	3.8E-10	1.2E-09	3.5E-10	2.3E-09	5.5E-14	1.3E-13	6.9E-15	6.9E-15	2.6E-14	3.7E-13	4.2E-09
Biphenyl				1.1E-18	3.2E-18							4.3E-18
Chrysene	3.3E-16	7.4E-11	1.8E-10	6.7E-11	3.3E-10	2.4E-12	5.6E-12	3.0E-13	3.0E-13	4.9E-15	5.3E-14	6.6E-10
Dibenze(a,h)anthracene	4.7E-14	8.3E-14	4.4E-08	7.5E-14	7.9E-08	9.5E-12	2.2E-11	1.2E-12	1.2E-12	6.0E-19	1.4E-12	1.2E-07
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.2E-14	2.9E-09	1.1E-08	2.7E-09	2.1E-08	2.9E-12	6.7E-12	3.6E-13	3.6E-13	2.0E-14	3.4E-13	3.8E-08
Napthalene						2.2E-10	5.0E-10	2.7E-11	2.7E-11			7.7E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.8E-17	1.1E-18	1.5E-18	9.0E-19	2.5E-18	8.0E-14	1.8E-13	9.9E-15	9.9E-15	2.4E-20	1.5E-19	2.8E-13
Heptachlorobiphenyl	2.0E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	3.1E-14	7.2E-14	3.9E-15	3.9E-15	4.2E-20	2.6E-19	1.1E-13
Hexachlorobiphenyl	7.9E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	1.3E-13	3.0E-13	1.6E-14	1.6E-14	1.9E-19	1.2E-18	4.6E-13
Monochlorobiphenyl	1.3E-16	7.4E-18	1.0E-17	6.2E-18	1.7E-17	5.5E-13	1.3E-12	6.9E-14	6.9E-14	1.7E-19	1.0E-18	2.0E-12
Nonachlorobiphenyl	2.4E-18	6.1E-19	8.6E-19	5.2E-19	1.4E-18	4.4E-15	1.0E-14	5.5E-16	5.5E-16	7.5E-21	4.6E-20	1.6E-14
Octachlorobiphenyl	5.8E-18	1.1E-18	1.6E-18	9.5E-19	2.7E-18	9.5E-15	2.2E-14	1.2E-15	1.2E-15	1.4E-20	8.5E-20	3.4E-14
Pentachlorobiphenyl	2.6E-16	5.6E-17	7.9E-17	4.8E-17	1.3E-16	4.5E-13	1.0E-12	5.6E-14	5.6E-14	6.9E-19	4.3E-18	1.6E-12
Tetrachlorobiphenyl	5.4E-18	4.1E-19	5.7E-19	3.4E-19	9.6E-19	2.6E-14	6.0E-14	3.2E-15	3.2E-15	9.1E-21	5.6E-20	9.2E-14
Trichlorobiphenyl	7.1E-18	4.9E-19	6.8E-19	4.1E-19	1.2E-18	3.3E-14	7.6E-14	4.1E-15	4.1E-15	1.1E-20	6.8E-20	1.2E-13
Pesticides												
DDE				1.0E-07	3.2E-09					9.0E-10	5.6E-09	1.1E-07
Dieldrin		1.8E-08	6.8E-09	2.2E-08	1.6E-08					3.1E-13	5.0E-13	6.3E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	2.1E-20					7.2E-13	1.7E-12	8.9E-14	8.9E-14			2.5E-12
2,4-Dimethylphenol												

Table H-497 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.9E-16	4.0E-15	5.6E-15	4.8E-15	1.3E-14	2.0E-11	4.5E-11	2.4E-12	2.4E-12	4.0E-20	2.5E-19	7.0E-11
Butyl benzyl phthalate	1.4E-17	2.6E-19	3.7E-19	3.1E-19	8.8E-19							1.6E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	2.3E-17					4.2E-11	9.7E-11	5.2E-12	5.2E-12			1.5E-10
Isopropanol												
p-Chloroaniline			2.8E-09		6.6E-09							9.4E-09
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	3.0E-21					4.3E-14	9.9E-14	5.4E-15	5.4E-15			1.5E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.4E-18											1.4E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	3.2E-20					1.8E-12	4.1E-12	2.2E-13	2.2E-13			6.3E-12
1,2-Dichloroethane	4.5E-20					2.5E-08	4.9E-08	1.1E-09	1.1E-09			7.6E-08
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												

Table H-497 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone												
Benzene	4.7E-18					2.7E-07	9.0E-08	3.2E-09	3.2E-09			3.7E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	8.3E-22					1.5E-13	5.4E-07	1.9E-14	1.9E-14			5.4E-07
Bromoform							7.2E-08					7.2E-08
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	4.0E-22					4.0E-08	1.0E-07	4.0E-09	4.0E-09			1.5E-07
Chlorobenzene												
Chlorodibromomethane	6.6E-20											6.6E-20
Chloroethane												
Chloroform	3.7E-21					3.6E-08	7.8E-07	2.4E-09	2.4E-09			8.2E-07
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	7.0E-19					2.3E-08	2.4E-08	2.6E-12	2.6E-12			4.7E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	2.2E-21					7.7E-15	1.8E-14	9.7E-16	9.7E-16			2.8E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.9E-23					1.3E-15	3.1E-15	1.7E-16	1.7E-16			4.8E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												

Table H-497 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichloroethene	1.3E-23					8.8E-10	7.9E-08	1.6E-16	1.6E-16			8.0E-08
Trichlorofluoromethane												
Vinyl chloride	1.5E-20					9.3E-13	2.2E-12	1.2E-13	1.2E-13			3.3E-12
Grand Total	1.3E-12	2.6E-07	3.0E-07	6.0E-07	5.9E-07	3.1E-06	1.7E-06	1.1E-08	1.1E-08	1.9E-09	8.1E-09	6.6E-06

Table H-498 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					4.9E-01	1.5E-04	7.9E-06	7.9E-06			4.9E-01
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.2E-02	2.0E-02					1.1E-04	4.2E-04	3.2E-02
Antimony	3.9E-14			1.9E-03	3.6E-03							5.5E-03

Table H-498 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	9.1E-03	7.7E-04	2.1E-02	3.6E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	3.5E-05	1.3E-05	3.5E-02
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt	1.1E-01			1.1E-01	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.7E-04	6.6E-04	2.4E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				3.9E-02	5.4E-02							9.3E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.7E-04	1.1E-03	1.2E-03
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.8E-02	3.5E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.0E-04	8.5E-04	6.5E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Thallium (Soluble Salts)				8.1E-03	1.7E-02							2.5E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-498 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
DDE												
Dieldrin		5.4E-04	2.0E-04	6.3E-04	4.7E-04							1.8E-03
SVOCs												
1,2,4-trichlorobenzene								1.3E-07	3.1E-07	1.7E-08	1.7E-08	4.8E-07
1,2-dichlorobenzene	3.1E-17							5.4E-10	1.3E-09	6.8E-11	6.8E-11	1.9E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15							1.9E-09	4.4E-09	2.4E-10	2.4E-10	6.8E-09
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-498 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						3.0E-02	1.1E-02					4.1E-02
p-Chloroaniline			8.2E-05		1.9E-04							2.8E-04
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					3.3E-03	6.3E-03	1.4E-04	1.4E-04			9.8E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												

Table H-498 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.7E-02	9.0E-03	3.2E-04	3.2E-04			3.7E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromoform												
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.6E-03	3.9E-03	1.5E-04	1.5E-04			5.8E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					3.7E-04	8.1E-03	2.4E-05	2.4E-05			8.5E-03
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					2.1E-04	2.2E-04	2.4E-08	2.4E-08			4.4E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
n-Propylbenzene						2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
o-Xylene	1.4E-15											
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												

Table H-498 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Trichloroethene	1.4E-17					2.5E-03	2.2E-01	4.5E-10	4.5E-10			2.3E-01
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	4.8E-09	9.6E-03	1.0E-03	2.2E-01	2.6E-01	5.6E-01	2.7E-01	1.0E-03	1.0E-03	8.9E-04	3.0E-03	1.3E+00

Table H-499 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.4E-10	3.2E-10	1.7E-11	1.7E-11			4.9E-10
Formaldehyde						2.7E-06	2.2E-05	4.3E-11	4.3E-11			2.5E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	5.1E-17	4.2E-14	5.9E-14	1.6E-13	4.6E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.4E-18	1.5E-17	5.0E-11
1,2,3,4,6,7,8-HpCDF	5.0E-17	4.2E-14	5.9E-14	1.7E-13	4.7E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.4E-18	1.5E-17	5.0E-11
1,2,3,4,7,8,9-HpCDF	8.1E-18	4.9E-15	6.8E-15	1.9E-14	5.4E-14	1.8E-12	4.1E-12	2.2E-13	2.2E-13	2.7E-19	1.7E-18	6.4E-12
1,2,3,4,7,8-HxCDD	6.1E-16	4.8E-14	6.6E-14	1.9E-13	5.2E-13	1.7E-11	3.8E-11	2.1E-12	2.1E-12	2.7E-18	1.7E-17	6.0E-11
1,2,3,4,7,8-HxCDF	4.2E-15	3.8E-13	5.3E-13	1.5E-12	4.2E-12	1.3E-10	3.1E-10	1.7E-11	1.7E-11	2.1E-17	1.3E-16	4.9E-10
1,2,3,6,7,8-HxCDD	1.2E-15	9.7E-14	1.4E-13	3.8E-13	1.1E-12	3.5E-11	8.0E-11	4.4E-12	4.4E-12	5.5E-18	3.4E-17	1.3E-10
1,2,3,6,7,8-HxCDF	1.6E-15	1.2E-13	1.7E-13	4.9E-13	1.4E-12	4.4E-11	1.0E-10	5.5E-12	5.5E-12	7.0E-18	4.3E-17	1.6E-10
1,2,3,7,8,9-HxCDD	1.7E-15	1.5E-13	2.1E-13	6.0E-13	1.7E-12	5.3E-11	1.2E-10	6.6E-12	6.6E-12	8.6E-18	5.3E-17	1.9E-10
1,2,3,7,8,9-HxCDF	1.3E-16	8.8E-15	1.2E-14	3.5E-14	9.7E-14	3.4E-12	7.7E-12	4.2E-13	4.2E-13	5.0E-19	3.1E-18	1.2E-11
1,2,3,7,8-PeCDD	3.8E-14	5.4E-13	7.5E-13	2.1E-12	5.9E-12	2.1E-10	4.9E-10	2.6E-11	2.6E-11	3.0E-17	1.9E-16	7.6E-10
1,2,3,7,8-PeCDF	2.7E-15	3.2E-14	4.4E-14	1.2E-13	3.5E-13	1.5E-11	3.5E-11	1.9E-12	1.9E-12	1.8E-18	1.1E-17	5.4E-11
2,3,4,6,7,8-HxCDF	2.3E-15	1.9E-13	2.7E-13	7.6E-13	2.1E-12	6.8E-11	1.6E-10	8.5E-12	8.5E-12	1.1E-17	6.7E-17	2.4E-10
2,3,4,7,8-PeCDF	4.2E-14	7.6E-13	1.1E-12	3.0E-12	8.3E-12	3.4E-10	7.8E-10	4.2E-11	4.2E-11	4.3E-17	2.6E-16	1.2E-09
2,3,7,8-TCDD	1.3E-14	1.1E-13	1.5E-13	4.4E-13	1.2E-12	8.4E-11	1.9E-10	1.1E-11	1.1E-11	4.3E-15	2.7E-14	3.0E-10
2,3,7,8-TCDF	4.4E-15	2.0E-14	2.8E-14	7.9E-14	2.2E-13	3.1E-11	7.2E-11	3.9E-12	3.9E-12	1.1E-18	7.0E-18	1.1E-10
OCDD	6.8E-21	2.8E-16	4.0E-16	1.1E-15	3.1E-15	9.2E-14	2.1E-13	1.1E-14	1.1E-14	1.6E-20	9.9E-20	3.3E-13
OCDF	2.5E-21	1.1E-16	1.5E-16	4.3E-16	1.2E-15	3.4E-14	7.9E-14	4.3E-15	4.3E-15	6.2E-21	3.8E-20	1.2E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-499 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	5.2E-17	1.7E-07	2.9E-08	4.1E-07	1.4E-07	1.1E-10	2.5E-10	1.4E-11	1.4E-11	9.7E-11	7.1E-11	7.6E-07
Barium												
Beryllium						4.4E-12	1.0E-11	5.5E-13	5.5E-13	5.3E-21	3.2E-20	1.6E-11
Cadmium						5.8E-11	1.3E-10	7.3E-12	7.3E-12	3.1E-21	1.9E-20	2.1E-10
Chromium												
Cobalt						3.8E-09	8.8E-09	4.7E-10	4.7E-10	6.2E-10	1.5E-09	1.6E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.9E-11	8.9E-11	4.8E-12	4.8E-12	3.0E-10	9.5E-10	1.4E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.0E-19	4.1E-19	2.7E-19	7.5E-19							1.7E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.9E-13	5.2E-09	7.2E-14	4.7E-09	1.3E-13	1.4E-11	3.3E-11	1.8E-12	1.8E-12	1.1E-11	6.6E-11	1.0E-08
Benzo(a)pyrene	9.5E-13	5.3E-08	3.4E-13	4.8E-08	6.1E-13	5.5E-11	1.3E-10	6.9E-12	6.9E-12	3.6E-13	1.0E-17	1.0E-07
Benzo(b)fluoranthene	2.6E-14	9.4E-09	1.9E-15	8.6E-09	3.5E-15	6.2E-12	1.4E-11	7.7E-13	7.7E-13	6.3E-14	5.7E-20	1.8E-08
Benzo(e)pyrene												

Table H-499 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	1.9E-17	3.8E-10	2.0E-16	3.5E-10	3.6E-16	5.5E-14	1.3E-13	6.9E-15	6.9E-15	2.6E-14	5.9E-20	7.3E-10
Biphenyl				1.1E-18	3.2E-18							4.3E-18
Chrysene	3.3E-16	7.4E-11	9.1E-16	6.7E-11	1.6E-15	2.4E-12	5.6E-12	3.0E-13	3.0E-13	4.9E-15	2.7E-19	1.5E-10
Dibenze(a,h)anthracene	4.7E-14	8.3E-14	1.2E-13	7.5E-14	2.1E-13	9.5E-12	2.2E-11	1.2E-12	1.2E-12	6.0E-19	3.7E-18	3.5E-11
Fluorene												
Indeno(1,2,3-cd)pyrene	1.2E-14	2.9E-09	3.3E-14	2.7E-09	6.0E-14	2.9E-12	6.7E-12	3.6E-13	3.6E-13	2.0E-14	9.8E-19	5.6E-09
Napthalene						2.2E-10	5.0E-10	2.7E-11	2.7E-11			7.7E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.8E-17	1.1E-18	1.5E-18	9.0E-19	2.5E-18	8.0E-14	1.8E-13	9.9E-15	9.9E-15	2.4E-20	1.5E-19	2.8E-13
Heptachlorobiphenyl	2.0E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	3.1E-14	7.2E-14	3.9E-15	3.9E-15	4.2E-20	2.6E-19	1.1E-13
Hexachlorobiphenyl	7.9E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	1.3E-13	3.0E-13	1.6E-14	1.6E-14	1.9E-19	1.2E-18	4.6E-13
Monochlorobiphenyl	1.3E-16	7.4E-18	1.0E-17	6.2E-18	1.7E-17	5.5E-13	1.3E-12	6.9E-14	6.9E-14	1.7E-19	1.0E-18	2.0E-12
Nonachlorobiphenyl	2.4E-18	6.1E-19	8.6E-19	5.2E-19	1.4E-18	4.4E-15	1.0E-14	5.5E-16	5.5E-16	7.5E-21	4.6E-20	1.6E-14
Octachlorobiphenyl	5.8E-18	1.1E-18	1.6E-18	9.5E-19	2.7E-18	9.5E-15	2.2E-14	1.2E-15	1.2E-15	1.4E-20	8.5E-20	3.4E-14
Pentachlorobiphenyl	2.6E-16	5.6E-17	7.9E-17	4.8E-17	1.3E-16	4.5E-13	1.0E-12	5.6E-14	5.6E-14	6.9E-19	4.3E-18	1.6E-12
Tetrachlorobiphenyl	5.4E-18	4.1E-19	5.7E-19	3.4E-19	9.6E-19	2.6E-14	6.0E-14	3.2E-15	3.2E-15	9.1E-21	5.6E-20	9.2E-14
Trichlorobiphenyl	7.1E-18	4.9E-19	6.8E-19	4.1E-19	1.2E-18	3.3E-14	7.6E-14	4.1E-15	4.1E-15	1.1E-20	6.8E-20	1.2E-13
Pesticides												
DDE				1.0E-07	1.1E-09					9.0E-10	5.6E-09	1.1E-07
Dieldrin		1.8E-08		2.2E-08						3.1E-13		4.0E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	2.1E-20					7.2E-13	1.7E-12	8.9E-14	8.9E-14			2.5E-12
2,4-Dimethylphenol												

Table H-499 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.9E-16	4.0E-15	5.6E-15	4.8E-15	1.3E-14	2.0E-11	4.5E-11	2.4E-12	2.4E-12	4.0E-20	2.5E-19	7.0E-11
Butyl benzyl phthalate	1.4E-17	2.6E-19	3.7E-19	3.1E-19	8.8E-19							1.6E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	2.3E-17					4.2E-11	9.7E-11	5.2E-12	5.2E-12			1.5E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	3.0E-21					4.3E-14	9.9E-14	5.4E-15	5.4E-15			1.5E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.4E-18											1.4E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	3.2E-20					1.8E-12	4.1E-12	2.2E-13	2.2E-13			6.3E-12
1,2-Dichloroethane	4.5E-20					2.5E-08	7.1E-12	1.1E-09	1.1E-09			2.8E-08
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-499 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	4.7E-18					2.7E-07	6.7E-10	3.2E-09	3.2E-09			2.8E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	8.3E-22					1.5E-13	3.5E-13	1.9E-14	1.9E-14			5.4E-13
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	4.0E-22					4.0E-08	1.3E-13	4.0E-09	4.0E-09			4.8E-08
Chlorobenzene												
Chlorodibromomethane	6.6E-20											6.6E-20
Chloroethane												
Chloroform	3.7E-21					3.6E-08	4.5E-12	2.4E-09	2.4E-09			4.1E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	7.0E-19					2.3E-08	4.8E-11	2.6E-12	2.6E-12			2.3E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	2.2E-21					7.7E-15	1.8E-14	9.7E-16	9.7E-16			2.8E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.9E-23					1.3E-15	3.1E-15	1.7E-16	1.7E-16			4.8E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.3E-23					8.8E-10	2.9E-15	1.6E-16	1.6E-16			8.8E-10
Trichlorofluoromethane												

Table H-499 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.5E-20					9.3E-13	2.2E-12	1.2E-13	1.2E-13			3.3E-12
Grand Total	1.3E-12	2.6E-07	2.9E-08	6.0E-07	1.4E-07	3.1E-06	2.2E-05	1.1E-08	1.1E-08	1.9E-09	8.2E-09	2.6E-05

Table H-500 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					4.9E-01	4.0E+00	7.9E-06	7.9E-06			4.5E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.2E-02	2.4E-02					1.1E-04	5.1E-04	3.6E-02
Antimony	3.9E-14			1.9E-03	1.2E-03							3.1E-03

Table H-500 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	9.1E-03	1.5E-03	2.1E-02	7.2E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	3.5E-05	2.6E-05	3.9E-02
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt	1.1E-01			1.1E-01	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.7E-04	6.7E-04	2.4E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				3.9E-02	5.7E-02							9.6E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.7E-04	1.1E-03	1.2E-03
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.8E-02	4.0E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.0E-04	9.5E-04	6.9E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Thallium (Soluble Salts)				8.1E-03	1.4E-02							2.3E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-500 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
DDE												
Dieldrin		5.4E-04		6.3E-04								1.2E-03
SVOCs												
1,2,4-trichlorobenzene								1.3E-07	3.1E-07	1.7E-08	1.7E-08	4.8E-07
1,2-dichlorobenzene	3.1E-17							5.4E-10	1.3E-09	6.8E-11	6.8E-11	1.9E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15							1.9E-09	4.4E-09	2.4E-10	2.4E-10	6.8E-09
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-500 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						3.0E-02						3.0E-02
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					3.3E-03	9.1E-07	1.4E-04	1.4E-04			3.5E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07

Table H-500 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					2.7E-02	6.7E-05	3.2E-04	3.2E-04			2.8E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.6E-03	5.0E-09	1.5E-04	1.5E-04			1.9E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					3.7E-04	4.6E-08	2.4E-05	2.4E-05			4.2E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					2.1E-04	4.5E-07	2.4E-08	2.4E-08			2.2E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.5E-03	8.4E-09	4.5E-10	4.5E-10			2.5E-03
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-500 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	4.8E-09	9.6E-03	1.5E-03	2.2E-01	2.7E-01	5.6E-01	4.0E+00	1.0E-03	1.0E-03	8.9E-04	3.2E-03	5.1E+00

Table H-501 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.4E-10	3.2E-10	1.7E-11	1.7E-11			4.9E-10
Formaldehyde						2.7E-06	1.5E-05	4.3E-11	4.3E-11			1.8E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	5.1E-17	4.2E-14	5.9E-14	1.6E-13	4.6E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.4E-18	1.5E-17	5.0E-11
1,2,3,4,6,7,8-HpCDF	5.0E-17	4.2E-14	5.9E-14	1.7E-13	4.7E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.4E-18	1.5E-17	5.0E-11
1,2,3,4,7,8,9-HpCDF	8.1E-18	4.9E-15	6.8E-15	1.9E-14	5.4E-14	1.8E-12	4.1E-12	2.2E-13	2.2E-13	2.7E-19	1.7E-18	6.4E-12
1,2,3,4,7,8-HxCDD	6.1E-16	4.8E-14	6.6E-14	1.9E-13	5.2E-13	1.7E-11	3.8E-11	2.1E-12	2.1E-12	2.7E-18	1.7E-17	6.0E-11
1,2,3,4,7,8-HxCDF	4.2E-15	3.8E-13	5.3E-13	1.5E-12	4.2E-12	1.3E-10	3.1E-10	1.7E-11	1.7E-11	2.1E-17	1.3E-16	4.9E-10
1,2,3,6,7,8-HxCDD	1.2E-15	9.7E-14	1.4E-13	3.8E-13	1.1E-12	3.5E-11	8.0E-11	4.4E-12	4.4E-12	5.5E-18	3.4E-17	1.3E-10
1,2,3,6,7,8-HxCDF	1.6E-15	1.2E-13	1.7E-13	4.9E-13	1.4E-12	4.4E-11	1.0E-10	5.5E-12	5.5E-12	7.0E-18	4.3E-17	1.6E-10
1,2,3,7,8,9-HxCDD	1.7E-15	1.5E-13	2.1E-13	6.0E-13	1.7E-12	5.3E-11	1.2E-10	6.6E-12	6.6E-12	8.6E-18	5.3E-17	1.9E-10
1,2,3,7,8,9-HxCDF	1.3E-16	8.8E-15	1.2E-14	3.5E-14	9.7E-14	3.4E-12	7.7E-12	4.2E-13	4.2E-13	5.0E-19	3.1E-18	1.2E-11
1,2,3,7,8-PeCDD	3.8E-14	5.4E-13	7.5E-13	2.1E-12	5.9E-12	2.1E-10	4.9E-10	2.6E-11	2.6E-11	3.0E-17	1.9E-16	7.6E-10
1,2,3,7,8-PeCDF	2.7E-15	3.2E-14	4.4E-14	1.2E-13	3.5E-13	1.5E-11	3.5E-11	1.9E-12	1.9E-12	1.8E-18	1.1E-17	5.4E-11
2,3,4,6,7,8-HxCDF	2.3E-15	1.9E-13	2.7E-13	7.6E-13	2.1E-12	6.8E-11	1.6E-10	8.5E-12	8.5E-12	1.1E-17	6.7E-17	2.4E-10
2,3,4,7,8-PeCDF	4.2E-14	7.6E-13	1.1E-12	3.0E-12	8.3E-12	3.4E-10	7.8E-10	4.2E-11	4.2E-11	4.3E-17	2.6E-16	1.2E-09
2,3,7,8-TCDD	1.3E-14	1.1E-13	1.5E-13	4.4E-13	1.2E-12	8.4E-11	1.9E-10	1.1E-11	1.1E-11	4.3E-15	2.7E-14	3.0E-10
2,3,7,8-TCDF	4.4E-15	2.0E-14	2.8E-14	7.9E-14	2.2E-13	3.1E-11	7.2E-11	3.9E-12	3.9E-12	1.1E-18	7.0E-18	1.1E-10
OCDD	6.8E-21	2.8E-16	4.0E-16	1.1E-15	3.1E-15	9.2E-14	2.1E-13	1.1E-14	1.1E-14	1.6E-20	9.9E-20	3.3E-13
OCDF	2.5E-21	1.1E-16	1.5E-16	4.3E-16	1.2E-15	3.4E-14	7.9E-14	4.3E-15	4.3E-15	6.2E-21	3.8E-20	1.2E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-501 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	5.2E-17	1.7E-07	1.2E-08	4.1E-07	5.5E-08	1.1E-10	2.5E-10	1.4E-11	1.4E-11	9.7E-11	2.9E-11	6.6E-07
Barium												
Beryllium						4.4E-12	1.0E-11	5.5E-13	5.5E-13	5.3E-21	3.2E-20	1.6E-11
Cadmium						5.8E-11	1.3E-10	7.3E-12	7.3E-12	3.1E-21	1.9E-20	2.1E-10
Chromium												
Cobalt						3.8E-09	8.8E-09	4.7E-10	4.7E-10	6.2E-10	2.6E-09	1.7E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.9E-11	8.9E-11	4.8E-12	4.8E-12	3.0E-10	1.6E-09	2.0E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.0E-19	4.1E-19	2.7E-19	7.5E-19							1.7E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.9E-13	5.2E-09	7.2E-14	4.7E-09	1.3E-13	1.4E-11	3.3E-11	1.8E-12	1.8E-12	1.1E-11	6.6E-11	1.0E-08
Benzo(a)pyrene	9.5E-13	5.3E-08	4.1E-08	4.8E-08	7.5E-08	5.5E-11	1.3E-10	6.9E-12	6.9E-12	3.6E-13	1.2E-12	2.2E-07
Benzo(b)fluoranthene	2.6E-14	9.4E-09	3.7E-09	8.6E-09	6.8E-09	6.2E-12	1.4E-11	7.7E-13	7.7E-13	6.3E-14	1.1E-13	2.8E-08
Benzo(e)pyrene												

Table H-501 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	1.9E-17	3.8E-10	2.0E-16	3.5E-10	3.6E-16	5.5E-14	1.3E-13	6.9E-15	6.9E-15	2.6E-14	5.9E-20	7.3E-10
Biphenyl				1.1E-18	3.2E-18							4.3E-18
Chrysene	3.3E-16	7.4E-11	9.1E-16	6.7E-11	1.6E-15	2.4E-12	5.6E-12	3.0E-13	3.0E-13	4.9E-15	2.7E-19	1.5E-10
Dibenze(a,h)anthracene	4.7E-14	8.3E-14	1.2E-13	7.5E-14	2.1E-13	9.5E-12	2.2E-11	1.2E-12	1.2E-12	6.0E-19	3.7E-18	3.5E-11
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.2E-14	2.9E-09	3.3E-14	2.7E-09	6.0E-14	2.9E-12	6.7E-12	3.6E-13	3.6E-13	2.0E-14	9.8E-19	5.6E-09
Napthalene						2.2E-10	5.0E-10	2.7E-11	2.7E-11			7.7E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.8E-17	1.1E-18	1.5E-18	9.0E-19	2.5E-18	8.0E-14	1.8E-13	9.9E-15	9.9E-15	2.4E-20	1.5E-19	2.8E-13
Heptachlorobiphenyl	2.0E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	3.1E-14	7.2E-14	3.9E-15	3.9E-15	4.2E-20	2.6E-19	1.1E-13
Hexachlorobiphenyl	7.9E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	1.3E-13	3.0E-13	1.6E-14	1.6E-14	1.9E-19	1.2E-18	4.6E-13
Monochlorobiphenyl	1.3E-16	7.4E-18	1.0E-17	6.2E-18	1.7E-17	5.5E-13	1.3E-12	6.9E-14	6.9E-14	1.7E-19	1.0E-18	2.0E-12
Nonachlorobiphenyl	2.4E-18	6.1E-19	8.6E-19	5.2E-19	1.4E-18	4.4E-15	1.0E-14	5.5E-16	5.5E-16	7.5E-21	4.6E-20	1.6E-14
Octachlorobiphenyl	5.8E-18	1.1E-18	1.6E-18	9.5E-19	2.7E-18	9.5E-15	2.2E-14	1.2E-15	1.2E-15	1.4E-20	8.5E-20	3.4E-14
Pentachlorobiphenyl	2.6E-16	5.6E-17	7.9E-17	4.8E-17	1.3E-16	4.5E-13	1.0E-12	5.6E-14	5.6E-14	6.9E-19	4.3E-18	1.6E-12
Tetrachlorobiphenyl	5.4E-18	4.1E-19	5.7E-19	3.4E-19	9.6E-19	2.6E-14	6.0E-14	3.2E-15	3.2E-15	9.1E-21	5.6E-20	9.2E-14
Trichlorobiphenyl	7.1E-18	4.9E-19	6.8E-19	4.1E-19	1.2E-18	3.3E-14	7.6E-14	4.1E-15	4.1E-15	1.1E-20	6.8E-20	1.2E-13
Pesticides												
DDE				1.0E-07	4.0E-09					9.0E-10	5.6E-09	1.1E-07
Dieldrin		1.8E-08		2.2E-08						3.1E-13		4.0E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	2.1E-20					7.2E-13	1.7E-12	8.9E-14	8.9E-14			2.5E-12
2,4-Dimethylphenol												

Table H-501 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.9E-16	4.0E-15	5.6E-15	4.8E-15	1.3E-14	2.0E-11	4.5E-11	2.4E-12	2.4E-12	4.0E-20	2.5E-19	7.0E-11
Butyl benzyl phthalate	1.4E-17	2.6E-19	3.7E-19	3.1E-19	8.8E-19							1.6E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	2.3E-17					4.2E-11	9.7E-11	5.2E-12	5.2E-12			1.5E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	3.0E-21					4.3E-14	9.9E-14	5.4E-15	5.4E-15			1.5E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.4E-18											1.4E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	3.2E-20					1.8E-12	4.1E-12	2.2E-13	2.2E-13			6.3E-12
1,2-Dichloroethane	4.5E-20					2.5E-08	7.1E-12	1.1E-09	1.1E-09			2.8E-08
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-501 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	4.7E-18					2.7E-07	6.7E-10	3.2E-09	3.2E-09			2.8E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	8.3E-22					1.5E-13	3.5E-13	1.9E-14	1.9E-14			5.4E-13
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	4.0E-22					4.0E-08	1.3E-13	4.0E-09	4.0E-09			4.8E-08
Chlorobenzene												
Chlorodibromomethane	6.6E-20											6.6E-20
Chloroethane												
Chloroform	3.7E-21					3.6E-08	4.5E-12	2.4E-09	2.4E-09			4.1E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	7.0E-19					2.3E-08	4.8E-11	2.6E-12	2.6E-12			2.3E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	2.2E-21					7.7E-15	1.8E-14	9.7E-16	9.7E-16			2.8E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.9E-23					1.3E-15	3.1E-15	1.7E-16	1.7E-16			4.8E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.3E-23					8.8E-10	2.9E-15	1.6E-16	1.6E-16			8.8E-10
Trichlorofluoromethane												

Table H-501 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.5E-20					9.3E-13	2.2E-12	1.2E-13	1.2E-13			3.3E-12
Grand Total	1.3E-12	2.6E-07	5.7E-08	6.0E-07	1.4E-07	3.1E-06	1.5E-05	1.1E-08	1.1E-08	1.9E-09	9.9E-09	1.9E-05

Table H-502 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					4.9E-01	2.7E+00	7.9E-06	7.9E-06			3.2E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.2E-02	1.9E-02					1.1E-04	4.1E-04	3.1E-02
Antimony	3.9E-14			1.9E-03	4.2E-04							2.3E-03

Table H-502 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	9.1E-03	6.1E-04	2.1E-02	2.9E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	3.5E-05	1.0E-05	3.4E-02
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt				1.1E-01	2.1E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.7E-04	1.1E-03	3.3E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				3.9E-02	6.2E-02							1.0E-01
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.7E-04	1.1E-03	1.2E-03
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.8E-02	6.6E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.0E-04	1.6E-03	9.6E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Thallium (Soluble Salts)				8.1E-03								8.1E-03
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-502 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
DDE												
Dieldrin		5.4E-04		6.3E-04								1.2E-03
SVOCs												
1,2,4-trichlorobenzene								1.3E-07	3.1E-07	1.7E-08	1.7E-08	4.8E-07
1,2-dichlorobenzene	3.1E-17							5.4E-10	1.3E-09	6.8E-11	6.8E-11	1.9E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15							1.9E-09	4.4E-09	2.4E-10	2.4E-10	6.8E-09
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-502 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						3.0E-02						3.0E-02
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					3.3E-03	9.1E-07	1.4E-04	1.4E-04			3.5E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07

Table H-502 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					2.7E-02	6.7E-05	3.2E-04	3.2E-04			2.8E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.6E-03	5.0E-09	1.5E-04	1.5E-04			1.9E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					3.7E-04	4.6E-08	2.4E-05	2.4E-05			4.2E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					2.1E-04	4.5E-07	2.4E-08	2.4E-08			2.2E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.5E-03	8.4E-09	4.5E-10	4.5E-10			2.5E-03
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-502 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	4.8E-09	9.6E-03	6.1E-04	2.2E-01	3.6E-01	5.6E-01	2.8E+00	1.0E-03	1.0E-03	8.9E-04	4.2E-03	3.9E+00

Table H-503 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.4E-10	4.9E-09	1.7E-11	1.6E-09			6.7E-09
Formaldehyde						2.7E-06	1.1E-08	4.3E-11	3.8E-09			2.7E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	5.1E-17	4.2E-14	7.8E-13	1.6E-13	6.2E-12	1.4E-11	5.5E-10	1.7E-12	1.8E-10	2.4E-18	1.9E-16	7.6E-10
1,2,3,4,6,7,8-HpCDF	5.0E-17	4.2E-14	7.9E-13	1.7E-13	6.2E-12	1.4E-11	5.5E-10	1.7E-12	1.8E-10	2.4E-18	2.0E-16	7.6E-10
1,2,3,4,7,8,9-HpCDF	8.1E-18	4.9E-15	9.5E-14	1.9E-14	7.5E-13	1.8E-12	7.2E-11	2.2E-13	2.4E-11	2.7E-19	2.4E-17	9.9E-11
1,2,3,4,7,8-HxCDD	6.1E-16	4.8E-14	9.2E-13	1.9E-13	7.2E-12	1.7E-11	6.7E-10	2.1E-12	2.2E-10	2.7E-18	2.3E-16	9.2E-10
1,2,3,4,7,8-HxCDF	4.2E-15	3.8E-13	7.3E-12	1.5E-12	5.7E-11	1.3E-10	5.4E-09	1.7E-11	1.8E-09	2.1E-17	1.8E-15	7.5E-09
1,2,3,6,7,8-HxCDD	1.2E-15	9.7E-14	1.9E-12	3.8E-13	1.5E-11	3.5E-11	1.4E-09	4.4E-12	4.7E-10	5.5E-18	4.7E-16	1.9E-09
1,2,3,6,7,8-HxCDF	1.6E-15	1.2E-13	2.4E-12	4.9E-13	1.9E-11	4.4E-11	1.8E-09	5.5E-12	5.9E-10	7.0E-18	6.0E-16	2.4E-09
1,2,3,7,8,9-HxCDD	1.7E-15	1.5E-13	3.0E-12	6.0E-13	2.3E-11	5.3E-11	2.1E-09	6.6E-12	7.1E-10	8.6E-18	7.3E-16	2.9E-09
1,2,3,7,8,9-HxCDF	1.3E-16	8.8E-15	1.7E-13	3.5E-14	1.4E-12	3.4E-12	1.4E-10	4.2E-13	4.6E-11	5.0E-19	4.3E-17	1.9E-10
1,2,3,7,8-PeCDD	3.8E-14	5.4E-13	1.1E-11	2.1E-12	8.3E-11	2.1E-10	8.6E-09	2.6E-11	2.9E-09	3.0E-17	2.6E-15	1.2E-08
1,2,3,7,8-PeCDF	2.7E-15	3.2E-14	6.2E-13	1.2E-13	4.9E-12	1.5E-11	6.1E-10	1.9E-12	2.0E-10	1.8E-18	1.5E-16	8.4E-10
2,3,4,6,7,8-HxCDF	2.3E-15	1.9E-13	3.6E-12	7.6E-13	2.9E-11	6.8E-11	2.7E-09	8.5E-12	9.0E-10	1.1E-17	9.1E-16	3.7E-09
2,3,4,7,8-PeCDF	4.2E-14	7.6E-13	1.5E-11	3.0E-12	1.2E-10	3.4E-10	1.4E-08	4.2E-11	4.6E-09	4.3E-17	3.7E-15	1.9E-08
2,3,7,8-TCDD	1.3E-14	1.1E-13	1.6E-12	4.4E-13	1.3E-11	8.4E-11	2.8E-09	1.1E-11	9.4E-10	4.3E-15	2.8E-13	3.9E-09
2,3,7,8-TCDF	4.4E-15	2.0E-14	4.0E-13	7.9E-14	3.2E-12	3.1E-11	1.3E-09	3.9E-12	4.3E-10	1.1E-18	1.0E-16	1.7E-09
OCDD	6.8E-21	2.8E-16	5.2E-15	1.1E-15	4.1E-14	9.2E-14	3.6E-12	1.1E-14	1.2E-12	1.6E-20	1.3E-18	5.0E-12
OCDF	2.5E-21	1.1E-16	2.0E-15	4.3E-16	1.5E-14	3.4E-14	1.3E-12	4.3E-15	4.5E-13	6.2E-21	4.9E-19	1.8E-12
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-503 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	5.2E-17	1.7E-07	3.1E-18	4.1E-07	1.5E-17	1.1E-10	3.9E-09	1.4E-11	1.3E-09	9.7E-11	7.6E-21	5.9E-07
Barium												
Beryllium						4.4E-12	1.5E-10	5.5E-13	5.0E-11	5.3E-21	4.4E-19	2.0E-10
Cadmium						5.8E-11	2.0E-09	7.3E-12	6.8E-10	3.1E-21	2.6E-19	2.8E-09
Chromium												
Cobalt						3.8E-09	6.9E-08	4.7E-10	2.3E-08	6.2E-10	2.3E-13	9.7E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.9E-11	1.3E-09	4.8E-12	4.4E-10	3.0E-10	1.9E-19	2.1E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.0E-19	6.0E-18	2.7E-19	1.1E-17							1.8E-17
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.9E-13	5.2E-09	1.1E-12	4.7E-09	2.1E-12	1.4E-11	6.1E-10	1.8E-12	2.0E-10	1.1E-11	1.0E-14	1.1E-08
Benzo(a)pyrene	9.5E-13	5.3E-08	5.0E-12	4.8E-08	9.0E-12	5.5E-11	2.3E-09	6.9E-12	7.7E-10	3.6E-13	1.5E-16	1.0E-07
Benzo(b)fluoranthene	2.6E-14	9.4E-09	2.7E-14	8.6E-09	4.8E-14	6.2E-12	2.5E-10	7.7E-13	8.3E-11	6.3E-14	7.9E-19	1.8E-08
Benzo(e)pyrene												

Table H-503 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	1.9E-17	3.8E-10	1.3E-15	3.5E-10	2.4E-15	5.5E-14	9.8E-13	6.9E-15	3.3E-13	2.6E-14	3.9E-19	7.3E-10
Biphenyl				1.1E-18	4.8E-17							4.9E-17
Chrysene	3.3E-16	7.4E-11	1.3E-14	6.7E-11	2.4E-14	2.4E-12	1.0E-10	3.0E-13	3.3E-11	4.9E-15	3.9E-18	2.8E-10
Dibenze(a,h)anthracene	4.7E-14	8.3E-14	1.6E-12	7.5E-14	3.0E-12	9.5E-12	3.9E-10	1.2E-12	1.3E-10	6.0E-19	5.3E-17	5.4E-10
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.2E-14	2.9E-09	4.7E-13	2.7E-09	8.6E-13	2.9E-12	1.2E-10	3.6E-13	4.0E-11	2.0E-14	1.4E-17	5.8E-09
Napthalene						2.2E-10	9.0E-09	2.7E-11	3.0E-09			1.2E-08
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.8E-17	1.1E-18	2.1E-17	9.0E-19	3.6E-17	8.0E-14	3.3E-12	9.9E-15	1.1E-12	2.4E-20	2.1E-18	4.4E-12
Heptachlorobiphenyl	2.0E-17	3.5E-18	6.7E-17	2.9E-18	1.1E-16	3.1E-14	1.3E-12	3.9E-15	4.2E-13	4.2E-20	3.6E-18	1.7E-12
Hexachlorobiphenyl	7.9E-17	1.6E-17	2.8E-16	1.3E-17	4.8E-16	1.3E-13	5.1E-12	1.6E-14	1.7E-12	1.9E-19	1.5E-17	6.9E-12
Monochlorobiphenyl	1.3E-16	7.4E-18	1.5E-16	6.2E-18	2.5E-16	5.5E-13	2.3E-11	6.9E-14	7.6E-12	1.7E-19	1.5E-17	3.1E-11
Nonachlorobiphenyl	2.4E-18	6.1E-19	9.5E-18	5.2E-19	1.6E-17	4.4E-15	1.6E-13	5.5E-16	5.2E-14	7.5E-21	5.1E-19	2.1E-13
Octachlorobiphenyl	5.8E-18	1.1E-18	2.0E-17	9.5E-19	3.5E-17	9.5E-15	3.7E-13	1.2E-15	1.2E-13	1.4E-20	1.1E-18	5.1E-13
Pentachlorobiphenyl	2.6E-16	5.6E-17	9.6E-16	4.8E-17	1.6E-15	4.5E-13	1.7E-11	5.6E-14	5.6E-12	6.9E-19	5.2E-17	2.3E-11
Tetrachlorobiphenyl	5.4E-18	4.1E-19	6.8E-18	3.4E-19	1.2E-17	2.6E-14	9.7E-13	3.2E-15	3.2E-13	9.1E-21	6.8E-19	1.3E-12
Trichlorobiphenyl	7.1E-18	4.9E-19	8.7E-18	4.1E-19	1.5E-17	3.3E-14	1.3E-12	4.1E-15	4.2E-13	1.1E-20	8.6E-19	1.7E-12
Pesticides												
DDE				1.0E-07						9.0E-10		1.0E-07
Dieldrin		1.8E-08		2.2E-08						3.1E-13		4.0E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	2.1E-20					7.2E-13	3.2E-11	8.9E-14	1.1E-11			4.4E-11
2,4-Dimethylphenol												

Table H-503 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.9E-16	4.0E-15	7.2E-14	4.8E-15	1.7E-13	2.0E-11	7.6E-10	2.4E-12	2.5E-10	4.0E-20	3.2E-18	1.0E-09
Butyl benzyl phthalate	1.4E-17	2.6E-19	5.4E-18	3.1E-19	1.3E-17							3.3E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	2.3E-17					4.2E-11	7.5E-10	5.2E-12	2.5E-10			1.0E-09
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	3.0E-21					4.3E-14	1.4E-12	5.4E-15	4.8E-13			2.0E-12
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.4E-18											1.4E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	3.2E-20					1.8E-12	3.2E-11	2.2E-13	1.1E-11			4.4E-11
1,2-Dichloroethane	4.5E-20					2.5E-08	1.2E-10	1.1E-09	3.9E-11			2.7E-08
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-503 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	4.7E-18					2.7E-07	1.1E-08	3.2E-09	3.8E-09			2.9E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	8.3E-22					1.5E-13	2.7E-12	1.9E-14	9.0E-13			3.8E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	4.0E-22					4.0E-08	1.0E-12	4.0E-09	3.3E-13			4.4E-08
Chlorobenzene												
Chlorodibromomethane	6.6E-20											6.6E-20
Chloroethane												
Chloroform	3.7E-21					3.6E-08	3.8E-11	2.4E-09	1.3E-11			3.8E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	7.0E-19					2.3E-08	7.9E-10	2.6E-12	2.6E-10			2.4E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	2.2E-21					7.7E-15	2.8E-13	9.7E-16	9.5E-14			3.9E-13
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.9E-23					1.3E-15	4.7E-14	1.7E-16	1.6E-14			6.4E-14
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.3E-23					8.8E-10	2.3E-14	1.6E-16	7.6E-15			8.8E-10
Trichlorofluoromethane												

Table H-503 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.5E-20					9.3E-13	2.3E-11	1.2E-13	7.6E-12			3.1E-11
Grand Total	1.3E-12	2.6E-07	5.7E-11	6.0E-07	4.0E-10	3.1E-06	1.6E-07	1.1E-08	5.4E-08	1.9E-09	5.3E-13	4.2E-06

Table H-504 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	1.5E-03	5.2E-06	5.0E-04			2.0E-03
Aldehydes												
Acetaldehyde						1.6E-04	5.8E-03	2.0E-05	1.9E-03			7.9E-03
Formaldehyde	2.3E-12					4.9E-01	2.1E-03	7.9E-06	6.9E-04			4.9E-01
Propionaldehyde						2.0E-05	7.2E-04	2.5E-06	2.4E-04	2.1E-12	1.5E-10	9.8E-04
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.5E-07	2.0E-07	5.9E-06	1.3E-06	4.3E-05	1.6E-07	1.4E-05	1.2E-10	7.8E-09	6.6E-05
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	7.7E-03	2.5E-05	2.6E-03			1.1E-02
Metals												
Aluminum				1.2E-02						1.1E-04		1.2E-02
Antimony	3.9E-14			1.9E-03								1.9E-03

Table H-504 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	9.1E-03	1.6E-13	2.1E-02	7.6E-13	4.0E-05	1.4E-03	4.9E-06	4.7E-04	3.5E-05	2.7E-15	3.2E-02
Barium	1.2E-11			1.6E-08	5.4E-07	2.5E-04	6.8E-03	3.1E-05	2.3E-03	3.1E-10	2.3E-08	9.3E-03
Beryllium	1.7E-14			5.2E-13	2.0E-11	2.1E-06	7.3E-05	2.7E-07	2.4E-05	2.6E-15	2.1E-13	9.9E-05
Cadmium	8.3E-12			8.2E-13	3.1E-11	7.6E-05	2.6E-03	9.5E-06	8.8E-04	4.0E-15	3.4E-13	3.6E-03
Chromium	1.7E-15			5.5E-11	2.2E-09							2.2E-09
Cobalt				1.1E-01	3.3E-05	1.6E-03	3.0E-02	2.0E-04	9.9E-03	2.7E-04	1.8E-07	1.5E-01
Copper				8.4E-09	3.2E-07							3.3E-07
Iron				3.9E-02								3.9E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.5E-09	7.8E-08	2.8E-06	9.8E-09	9.2E-07	5.6E-15	3.8E-13	3.8E-06
Mercury, elemental						3.3E-10	1.2E-08	4.1E-11	3.8E-09	1.7E-04		1.7E-04
Methyl Mercury	8.7E-11			2.0E-11	7.9E-10							8.9E-10
Nickel	1.7E-13			2.8E-02	7.8E-12	3.9E-05	1.3E-03	4.8E-06	4.4E-04	3.0E-04	1.9E-13	3.0E-02
Phosphorus				3.7E-10	1.4E-08							1.4E-08
Selenium	5.5E-14			8.1E-15	3.1E-13	8.7E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-20	8.4E-18	4.2E-07
Silver	4.2E-14			1.7E-10	6.2E-09							6.4E-09
Thallium (Soluble Salts)				8.1E-03								8.1E-03
Titanium												
Zinc	1.4E-11			6.1E-13	2.2E-11							3.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	6.9E-14	3.1E-15	1.3E-13							2.0E-13
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	1.2E-12	5.2E-14	2.1E-12							3.4E-12
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-504 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	2.8E-13	2.8E-04	1.2E-02	3.5E-05	3.9E-03	4.9E-12	4.5E-10	1.6E-02
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	3.4E-11	1.5E-12	6.3E-11							1.1E-10
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	2.1E-03	6.2E-06	6.9E-04			2.8E-03
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.7E-10	7.6E-12	3.1E-10							5.1E-10
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.8E-10	7.8E-12	3.1E-10							6.0E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	7.2E-11	3.2E-12	1.2E-10	9.8E-10	3.9E-08	1.2E-10	1.3E-08	2.5E-15	2.1E-13	5.4E-08
Hexachlorobiphenyl	4.6E-11	1.7E-11	3.0E-10	1.4E-11	5.1E-10	4.1E-06	1.6E-04	5.1E-07	5.3E-05	1.1E-11	8.8E-10	2.2E-04
Monochlorobiphenyl	6.1E-10	6.4E-11	1.3E-09	5.4E-11	2.2E-09							4.2E-09
Nonachlorobiphenyl	1.4E-12	6.6E-13	1.0E-11	5.6E-13	1.7E-11							3.0E-11
Octachlorobiphenyl	3.4E-12	1.2E-12	2.2E-11	1.0E-12	3.7E-11							6.5E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	1.0E-09	5.1E-11	1.8E-09	4.6E-05	1.7E-03	5.7E-06	5.7E-04	1.3E-10	9.9E-09	2.3E-03
Tetrachlorobiphenyl	2.6E-11	3.5E-12	6.0E-11	3.0E-12	1.0E-10	2.3E-07	8.7E-06	2.9E-08	2.9E-06	1.5E-13	1.1E-11	1.2E-05
Trichlorobiphenyl	3.4E-11	4.3E-12	7.6E-11	3.6E-12	1.3E-10							2.5E-10
Pesticides												
DDE												
Dieldrin		5.4E-04		6.3E-04								1.2E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	4.3E-06	1.7E-08	1.4E-06			5.9E-06
1,2-dichlorobenzene	3.1E-17					5.4E-10	9.7E-09	6.8E-11	3.2E-09			1.4E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	8.5E-08	2.4E-10	2.8E-08			1.2E-07
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-504 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	3.9E-06	1.2E-08	1.3E-06			5.3E-06
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	6.0E-09	4.0E-10	1.4E-08							2.1E-08
Butyl benzyl phthalate	8.8E-13	1.6E-14	3.3E-13	1.9E-14	7.9E-13							2.0E-12
Carbazole												
Dibenzofuran		1.4E-13	2.9E-12	5.7E-13	2.3E-11							2.6E-11
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	6.7E-13	3.9E-14	1.6E-12							1.9E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	8.7E-12	1.1E-12	2.1E-11							3.1E-11
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						3.0E-02						3.0E-02
Phenol	4.9E-13					1.5E-06	6.2E-05	1.9E-07	2.1E-05			8.5E-05
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	1.0E-09	3.3E-12	3.3E-10			1.4E-09
1,1-Dichloroethene	1.2E-19					1.3E-10	2.3E-09	1.6E-11	7.7E-10			3.2E-09
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	6.4E-06	4.5E-08	2.1E-06			9.0E-06
1,2,4-Trimethylbenzene						8.9E-07	2.8E-05	1.1E-07	9.4E-06			3.9E-05
1,2-Dibromoethane	4.1E-17					7.7E-09	1.4E-07	9.6E-10	4.6E-08			1.9E-07
1,2-Dichloroethane	1.9E-15					3.3E-03	1.5E-05	1.4E-04	5.0E-06			3.4E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	2.6E-07	8.3E-10	8.7E-08			3.6E-07
2-Chlorotoluene												
2-Hexanone						2.3E-07	8.2E-06	2.8E-08	2.7E-06			1.1E-05

Table H-504 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					2.7E-02	1.1E-03	3.2E-04	3.8E-04			2.9E-02
Bromobenzene						6.2E-07	1.1E-05	7.8E-08	3.7E-06			1.5E-05
Bromochloromethane						2.2E-09	3.9E-08	2.8E-10	1.3E-08			5.5E-08
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	2.3E-05	9.5E-08	7.6E-06			3.1E-05
Carbon disulfide	1.3E-17					4.8E-09	1.4E-07	6.0E-10	4.7E-08			1.9E-07
Carbon tetrachloride	3.4E-17					1.6E-03	3.9E-08	1.5E-04	1.3E-08			1.7E-03
Chlorobenzene	2.3E-15					9.6E-08	3.4E-06	1.2E-08	1.1E-06			4.7E-06
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	3.2E-08	1.1E-10	1.1E-08			4.3E-08
Chloroform	2.8E-16					3.7E-04	3.9E-07	2.4E-05	1.3E-07			4.0E-04
Chloromethane						3.4E-07	1.0E-05	4.3E-08	3.5E-06			1.4E-05
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	9.1E-07	6.4E-09	3.0E-07			1.3E-06
Dichlorodifluoromethane	2.4E-20					2.5E-09	4.4E-08	3.1E-10	1.5E-08			6.2E-08
Ethylbenzene	1.5E-14					2.1E-04	7.4E-06	2.4E-08	2.5E-06			2.2E-04
Isopropylbenzene	2.0E-17					3.9E-08	1.3E-06	4.9E-09	4.5E-07			1.8E-06
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.1E-09	1.5E-11	7.1E-10			3.0E-09
Methylene chloride	4.3E-15					3.0E-08	1.1E-06	3.8E-09	3.7E-07			1.5E-06
n-Butylbenzene												
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07			4.2E-07
o-Xylene	1.4E-15					2.3E-07	7.6E-06	2.9E-08	2.5E-06			1.0E-05
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.9E-05	6.4E-08	6.2E-06			2.5E-05
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	1.1E-07	3.8E-10	3.5E-08			1.4E-07
Toluene	2.0E-14					6.3E-08	2.5E-06	7.9E-09	8.3E-07			3.4E-06
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.5E-03	6.5E-08	4.5E-10	2.2E-08			2.5E-03
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-504 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					5.0E-08	1.2E-06	6.2E-09	4.0E-07			1.7E-06
Grand Total	4.8E-09	9.6E-03	7.6E-07	2.2E-01	4.0E-05	5.6E-01	7.7E-02	1.0E-03	2.6E-02	8.9E-04	2.2E-07	8.9E-01

Table H-505 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			1.4E-10	1.7E-11		1.5E-10
Formaldehyde			1.8E-06	4.3E-11		1.8E-06
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	4.2E-14	1.6E-13	1.4E-11	1.7E-12	2.4E-18	1.6E-11
1,2,3,4,6,7,8-HpCDF	4.2E-14	1.7E-13	1.4E-11	1.7E-12	2.4E-18	1.6E-11
1,2,3,4,7,8,9-HpCDF	4.9E-15	1.9E-14	1.8E-12	2.2E-13	2.7E-19	2.0E-12
1,2,3,4,7,8-HxCDD	4.8E-14	1.9E-13	1.7E-11	2.1E-12	2.7E-18	1.9E-11
1,2,3,4,7,8-HxCDF	3.8E-13	1.5E-12	1.3E-10	1.7E-11	2.1E-17	1.5E-10
1,2,3,6,7,8-HxCDD	9.7E-14	3.8E-13	3.5E-11	4.4E-12	5.5E-18	4.0E-11
1,2,3,6,7,8-HxCDF	1.2E-13	4.9E-13	4.4E-11	5.5E-12	7.0E-18	5.0E-11
1,2,3,7,8,9-HxCDD	1.5E-13	6.0E-13	5.3E-11	6.6E-12	8.6E-18	6.0E-11
1,2,3,7,8,9-HxCDF	8.8E-15	3.5E-14	3.4E-12	4.2E-13	5.0E-19	3.8E-12
1,2,3,7,8-PeCDD	5.4E-13	2.1E-12	2.1E-10	2.6E-11	3.0E-17	2.4E-10

Table H-505 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	3.2E-14	1.2E-13	1.5E-11	1.9E-12	1.8E-18	1.7E-11
2,3,4,6,7,8-HxCDF	1.9E-13	7.6E-13	6.8E-11	8.5E-12	1.1E-17	7.7E-11
2,3,4,7,8-PeCDF	7.6E-13	3.0E-12	3.4E-10	4.2E-11	4.3E-17	3.8E-10
2,3,7,8-TCDD	1.1E-13	4.4E-13	8.4E-11	1.1E-11	4.3E-15	9.5E-11
2,3,7,8-TCDF	2.0E-14	7.9E-14	3.1E-11	3.9E-12	1.1E-18	3.5E-11
OCDD	2.8E-16	1.1E-15	9.2E-14	1.1E-14	1.6E-20	1.0E-13
OCDF	1.1E-16	4.3E-16	3.4E-14	4.3E-15	6.2E-21	3.9E-14
HCN						
Hydrogen cyanide						
Metals						
Aluminum						
Antimony						
Arsenic	2.3E-08	5.4E-08	1.1E-10	1.4E-11	1.3E-11	7.8E-08
Barium						
Beryllium			4.4E-12	5.5E-13	5.3E-21	5.0E-12
Cadmium			5.8E-11	7.3E-12	3.1E-21	6.6E-11
Chromium						
Cobalt			3.8E-09	4.7E-10	5.0E-10	4.8E-09
Copper						
Iron						
Lead						
Manganese						
Mercury (+2)						

Table H-505 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental						
Methyl Mercury						
Nickel			3.9E-11	4.8E-12	3.0E-10	3.5E-10
Phosphorus						
Selenium						
Silver						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.0E-19	2.7E-19				5.7E-19
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	6.9E-10	6.3E-10	1.4E-11	1.8E-12	1.4E-12	1.3E-09
Benzo(a)pyrene	8.1E-09	7.4E-09	5.5E-11	6.9E-12	5.4E-14	1.6E-08
Benzo(b)fluoranthene	1.5E-09	1.3E-09	6.2E-12	7.7E-13	9.8E-15	2.8E-09
Benzo(e)pyrene						

Table H-505 (Cancer Risk)

ACI Lifetime (yrs)	16
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Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	1.1E-10	1.0E-10	5.5E-14	6.9E-15	7.4E-15	2.1E-10
Biphenyl		1.1E-18				1.1E-18
Chrysene	8.5E-12	7.8E-12	2.4E-12	3.0E-13	5.7E-16	1.9E-11
Dibenze(a,h)anthracene	8.3E-14	7.5E-14	9.5E-12	1.2E-12	6.0E-19	1.1E-11
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	3.5E-10	3.2E-10	2.9E-12	3.6E-13	2.4E-15	6.8E-10
Napthalene			2.2E-10	2.7E-11		2.4E-10
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	1.1E-18	9.0E-19	8.0E-14	9.9E-15	2.4E-20	8.9E-14
Heptachlorobiphenyl	3.5E-18	2.9E-18	3.1E-14	3.9E-15	4.2E-20	3.5E-14
Hexachlorobiphenyl	1.6E-17	1.3E-17	1.3E-13	1.6E-14	1.9E-19	1.5E-13
Monochlorobiphenyl	7.4E-18	6.2E-18	5.5E-13	6.9E-14	1.7E-19	6.2E-13
Nonachlorobiphenyl	6.1E-19	5.2E-19	4.4E-15	5.5E-16	7.5E-21	4.9E-15
Octachlorobiphenyl	1.1E-18	9.5E-19	9.5E-15	1.2E-15	1.4E-20	1.1E-14

Table H-505 (Cancer Risk)

ACI Lifetime (yrs)	16
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Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Pentachlorobiphenyl	5.6E-17	4.8E-17	4.5E-13	5.6E-14	6.9E-19	5.0E-13
Tetrachlorobiphenyl	4.1E-19	3.4E-19	2.6E-14	3.2E-15	9.1E-21	2.9E-14
Trichlorobiphenyl	4.9E-19	4.1E-19	3.3E-14	4.1E-15	1.1E-20	3.7E-14
Pesticides						
Chlordecone (Kepone)	5.4E-07	6.4E-07			1.4E-11	1.2E-06
DDE		3.0E-09			2.7E-11	3.0E-09
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-Butadiene			2.8E-08			2.8E-08
1,3-dichlorobenzene						
1,4-dichlorobenzene			7.2E-13	8.9E-14		8.1E-13
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	4.0E-15	4.8E-15	2.0E-11	2.4E-12	4.0E-20	2.2E-11
Butyl benzyl phthalate	2.6E-19	3.1E-19				5.8E-19

Table H-505 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			4.2E-11	5.2E-12		4.7E-11
Isopropanol						
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			4.3E-14	5.4E-15		4.8E-14
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			1.8E-12	2.2E-13		2.0E-12
1,2-Dichloroethane			3.1E-12	1.1E-09		1.1E-09
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						

Table H-505 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
2-Chlorotoluene						
2-Hexanone						
Benzene			2.8E-08	3.2E-09		3.1E-08
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			1.5E-13	1.9E-14		1.7E-13
Bromomethane						
Carbon disulfide						
Carbon tetrachloride			3.8E-08	4.0E-09		4.2E-08
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			2.1E-08	2.4E-09		2.4E-08
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			2.9E-09	2.6E-12		2.9E-09
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			7.7E-15	9.7E-16		8.7E-15

Table H-505 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethene			1.3E-15	1.7E-16		1.5E-15
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			1.3E-15	1.6E-16		1.4E-15
Trichlorofluoromethane						
Vinyl chloride			9.3E-13	1.2E-13		1.1E-12
Grand Total	5.8E-07	7.1E-07	1.9E-06	1.1E-08	8.6E-10	3.2E-06

Table H-506 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			4.2E-05	5.2E-06		4.7E-05
Aldehydes						
Acetaldehyde			1.6E-04	2.0E-05		1.8E-04
Formaldehyde			3.3E-01	7.9E-06		3.3E-01
Propionaldehyde			2.0E-05	2.5E-06	2.1E-12	2.2E-05
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-506 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	5.2E-08	2.0E-07	1.3E-06	1.6E-07	1.2E-10	1.7E-06
2,3,7,8-TCDF						
OCDD						
OCDF						
HCN						
Hydrogen cyanide			2.0E-04	2.5E-05		2.2E-04
Metals						
Aluminum		1.0E-02			1.0E-04	1.0E-02
Antimony		9.4E-04				9.4E-04
Arsenic	1.2E-03	2.8E-03	4.0E-05	4.9E-06	4.6E-06	4.1E-03
Barium		1.6E-08	2.5E-04	3.1E-05	3.1E-10	2.8E-04
Beryllium		5.2E-13	2.1E-06	2.7E-07	2.6E-15	2.4E-06
Cadmium		8.2E-13	7.6E-05	9.5E-06	4.0E-15	8.5E-05
Chromium		5.5E-11				5.5E-11
Cobalt		8.8E-02	1.6E-03	2.0E-04	2.2E-04	9.0E-02
Copper		8.4E-09				8.4E-09
Iron		3.2E-02				3.2E-02
Lead						
Manganese						
Mercury (+2)		1.1E-10	7.8E-08	9.8E-09	5.6E-15	8.8E-08

Table H-506 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental			3.3E-10	4.1E-11	1.1E-02	1.1E-02
Methyl Mercury		2.0E-11				2.0E-11
Nickel		2.8E-02	3.9E-05	4.8E-06	3.0E-04	2.8E-02
Phosphorus		3.7E-10				3.7E-10
Selenium		8.1E-15	8.7E-09	1.1E-09	9.9E-20	9.8E-09
Silver		1.7E-10				1.7E-10
Titanium						
Zinc		6.1E-13				6.1E-13
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.4E-15	3.1E-15				6.5E-15
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	5.8E-14	5.2E-14				1.1E-13
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						
Benzo(e)pyrene						

Table H-506 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						
Biphenyl		6.7E-15	2.8E-04	3.5E-05	4.9E-12	3.1E-04
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	1.7E-12	1.5E-12				3.2E-12
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene			5.0E-05	6.2E-06		5.6E-05
Perylene						
Phenanthrene						
Pyrene	8.3E-12	7.6E-12				1.6E-11
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	9.3E-12	7.8E-12				1.7E-11
Heptachlorobiphenyl	3.7E-12	3.2E-12	9.8E-10	1.2E-10	2.5E-15	1.1E-09
Hexachlorobiphenyl	1.7E-11	1.4E-11	4.1E-06	5.1E-07	1.1E-11	4.6E-06
Monochlorobiphenyl	6.4E-11	5.4E-11				1.2E-10
Nonachlorobiphenyl	6.6E-13	5.6E-13				1.2E-12
Octachlorobiphenyl	1.2E-12	1.0E-12				2.2E-12

Table H-506 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Pentachlorobiphenyl	6.1E-11	5.1E-11	4.6E-05	5.7E-06	1.3E-10	5.1E-05
Tetrachlorobiphenyl	3.5E-12	3.0E-12	2.3E-07	2.9E-08	1.5E-13	2.6E-07
Trichlorobiphenyl	4.3E-12	3.6E-12				7.8E-12
Pesticides						
Chlordecone (Kepone)	4.2E-03	5.0E-03				9.2E-03
DDE						
SVOCs						
1,2,4-trichlorobenzene			1.3E-07	1.7E-08		1.5E-07
1,2-dichlorobenzene			5.4E-10	6.8E-11		6.1E-10
1,3-Butadiene			1.1E-02			1.1E-02
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.9E-09	2.4E-10		2.1E-09
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			9.3E-08	1.2E-08		1.0E-07
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-10	4.0E-10				7.4E-10
Butyl benzyl phthalate	1.6E-14	1.9E-14				3.6E-14

Table H-506 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbazole						
Dibenzofuran	1.4E-13	5.7E-13				7.1E-13
Dimethyl phthalate						
Di-n-butyl phthalate	3.3E-14	3.9E-14				7.1E-14
Di-n-octyl phthalate	9.4E-13	1.1E-12				2.1E-12
Hexachlorobutadiene						
Isopropanol			1.7E-03			1.7E-03
Phenol			1.5E-06	1.9E-07		1.7E-06
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			2.7E-11	3.3E-12		3.0E-11
1,1-Dichloroethene			1.3E-10	1.6E-11		1.5E-10
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.6E-07	4.5E-08		4.1E-07
1,2,4-Trimethylbenzene			8.9E-07	1.1E-07		1.0E-06
1,2-Dibromoethane			7.7E-09	9.6E-10		8.6E-09
1,2-Dichloroethane			4.0E-07	1.4E-04		1.4E-04
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone			6.6E-09	8.3E-10		7.4E-09

Table H-506 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
2-Chlorotoluene						
2-Hexanone			2.3E-07	2.8E-08		2.5E-07
Benzene			2.8E-03	3.2E-04		3.1E-03
Bromobenzene			6.2E-07	7.8E-08		7.0E-07
Bromochloromethane			2.2E-09	2.8E-10		2.5E-09
Bromodichloromethane						
Bromomethane			7.6E-07	9.5E-08		8.6E-07
Carbon disulfide			4.8E-09	6.0E-10		5.4E-09
Carbon tetrachloride			1.5E-03	1.5E-04		1.6E-03
Chlorobenzene			9.6E-08	1.2E-08		1.1E-07
Chlorodibromomethane						
Chloroethane			9.1E-10	1.1E-10		1.0E-09
Chloroform			2.2E-04	2.4E-05		2.5E-04
Chloromethane			3.4E-07	4.3E-08		3.9E-07
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			5.1E-08	6.4E-09		5.7E-08
Dichlorodifluoromethane			2.5E-09	3.1E-10		2.8E-09
Ethylbenzene			2.7E-05	2.4E-08		2.7E-05
Isopropylbenzene			3.9E-08	4.9E-09		4.4E-08
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.2E-10	1.5E-11		1.3E-10
Methylene chloride			3.0E-08	3.8E-09		3.4E-08

Table H-506 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene			9.4E-09	1.2E-09		1.1E-08
o-Xylene			2.3E-07	2.9E-08		2.6E-07
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			5.1E-07	6.4E-08		5.7E-07
tert-Butylbenzene						
Tetrachloroethene			3.0E-09	3.8E-10		3.4E-09
Toluene			6.3E-08	7.9E-09		7.1E-08
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			3.6E-09	4.5E-10		4.1E-09
Trichlorofluoromethane						
Vinyl chloride			5.0E-08	6.2E-09		5.6E-08
Grand Total	5.4E-03	1.7E-01	3.5E-01	1.0E-03	1.2E-02	5.3E-01

Table H-507 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.4E-10	3.2E-10	1.7E-11	1.7E-11			4.9E-10
Formaldehyde						1.8E-06	7.9E-10	4.3E-11	4.3E-11			1.8E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	5.1E-17	4.2E-14	5.9E-14	1.6E-13	4.6E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.4E-18	1.5E-17	5.0E-11
1,2,3,4,6,7,8-HpCDF	5.0E-17	4.2E-14	5.9E-14	1.7E-13	4.7E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.4E-18	1.5E-17	5.0E-11
1,2,3,4,7,8,9-HpCDF	8.1E-18	4.9E-15	6.8E-15	1.9E-14	5.4E-14	1.8E-12	4.1E-12	2.2E-13	2.2E-13	2.7E-19	1.7E-18	6.4E-12
1,2,3,4,7,8-HxCDD	6.1E-16	4.8E-14	6.6E-14	1.9E-13	5.2E-13	1.7E-11	3.8E-11	2.1E-12	2.1E-12	2.7E-18	1.7E-17	6.0E-11
1,2,3,4,7,8-HxCDF	4.2E-15	3.8E-13	5.3E-13	1.5E-12	4.2E-12	1.3E-10	3.1E-10	1.7E-11	1.7E-11	2.1E-17	1.3E-16	4.9E-10
1,2,3,6,7,8-HxCDD	1.2E-15	9.7E-14	1.4E-13	3.8E-13	1.1E-12	3.5E-11	8.0E-11	4.4E-12	4.4E-12	5.5E-18	3.4E-17	1.3E-10
1,2,3,6,7,8-HxCDF	1.6E-15	1.2E-13	1.7E-13	4.9E-13	1.4E-12	4.4E-11	1.0E-10	5.5E-12	5.5E-12	7.0E-18	4.3E-17	1.6E-10
1,2,3,7,8,9-HxCDD	1.7E-15	1.5E-13	2.1E-13	6.0E-13	1.7E-12	5.3E-11	1.2E-10	6.6E-12	6.6E-12	8.6E-18	5.3E-17	1.9E-10
1,2,3,7,8,9-HxCDF	1.3E-16	8.8E-15	1.2E-14	3.5E-14	9.7E-14	3.4E-12	7.7E-12	4.2E-13	4.2E-13	5.0E-19	3.1E-18	1.2E-11
1,2,3,7,8-PeCDD	3.8E-14	5.4E-13	7.5E-13	2.1E-12	5.9E-12	2.1E-10	4.9E-10	2.6E-11	2.6E-11	3.0E-17	1.9E-16	7.6E-10
1,2,3,7,8-PeCDF	2.7E-15	3.2E-14	4.4E-14	1.2E-13	3.5E-13	1.5E-11	3.5E-11	1.9E-12	1.9E-12	1.8E-18	1.1E-17	5.4E-11
2,3,4,6,7,8-HxCDF	2.3E-15	1.9E-13	2.7E-13	7.6E-13	2.1E-12	6.8E-11	1.6E-10	8.5E-12	8.5E-12	1.1E-17	6.7E-17	2.4E-10
2,3,4,7,8-PeCDF	4.2E-14	7.6E-13	1.1E-12	3.0E-12	8.3E-12	3.4E-10	7.8E-10	4.2E-11	4.2E-11	4.3E-17	2.6E-16	1.2E-09
2,3,7,8-TCDD	1.3E-14	1.1E-13	1.5E-13	4.4E-13	1.2E-12	8.4E-11	1.9E-10	1.1E-11	1.1E-11	4.3E-15	2.7E-14	3.0E-10
2,3,7,8-TCDF	4.4E-15	2.0E-14	2.8E-14	7.9E-14	2.2E-13	3.1E-11	7.2E-11	3.9E-12	3.9E-12	1.1E-18	7.0E-18	1.1E-10
OCDD	6.8E-21	2.8E-16	4.0E-16	1.1E-15	3.1E-15	9.2E-14	2.1E-13	1.1E-14	1.1E-14	1.6E-20	9.9E-20	3.3E-13
OCDF	2.5E-21	1.1E-16	1.5E-16	4.3E-16	1.2E-15	3.4E-14	7.9E-14	4.3E-15	4.3E-15	6.2E-21	3.8E-20	1.2E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-507 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	5.2E-17	2.3E-08	1.5E-08	5.4E-08	7.0E-08	1.1E-10	2.5E-10	1.4E-11	1.4E-11	1.3E-11	3.6E-11	1.6E-07
Barium												
Beryllium						4.4E-12	1.0E-11	5.5E-13	5.5E-13	5.3E-21	3.2E-20	1.6E-11
Cadmium						5.8E-11	1.3E-10	7.3E-12	7.3E-12	3.1E-21	1.9E-20	2.1E-10
Chromium												
Cobalt						3.8E-09	8.8E-09	4.7E-10	4.7E-10	5.0E-10	1.5E-09	1.6E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.9E-11	8.9E-11	4.8E-12	4.8E-12	3.0E-10	8.5E-10	1.3E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.0E-19	4.1E-19	2.7E-19	7.5E-19							1.7E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.9E-13	6.9E-10	1.6E-08	6.3E-10	2.9E-08	1.4E-11	3.3E-11	1.8E-12	1.8E-12	1.4E-12	8.8E-12	4.6E-08
Benzo(a)pyrene	9.5E-13	8.1E-09	1.8E-07	7.4E-09	3.2E-07	5.5E-11	1.3E-10	6.9E-12	6.9E-12	5.4E-14	5.2E-12	5.1E-07
Benzo(b)fluoranthene	2.6E-14	1.5E-09	2.5E-08	1.3E-09	4.5E-08	6.2E-12	1.4E-11	7.7E-13	7.7E-13	9.8E-15	7.3E-13	7.2E-08
Benzo(e)pyrene												

Table H-507 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	1.9E-17	1.1E-10	1.2E-09	1.0E-10	2.3E-09	5.5E-14	1.3E-13	6.9E-15	6.9E-15	7.4E-15	3.7E-13	3.7E-09
Biphenyl				1.1E-18	3.2E-18							4.3E-18
Chrysene	3.3E-16	8.5E-12	1.8E-10	7.8E-12	3.3E-10	2.4E-12	5.6E-12	3.0E-13	3.0E-13	5.7E-16	5.3E-14	5.3E-10
Dibenze(a,h)anthracene	4.7E-14	8.3E-14	4.4E-08	7.5E-14	7.9E-08	9.5E-12	2.2E-11	1.2E-12	1.2E-12	6.0E-19	1.4E-12	1.2E-07
Fluorene												
Indeno(1,2,3-cd)pyrene	1.2E-14	3.5E-10	1.1E-08	3.2E-10	2.1E-08	2.9E-12	6.7E-12	3.6E-13	3.6E-13	2.4E-15	3.4E-13	3.3E-08
Napthalene						2.2E-10	5.0E-10	2.7E-11	2.7E-11			7.7E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.8E-17	1.1E-18	1.5E-18	9.0E-19	2.5E-18	8.0E-14	1.8E-13	9.9E-15	9.9E-15	2.4E-20	1.5E-19	2.8E-13
Heptachlorobiphenyl	2.0E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	3.1E-14	7.2E-14	3.9E-15	3.9E-15	4.2E-20	2.6E-19	1.1E-13
Hexachlorobiphenyl	7.9E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	1.3E-13	3.0E-13	1.6E-14	1.6E-14	1.9E-19	1.2E-18	4.6E-13
Monochlorobiphenyl	1.3E-16	7.4E-18	1.0E-17	6.2E-18	1.7E-17	5.5E-13	1.3E-12	6.9E-14	6.9E-14	1.7E-19	1.0E-18	2.0E-12
Nonachlorobiphenyl	2.4E-18	6.1E-19	8.6E-19	5.2E-19	1.4E-18	4.4E-15	1.0E-14	5.5E-16	5.5E-16	7.5E-21	4.6E-20	1.6E-14
Octachlorobiphenyl	5.8E-18	1.1E-18	1.6E-18	9.5E-19	2.7E-18	9.5E-15	2.2E-14	1.2E-15	1.2E-15	1.4E-20	8.5E-20	3.4E-14
Pentachlorobiphenyl	2.6E-16	5.6E-17	7.9E-17	4.8E-17	1.3E-16	4.5E-13	1.0E-12	5.6E-14	5.6E-14	6.9E-19	4.3E-18	1.6E-12
Tetrachlorobiphenyl	5.4E-18	4.1E-19	5.7E-19	3.4E-19	9.6E-19	2.6E-14	6.0E-14	3.2E-15	3.2E-15	9.1E-21	5.6E-20	9.2E-14
Trichlorobiphenyl	7.1E-18	4.9E-19	6.8E-19	4.1E-19	1.2E-18	3.3E-14	7.6E-14	4.1E-15	4.1E-15	1.1E-20	6.8E-20	1.2E-13
Pesticides												
Chlordecone (Kepone)		5.4E-07		6.4E-07						1.4E-11		1.2E-06
DDE				3.0E-09		3.2E-09				2.7E-11	1.7E-10	6.4E-09
Dieldrin			6.8E-09		1.6E-08						5.0E-13	2.3E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene							2.8E-08					2.8E-08
1,3-dichlorobenzene												

Table H-507 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
1,4-dichlorobenzene	2.1E-20					7.2E-13	1.7E-12	8.9E-14	8.9E-14			2.5E-12
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.9E-16	4.0E-15	5.6E-15	4.8E-15	1.3E-14	2.0E-11	4.5E-11	2.4E-12	2.4E-12	4.0E-20	2.5E-19	7.0E-11
Butyl benzyl phthalate	1.4E-17	2.6E-19	3.7E-19	3.1E-19	8.8E-19							1.6E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	2.3E-17					4.2E-11	9.7E-11	5.2E-12	5.2E-12			1.5E-10
Isopropanol												
p-Chloroaniline			2.8E-09		6.6E-09							9.4E-09
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	3.0E-21					4.3E-14	9.9E-14	5.4E-15	5.4E-15			1.5E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.4E-18											1.4E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	3.2E-20					1.8E-12	4.1E-12	2.2E-13	2.2E-13			6.3E-12
1,2-Dichloroethane	4.5E-20					3.1E-12	4.9E-08	1.1E-09	1.1E-09			5.1E-08
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												

Table H-507 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Butanone												
2-Chlorotoluene												
2-Hexanone												
Benzene	4.7E-18					2.8E-08	9.0E-08	3.2E-09	3.2E-09			1.2E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	8.3E-22					1.5E-13	5.4E-07	1.9E-14	1.9E-14			5.4E-07
Bromoform							7.2E-08					7.2E-08
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	4.0E-22					3.8E-08	1.0E-07	4.0E-09	4.0E-09			1.5E-07
Chlorobenzene												
Chlorodibromomethane	6.6E-20											6.6E-20
Chloroethane												
Chloroform	3.7E-21					2.1E-08	7.8E-07	2.4E-09	2.4E-09			8.1E-07
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	7.0E-19					2.9E-09	2.4E-08	2.6E-12	2.6E-12			2.7E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	2.2E-21					7.7E-15	1.8E-14	9.7E-16	9.7E-16			2.8E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.9E-23					1.3E-15	3.1E-15	1.7E-16	1.7E-16			4.8E-15
Toluene												

Table H-507 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.3E-23					1.3E-15	7.9E-08	1.6E-16	1.6E-16			7.9E-08
Trichlorofluoromethane												
Vinyl chloride	1.5E-20					9.3E-13	2.2E-12	1.2E-13	1.2E-13			3.3E-12
Grand Total	1.3E-12	5.8E-07	3.0E-07	7.1E-07	5.9E-07	1.9E-06	1.7E-06	1.1E-08	1.1E-08	8.6E-10	2.6E-09	5.9E-06

Table H-508 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					3.3E-01	1.5E-04	7.9E-06	7.9E-06			3.3E-01
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.0E-02	2.0E-02					1.0E-04	4.2E-04	3.0E-02
Antimony	3.9E-14			9.4E-04	3.6E-03							4.5E-03

Table H-508 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	1.2E-03	7.7E-04	2.8E-03	3.6E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	4.6E-06	1.3E-05	8.6E-03
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt				8.8E-02	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.2E-04	6.6E-04	2.2E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				3.2E-02	5.4E-02							8.6E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.1E-02	6.8E-02	7.9E-02
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.8E-02	3.5E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.0E-04	8.5E-04	6.5E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Thallium (Soluble Salts)					1.7E-02							1.7E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-508 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	1.1E-04	6.2E-06	6.2E-06			1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
Chlordecone (Kepone)		4.2E-03		5.0E-03								9.2E-03
DDE												
Dieldrin			2.0E-04		4.7E-04							6.7E-04
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.1E-02						1.1E-02
1,3-dichlorobenzene												

Table H-508 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.7E-03	1.1E-02					1.3E-02
p-Chloroaniline			8.2E-05		1.9E-04							2.8E-04
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	6.3E-03	1.4E-04	1.4E-04			6.5E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												

Table H-508 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.8E-03	9.0E-03	3.2E-04	3.2E-04			1.2E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromoform												
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.5E-03	3.9E-03	1.5E-04	1.5E-04			5.7E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					2.2E-04	8.1E-03	2.4E-05	2.4E-05			8.3E-03
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					2.7E-05	2.2E-04	2.4E-08	2.4E-08			2.5E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07

Table H-508 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					3.6E-09	2.2E-01	4.5E-10	4.5E-10			2.2E-01
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	4.8E-09	5.4E-03	1.0E-03	1.7E-01	2.6E-01	3.5E-01	2.7E-01	1.0E-03	1.0E-03	1.2E-02	6.9E-02	1.1E+00

Table H-509 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.4E-10	3.2E-10	1.7E-11	1.7E-11			4.9E-10
Formaldehyde						1.8E-06	2.2E-05	4.3E-11	4.3E-11			2.4E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	5.1E-17	4.2E-14	5.9E-14	1.6E-13	4.6E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.4E-18	1.5E-17	5.0E-11
1,2,3,4,6,7,8-HpCDF	5.0E-17	4.2E-14	5.9E-14	1.7E-13	4.7E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.4E-18	1.5E-17	5.0E-11
1,2,3,4,7,8,9-HpCDF	8.1E-18	4.9E-15	6.8E-15	1.9E-14	5.4E-14	1.8E-12	4.1E-12	2.2E-13	2.2E-13	2.7E-19	1.7E-18	6.4E-12
1,2,3,4,7,8-HxCDD	6.1E-16	4.8E-14	6.6E-14	1.9E-13	5.2E-13	1.7E-11	3.8E-11	2.1E-12	2.1E-12	2.7E-18	1.7E-17	6.0E-11
1,2,3,4,7,8-HxCDF	4.2E-15	3.8E-13	5.3E-13	1.5E-12	4.2E-12	1.3E-10	3.1E-10	1.7E-11	1.7E-11	2.1E-17	1.3E-16	4.9E-10
1,2,3,6,7,8-HxCDD	1.2E-15	9.7E-14	1.4E-13	3.8E-13	1.1E-12	3.5E-11	8.0E-11	4.4E-12	4.4E-12	5.5E-18	3.4E-17	1.3E-10
1,2,3,6,7,8-HxCDF	1.6E-15	1.2E-13	1.7E-13	4.9E-13	1.4E-12	4.4E-11	1.0E-10	5.5E-12	5.5E-12	7.0E-18	4.3E-17	1.6E-10
1,2,3,7,8,9-HxCDD	1.7E-15	1.5E-13	2.1E-13	6.0E-13	1.7E-12	5.3E-11	1.2E-10	6.6E-12	6.6E-12	8.6E-18	5.3E-17	1.9E-10
1,2,3,7,8,9-HxCDF	1.3E-16	8.8E-15	1.2E-14	3.5E-14	9.7E-14	3.4E-12	7.7E-12	4.2E-13	4.2E-13	5.0E-19	3.1E-18	1.2E-11
1,2,3,7,8-PeCDD	3.8E-14	5.4E-13	7.5E-13	2.1E-12	5.9E-12	2.1E-10	4.9E-10	2.6E-11	2.6E-11	3.0E-17	1.9E-16	7.6E-10
1,2,3,7,8-PeCDF	2.7E-15	3.2E-14	4.4E-14	1.2E-13	3.5E-13	1.5E-11	3.5E-11	1.9E-12	1.9E-12	1.8E-18	1.1E-17	5.4E-11
2,3,4,6,7,8-HxCDF	2.3E-15	1.9E-13	2.7E-13	7.6E-13	2.1E-12	6.8E-11	1.6E-10	8.5E-12	8.5E-12	1.1E-17	6.7E-17	2.4E-10
2,3,4,7,8-PeCDF	4.2E-14	7.6E-13	1.1E-12	3.0E-12	8.3E-12	3.4E-10	7.8E-10	4.2E-11	4.2E-11	4.3E-17	2.6E-16	1.2E-09
2,3,7,8-TCDD	1.3E-14	1.1E-13	1.5E-13	4.4E-13	1.2E-12	8.4E-11	1.9E-10	1.1E-11	1.1E-11	4.3E-15	2.7E-14	3.0E-10
2,3,7,8-TCDF	4.4E-15	2.0E-14	2.8E-14	7.9E-14	2.2E-13	3.1E-11	7.2E-11	3.9E-12	3.9E-12	1.1E-18	7.0E-18	1.1E-10
OCDD	6.8E-21	2.8E-16	4.0E-16	1.1E-15	3.1E-15	9.2E-14	2.1E-13	1.1E-14	1.1E-14	1.6E-20	9.9E-20	3.3E-13
OCDF	2.5E-21	1.1E-16	1.5E-16	4.3E-16	1.2E-15	3.4E-14	7.9E-14	4.3E-15	4.3E-15	6.2E-21	3.8E-20	1.2E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-509 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	5.2E-17	2.3E-08	2.9E-08	5.4E-08	1.4E-07	1.1E-10	2.5E-10	1.4E-11	1.4E-11	1.3E-11	7.1E-11	2.5E-07
Barium												
Beryllium						4.4E-12	1.0E-11	5.5E-13	5.5E-13	5.3E-21	3.2E-20	1.6E-11
Cadmium						5.8E-11	1.3E-10	7.3E-12	7.3E-12	3.1E-21	1.9E-20	2.1E-10
Chromium												
Cobalt						3.8E-09	8.8E-09	4.7E-10	4.7E-10	5.0E-10	1.5E-09	1.6E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.9E-11	8.9E-11	4.8E-12	4.8E-12	3.0E-10	9.5E-10	1.4E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.0E-19	4.1E-19	2.7E-19	7.5E-19							1.7E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.9E-13	6.9E-10	7.2E-14	6.3E-10	1.3E-13	1.4E-11	3.3E-11	1.8E-12	1.8E-12	1.4E-12	8.8E-12	1.4E-09
Benzo(a)pyrene	9.5E-13	8.1E-09	3.4E-13	7.4E-09	6.1E-13	5.5E-11	1.3E-10	6.9E-12	6.9E-12	5.4E-14	1.0E-17	1.6E-08
Benzo(b)fluoranthene	2.6E-14	1.5E-09	1.9E-15	1.3E-09	3.5E-15	6.2E-12	1.4E-11	7.7E-13	7.7E-13	9.8E-15	5.7E-20	2.8E-09
Benzo(e)pyrene												

Table H-509 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	1.9E-17	1.1E-10	2.0E-16	1.0E-10	3.6E-16	5.5E-14	1.3E-13	6.9E-15	6.9E-15	7.4E-15	5.9E-20	2.1E-10
Biphenyl				1.1E-18	3.2E-18							4.3E-18
Chrysene	3.3E-16	8.5E-12	9.1E-16	7.8E-12	1.6E-15	2.4E-12	5.6E-12	3.0E-13	3.0E-13	5.7E-16	2.7E-19	2.5E-11
Dibenze(a,h)anthracene	4.7E-14	8.3E-14	1.2E-13	7.5E-14	2.1E-13	9.5E-12	2.2E-11	1.2E-12	1.2E-12	6.0E-19	3.7E-18	3.5E-11
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.2E-14	3.5E-10	3.3E-14	3.2E-10	6.0E-14	2.9E-12	6.7E-12	3.6E-13	3.6E-13	2.4E-15	9.8E-19	6.9E-10
Napthalene						2.2E-10	5.0E-10	2.7E-11	2.7E-11			7.7E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.8E-17	1.1E-18	1.5E-18	9.0E-19	2.5E-18	8.0E-14	1.8E-13	9.9E-15	9.9E-15	2.4E-20	1.5E-19	2.8E-13
Heptachlorobiphenyl	2.0E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	3.1E-14	7.2E-14	3.9E-15	3.9E-15	4.2E-20	2.6E-19	1.1E-13
Hexachlorobiphenyl	7.9E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	1.3E-13	3.0E-13	1.6E-14	1.6E-14	1.9E-19	1.2E-18	4.6E-13
Monochlorobiphenyl	1.3E-16	7.4E-18	1.0E-17	6.2E-18	1.7E-17	5.5E-13	1.3E-12	6.9E-14	6.9E-14	1.7E-19	1.0E-18	2.0E-12
Nonachlorobiphenyl	2.4E-18	6.1E-19	8.6E-19	5.2E-19	1.4E-18	4.4E-15	1.0E-14	5.5E-16	5.5E-16	7.5E-21	4.6E-20	1.6E-14
Octachlorobiphenyl	5.8E-18	1.1E-18	1.6E-18	9.5E-19	2.7E-18	9.5E-15	2.2E-14	1.2E-15	1.2E-15	1.4E-20	8.5E-20	3.4E-14
Pentachlorobiphenyl	2.6E-16	5.6E-17	7.9E-17	4.8E-17	1.3E-16	4.5E-13	1.0E-12	5.6E-14	5.6E-14	6.9E-19	4.3E-18	1.6E-12
Tetrachlorobiphenyl	5.4E-18	4.1E-19	5.7E-19	3.4E-19	9.6E-19	2.6E-14	6.0E-14	3.2E-15	3.2E-15	9.1E-21	5.6E-20	9.2E-14
Trichlorobiphenyl	7.1E-18	4.9E-19	6.8E-19	4.1E-19	1.2E-18	3.3E-14	7.6E-14	4.1E-15	4.1E-15	1.1E-20	6.8E-20	1.2E-13
Pesticides												
Chlordecone (Kepone)		5.4E-07		6.4E-07						1.4E-11		1.2E-06
DDE				3.0E-09	1.1E-09					2.7E-11	1.7E-10	4.3E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene							2.8E-08					2.8E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	2.1E-20							7.2E-13	1.7E-12	8.9E-14	8.9E-14	2.5E-12

Table H-509 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.9E-16	4.0E-15	5.6E-15	4.8E-15	1.3E-14	2.0E-11	4.5E-11	2.4E-12	2.4E-12	4.0E-20	2.5E-19	7.0E-11
Butyl benzyl phthalate	1.4E-17	2.6E-19	3.7E-19	3.1E-19	8.8E-19							1.6E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	2.3E-17					4.2E-11	9.7E-11	5.2E-12	5.2E-12			1.5E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	3.0E-21					4.3E-14	9.9E-14	5.4E-15	5.4E-15			1.5E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.4E-18											1.4E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	3.2E-20					1.8E-12	4.1E-12	2.2E-13	2.2E-13			6.3E-12
1,2-Dichloroethane	4.5E-20					3.1E-12	7.1E-12	1.1E-09	1.1E-09			2.2E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												

Table H-509 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone												
Benzene	4.7E-18					2.8E-08	6.7E-10	3.2E-09	3.2E-09			3.5E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	8.3E-22					1.5E-13	3.5E-13	1.9E-14	1.9E-14			5.4E-13
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	4.0E-22					3.8E-08	1.3E-13	4.0E-09	4.0E-09			4.6E-08
Chlorobenzene												
Chlorodibromomethane	6.6E-20											6.6E-20
Chloroethane												
Chloroform	3.7E-21					2.1E-08	4.5E-12	2.4E-09	2.4E-09			2.6E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	7.0E-19					2.9E-09	4.8E-11	2.6E-12	2.6E-12			3.0E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	2.2E-21					7.7E-15	1.8E-14	9.7E-16	9.7E-16			2.8E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.9E-23					1.3E-15	3.1E-15	1.7E-16	1.7E-16			4.8E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.3E-23					1.3E-15	2.9E-15	1.6E-16	1.6E-16			4.5E-15

Table H-509 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane												
Vinyl chloride	1.5E-20					9.3E-13	2.2E-12	1.2E-13	1.2E-13			3.3E-12
Grand Total	1.3E-12	5.8E-07	2.9E-08	7.1E-07	1.4E-07	1.9E-06	2.2E-05	1.1E-08	1.1E-08	8.6E-10	2.7E-09	2.5E-05

Table H-510 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					3.3E-01	4.0E+00	7.9E-06	7.9E-06			4.4E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.0E-02	2.4E-02					1.0E-04	5.1E-04	3.5E-02
Antimony	3.9E-14			9.4E-04	1.2E-03							2.1E-03

Table H-510 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	1.2E-03	1.5E-03	2.8E-03	7.2E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	4.6E-06	2.6E-05	1.3E-02
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt				8.8E-02	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.2E-04	6.7E-04	2.2E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				3.2E-02	5.7E-02							8.9E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.1E-02	6.8E-02	7.9E-02
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.8E-02	4.0E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.0E-04	9.5E-04	6.9E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Thallium (Soluble Salts)					1.4E-02							1.4E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-510 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
Chlordecone (Kepone)		4.2E-03		5.0E-03								9.2E-03
DDE												
SVOCs												
1,2,4-trichlorobenzene								1.3E-07	3.1E-07	1.7E-08	1.7E-08	4.8E-07
1,2-dichlorobenzene	3.1E-17							5.4E-10	1.3E-09	6.8E-11	6.8E-11	1.9E-09
1,3-Butadiene								1.1E-02				1.1E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15							1.9E-09	4.4E-09	2.4E-10	2.4E-10	6.8E-09

Table H-510 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.7E-03						1.7E-03
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	9.1E-07	1.4E-04	1.4E-04			2.9E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												

Table H-510 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.8E-03	6.7E-05	3.2E-04	3.2E-04			3.5E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.5E-03	5.0E-09	1.5E-04	1.5E-04			1.8E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					2.2E-04	4.6E-08	2.4E-05	2.4E-05			2.7E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					2.7E-05	4.5E-07	2.4E-08	2.4E-08			2.8E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					3.6E-09	8.4E-09	4.5E-10	4.5E-10			1.3E-08

Table H-510 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	4.8E-09	5.4E-03	1.5E-03	1.7E-01	2.7E-01	3.5E-01	4.0E+00	1.0E-03	1.0E-03	1.2E-02	7.0E-02	4.9E+00

Table H-511 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.4E-10	3.2E-10	1.7E-11	1.7E-11			4.9E-10
Formaldehyde						1.8E-06	1.5E-05	4.3E-11	4.3E-11			1.7E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	5.1E-17	4.2E-14	5.9E-14	1.6E-13	4.6E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.4E-18	1.5E-17	5.0E-11
1,2,3,4,6,7,8-HpCDF	5.0E-17	4.2E-14	5.9E-14	1.7E-13	4.7E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	2.4E-18	1.5E-17	5.0E-11
1,2,3,4,7,8,9-HpCDF	8.1E-18	4.9E-15	6.8E-15	1.9E-14	5.4E-14	1.8E-12	4.1E-12	2.2E-13	2.2E-13	2.7E-19	1.7E-18	6.4E-12
1,2,3,4,7,8-HxCDD	6.1E-16	4.8E-14	6.6E-14	1.9E-13	5.2E-13	1.7E-11	3.8E-11	2.1E-12	2.1E-12	2.7E-18	1.7E-17	6.0E-11
1,2,3,4,7,8-HxCDF	4.2E-15	3.8E-13	5.3E-13	1.5E-12	4.2E-12	1.3E-10	3.1E-10	1.7E-11	1.7E-11	2.1E-17	1.3E-16	4.9E-10
1,2,3,6,7,8-HxCDD	1.2E-15	9.7E-14	1.4E-13	3.8E-13	1.1E-12	3.5E-11	8.0E-11	4.4E-12	4.4E-12	5.5E-18	3.4E-17	1.3E-10
1,2,3,6,7,8-HxCDF	1.6E-15	1.2E-13	1.7E-13	4.9E-13	1.4E-12	4.4E-11	1.0E-10	5.5E-12	5.5E-12	7.0E-18	4.3E-17	1.6E-10
1,2,3,7,8,9-HxCDD	1.7E-15	1.5E-13	2.1E-13	6.0E-13	1.7E-12	5.3E-11	1.2E-10	6.6E-12	6.6E-12	8.6E-18	5.3E-17	1.9E-10
1,2,3,7,8,9-HxCDF	1.3E-16	8.8E-15	1.2E-14	3.5E-14	9.7E-14	3.4E-12	7.7E-12	4.2E-13	4.2E-13	5.0E-19	3.1E-18	1.2E-11
1,2,3,7,8-PeCDD	3.8E-14	5.4E-13	7.5E-13	2.1E-12	5.9E-12	2.1E-10	4.9E-10	2.6E-11	2.6E-11	3.0E-17	1.9E-16	7.6E-10
1,2,3,7,8-PeCDF	2.7E-15	3.2E-14	4.4E-14	1.2E-13	3.5E-13	1.5E-11	3.5E-11	1.9E-12	1.9E-12	1.8E-18	1.1E-17	5.4E-11
2,3,4,6,7,8-HxCDF	2.3E-15	1.9E-13	2.7E-13	7.6E-13	2.1E-12	6.8E-11	1.6E-10	8.5E-12	8.5E-12	1.1E-17	6.7E-17	2.4E-10
2,3,4,7,8-PeCDF	4.2E-14	7.6E-13	1.1E-12	3.0E-12	8.3E-12	3.4E-10	7.8E-10	4.2E-11	4.2E-11	4.3E-17	2.6E-16	1.2E-09
2,3,7,8-TCDD	1.3E-14	1.1E-13	1.5E-13	4.4E-13	1.2E-12	8.4E-11	1.9E-10	1.1E-11	1.1E-11	4.3E-15	2.7E-14	3.0E-10
2,3,7,8-TCDF	4.4E-15	2.0E-14	2.8E-14	7.9E-14	2.2E-13	3.1E-11	7.2E-11	3.9E-12	3.9E-12	1.1E-18	7.0E-18	1.1E-10
OCDD	6.8E-21	2.8E-16	4.0E-16	1.1E-15	3.1E-15	9.2E-14	2.1E-13	1.1E-14	1.1E-14	1.6E-20	9.9E-20	3.3E-13
OCDF	2.5E-21	1.1E-16	1.5E-16	4.3E-16	1.2E-15	3.4E-14	7.9E-14	4.3E-15	4.3E-15	6.2E-21	3.8E-20	1.2E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-511 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	5.2E-17	2.3E-08	1.2E-08	5.4E-08	5.5E-08	1.1E-10	2.5E-10	1.4E-11	1.4E-11	1.3E-11	2.9E-11	1.5E-07
Barium												
Beryllium						4.4E-12	1.0E-11	5.5E-13	5.5E-13	5.3E-21	3.2E-20	1.6E-11
Cadmium						5.8E-11	1.3E-10	7.3E-12	7.3E-12	3.1E-21	1.9E-20	2.1E-10
Chromium												
Cobalt						3.8E-09	8.8E-09	4.7E-10	4.7E-10	5.0E-10	2.6E-09	1.7E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.9E-11	8.9E-11	4.8E-12	4.8E-12	3.0E-10	1.6E-09	2.0E-09
Phosphorus												
Selenium												
Silver												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.0E-19	4.1E-19	2.7E-19	7.5E-19							1.7E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.9E-13	6.9E-10	7.2E-14	6.3E-10	1.3E-13	1.4E-11	3.3E-11	1.8E-12	1.8E-12	1.4E-12	8.8E-12	1.4E-09
Benzo(a)pyrene	9.5E-13	8.1E-09	4.1E-08	7.4E-09	7.5E-08	5.5E-11	1.3E-10	6.9E-12	6.9E-12	5.4E-14	1.2E-12	1.3E-07
Benzo(b)fluoranthene	2.6E-14	1.5E-09	3.7E-09	1.3E-09	6.8E-09	6.2E-12	1.4E-11	7.7E-13	7.7E-13	9.8E-15	1.1E-13	1.3E-08
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-511 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Outdoor Vapors at CJ	Inhalation of Outdoor Vapors at Home	Grand Total
Benzo(k)fluoranthene	1.9E-17	1.1E-10	2.0E-16	1.0E-10	3.6E-16	5.5E-14	1.3E-13	6.9E-15	6.9E-15	7.4E-15	5.9E-20	2.1E-10
Biphenyl				1.1E-18	3.2E-18							4.3E-18
Chrysene	3.3E-16	8.5E-12	9.1E-16	7.8E-12	1.6E-15	2.4E-12	5.6E-12	3.0E-13	3.0E-13	5.7E-16	2.7E-19	2.5E-11
Dibenze(a,h)anthracene	4.7E-14	8.3E-14	1.2E-13	7.5E-14	2.1E-13	9.5E-12	2.2E-11	1.2E-12	1.2E-12	6.0E-19	3.7E-18	3.5E-11
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.2E-14	3.5E-10	3.3E-14	3.2E-10	6.0E-14	2.9E-12	6.7E-12	3.6E-13	3.6E-13	2.4E-15	9.8E-19	6.9E-10
Napthalene						2.2E-10	5.0E-10	2.7E-11	2.7E-11			7.7E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.8E-17	1.1E-18	1.5E-18	9.0E-19	2.5E-18	8.0E-14	1.8E-13	9.9E-15	9.9E-15	2.4E-20	1.5E-19	2.8E-13
Heptachlorobiphenyl	2.0E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	3.1E-14	7.2E-14	3.9E-15	3.9E-15	4.2E-20	2.6E-19	1.1E-13
Hexachlorobiphenyl	7.9E-17	1.6E-17	2.2E-17	1.3E-17	3.7E-17	1.3E-13	3.0E-13	1.6E-14	1.6E-14	1.9E-19	1.2E-18	4.6E-13
Monochlorobiphenyl	1.3E-16	7.4E-18	1.0E-17	6.2E-18	1.7E-17	5.5E-13	1.3E-12	6.9E-14	6.9E-14	1.7E-19	1.0E-18	2.0E-12
Nonachlorobiphenyl	2.4E-18	6.1E-19	8.6E-19	5.2E-19	1.4E-18	4.4E-15	1.0E-14	5.5E-16	5.5E-16	7.5E-21	4.6E-20	1.6E-14
Octachlorobiphenyl	5.8E-18	1.1E-18	1.6E-18	9.5E-19	2.7E-18	9.5E-15	2.2E-14	1.2E-15	1.2E-15	1.4E-20	8.5E-20	3.4E-14
Pentachlorobiphenyl	2.6E-16	5.6E-17	7.9E-17	4.8E-17	1.3E-16	4.5E-13	1.0E-12	5.6E-14	5.6E-14	6.9E-19	4.3E-18	1.6E-12
Tetrachlorobiphenyl	5.4E-18	4.1E-19	5.7E-19	3.4E-19	9.6E-19	2.6E-14	6.0E-14	3.2E-15	3.2E-15	9.1E-21	5.6E-20	9.2E-14
Trichlorobiphenyl	7.1E-18	4.9E-19	6.8E-19	4.1E-19	1.2E-18	3.3E-14	7.6E-14	4.1E-15	4.1E-15	1.1E-20	6.8E-20	1.2E-13
Pesticides												
Chlordecone (Kepone)		5.4E-07		6.4E-07						1.4E-11		1.2E-06
DDE				3.0E-09	4.0E-09					2.7E-11	1.7E-10	7.2E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene							2.8E-08					2.8E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	2.1E-20						7.2E-13	1.7E-12	8.9E-14	8.9E-14		2.5E-12
2,4-Dimethylphenol												

Table H-511 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.9E-16	4.0E-15	5.6E-15	4.8E-15	1.3E-14	2.0E-11	4.5E-11	2.4E-12	2.4E-12	4.0E-20	2.5E-19	7.0E-11
Butyl benzyl phthalate	1.4E-17	2.6E-19	3.7E-19	3.1E-19	8.8E-19							1.6E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	2.3E-17					4.2E-11	9.7E-11	5.2E-12	5.2E-12			1.5E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	3.0E-21					4.3E-14	9.9E-14	5.4E-15	5.4E-15			1.5E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.4E-18											1.4E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	3.2E-20					1.8E-12	4.1E-12	2.2E-13	2.2E-13			6.3E-12
1,2-Dichloroethane	4.5E-20					3.1E-12	7.1E-12	1.1E-09	1.1E-09			2.2E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-511 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	4.7E-18					2.8E-08	6.7E-10	3.2E-09	3.2E-09			3.5E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	8.3E-22					1.5E-13	3.5E-13	1.9E-14	1.9E-14			5.4E-13
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	4.0E-22					3.8E-08	1.3E-13	4.0E-09	4.0E-09			4.6E-08
Chlorobenzene												
Chlorodibromomethane	6.6E-20											6.6E-20
Chloroethane												
Chloroform	3.7E-21					2.1E-08	4.5E-12	2.4E-09	2.4E-09			2.6E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	7.0E-19					2.9E-09	4.8E-11	2.6E-12	2.6E-12			3.0E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	2.2E-21					7.7E-15	1.8E-14	9.7E-16	9.7E-16			2.8E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.9E-23					1.3E-15	3.1E-15	1.7E-16	1.7E-16			4.8E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.3E-23					1.3E-15	2.9E-15	1.6E-16	1.6E-16			4.5E-15
Trichlorofluoromethane												

Table H-511 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.5E-20					9.3E-13	2.2E-12	1.2E-13	1.2E-13			3.3E-12
Grand Total	1.3E-12	5.8E-07	5.7E-08	7.1E-07	1.4E-07	1.9E-06	1.5E-05	1.1E-08	1.1E-08	8.6E-10	4.4E-09	1.8E-05

Table H-512 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					3.3E-01	2.7E+00	7.9E-06	7.9E-06			3.1E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.0E-02	1.9E-02					1.0E-04	4.1E-04	3.0E-02
Antimony	3.9E-14			9.4E-04	4.2E-04							1.4E-03

Table H-512 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	1.2E-03	6.1E-04	2.8E-03	2.9E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	4.6E-06	1.0E-05	7.7E-03
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt				8.8E-02	2.1E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.2E-04	1.1E-03	3.1E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				3.2E-02	6.2E-02							9.4E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.1E-02	6.8E-02	7.9E-02
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.8E-02	6.6E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.0E-04	1.6E-03	9.6E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-512 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
Chlordecone (Kepone)		4.2E-03		5.0E-03								9.2E-03
DDE												
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.1E-02						1.1E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-512 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.7E-03						1.7E-03
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	9.1E-07	1.4E-04	1.4E-04			2.9E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07

Table H-512 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					2.8E-03	6.7E-05	3.2E-04	3.2E-04			3.5E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.5E-03	5.0E-09	1.5E-04	1.5E-04			1.8E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					2.2E-04	4.6E-08	2.4E-05	2.4E-05			2.7E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					2.7E-05	4.5E-07	2.4E-08	2.4E-08			2.8E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					3.6E-09	8.4E-09	4.5E-10	4.5E-10			1.3E-08
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-512 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	4.8E-09	5.4E-03	6.1E-04	1.7E-01	3.6E-01	3.5E-01	2.8E+00	1.0E-03	1.0E-03	1.2E-02	7.1E-02	3.7E+00

Table H-513 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.4E-10	4.9E-09	1.7E-11	1.6E-09			6.7E-09
Formaldehyde						1.8E-06	1.1E-08	4.3E-11	3.8E-09			1.8E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	5.1E-17	4.2E-14	7.8E-13	1.6E-13	6.2E-12	1.4E-11	5.5E-10	1.7E-12	1.8E-10	2.4E-18	1.9E-16	7.6E-10
1,2,3,4,6,7,8-HpCDF	5.0E-17	4.2E-14	7.9E-13	1.7E-13	6.2E-12	1.4E-11	5.5E-10	1.7E-12	1.8E-10	2.4E-18	2.0E-16	7.6E-10
1,2,3,4,7,8,9-HpCDF	8.1E-18	4.9E-15	9.5E-14	1.9E-14	7.5E-13	1.8E-12	7.2E-11	2.2E-13	2.4E-11	2.7E-19	2.4E-17	9.9E-11
1,2,3,4,7,8-HxCDD	6.1E-16	4.8E-14	9.2E-13	1.9E-13	7.2E-12	1.7E-11	6.7E-10	2.1E-12	2.2E-10	2.7E-18	2.3E-16	9.2E-10
1,2,3,4,7,8-HxCDF	4.2E-15	3.8E-13	7.3E-12	1.5E-12	5.7E-11	1.3E-10	5.4E-09	1.7E-11	1.8E-09	2.1E-17	1.8E-15	7.5E-09
1,2,3,6,7,8-HxCDD	1.2E-15	9.7E-14	1.9E-12	3.8E-13	1.5E-11	3.5E-11	1.4E-09	4.4E-12	4.7E-10	5.5E-18	4.7E-16	1.9E-09
1,2,3,6,7,8-HxCDF	1.6E-15	1.2E-13	2.4E-12	4.9E-13	1.9E-11	4.4E-11	1.8E-09	5.5E-12	5.9E-10	7.0E-18	6.0E-16	2.4E-09
1,2,3,7,8,9-HxCDD	1.7E-15	1.5E-13	3.0E-12	6.0E-13	2.3E-11	5.3E-11	2.1E-09	6.6E-12	7.1E-10	8.6E-18	7.3E-16	2.9E-09
1,2,3,7,8,9-HxCDF	1.3E-16	8.8E-15	1.7E-13	3.5E-14	1.4E-12	3.4E-12	1.4E-10	4.2E-13	4.6E-11	5.0E-19	4.3E-17	1.9E-10
1,2,3,7,8-PeCDD	3.8E-14	5.4E-13	1.1E-11	2.1E-12	8.3E-11	2.1E-10	8.6E-09	2.6E-11	2.9E-09	3.0E-17	2.6E-15	1.2E-08
1,2,3,7,8-PeCDF	2.7E-15	3.2E-14	6.2E-13	1.2E-13	4.9E-12	1.5E-11	6.1E-10	1.9E-12	2.0E-10	1.8E-18	1.5E-16	8.4E-10
2,3,4,6,7,8-HxCDF	2.3E-15	1.9E-13	3.6E-12	7.6E-13	2.9E-11	6.8E-11	2.7E-09	8.5E-12	9.0E-10	1.1E-17	9.1E-16	3.7E-09
2,3,4,7,8-PeCDF	4.2E-14	7.6E-13	1.5E-11	3.0E-12	1.2E-10	3.4E-10	1.4E-08	4.2E-11	4.6E-09	4.3E-17	3.7E-15	1.9E-08
2,3,7,8-TCDD	1.3E-14	1.1E-13	1.6E-12	4.4E-13	1.3E-11	8.4E-11	2.8E-09	1.1E-11	9.4E-10	4.3E-15	2.8E-13	3.9E-09
2,3,7,8-TCDF	4.4E-15	2.0E-14	4.0E-13	7.9E-14	3.2E-12	3.1E-11	1.3E-09	3.9E-12	4.3E-10	1.1E-18	1.0E-16	1.7E-09
OCDD	6.8E-21	2.8E-16	5.2E-15	1.1E-15	4.1E-14	9.2E-14	3.6E-12	1.1E-14	1.2E-12	1.6E-20	1.3E-18	5.0E-12
OCDF	2.5E-21	1.1E-16	2.0E-15	4.3E-16	1.5E-14	3.4E-14	1.3E-12	4.3E-15	4.5E-13	6.2E-21	4.9E-19	1.8E-12
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-513 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	5.2E-17	2.3E-08	3.1E-18	5.4E-08	1.5E-17	1.1E-10	3.9E-09	1.4E-11	1.3E-09	1.3E-11	7.6E-21	8.3E-08
Barium												
Beryllium						4.4E-12	1.5E-10	5.5E-13	5.0E-11	5.3E-21	4.4E-19	2.0E-10
Cadmium						5.8E-11	2.0E-09	7.3E-12	6.8E-10	3.1E-21	2.6E-19	2.8E-09
Chromium												
Cobalt						3.8E-09	6.9E-08	4.7E-10	2.3E-08	5.0E-10	2.3E-13	9.7E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.9E-11	1.3E-09	4.8E-12	4.4E-10	3.0E-10	1.9E-19	2.1E-09
Phosphorus												
Selenium												
Silver												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.0E-19	6.0E-18	2.7E-19	1.1E-17							1.8E-17
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.9E-13	6.9E-10	1.1E-12	6.3E-10	2.1E-12	1.4E-11	6.1E-10	1.8E-12	2.0E-10	1.4E-12	1.0E-14	2.2E-09
Benzo(a)pyrene	9.5E-13	8.1E-09	5.0E-12	7.4E-09	9.0E-12	5.5E-11	2.3E-09	6.9E-12	7.7E-10	5.4E-14	1.5E-16	1.9E-08
Benzo(b)fluoranthene	2.6E-14	1.5E-09	2.7E-14	1.3E-09	4.8E-14	6.2E-12	2.5E-10	7.7E-13	8.3E-11	9.8E-15	7.9E-19	3.1E-09
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-513 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Outdoor Vapors at CJ	Inhalation of Outdoor Vapors at Home	Grand Total
Benzo(k)fluoranthene	1.9E-17	1.1E-10	1.3E-15	1.0E-10	2.4E-15	5.5E-14	9.8E-13	6.9E-15	3.3E-13	7.4E-15	3.9E-19	2.1E-10
Biphenyl				1.1E-18	4.8E-17							4.9E-17
Chrysene	3.3E-16	8.5E-12	1.3E-14	7.8E-12	2.4E-14	2.4E-12	1.0E-10	3.0E-13	3.3E-11	5.7E-16	3.9E-18	1.5E-10
Dibenze(a,h)anthracene	4.7E-14	8.3E-14	1.6E-12	7.5E-14	3.0E-12	9.5E-12	3.9E-10	1.2E-12	1.3E-10	6.0E-19	5.3E-17	5.4E-10
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.2E-14	3.5E-10	4.7E-13	3.2E-10	8.6E-13	2.9E-12	1.2E-10	3.6E-13	4.0E-11	2.4E-15	1.4E-17	8.4E-10
Napthalene						2.2E-10	9.0E-09	2.7E-11	3.0E-09			1.2E-08
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.8E-17	1.1E-18	2.1E-17	9.0E-19	3.6E-17	8.0E-14	3.3E-12	9.9E-15	1.1E-12	2.4E-20	2.1E-18	4.4E-12
Heptachlorobiphenyl	2.0E-17	3.5E-18	6.7E-17	2.9E-18	1.1E-16	3.1E-14	1.3E-12	3.9E-15	4.2E-13	4.2E-20	3.6E-18	1.7E-12
Hexachlorobiphenyl	7.9E-17	1.6E-17	2.8E-16	1.3E-17	4.8E-16	1.3E-13	5.1E-12	1.6E-14	1.7E-12	1.9E-19	1.5E-17	6.9E-12
Monochlorobiphenyl	1.3E-16	7.4E-18	1.5E-16	6.2E-18	2.5E-16	5.5E-13	2.3E-11	6.9E-14	7.6E-12	1.7E-19	1.5E-17	3.1E-11
Nonachlorobiphenyl	2.4E-18	6.1E-19	9.5E-18	5.2E-19	1.6E-17	4.4E-15	1.6E-13	5.5E-16	5.2E-14	7.5E-21	5.1E-19	2.1E-13
Octachlorobiphenyl	5.8E-18	1.1E-18	2.0E-17	9.5E-19	3.5E-17	9.5E-15	3.7E-13	1.2E-15	1.2E-13	1.4E-20	1.1E-18	5.1E-13
Pentachlorobiphenyl	2.6E-16	5.6E-17	9.6E-16	4.8E-17	1.6E-15	4.5E-13	1.7E-11	5.6E-14	5.6E-12	6.9E-19	5.2E-17	2.3E-11
Tetrachlorobiphenyl	5.4E-18	4.1E-19	6.8E-18	3.4E-19	1.2E-17	2.6E-14	9.7E-13	3.2E-15	3.2E-13	9.1E-21	6.8E-19	1.3E-12
Trichlorobiphenyl	7.1E-18	4.9E-19	8.7E-18	4.1E-19	1.5E-17	3.3E-14	1.3E-12	4.1E-15	4.2E-13	1.1E-20	8.6E-19	1.7E-12
Pesticides												
Chlordecone (Kepone)		5.4E-07		6.4E-07						1.4E-11		1.2E-06
DDE				3.0E-09						2.7E-11		3.0E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene						2.8E-08						2.8E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	2.1E-20					7.2E-13	3.2E-11	8.9E-14	1.1E-11			4.4E-11
2,4-Dimethylphenol												

Table H-513 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.9E-16	4.0E-15	7.2E-14	4.8E-15	1.7E-13	2.0E-11	7.6E-10	2.4E-12	2.5E-10	4.0E-20	3.2E-18	1.0E-09
Butyl benzyl phthalate	1.4E-17	2.6E-19	5.4E-18	3.1E-19	1.3E-17							3.3E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	2.3E-17					4.2E-11	7.5E-10	5.2E-12	2.5E-10			1.0E-09
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	3.0E-21					4.3E-14	1.4E-12	5.4E-15	4.8E-13			2.0E-12
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.4E-18											1.4E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	3.2E-20					1.8E-12	3.2E-11	2.2E-13	1.1E-11			4.4E-11
1,2-Dichloroethane	4.5E-20					3.1E-12	1.2E-10	1.1E-09	3.9E-11			1.3E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-513 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	4.7E-18					2.8E-08	1.1E-08	3.2E-09	3.8E-09			4.7E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	8.3E-22					1.5E-13	2.7E-12	1.9E-14	9.0E-13			3.8E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	4.0E-22					3.8E-08	1.0E-12	4.0E-09	3.3E-13			4.2E-08
Chlorobenzene												
Chlorodibromomethane	6.6E-20											6.6E-20
Chloroethane												
Chloroform	3.7E-21					2.1E-08	3.8E-11	2.4E-09	1.3E-11			2.4E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	7.0E-19					2.9E-09	7.9E-10	2.6E-12	2.6E-10			4.0E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	2.2E-21					7.7E-15	2.8E-13	9.7E-16	9.5E-14			3.9E-13
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.9E-23					1.3E-15	4.7E-14	1.7E-16	1.6E-14			6.4E-14
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.3E-23					1.3E-15	2.3E-14	1.6E-16	7.6E-15			3.2E-14
Trichlorofluoromethane												

Table H-513 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.5E-20					9.3E-13	2.3E-11	1.2E-13	7.6E-12			3.1E-11
Grand Total	1.3E-12	5.8E-07	5.7E-11	7.1E-07	4.0E-10	1.9E-06	1.6E-07	1.1E-08	5.4E-08	8.6E-10	5.3E-13	3.4E-06

Table H-514 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	1.5E-03	5.2E-06	5.0E-04			2.0E-03
Aldehydes												
Acetaldehyde						1.6E-04	5.8E-03	2.0E-05	1.9E-03			7.9E-03
Formaldehyde	2.3E-12					3.3E-01	2.1E-03	7.9E-06	6.9E-04			3.3E-01
Propionaldehyde						2.0E-05	7.2E-04	2.5E-06	2.4E-04	2.1E-12	1.5E-10	9.8E-04
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.5E-07	2.0E-07	5.9E-06	1.3E-06	4.3E-05	1.6E-07	1.4E-05	1.2E-10	7.8E-09	6.6E-05
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	7.7E-03	2.5E-05	2.6E-03			1.1E-02
Metals												
Aluminum				1.0E-02						1.0E-04		1.0E-02
Antimony	3.9E-14			9.4E-04								9.4E-04

Table H-514 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	1.2E-03	1.6E-13	2.8E-03	7.6E-13	4.0E-05	1.4E-03	4.9E-06	4.7E-04	4.6E-06	2.7E-15	5.9E-03
Barium	1.2E-11			1.6E-08	5.4E-07	2.5E-04	6.8E-03	3.1E-05	2.3E-03	3.1E-10	2.3E-08	9.3E-03
Beryllium	1.7E-14			5.2E-13	2.0E-11	2.1E-06	7.3E-05	2.7E-07	2.4E-05	2.6E-15	2.1E-13	9.9E-05
Cadmium	8.3E-12			8.2E-13	3.1E-11	7.6E-05	2.6E-03	9.5E-06	8.8E-04	4.0E-15	3.4E-13	3.6E-03
Chromium	1.7E-15			5.5E-11	2.2E-09							2.2E-09
Cobalt				8.8E-02	3.3E-05	1.6E-03	3.0E-02	2.0E-04	9.9E-03	2.2E-04	1.8E-07	1.3E-01
Copper				8.4E-09	3.2E-07							3.3E-07
Iron				3.2E-02								3.2E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.5E-09	7.8E-08	2.8E-06	9.8E-09	9.2E-07	5.6E-15	3.8E-13	3.8E-06
Mercury, elemental						3.3E-10	1.2E-08	4.1E-11	3.8E-09	1.1E-02		1.1E-02
Methyl Mercury	8.7E-11			2.0E-11	7.9E-10							8.9E-10
Nickel	1.7E-13			2.8E-02	7.8E-12	3.9E-05	1.3E-03	4.8E-06	4.4E-04	3.0E-04	1.9E-13	3.0E-02
Phosphorus				3.7E-10	1.4E-08							1.4E-08
Selenium	5.5E-14			8.1E-15	3.1E-13	8.7E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-20	8.4E-18	4.2E-07
Silver	4.2E-14			1.7E-10	6.2E-09							6.4E-09
Titanium												
Zinc	1.4E-11			6.1E-13	2.2E-11							3.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	6.9E-14	3.1E-15	1.3E-13							2.0E-13
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	1.2E-12	5.2E-14	2.1E-12							3.4E-12
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-514 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	2.8E-13	2.8E-04	1.2E-02	3.5E-05	3.9E-03	4.9E-12	4.5E-10	1.6E-02
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	3.4E-11	1.5E-12	6.3E-11							1.1E-10
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	2.1E-03	6.2E-06	6.9E-04			2.8E-03
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.7E-10	7.6E-12	3.1E-10							5.1E-10
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.8E-10	7.8E-12	3.1E-10							6.0E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	7.2E-11	3.2E-12	1.2E-10	9.8E-10	3.9E-08	1.2E-10	1.3E-08	2.5E-15	2.1E-13	5.4E-08
Hexachlorobiphenyl	4.6E-11	1.7E-11	3.0E-10	1.4E-11	5.1E-10	4.1E-06	1.6E-04	5.1E-07	5.3E-05	1.1E-11	8.8E-10	2.2E-04
Monochlorobiphenyl	6.1E-10	6.4E-11	1.3E-09	5.4E-11	2.2E-09							4.2E-09
Nonachlorobiphenyl	1.4E-12	6.6E-13	1.0E-11	5.6E-13	1.7E-11							3.0E-11
Octachlorobiphenyl	3.4E-12	1.2E-12	2.2E-11	1.0E-12	3.7E-11							6.5E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	1.0E-09	5.1E-11	1.8E-09	4.6E-05	1.7E-03	5.7E-06	5.7E-04	1.3E-10	9.9E-09	2.3E-03
Tetrachlorobiphenyl	2.6E-11	3.5E-12	6.0E-11	3.0E-12	1.0E-10	2.3E-07	8.7E-06	2.9E-08	2.9E-06	1.5E-13	1.1E-11	1.2E-05
Trichlorobiphenyl	3.4E-11	4.3E-12	7.6E-11	3.6E-12	1.3E-10							2.5E-10
Pesticides												
Chlordecone (Kepone)		4.2E-03		5.0E-03								9.2E-03
DDE												
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	4.3E-06	1.7E-08	1.4E-06			5.9E-06
1,2-dichlorobenzene	3.1E-17					5.4E-10	9.7E-09	6.8E-11	3.2E-09			1.4E-08
1,3-Butadiene						1.1E-02						1.1E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	8.5E-08	2.4E-10	2.8E-08			1.2E-07
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-514 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	3.9E-06	1.2E-08	1.3E-06			5.3E-06
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	6.0E-09	4.0E-10	1.4E-08							2.1E-08
Butyl benzyl phthalate	8.8E-13	1.6E-14	3.3E-13	1.9E-14	7.9E-13							2.0E-12
Carbazole												
Dibenzofuran		1.4E-13	2.9E-12	5.7E-13	2.3E-11							2.6E-11
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	6.7E-13	3.9E-14	1.6E-12							1.9E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	8.7E-12	1.1E-12	2.1E-11							3.1E-11
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.7E-03						1.7E-03
Phenol	4.9E-13					1.5E-06	6.2E-05	1.9E-07	2.1E-05			8.5E-05
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	1.0E-09	3.3E-12	3.3E-10			1.4E-09
1,1-Dichloroethene	1.2E-19					1.3E-10	2.3E-09	1.6E-11	7.7E-10			3.2E-09
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	6.4E-06	4.5E-08	2.1E-06			9.0E-06
1,2,4-Trimethylbenzene						8.9E-07	2.8E-05	1.1E-07	9.4E-06			3.9E-05
1,2-Dibromoethane	4.1E-17					7.7E-09	1.4E-07	9.6E-10	4.6E-08			1.9E-07
1,2-Dichloroethane	1.9E-15					4.0E-07	1.5E-05	1.4E-04	5.0E-06			1.6E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	2.6E-07	8.3E-10	8.7E-08			3.6E-07
2-Chlorotoluene												
2-Hexanone						2.3E-07	8.2E-06	2.8E-08	2.7E-06			1.1E-05

Table H-514 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					2.8E-03	1.1E-03	3.2E-04	3.8E-04			4.7E-03
Bromobenzene						6.2E-07	1.1E-05	7.8E-08	3.7E-06			1.5E-05
Bromochloromethane						2.2E-09	3.9E-08	2.8E-10	1.3E-08			5.5E-08
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	2.3E-05	9.5E-08	7.6E-06			3.1E-05
Carbon disulfide	1.3E-17					4.8E-09	1.4E-07	6.0E-10	4.7E-08			1.9E-07
Carbon tetrachloride	3.4E-17					1.5E-03	3.9E-08	1.5E-04	1.3E-08			1.6E-03
Chlorobenzene	2.3E-15					9.6E-08	3.4E-06	1.2E-08	1.1E-06			4.7E-06
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	3.2E-08	1.1E-10	1.1E-08			4.3E-08
Chloroform	2.8E-16					2.2E-04	3.9E-07	2.4E-05	1.3E-07			2.5E-04
Chloromethane						3.4E-07	1.0E-05	4.3E-08	3.5E-06			1.4E-05
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	9.1E-07	6.4E-09	3.0E-07			1.3E-06
Dichlorodifluoromethane	2.4E-20					2.5E-09	4.4E-08	3.1E-10	1.5E-08			6.2E-08
Ethylbenzene	1.5E-14					2.7E-05	7.4E-06	2.4E-08	2.5E-06			3.7E-05
Isopropylbenzene	2.0E-17					3.9E-08	1.3E-06	4.9E-09	4.5E-07			1.8E-06
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.1E-09	1.5E-11	7.1E-10			3.0E-09
Methylene chloride	4.3E-15					3.0E-08	1.1E-06	3.8E-09	3.7E-07			1.5E-06
n-Butylbenzene												
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07			4.2E-07
o-Xylene	1.4E-15					2.3E-07	7.6E-06	2.9E-08	2.5E-06			1.0E-05
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.9E-05	6.4E-08	6.2E-06			2.5E-05
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	1.1E-07	3.8E-10	3.5E-08			1.4E-07
Toluene	2.0E-14					6.3E-08	2.5E-06	7.9E-09	8.3E-07			3.4E-06
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					3.6E-09	6.5E-08	4.5E-10	2.2E-08			9.0E-08
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-514 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					5.0E-08	1.2E-06	6.2E-09	4.0E-07			1.7E-06
Grand Total	4.8E-09	5.4E-03	7.6E-07	1.7E-01	4.0E-05	3.5E-01	7.7E-02	1.0E-03	2.6E-02	1.2E-02	2.2E-07	6.3E-01

Table H-515 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			4.5E-09	5.6E-10		5.0E-09
Formaldehyde			1.0E-08	1.2E-09		1.1E-08
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	1.2E-12	4.9E-12	5.3E-10	6.6E-11	7.0E-17	6.0E-10
1,2,3,4,6,7,8-HpCDF	1.2E-12	4.9E-12	5.3E-10	6.6E-11	7.0E-17	6.0E-10
1,2,3,4,7,8,9-HpCDF	1.5E-13	6.0E-13	6.9E-11	8.7E-12	8.6E-18	7.9E-11
1,2,3,4,7,8-HxCDD	1.5E-12	5.8E-12	6.4E-10	8.0E-11	8.3E-17	7.3E-10
1,2,3,4,7,8-HxCDF	1.2E-11	4.6E-11	5.2E-09	6.5E-10	6.6E-16	5.9E-09
1,2,3,6,7,8-HxCDD	3.0E-12	1.2E-11	1.4E-09	1.7E-10	1.7E-16	1.5E-09
1,2,3,6,7,8-HxCDF	3.9E-12	1.5E-11	1.7E-09	2.1E-10	2.2E-16	1.9E-09
1,2,3,7,8,9-HxCDD	4.7E-12	1.9E-11	2.1E-09	2.6E-10	2.7E-16	2.3E-09
1,2,3,7,8,9-HxCDF	2.8E-13	1.1E-12	1.3E-10	1.7E-11	1.6E-17	1.5E-10
1,2,3,7,8-PeCDD	1.7E-11	6.7E-11	8.3E-09	1.0E-09	9.5E-16	9.4E-09

Table H-515 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	1.0E-12	3.9E-12	5.9E-10	7.4E-11	5.7E-17	6.7E-10
2,3,4,6,7,8-HxCDF	5.8E-12	2.3E-11	2.6E-09	3.2E-10	3.3E-16	2.9E-09
2,3,4,7,8-PeCDF	2.4E-11	9.4E-11	1.3E-08	1.7E-09	1.4E-15	1.5E-08
2,3,7,8-TCDD	2.2E-12	8.7E-12	2.5E-09	3.1E-10	8.6E-14	2.8E-09
2,3,7,8-TCDF	6.5E-13	2.6E-12	1.2E-09	1.5E-10	3.7E-17	1.4E-09
OCDD	8.2E-15	3.2E-14	3.4E-12	4.3E-13	4.6E-19	3.9E-12
OCDF	3.0E-15	1.2E-14	1.3E-12	1.6E-13	1.7E-19	1.4E-12
HCN						
Hydrogen cyanide						
Metals						
Antimony						
Arsenic	3.8E-18	9.0E-18	3.5E-09	4.4E-10	2.1E-21	4.0E-09
Barium						
Beryllium			1.3E-10	1.7E-11	1.2E-19	1.5E-10
Cadmium			1.8E-09	2.3E-10	7.2E-20	2.1E-09
Chromium						
Cobalt			3.7E-08	4.6E-09	4.3E-14	4.1E-08
Copper						
Lead						
Manganese						
Mercury (+2)						
Mercury, elemental						
Methyl Mercury						

Table H-515 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Nickel			1.2E-09	1.5E-10	5.1E-20	1.4E-09
Phosphorus						
Selenium						
Silver						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	9.9E-18	9.0E-18				1.9E-17
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	1.9E-12	1.8E-12	6.0E-10	7.5E-11	4.0E-15	6.8E-10
Benzo(a)pyrene	8.2E-12	7.4E-12	2.3E-09	2.8E-10	5.5E-17	2.6E-09
Benzo(b)fluoranthene	4.2E-14	3.9E-14	2.4E-10	3.0E-11	2.9E-19	2.7E-10
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	1.1E-15	1.0E-15	4.7E-13	5.9E-14	7.7E-20	5.3E-13

Table H-515 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Biphenyl		4.0E-17				4.0E-17
Chrysene	2.1E-14	1.9E-14	9.7E-11	1.2E-11	1.4E-18	1.1E-10
Dibenze(a,h)anthracene	2.7E-12	2.4E-12	3.8E-10	4.7E-11	2.0E-17	4.3E-10
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	7.7E-13	7.0E-13	1.2E-10	1.4E-11	5.2E-18	1.3E-10
Napthalene			8.8E-09	1.1E-09		9.9E-09
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	3.4E-17	2.9E-17	3.1E-12	3.9E-13	7.7E-19	3.5E-12
Heptachlorobiphenyl	1.1E-16	9.1E-17	1.2E-12	1.5E-13	1.3E-18	1.4E-12
Hexachlorobiphenyl	4.4E-16	3.7E-16	4.8E-12	6.0E-13	5.3E-18	5.4E-12
Monochlorobiphenyl	2.4E-16	2.0E-16	2.2E-11	2.8E-12	5.4E-18	2.5E-11
Nonachlorobiphenyl	1.4E-17	1.2E-17	1.4E-13	1.8E-14	1.7E-19	1.6E-13
Octachlorobiphenyl	3.2E-17	2.7E-17	3.5E-13	4.4E-14	3.9E-19	4.0E-13
Pentachlorobiphenyl	1.5E-15	1.2E-15	1.6E-11	2.0E-12	1.8E-17	1.8E-11
Tetrachlorobiphenyl	1.0E-17	8.7E-18	9.0E-13	1.1E-13	2.3E-19	1.0E-12

Table H-515 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Trichlorobiphenyl	1.3E-17	1.1E-17	1.2E-12	1.5E-13	3.0E-19	1.3E-12
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-dichlorobenzene						
1,4-dichlorobenzene			3.2E-11	4.0E-12		3.6E-11
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	1.1E-13	1.3E-13	7.2E-10	9.0E-11	1.1E-18	8.1E-10
Butyl benzyl phthalate	8.9E-18	1.0E-17				1.9E-17
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			3.7E-10	4.6E-11		4.2E-10

Table H-515 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			1.3E-12	1.6E-13		1.4E-12
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			1.6E-11	2.0E-12		1.8E-11
1,2-Dichloroethane			1.1E-10	1.4E-11		1.2E-10
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						
2-Chlorotoluene						
2-Hexanone						
Benzene			1.1E-08	1.4E-09		1.2E-08
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			1.3E-12	1.7E-13		1.5E-12
Bromomethane						

Table H-515 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbon disulfide						
Carbon tetrachloride			5.0E-13	6.2E-14		5.6E-13
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			2.1E-11	2.7E-12		2.4E-11
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			7.4E-10	9.3E-11		8.3E-10
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			2.6E-13	3.3E-14		3.0E-13
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						

Table H-515 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
tert-Butylbenzene						
Tetrachloroethene			4.2E-14	5.3E-15		4.8E-14
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			1.1E-14	1.4E-15		1.3E-14
Trichlorofluoromethane						
Vinyl chloride			1.6E-11	2.0E-12		1.8E-11
Grand Total	9.2E-11	3.2E-10	1.2E-07	1.5E-08	1.4E-13	1.4E-07

Table H-516 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			1.4E-03	1.7E-04		1.5E-03
Aldehydes						
Acetaldehyde			5.3E-03	6.6E-04		5.9E-03
Formaldehyde			1.8E-03	2.3E-04		2.1E-03
Propionaldehyde			6.6E-04	8.2E-05	4.9E-11	7.4E-04
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-516 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	1.0E-06	4.1E-06	3.8E-05	4.8E-06	2.4E-09	4.8E-05
2,3,7,8-TCDF						
OCDD						
OCDF						
HCN						
Hydrogen cyanide			7.3E-03	9.1E-04		8.2E-03
Metals						
Antimony						
Arsenic	2.0E-13	4.6E-13	1.3E-03	1.6E-04	7.6E-16	1.4E-03
Barium		2.7E-07	5.3E-03	6.6E-04	5.2E-09	6.0E-03
Beryllium		1.2E-11	6.5E-05	8.1E-06	5.7E-14	7.3E-05
Cadmium		1.9E-11	2.4E-03	3.0E-04	9.3E-14	2.7E-03
Chromium		1.3E-09				1.3E-09
Cobalt		1.3E-05	1.6E-02	2.0E-03	3.3E-08	1.8E-02
Copper		1.9E-07				1.9E-07
Lead						
Manganese						
Mercury (+2)		2.5E-09	2.5E-06	3.1E-07	1.2E-13	2.8E-06
Mercury, elemental			1.0E-08	1.3E-09		1.2E-08
Methyl Mercury		4.8E-10				4.8E-10

Table H-516 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Nickel		4.6E-12	1.2E-03	1.5E-04	5.1E-14	1.3E-03
Phosphorus		7.9E-09				7.9E-09
Selenium		1.9E-13	2.8E-07	3.4E-08	2.3E-18	3.1E-07
Silver		3.6E-09				3.6E-09
Titanium						
Zinc		1.1E-11				1.1E-11
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	1.1E-13	1.0E-13				2.2E-13
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	1.9E-12	1.8E-12				3.7E-12
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						

Table H-516 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Biphenyl		2.3E-13	1.1E-02	1.4E-03	1.7E-10	1.3E-02
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	5.6E-11	5.1E-11				1.1E-10
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene			2.0E-03	2.5E-04		2.3E-03
Perylene						
Phenanthrene						
Pyrene	2.8E-10	2.6E-10				5.4E-10
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	3.0E-10	2.5E-10				5.5E-10
Heptachlorobiphenyl	1.2E-10	9.8E-11	3.8E-08	4.7E-09	7.6E-14	4.3E-08
Hexachlorobiphenyl	4.7E-10	4.0E-10	1.5E-04	1.9E-05	3.1E-10	1.7E-04
Monochlorobiphenyl	2.1E-09	1.8E-09				3.8E-09
Nonachlorobiphenyl	1.5E-11	1.2E-11				2.7E-11
Octachlorobiphenyl	3.5E-11	2.9E-11				6.4E-11
Pentachlorobiphenyl	1.6E-09	1.3E-09	1.6E-03	2.0E-04	3.4E-09	1.8E-03
Tetrachlorobiphenyl	9.0E-11	7.6E-11	8.1E-06	1.0E-06	3.8E-12	9.1E-06

Table H-516 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Trichlorobiphenyl	1.2E-10	9.9E-11				2.2E-10
SVOCs						
1,2,4-trichlorobenzene			3.8E-06	4.7E-07		4.2E-06
1,2-dichlorobenzene			4.8E-09	6.0E-10		5.4E-09
1,3-dichlorobenzene						
1,4-dichlorobenzene			8.5E-08	1.1E-08		9.5E-08
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			3.8E-06	4.8E-07		4.3E-06
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	9.4E-09	1.1E-08				2.0E-08
Butyl benzyl phthalate	5.4E-13	6.4E-13				1.2E-12
Carbazole						
Dibenzofuran	4.6E-12	1.8E-11				2.3E-11
Dimethyl phthalate						
Di-n-butyl phthalate	1.1E-12	1.3E-12				2.4E-12
Di-n-octyl phthalate	7.7E-12	9.0E-12				1.7E-11
Hexachlorobutadiene						

Table H-516 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Phenol			6.0E-05	7.6E-06		6.8E-05
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			9.3E-10	1.2E-10		1.0E-09
1,1-Dichloroethene			1.2E-09	1.4E-10		1.3E-09
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.2E-06	4.0E-07		3.6E-06
1,2,4-Trimethylbenzene			2.4E-05	3.0E-06		2.7E-05
1,2-Dibromoethane			6.8E-08	8.5E-09		7.7E-08
1,2-Dichloroethane			1.4E-05	1.7E-06		1.6E-05
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone			2.5E-07	3.1E-08		2.8E-07
2-Chlorotoluene						
2-Hexanone			7.5E-06	9.4E-07		8.5E-06
Benzene			1.1E-03	1.3E-04		1.2E-03
Bromobenzene			5.5E-06	6.9E-07		6.2E-06
Bromochloromethane			2.0E-08	2.4E-09		2.2E-08
Bromodichloromethane						
Bromomethane			1.9E-05	2.4E-06		2.2E-05

Table H-516 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbon disulfide			1.1E-07	1.4E-08		1.3E-07
Carbon tetrachloride			1.9E-08	2.4E-09		2.2E-08
Chlorobenzene			3.1E-06	3.9E-07		3.5E-06
Chlorodibromomethane						
Chloroethane			2.9E-08	3.6E-09		3.2E-08
Chloroform			2.2E-07	2.8E-08		2.5E-07
Chloromethane			8.7E-06	1.1E-06		9.8E-06
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			4.5E-07	5.6E-08		5.1E-07
Dichlorodifluoromethane			2.2E-08	2.8E-09		2.5E-08
Ethylbenzene			6.9E-06	8.6E-07		7.8E-06
Isopropylbenzene			1.2E-06	1.5E-07		1.4E-06
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.1E-09	1.3E-10		1.2E-09
Methylene chloride			1.0E-06	1.3E-07		1.2E-06
n-Butylbenzene						
n-Propylbenzene			2.7E-07	3.4E-08		3.0E-07
o-Xylene			6.7E-06	8.4E-07		7.6E-06
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			1.7E-05	2.1E-06		1.9E-05

Table H-516 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
tert-Butylbenzene						
Tetrachloroethene			9.5E-08	1.2E-08		1.1E-07
Toluene			2.4E-06	2.9E-07		2.7E-06
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			3.2E-08	4.0E-09		3.6E-08
Trichlorofluoromethane						
Vinyl chloride			8.6E-07	1.1E-07		9.7E-07
Grand Total	1.0E-06	1.8E-05	5.9E-02	7.4E-03	4.5E-08	6.6E-02

Table H-517 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas							
Hydrogen Chloride							
Aldehydes							
Acetaldehyde				6.7E-09	2.2E-09		8.9E-09
Formaldehyde				1.5E-08	5.1E-09		2.1E-08
Propionaldehyde							
CO							
Carbon monoxide							
CO2							
Carbon dioxide							
Criteria							
Sulfur Dioxide							
DIOXINS							
1,2,3,4,6,7,8-HpCDD	5.1E-17	7.8E-13	6.2E-12	7.5E-10	2.5E-10	2.7E-16	1.0E-09
1,2,3,4,6,7,8-HpCDF	5.0E-17	7.9E-13	6.2E-12	7.5E-10	2.5E-10	2.7E-16	1.0E-09
1,2,3,4,7,8,9-HpCDF	8.1E-18	9.5E-14	7.5E-13	9.8E-11	3.3E-11	3.2E-17	1.3E-10
1,2,3,4,7,8-HxCDD	6.1E-16	9.2E-13	7.2E-12	9.1E-10	3.0E-10	3.1E-16	1.2E-09
1,2,3,4,7,8-HxCDF	4.2E-15	7.3E-12	5.7E-11	7.4E-09	2.5E-09	2.5E-15	1.0E-08
1,2,3,6,7,8-HxCDD	1.2E-15	1.9E-12	1.5E-11	1.9E-09	6.4E-10	6.4E-16	2.6E-09
1,2,3,6,7,8-HxCDF	1.6E-15	2.4E-12	1.9E-11	2.4E-09	8.1E-10	8.2E-16	3.3E-09
1,2,3,7,8,9-HxCDD	1.7E-15	3.0E-12	2.3E-11	2.9E-09	9.7E-10	1.0E-15	3.9E-09
1,2,3,7,8,9-HxCDF	1.3E-16	1.7E-13	1.4E-12	1.9E-10	6.2E-11	5.9E-17	2.5E-10
1,2,3,7,8-PeCDD	3.8E-14	1.1E-11	8.3E-11	1.2E-08	3.9E-09	3.6E-15	1.6E-08

Table H-517 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
1,2,3,7,8-PeCDF	2.7E-15	6.2E-13	4.9E-12	8.4E-10	2.8E-10	2.1E-16	1.1E-09
2,3,4,6,7,8-HxCDF	2.3E-15	3.6E-12	2.9E-11	3.7E-09	1.2E-09	1.2E-15	5.0E-09
2,3,4,7,8-PeCDF	4.2E-14	1.5E-11	1.2E-10	1.9E-08	6.2E-09	5.0E-15	2.5E-08
2,3,7,8-TCDD	1.3E-14	1.6E-12	1.3E-11	3.9E-09	1.3E-09	3.8E-13	5.2E-09
2,3,7,8-TCDF	4.4E-15	4.0E-13	3.2E-12	1.7E-09	5.8E-10	1.4E-16	2.3E-09
OCDD	6.8E-21	5.2E-15	4.1E-14	4.9E-12	1.6E-12	1.8E-18	6.6E-12
OCDF	2.5E-21	2.0E-15	1.5E-14	1.8E-12	6.1E-13	6.6E-19	2.5E-12
HCN							
Hydrogen cyanide							
Metals							
Antimony							
Arsenic	5.2E-17	3.1E-18	1.5E-17	5.3E-09	1.8E-09	1.0E-20	7.0E-09
Barium							
Beryllium				2.0E-10	6.8E-11	6.0E-19	2.7E-10
Cadmium				2.8E-09	9.3E-10	3.6E-19	3.7E-09
Chromium							
Cobalt				9.4E-08	3.1E-08	3.2E-13	1.3E-07
Copper							
Lead							
Manganese							
Mercury (+2)							
Mercury, elemental							
Methyl Mercury							

Table H-517 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Nickel				1.8E-09	6.1E-10	2.5E-19	2.4E-09
Phosphorus							
Selenium							
Silver							
Titanium							
Zinc							
NOx							
NOx (Oxides of Nitrogen)							
PAHs							
1-Methylnaphthalene		6.0E-18	1.1E-17				1.7E-17
1-Methylphenanthrene							
2,3,5-Trimethylnaphthalene							
2,6-Dimethylnaphthalene							
2-Methylnaphthalene							
Acenaphthylene							
Acenaphthene							
Anthracene							
Benzo(a)anthracene	1.9E-13	1.1E-12	2.1E-12	8.3E-10	2.8E-10	1.4E-14	1.1E-09
Benzo(a)pyrene	9.5E-13	5.0E-12	9.0E-12	3.2E-09	1.1E-09	2.0E-16	4.2E-09
Benzo(b)fluoranthene	2.6E-14	2.7E-14	4.8E-14	3.4E-10	1.1E-10	1.1E-18	4.5E-10
Benzo(e)pyrene							
Benzo(g,h,i)perylene							
Benzo(k)fluoranthene	1.9E-17	1.3E-15	2.4E-15	1.3E-12	4.5E-13	5.3E-19	1.8E-12

Table H-517 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Biphenyl			4.8E-17				4.8E-17
Chrysene	3.3E-16	1.3E-14	2.4E-14	1.4E-10	4.5E-11	5.3E-18	1.8E-10
Dibenze(a,h)anthracene	4.7E-14	1.6E-12	3.0E-12	5.4E-10	1.8E-10	7.2E-17	7.2E-10
Fluoranthene							
Fluorene							
Indeno(1,2,3-cd)pyrene	1.2E-14	4.7E-13	8.6E-13	1.6E-10	5.4E-11	1.9E-17	2.2E-10
Napthalene				1.2E-08	4.1E-09		1.6E-08
Perylene							
Phenanthrene							
Pyrene							
Particulate							
Particulate Total Suspended Particulate							
PM<10							
PM<2.5							
PCBs							
Dichlorobiphenyl	1.8E-17	2.1E-17	3.6E-17	4.4E-12	1.5E-12	2.8E-18	5.9E-12
Heptachlorobiphenyl	2.0E-17	6.7E-17	1.1E-16	1.7E-12	5.7E-13	4.9E-18	2.3E-12
Hexachlorobiphenyl	7.9E-17	2.8E-16	4.8E-16	6.9E-12	2.3E-12	2.1E-17	9.2E-12
Monochlorobiphenyl	1.3E-16	1.5E-16	2.5E-16	3.1E-11	1.0E-11	2.0E-17	4.1E-11
Nonachlorobiphenyl	2.4E-18	9.5E-18	1.6E-17	2.1E-13	7.1E-14	7.0E-19	2.8E-13
Octachlorobiphenyl	5.8E-18	2.0E-17	3.5E-17	5.1E-13	1.7E-13	1.5E-18	6.8E-13
Pentachlorobiphenyl	2.6E-16	9.6E-16	1.6E-15	2.3E-11	7.7E-12	7.1E-17	3.1E-11
Tetrachlorobiphenyl	5.4E-18	6.8E-18	1.2E-17	1.3E-12	4.4E-13	9.3E-19	1.8E-12

Table H-517 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Trichlorobiphenyl	7.1E-18	8.7E-18	1.5E-17	1.7E-12	5.8E-13	1.2E-18	2.3E-12
SVOCs							
1,2,4-trichlorobenzene							
1,2-dichlorobenzene							
1,3-dichlorobenzene							
1,4-dichlorobenzene	2.1E-20			4.4E-11	1.5E-11		5.8E-11
2,4-Dimethylphenol							
2-Chlorophenol							
2-Methylphenol							
2-Nitrophenol							
3-Methylphenol & 4-Methylphenol							
4-Nitrophenol							
Acetophenone							
Benzoic acid							
Benzyl alcohol							
bis(2-Ethylhexyl) phthalate	2.9E-16	7.2E-14	1.7E-13	1.0E-09	3.5E-10	4.3E-18	1.4E-09
Butyl benzyl phthalate	1.4E-17	5.4E-18	1.3E-17				3.2E-17
Carbazole							
Dibenzofuran							
Dimethyl phthalate							
Di-n-butyl phthalate							
Di-n-octyl phthalate							
Hexachlorobutadiene	2.3E-17			1.0E-09	3.4E-10		1.4E-09

Table H-517 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Phenol							
Pyridine							
TRS							
Total Reduced Sulfur							
VOCs							
1,1,1,2-Tetrachloroethane	3.0E-21			2.0E-12	6.6E-13		2.6E-12
1,1,1-Trichloroethane							
1,1-Dichloroethene							
1,2,3-Trichlorobenzene							
1,2,3-Trichloropropane	1.4E-18						1.4E-18
1,2,4-Trimethylbenzene							
1,2-Dibromoethane	3.2E-20			4.3E-11	1.4E-11		5.8E-11
1,2-Dichloroethane	4.5E-20			1.6E-10	5.3E-11		2.1E-10
1,3,5-Trimethylbenzene							
1,3-Dichloropropane							
2-Butanone							
2-Chlorotoluene							
2-Hexanone							
Benzene	4.7E-18			1.6E-08	5.2E-09		2.1E-08
Bromobenzene							
Bromochloromethane							
Bromodichloromethane	8.3E-22			3.7E-12	1.2E-12		4.9E-12
Bromomethane							

Table H-517 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Carbon disulfide							
Carbon tetrachloride	4.0E-22			1.4E-12	4.5E-13		1.8E-12
Chlorobenzene							
Chlorodibromomethane	6.6E-20						6.6E-20
Chloroethane							
Chloroform	3.7E-21			5.1E-11	1.7E-11		6.8E-11
Chloromethane							
cis-1,2-Dichloroethene							
cis-1,3-Dichloropropene							
Dibromomethane							
Dichlorodifluoromethane							
Ethylbenzene	7.0E-19			1.1E-09	3.6E-10		1.4E-09
Isopropylbenzene							
m&p-Xylene							
Methyl Isobutyl Ketone (4-methyl-2							
Methylene chloride	2.2E-21			3.9E-13	1.3E-13		5.2E-13
n-Butylbenzene							
n-Propylbenzene							
o-Xylene							
p-Chlorotoluene							
p-Isopropyltoluene							
sec-Butylbenzene							
Styrene							

Table H-517 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
tert-Butylbenzene							
Tetrachloroethene	5.9E-23			6.4E-14	2.1E-14		8.6E-14
Toluene							
trans-1,2-Dichloroethene							
trans-1,3-Dichloropropene							
Trichloroethene	1.3E-23			3.1E-14	1.0E-14		4.1E-14
Trichlorofluoromethane							
Vinyl chloride	1.5E-20			3.1E-11	1.0E-11		4.1E-11
Grand Total	1.3E-12	5.7E-11	4.0E-10	2.2E-07	7.4E-08	7.3E-13	2.9E-07

Table H-518 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas							
Hydrogen Chloride				2.0E-03	6.8E-04		2.7E-03
Aldehydes							
Acetaldehyde				7.9E-03	2.6E-03		1.0E-02
Formaldehyde	2.3E-12			2.8E-03	9.4E-04		3.8E-03
Propionaldehyde				9.8E-04	3.3E-04	2.0E-10	1.3E-03
CO							
Carbon monoxide							
CO2							
Carbon dioxide							
Criteria							
Sulfur Dioxide							
DIOXINS							
1,2,3,4,6,7,8-HpCDD							
1,2,3,4,6,7,8-HpCDF							
1,2,3,4,7,8,9-HpCDF							
1,2,3,4,7,8-HxCDD							
1,2,3,4,7,8-HxCDF							
1,2,3,6,7,8-HxCDD							
1,2,3,6,7,8-HxCDF							
1,2,3,7,8,9-HxCDD							
1,2,3,7,8,9-HxCDF							
1,2,3,7,8-PeCDD							

Table H-518 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
1,2,3,7,8-PeCDF							
2,3,4,6,7,8-HxCDF							
2,3,4,7,8-PeCDF							
2,3,7,8-TCDD	3.6E-09	7.5E-07	5.9E-06	5.9E-05	2.0E-05	1.1E-08	8.6E-05
2,3,7,8-TCDF							
OCDD							
OCDF							
HCN							
Hydrogen cyanide				1.1E-02	3.5E-03		1.4E-02
Metals							
Antimony	3.9E-14						3.9E-14
Arsenic	2.7E-12	1.6E-13	7.6E-13	1.9E-03	6.4E-04	3.7E-15	2.5E-03
Barium	1.2E-11		5.4E-07	9.2E-03	3.1E-03	3.2E-08	1.2E-02
Beryllium	1.7E-14		2.0E-11	9.9E-05	3.3E-05	2.9E-13	1.3E-04
Cadmium	8.3E-12		3.1E-11	3.6E-03	1.2E-03	4.6E-13	4.8E-03
Chromium	1.7E-15		2.2E-09				2.2E-09
Cobalt			3.3E-05	4.1E-02	1.4E-02	2.4E-07	5.4E-02
Copper			3.2E-07				3.2E-07
Lead							
Manganese							
Mercury (+2)			3.5E-09	3.8E-06	1.3E-06	5.2E-13	5.0E-06
Mercury, elemental				1.6E-08	5.2E-09		2.1E-08
Methyl Mercury	8.7E-11		7.9E-10				8.7E-10

Table H-518 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Nickel	1.7E-13		7.8E-12	1.8E-03	6.0E-04	2.5E-13	2.4E-03
Phosphorus			1.4E-08				1.4E-08
Selenium	5.5E-14		3.1E-13	4.2E-07	1.4E-07	1.1E-17	5.5E-07
Silver	4.2E-14		6.2E-09				6.2E-09
Titanium							
Zinc	1.4E-11		2.2E-11				3.5E-11
NOx							
NOx (Oxides of Nitrogen)							
PAHs							
1-Methylnaphthalene		6.9E-14	1.3E-13				2.0E-13
1-Methylphenanthrene							
2,3,5-Trimethylnaphthalene							
2,6-Dimethylnaphthalene							
2-Methylnaphthalene		1.2E-12	2.1E-12				3.3E-12
Acenaphthylene							
Acenaphthene	5.6E-14						5.6E-14
Anthracene	1.4E-13						1.4E-13
Benzo(a)anthracene							
Benzo(a)pyrene							
Benzo(b)fluoranthene							
Benzo(e)pyrene							
Benzo(g,h,i)perylene							
Benzo(k)fluoranthene							

Table H-518 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Biphenyl			2.8E-13	1.6E-02	5.3E-03	6.1E-10	2.1E-02
Chrysene							
Dibenze(a,h)anthracene							
Fluoranthene	7.0E-12	3.4E-11	6.3E-11				1.0E-10
Fluorene	1.5E-12						1.5E-12
Indeno(1,2,3-cd)pyrene							
Napthalene	1.4E-12			2.8E-03	9.4E-04		3.7E-03
Perylene							
Phenanthrene							
Pyrene	6.7E-12	1.7E-10	3.1E-10				4.9E-10
Particulate							
Particulate Total Suspended Particulate							
PM<10							
PM<2.5							
PCBs							
Dichlorobiphenyl	8.7E-11	1.8E-10	3.1E-10				5.8E-10
Heptachlorobiphenyl	1.1E-11	7.2E-11	1.2E-10	5.4E-08	1.8E-08	2.9E-13	7.2E-08
Hexachlorobiphenyl	4.6E-11	3.0E-10	5.1E-10	2.2E-04	7.2E-05	1.2E-09	2.9E-04
Monochlorobiphenyl	6.1E-10	1.3E-09	2.2E-09				4.1E-09
Nonachlorobiphenyl	1.4E-12	1.0E-11	1.7E-11				2.9E-11
Octachlorobiphenyl	3.4E-12	2.2E-11	3.7E-11				6.3E-11
Pentachlorobiphenyl	1.5E-10	1.0E-09	1.8E-09	2.4E-03	7.8E-04	1.3E-08	3.1E-03
Tetrachlorobiphenyl	2.6E-11	6.0E-11	1.0E-10	1.2E-05	4.0E-06	1.5E-11	1.6E-05

Table H-518 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Trichlorobiphenyl	3.4E-11	7.6E-11	1.3E-10				2.4E-10
SVOCs							
1,2,4-trichlorobenzene				5.9E-06	2.0E-06		7.9E-06
1,2-dichlorobenzene	3.1E-17			1.3E-08	4.4E-09		1.8E-08
1,3-dichlorobenzene							
1,4-dichlorobenzene	1.3E-15			1.2E-07	3.9E-08		1.5E-07
2,4-Dimethylphenol	1.3E-13						1.3E-13
2-Chlorophenol	2.6E-14						2.6E-14
2-Methylphenol	1.1E-12			5.3E-06	1.8E-06		7.1E-06
2-Nitrophenol							
3-Methylphenol & 4-Methylphenol							
4-Nitrophenol							
Acetophenone	3.9E-14						3.9E-14
Benzoic acid	4.0E-15						4.0E-15
Benzyl alcohol	9.8E-17						9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	6.0E-09	1.4E-08				2.0E-08
Butyl benzyl phthalate	8.8E-13	3.3E-13	7.9E-13				2.0E-12
Carbazole							
Dibenzofuran		2.9E-12	2.3E-11				2.5E-11
Dimethyl phthalate							
Di-n-butyl phthalate	1.7E-11	6.7E-13	1.6E-12				1.9E-11
Di-n-octyl phthalate	1.3E-15	8.7E-12	2.1E-11				2.9E-11
Hexachlorobutadiene	6.7E-12						6.7E-12

Table H-518 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
Phenol	4.9E-13			8.5E-05	2.8E-05		1.1E-04
Pyridine	7.7E-12						7.7E-12
TRS							
Total Reduced Sulfur							
VOCs							
1,1,1,2-Tetrachloroethane	9.0E-17						9.0E-17
1,1,1-Trichloroethane	8.8E-20			1.4E-09	4.5E-10		1.8E-09
1,1-Dichloroethene	1.2E-19			3.2E-09	1.1E-09		4.2E-09
1,2,3-Trichlorobenzene	2.3E-13						2.3E-13
1,2,3-Trichloropropane	2.7E-16			8.8E-06	2.9E-06		1.2E-05
1,2,4-Trimethylbenzene				3.9E-05	1.3E-05		5.1E-05
1,2-Dibromoethane	4.1E-17			1.9E-07	6.2E-08		2.5E-07
1,2-Dichloroethane	1.9E-15			2.0E-05	6.8E-06		2.7E-05
1,3,5-Trimethylbenzene	6.0E-15						6.0E-15
1,3-Dichloropropane							
2-Butanone	4.1E-15			3.6E-07	1.2E-07		4.8E-07
2-Chlorotoluene							
2-Hexanone				1.1E-05	3.7E-06		1.5E-05
Benzene	4.9E-13			1.5E-03	5.2E-04		2.1E-03
Bromobenzene				1.5E-05	5.0E-06		2.0E-05
Bromochloromethane				5.4E-08	1.8E-08		7.1E-08
Bromodichloromethane	1.6E-17						1.6E-17
Bromomethane	9.6E-16			3.1E-05	1.0E-05		4.2E-05

Table H-518 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
Carbon disulfide	1.3E-17			1.9E-07	6.4E-08		2.5E-07
Carbon tetrachloride	3.4E-17			5.3E-08	1.8E-08		7.1E-08
Chlorobenzene	2.3E-15			4.7E-06	1.6E-06		6.2E-06
Chlorodibromomethane	9.1E-16						9.1E-16
Chloroethane				4.3E-08	1.4E-08		5.8E-08
Chloroform	2.8E-16			5.3E-07	1.8E-07		7.1E-07
Chloromethane				1.4E-05	4.7E-06		1.9E-05
cis-1,2-Dichloroethene	1.9E-15						1.9E-15
cis-1,3-Dichloropropene							
Dibromomethane				1.2E-06	4.1E-07		1.7E-06
Dichlorodifluoromethane	2.4E-20			6.0E-08	2.0E-08		8.1E-08
Ethylbenzene	1.5E-14			1.0E-05	3.4E-06		1.3E-05
Isopropylbenzene	2.0E-17			1.8E-06	6.1E-07		2.5E-06
m&p-Xylene							
Methyl Isobutyl Ketone (4-methyl-2				2.9E-09	9.6E-10		3.9E-09
Methylene chloride	4.3E-15			1.5E-06	5.0E-07		2.0E-06
n-Butylbenzene							
n-Propylbenzene				4.2E-07	1.4E-07		5.6E-07
o-Xylene	1.4E-15			1.0E-05	3.5E-06		1.4E-05
p-Chlorotoluene							
p-Isopropyltoluene							
sec-Butylbenzene							
Styrene	4.7E-14			2.5E-05	8.5E-06		3.4E-05

Table H-518 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
tert-Butylbenzene							
Tetrachloroethene	1.1E-16			1.4E-07	4.8E-08		1.9E-07
Toluene	2.0E-14			3.4E-06	1.1E-06		4.5E-06
trans-1,2-Dichloroethene	2.9E-15						2.9E-15
trans-1,3-Dichloropropene							
Trichloroethene	1.4E-17			8.8E-08	2.9E-08		1.2E-07
Trichlorofluoromethane	3.5E-20						3.5E-20
Vinyl chloride	1.6E-16			1.6E-06	5.5E-07		2.2E-06
Grand Total	4.8E-09	7.6E-07	4.0E-05	1.0E-01	3.5E-02	3.0E-07	1.4E-01

Table H-519 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas							
Hydrogen Chloride							
Aldehydes							
Acetaldehyde				6.7E-09	2.2E-09		8.9E-09
Formaldehyde				1.5E-08	5.1E-09		2.1E-08
Propionaldehyde							
CO							
Carbon monoxide							
CO2							
Carbon dioxide							
Criteria							
Sulfur Dioxide							
DIOXINS							
1,2,3,4,6,7,8-HpCDD	6.7E-17	4.7E-12	6.6E-11	7.5E-10	2.5E-10	2.7E-16	1.1E-09
1,2,3,4,6,7,8-HpCDF	6.5E-17	4.7E-12	6.6E-11	7.5E-10	2.5E-10	2.7E-16	1.1E-09
1,2,3,4,7,8,9-HpCDF	1.1E-17	5.7E-13	8.0E-12	9.8E-11	3.3E-11	3.2E-17	1.4E-10
1,2,3,4,7,8-HxCDD	8.0E-16	5.5E-12	7.7E-11	9.1E-10	3.0E-10	3.1E-16	1.3E-09
1,2,3,4,7,8-HxCDF	5.6E-15	4.4E-11	6.1E-10	7.4E-09	2.5E-09	2.5E-15	1.1E-08
1,2,3,6,7,8-HxCDD	1.6E-15	1.1E-11	1.6E-10	1.9E-09	6.4E-10	6.4E-16	2.7E-09
1,2,3,6,7,8-HxCDF	2.1E-15	1.4E-11	2.0E-10	2.4E-09	8.1E-10	8.2E-16	3.4E-09
1,2,3,7,8,9-HxCDD	2.2E-15	1.8E-11	2.5E-10	2.9E-09	9.7E-10	1.0E-15	4.2E-09
1,2,3,7,8,9-HxCDF	1.8E-16	1.0E-12	1.5E-11	1.9E-10	6.2E-11	5.9E-17	2.6E-10
1,2,3,7,8-PeCDD	5.1E-14	6.3E-11	8.9E-10	1.2E-08	3.9E-09	3.6E-15	1.7E-08

Table H-519 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
1,2,3,7,8-PeCDF	3.5E-15	3.7E-12	5.2E-11	8.4E-10	2.8E-10	2.1E-16	1.2E-09
2,3,4,6,7,8-HxCDF	3.0E-15	2.2E-11	3.1E-10	3.7E-09	1.2E-09	1.2E-15	5.3E-09
2,3,4,7,8-PeCDF	5.5E-14	8.9E-11	1.2E-09	1.9E-08	6.2E-09	5.0E-15	2.6E-08
2,3,7,8-TCDD	1.8E-14	9.6E-12	1.3E-10	3.9E-09	1.3E-09	3.8E-13	5.3E-09
2,3,7,8-TCDF	5.8E-15	2.4E-12	3.4E-11	1.7E-09	5.8E-10	1.4E-16	2.4E-09
OCDD	9.0E-21	3.1E-14	4.4E-13	4.9E-12	1.6E-12	1.8E-18	7.1E-12
OCDF	3.3E-21	1.2E-14	1.6E-13	1.8E-12	6.1E-13	6.6E-19	2.6E-12
HCN							
Hydrogen cyanide							
Metals							
Antimony							
Arsenic	6.9E-17	1.9E-17	9.4E-17	5.3E-09	1.8E-09	1.0E-20	7.0E-09
Barium							
Beryllium				2.0E-10	6.8E-11	6.0E-19	2.7E-10
Cadmium				2.8E-09	9.3E-10	3.6E-19	3.7E-09
Chromium							
Cobalt				9.4E-08	3.1E-08	3.2E-13	1.3E-07
Copper							
Lead							
Manganese							
Mercury (+2)							
Mercury, elemental							
Methyl Mercury							

Table H-519 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Nickel				1.8E-09	6.1E-10	2.5E-19	2.4E-09
Phosphorus							
Selenium							
Silver							
Titanium							
Zinc							
NOx							
NOx (Oxides of Nitrogen)							
PAHs							
1-Methylnaphthalene		3.6E-17	1.2E-16				1.5E-16
1-Methylphenanthrene							
2,3,5-Trimethylnaphthalene							
2,6-Dimethylnaphthalene							
2-Methylnaphthalene							
Acenaphthylene							
Acenaphthene							
Anthracene							
Benzo(a)anthracene	1.9E-12	5.3E-11	1.7E-10	6.4E-09	2.1E-09	1.1E-13	8.7E-09
Benzo(a)pyrene	9.7E-12	2.3E-10	7.4E-10	2.4E-08	8.1E-09	1.5E-15	3.3E-08
Benzo(b)fluoranthene	2.6E-13	1.2E-12	4.0E-12	2.6E-09	8.7E-10	8.2E-18	3.5E-09
Benzo(e)pyrene							
Benzo(g,h,i)perylene							
Benzo(k)fluoranthene	1.9E-16	6.0E-14	1.9E-13	1.0E-11	3.4E-12	4.0E-18	1.4E-11

Table H-519 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Biphenyl			5.1E-16				5.1E-16
Chrysene	3.3E-15	6.0E-13	2.0E-12	1.0E-09	3.5E-10	4.1E-17	1.4E-09
Dibenze(a,h)anthracene	4.7E-13	7.6E-11	2.5E-10	4.1E-09	1.4E-09	5.6E-16	5.8E-09
Fluoranthene							
Fluorene							
Indeno(1,2,3-cd)pyrene	1.2E-13	2.2E-11	7.0E-11	1.3E-09	4.2E-10	1.5E-16	1.8E-09
Napthalene				1.2E-08	4.1E-09		1.6E-08
Perylene							
Phenanthrene							
Pyrene							
Particulate							
Particulate Total Suspended Particulate							
PM<10							
PM<2.5							
PCBs							
Dichlorobiphenyl	2.4E-17	1.3E-16	3.8E-16	4.4E-12	1.5E-12	2.8E-18	5.9E-12
Heptachlorobiphenyl	2.6E-17	4.0E-16	1.2E-15	1.7E-12	5.7E-13	4.9E-18	2.3E-12
Hexachlorobiphenyl	1.0E-16	1.7E-15	5.1E-15	6.9E-12	2.3E-12	2.1E-17	9.2E-12
Monochlorobiphenyl	1.7E-16	8.8E-16	2.7E-15	3.1E-11	1.0E-11	2.0E-17	4.1E-11
Nonachlorobiphenyl	3.2E-18	5.7E-17	1.7E-16	2.1E-13	7.1E-14	7.0E-19	2.8E-13
Octachlorobiphenyl	7.7E-18	1.2E-16	3.7E-16	5.1E-13	1.7E-13	1.5E-18	6.8E-13
Pentachlorobiphenyl	3.5E-16	5.8E-15	1.7E-14	2.3E-11	7.7E-12	7.1E-17	3.1E-11
Tetrachlorobiphenyl	7.2E-18	4.1E-17	1.2E-16	1.3E-12	4.4E-13	9.3E-19	1.8E-12

Table H-519 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Trichlorobiphenyl	9.4E-18	5.2E-17	1.6E-16	1.7E-12	5.8E-13	1.2E-18	2.3E-12
SVOCs							
1,2,4-trichlorobenzene							
1,2-dichlorobenzene							
1,3-dichlorobenzene							
1,4-dichlorobenzene	2.8E-20			4.4E-11	1.5E-11		5.8E-11
2,4-Dimethylphenol							
2-Chlorophenol							
2-Methylphenol							
2-Nitrophenol							
3-Methylphenol & 4-Methylphenol							
4-Nitrophenol							
Acetophenone							
Benzoic acid							
Benzyl alcohol							
bis(2-Ethylhexyl) phthalate	3.9E-16	4.3E-13	1.8E-12	1.0E-09	3.5E-10	4.3E-18	1.4E-09
Butyl benzyl phthalate	1.9E-17	3.2E-17	1.4E-16				1.9E-16
Carbazole							
Dibenzofuran							
Dimethyl phthalate							
Di-n-butyl phthalate							
Di-n-octyl phthalate							
Hexachlorobutadiene	3.0E-17			1.0E-09	3.4E-10		1.4E-09

Table H-519 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Phenol							
Pyridine							
TRS							
Total Reduced Sulfur							
VOCs							
1,1,1,2-Tetrachloroethane	4.0E-21			2.0E-12	6.6E-13		2.6E-12
1,1,1-Trichloroethane							
1,1-Dichloroethene							
1,2,3-Trichlorobenzene							
1,2,3-Trichloropropane	1.4E-17						1.4E-17
1,2,4-Trimethylbenzene							
1,2-Dibromoethane	4.2E-20			4.3E-11	1.4E-11		5.8E-11
1,2-Dichloroethane	6.0E-20			1.6E-10	5.3E-11		2.1E-10
1,3,5-Trimethylbenzene							
1,3-Dichloropropane							
2-Butanone							
2-Chlorotoluene							
2-Hexanone							
Benzene	6.1E-18			1.6E-08	5.2E-09		2.1E-08
Bromobenzene							
Bromochloromethane							
Bromodichloromethane	1.1E-21			3.7E-12	1.2E-12		4.9E-12
Bromomethane							

Table H-519 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Carbon disulfide							
Carbon tetrachloride	5.3E-22			1.4E-12	4.5E-13		1.8E-12
Chlorobenzene							
Chlorodibromomethane	8.7E-20						8.7E-20
Chloroethane							
Chloroform	4.9E-21			5.1E-11	1.7E-11		6.8E-11
Chloromethane							
cis-1,2-Dichloroethene							
cis-1,3-Dichloropropene							
Dibromomethane							
Dichlorodifluoromethane							
Ethylbenzene	9.3E-19			1.1E-09	3.6E-10		1.4E-09
Isopropylbenzene							
m&p-Xylene							
Methyl Isobutyl Ketone (4-methyl-2							
Methylene chloride	2.3E-20			3.0E-12	9.9E-13		4.0E-12
n-Butylbenzene							
n-Propylbenzene							
o-Xylene							
p-Chlorotoluene							
p-Isopropyltoluene							
sec-Butylbenzene							
Styrene							

Table H-519 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
tert-Butylbenzene							
Tetrachloroethene	7.9E-23			6.4E-14	2.1E-14		8.6E-14
Toluene							
trans-1,2-Dichloroethene							
trans-1,3-Dichloropropene							
Trichloroethene	1.4E-22			2.4E-13	7.9E-14		3.2E-13
Trichlorofluoromethane							
Vinyl chloride	1.5E-19			2.4E-10	7.9E-11		3.2E-10
Grand Total	1.3E-11	6.7E-10	5.3E-09	2.6E-07	8.5E-08	8.2E-13	3.5E-07

Table H-520 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas							
Hydrogen Chloride				2.0E-03	6.8E-04		2.7E-03
Aldehydes							
Acetaldehyde				7.9E-03	2.6E-03		1.0E-02
Formaldehyde	3.0E-12			2.8E-03	9.4E-04		3.8E-03
Propionaldehyde				9.8E-04	3.3E-04	2.0E-10	1.3E-03
CO							
Carbon monoxide							
CO2							
Carbon dioxide							
Criteria							
Sulfur Dioxide							
DIOXINS							
1,2,3,4,6,7,8-HpCDD							
1,2,3,4,6,7,8-HpCDF							
1,2,3,4,7,8,9-HpCDF							
1,2,3,4,7,8-HxCDD							
1,2,3,4,7,8-HxCDF							
1,2,3,6,7,8-HxCDD							
1,2,3,6,7,8-HxCDF							
1,2,3,7,8,9-HxCDD							
1,2,3,7,8,9-HxCDF							
1,2,3,7,8-PeCDD							

Table H-520 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
1,2,3,7,8-PeCDF							
2,3,4,6,7,8-HxCDF							
2,3,4,7,8-PeCDF							
2,3,7,8-TCDD	4.8E-09	4.5E-06	6.3E-05	5.9E-05	2.0E-05	1.1E-08	1.5E-04
2,3,7,8-TCDF							
OCDD							
OCDF							
HCN							
Hydrogen cyanide				1.1E-02	3.5E-03		1.4E-02
Metals							
Antimony	5.2E-14						5.2E-14
Arsenic	3.6E-12	9.6E-13	8.1E-12	1.9E-03	6.4E-04	3.7E-15	2.5E-03
Barium	1.5E-11		5.8E-06	9.2E-03	3.1E-03	3.2E-08	1.2E-02
Beryllium	2.2E-14		2.1E-10	9.9E-05	3.3E-05	2.9E-13	1.3E-04
Cadmium	1.1E-11		3.3E-10	3.6E-03	1.2E-03	4.6E-13	4.8E-03
Chromium	2.3E-15		2.3E-08				2.3E-08
Cobalt			3.6E-04	4.1E-02	1.4E-02	2.4E-07	5.5E-02
Copper			3.4E-06				3.4E-06
Lead							
Manganese							
Mercury (+2)			3.8E-08	3.8E-06	1.3E-06	5.2E-13	5.1E-06
Mercury, elemental				1.6E-08	5.2E-09		2.1E-08
Methyl Mercury	1.2E-10		8.4E-09				8.5E-09

Table H-520 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Nickel	2.2E-13		8.3E-11	1.8E-03	6.0E-04	2.5E-13	2.4E-03
Phosphorus			1.5E-07				1.5E-07
Selenium	7.3E-14		3.3E-12	4.2E-07	1.4E-07	1.1E-17	5.5E-07
Silver	5.5E-14		6.7E-08				6.7E-08
Titanium							
Zinc	1.8E-11		2.3E-10				2.5E-10
NOx							
NOx (Oxides of Nitrogen)							
PAHs							
1-Methylnaphthalene		4.2E-13	1.3E-12				1.8E-12
1-Methylphenanthrene							
2,3,5-Trimethylnaphthalene							
2,6-Dimethylnaphthalene							
2-Methylnaphthalene		7.1E-12	2.3E-11				3.0E-11
Acenaphthylene							
Acenaphthene	7.5E-14						7.5E-14
Anthracene	1.9E-13						1.9E-13
Benzo(a)anthracene							
Benzo(a)pyrene							
Benzo(b)fluoranthene							
Benzo(e)pyrene							
Benzo(g,h,i)perylene							
Benzo(k)fluoranthene							

Table H-520 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Biphenyl			3.0E-12	1.6E-02	5.3E-03	6.1E-10	2.1E-02
Chrysene							
Dibenze(a,h)anthracene							
Fluoranthene	9.2E-12	2.1E-10	6.7E-10				8.8E-10
Fluorene	2.0E-12						2.0E-12
Indeno(1,2,3-cd)pyrene							
Napthalene	1.8E-12			2.8E-03	9.4E-04		3.7E-03
Perylene							
Phenanthrene							
Pyrene	8.9E-12	1.0E-09	3.3E-09				4.4E-09
Particulate							
Particulate Total Suspended Particulate							
PM<10							
PM<2.5							
PCBs							
Dichlorobiphenyl	1.1E-10	1.1E-09	3.3E-09				4.5E-09
Heptachlorobiphenyl	1.5E-11	4.3E-10	1.3E-09	5.4E-08	1.8E-08	2.9E-13	7.4E-08
Hexachlorobiphenyl	6.1E-11	1.8E-09	5.5E-09	2.2E-04	7.2E-05	1.2E-09	2.9E-04
Monochlorobiphenyl	8.0E-10	7.7E-09	2.3E-08				3.2E-08
Nonachlorobiphenyl	1.9E-12	6.1E-11	1.9E-10				2.5E-10
Octachlorobiphenyl	4.5E-12	1.3E-10	4.0E-10				5.4E-10
Pentachlorobiphenyl	2.0E-10	6.2E-09	1.9E-08	2.4E-03	7.8E-04	1.3E-08	3.1E-03
Tetrachlorobiphenyl	3.4E-11	3.6E-10	1.1E-09	1.2E-05	4.0E-06	1.5E-11	1.6E-05

Table H-520 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Trichlorobiphenyl	4.5E-11	4.5E-10	1.4E-09				1.9E-09
SVOCs							
1,2,4-trichlorobenzene				5.9E-06	2.0E-06		7.9E-06
1,2-dichlorobenzene	4.0E-17			1.3E-08	4.4E-09		1.8E-08
1,3-dichlorobenzene							
1,4-dichlorobenzene	1.7E-15			1.2E-07	3.9E-08		1.5E-07
2,4-Dimethylphenol	1.7E-13						1.7E-13
2-Chlorophenol	3.4E-14						3.4E-14
2-Methylphenol	1.4E-12			5.3E-06	1.8E-06		7.1E-06
2-Nitrophenol							
3-Methylphenol & 4-Methylphenol							
4-Nitrophenol							
Acetophenone	5.2E-14						5.2E-14
Benzoic acid	5.2E-15						5.2E-15
Benzyl alcohol	1.3E-16						1.3E-16
bis(2-Ethylhexyl) phthalate	3.2E-11	3.6E-08	1.5E-07				1.9E-07
Butyl benzyl phthalate	1.2E-12	2.0E-12	8.4E-12				1.2E-11
Carbazole							
Dibenzofuran		1.7E-11	2.4E-10				2.6E-10
Dimethyl phthalate							
Di-n-butyl phthalate	2.2E-11	4.0E-12	1.7E-11				4.3E-11
Di-n-octyl phthalate	1.7E-15	5.2E-11	2.2E-10				2.7E-10
Hexachlorobutadiene	8.9E-12						8.9E-12

Table H-520 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
Phenol	6.5E-13			8.5E-05	2.8E-05		1.1E-04
Pyridine	1.0E-11						1.0E-11
TRS							
Total Reduced Sulfur							
VOCs							
1,1,1,2-Tetrachloroethane	1.2E-16						1.2E-16
1,1,1-Trichloroethane	1.2E-19			1.4E-09	4.5E-10		1.8E-09
1,1-Dichloroethene	1.6E-19			3.2E-09	1.1E-09		4.2E-09
1,2,3-Trichlorobenzene	3.1E-13						3.1E-13
1,2,3-Trichloropropane	3.6E-16			8.8E-06	2.9E-06		1.2E-05
1,2,4-Trimethylbenzene				3.9E-05	1.3E-05		5.1E-05
1,2-Dibromoethane	5.5E-17			1.9E-07	6.2E-08		2.5E-07
1,2-Dichloroethane	2.6E-15			2.0E-05	6.8E-06		2.7E-05
1,3,5-Trimethylbenzene	8.0E-15						8.0E-15
1,3-Dichloropropane							
2-Butanone	5.4E-15			3.6E-07	1.2E-07		4.8E-07
2-Chlorotoluene							
2-Hexanone				1.1E-05	3.7E-06		1.5E-05
Benzene	6.5E-13			1.5E-03	5.2E-04		2.1E-03
Bromobenzene				1.5E-05	5.0E-06		2.0E-05
Bromochloromethane				5.4E-08	1.8E-08		7.1E-08
Bromodichloromethane	2.1E-17						2.1E-17
Bromomethane	1.3E-15			3.1E-05	1.0E-05		4.2E-05

Table H-520 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
Carbon disulfide	1.7E-17			1.9E-07	6.4E-08		2.5E-07
Carbon tetrachloride	4.5E-17			5.3E-08	1.8E-08		7.1E-08
Chlorobenzene	3.1E-15			4.7E-06	1.6E-06		6.2E-06
Chlorodibromomethane	1.2E-15						1.2E-15
Chloroethane				4.3E-08	1.4E-08		5.8E-08
Chloroform	3.7E-16			5.3E-07	1.8E-07		7.1E-07
Chloromethane				1.4E-05	4.7E-06		1.9E-05
cis-1,2-Dichloroethene	2.5E-15						2.5E-15
cis-1,3-Dichloropropene							
Dibromomethane				1.2E-06	4.1E-07		1.7E-06
Dichlorodifluoromethane	3.1E-20			6.0E-08	2.0E-08		8.1E-08
Ethylbenzene	2.0E-14			1.0E-05	3.4E-06		1.3E-05
Isopropylbenzene	2.6E-17			1.8E-06	6.1E-07		2.5E-06
m&p-Xylene							
Methyl Isobutyl Ketone (4-methyl-2				2.9E-09	9.6E-10		3.9E-09
Methylene chloride	5.7E-15			1.5E-06	5.0E-07		2.0E-06
n-Butylbenzene							
n-Propylbenzene				4.2E-07	1.4E-07		5.6E-07
o-Xylene	1.8E-15			1.0E-05	3.5E-06		1.4E-05
p-Chlorotoluene							
p-Isopropyltoluene							
sec-Butylbenzene							
Styrene	6.2E-14			2.5E-05	8.5E-06		3.4E-05

Table H-520 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
tert-Butylbenzene							
Tetrachloroethene	1.5E-16			1.4E-07	4.8E-08		1.9E-07
Toluene	2.6E-14			3.4E-06	1.1E-06		4.5E-06
trans-1,2-Dichloroethene	3.9E-15						3.9E-15
trans-1,3-Dichloropropene							
Trichloroethene	1.8E-17			8.8E-08	2.9E-08		1.2E-07
Trichlorofluoromethane	4.6E-20						4.6E-20
Vinyl chloride	2.1E-16			1.6E-06	5.5E-07		2.2E-06
Grand Total	6.3E-09	4.6E-06	4.3E-04	1.0E-01	3.5E-02	3.0E-07	1.4E-01

Table H-521 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			2.7E-10	3.4E-11		3.1E-10
Formaldehyde			6.4E-06	8.6E-11		6.4E-06
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	8.4E-14	3.3E-13	2.8E-11	3.5E-12	4.7E-18	3.1E-11
1,2,3,4,6,7,8-HpCDF	8.5E-14	3.3E-13	2.8E-11	3.5E-12	4.8E-18	3.2E-11
1,2,3,4,7,8,9-HpCDF	9.7E-15	3.8E-14	3.5E-12	4.4E-13	5.5E-19	4.0E-12
1,2,3,4,7,8-HxCDD	9.5E-14	3.7E-13	3.3E-11	4.1E-12	5.4E-18	3.8E-11
1,2,3,4,7,8-HxCDF	7.6E-13	3.0E-12	2.7E-10	3.4E-11	4.3E-17	3.1E-10
1,2,3,6,7,8-HxCDD	1.9E-13	7.6E-13	7.0E-11	8.7E-12	1.1E-17	7.9E-11
1,2,3,6,7,8-HxCDF	2.5E-13	9.7E-13	8.7E-11	1.1E-11	1.4E-17	9.9E-11
1,2,3,7,8,9-HxCDD	3.1E-13	1.2E-12	1.1E-10	1.3E-11	1.7E-17	1.2E-10
1,2,3,7,8,9-HxCDF	1.8E-14	7.0E-14	6.7E-12	8.4E-13	1.0E-18	7.6E-12
1,2,3,7,8-PeCDD	1.1E-12	4.2E-12	4.2E-10	5.3E-11	6.1E-17	4.8E-10

Table H-521 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	6.3E-14	2.5E-13	3.0E-11	3.7E-12	3.6E-18	3.4E-11
2,3,4,6,7,8-HxCDF	3.9E-13	1.5E-12	1.4E-10	1.7E-11	2.2E-17	1.5E-10
2,3,4,7,8-PeCDF	1.5E-12	6.0E-12	6.7E-10	8.4E-11	8.5E-17	7.6E-10
2,3,7,8-TCDD	2.2E-13	8.7E-13	1.7E-10	2.1E-11	8.7E-15	1.9E-10
2,3,7,8-TCDF	4.0E-14	1.6E-13	6.2E-11	7.8E-12	2.3E-18	7.0E-11
OCDD	5.7E-16	2.2E-15	1.8E-13	2.3E-14	3.2E-20	2.1E-13
OCDF	2.2E-16	8.6E-16	6.9E-14	8.6E-15	1.2E-20	7.9E-14
DNT						
2,4-Dinitrotoluene	1.1E-08	1.3E-08			1.8E-13	2.3E-08
2,6-Dinitrotoluene	8.2E-08	9.8E-08				1.8E-07
HCN						
Hydrogen cyanide						
Metals						
Aluminum						
Antimony						
Arsenic	7.7E-08	1.8E-07	2.2E-10	2.7E-11	4.3E-11	2.6E-07
Barium						
Beryllium			8.8E-12	1.1E-12	1.1E-20	9.9E-12
Cadmium			1.2E-10	1.5E-11	6.2E-21	1.3E-10
Chromium						
Cobalt			7.6E-09	9.5E-10	7.3E-10	9.3E-09
Copper						
Iron						

Table H-521 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Lead						
Manganese						
Mercury (+2)						
Mercury, elemental						
Methyl Mercury						
Nickel			7.7E-11	9.7E-12	4.4E-10	5.3E-10
Phosphorus						
Selenium						
Silver						
Thallium (Soluble Salts)						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	5.9E-19	5.4E-19				1.1E-18
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						

Table H-521 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(a)anthracene	9.7E-09	8.8E-09	2.8E-11	3.5E-12	2.0E-11	1.9E-08
Benzo(a)pyrene	1.7E-07	1.5E-07	1.1E-10	1.4E-11	1.1E-12	3.2E-07
Benzo(b)fluoranthene	3.5E-08	3.2E-08	1.2E-11	1.5E-12	2.4E-13	6.8E-08
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	2.3E-10	2.1E-10	1.1E-13	1.4E-14	1.5E-14	4.3E-10
Biphenyl		2.3E-18				2.3E-18
Chrysene	1.4E-10	1.3E-10	4.8E-12	6.0E-13	9.5E-15	2.8E-10
Dibenze(a,h)anthracene	6.2E-09	5.6E-09	1.9E-11	2.4E-12	4.5E-14	1.2E-08
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	8.8E-09	8.0E-09	5.8E-12	7.3E-13	5.9E-14	1.7E-08
Napthalene			4.3E-10	5.4E-11		4.9E-10
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	2.1E-18	1.8E-18	1.6E-13	2.0E-14	4.8E-20	1.8E-13
Heptachlorobiphenyl	6.9E-18	5.9E-18	6.2E-14	7.7E-15	8.5E-20	7.0E-14

Table H-521 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Hexachlorobiphenyl	3.1E-17	2.6E-17	2.6E-13	3.3E-14	3.8E-19	2.9E-13
Monochlorobiphenyl	1.5E-17	1.2E-17	1.1E-12	1.4E-13	3.3E-19	1.2E-12
Nonachlorobiphenyl	1.2E-18	1.0E-18	8.8E-15	1.1E-15	1.5E-20	9.9E-15
Octachlorobiphenyl	2.3E-18	1.9E-18	1.9E-14	2.4E-15	2.8E-20	2.1E-14
Pentachlorobiphenyl	1.1E-16	9.5E-17	8.9E-13	1.1E-13	1.4E-18	1.0E-12
Tetrachlorobiphenyl	8.1E-19	6.8E-19	5.2E-14	6.5E-15	1.8E-20	5.8E-14
Trichlorobiphenyl	9.7E-19	8.2E-19	6.5E-14	8.2E-15	2.2E-20	7.4E-14
Pesticides						
DDE		1.5E-09			1.4E-11	1.5E-09
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-Butadiene			8.2E-08			8.2E-08
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.4E-12	1.8E-13		1.6E-12
1,4-Dioxane			3.1E-08			3.1E-08
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						

Table H-521 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	8.0E-15	9.5E-15	3.9E-11	4.9E-12	8.0E-20	4.4E-11
Butyl benzyl phthalate	5.3E-19	6.3E-19				1.2E-18
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			8.4E-11	1.0E-11		9.4E-11
Isopropanol						
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			8.6E-14	1.1E-14		9.6E-14
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			3.6E-12	4.4E-13		4.0E-12

Table H-521 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
1,2-Dichloroethane			7.6E-08	2.2E-09		7.9E-08
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						
2-Chlorotoluene						
2-Hexanone						
Benzene			5.6E-08	6.5E-09		6.3E-08
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			3.0E-13	3.8E-14		3.4E-13
Bromomethane						
Carbon disulfide						
Carbon tetrachloride			7.6E-08	7.9E-09		8.4E-08
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			5.0E-08	4.7E-09		5.4E-08
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			2.1E-08	5.2E-12		2.1E-08

Table H-521 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			1.5E-14	1.9E-15		1.7E-14
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethene			2.7E-15	3.4E-16		3.0E-15
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			1.6E-09	3.2E-16		1.6E-09
Trichlorofluoromethane						
Vinyl chloride			1.9E-12	2.3E-13		2.1E-12
Grand Total	3.9E-07	5.0E-07	6.8E-06	2.3E-08	1.3E-09	7.7E-06

Table H-522 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			4.2E-05	5.2E-06		4.7E-05
Aldehydes						
Acetaldehyde			1.6E-04	2.0E-05		1.8E-04
Formaldehyde			5.8E-01	7.9E-06		5.8E-01
Propionaldehyde			2.0E-05	2.5E-06	2.1E-12	2.2E-05
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-522 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	5.2E-08	2.0E-07	1.3E-06	1.6E-07	1.2E-10	1.7E-06
2,3,7,8-TCDF						
OCDD						
OCDF						
DNT						
2,4-Dinitrotoluene	2.0E-04	2.4E-04				4.4E-04
2,6-Dinitrotoluene	2.1E-03	2.5E-03				4.7E-03
HCN						
Hydrogen cyanide			2.0E-04	2.5E-05		2.2E-04
Metals						
Aluminum		7.9E-03			7.7E-05	7.9E-03
Antimony		7.6E-04				7.6E-04
Arsenic	2.0E-03	4.7E-03	4.0E-05	4.9E-06	7.7E-06	6.8E-03
Barium		1.6E-08	2.5E-04	3.1E-05	3.1E-10	2.8E-04
Beryllium		5.2E-13	2.1E-06	2.7E-07	2.6E-15	2.4E-06
Cadmium		8.2E-13	7.6E-05	9.5E-06	4.0E-15	8.5E-05
Chromium		5.5E-11				5.5E-11
Cobalt		6.5E-02	1.6E-03	2.0E-04	1.6E-04	6.7E-02
Copper		8.4E-09				8.4E-09
Iron		2.4E-02				2.4E-02

Table H-522 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Lead						
Manganese						
Mercury (+2)		1.1E-10	7.8E-08	9.8E-09	5.6E-15	8.8E-08
Mercury, elemental			3.3E-10	4.1E-11	9.6E-05	9.6E-05
Methyl Mercury		2.0E-11				2.0E-11
Nickel		2.0E-02	3.9E-05	4.8E-06	2.2E-04	2.0E-02
Phosphorus		3.7E-10				3.7E-10
Selenium		8.1E-15	8.7E-09	1.1E-09	9.9E-20	9.8E-09
Silver		1.7E-10				1.7E-10
Thallium (Soluble Salts)		1.1E-02				1.1E-02
Titanium						
Zinc		6.1E-13				6.1E-13
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.4E-15	3.1E-15				6.5E-15
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	5.8E-14	5.2E-14				1.1E-13
Acenaphthylene						
Acenaphthene						
Anthracene						

Table H-522 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						
Biphenyl		6.7E-15	2.8E-04	3.5E-05	4.9E-12	3.1E-04
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	1.7E-12	1.5E-12				3.2E-12
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene			5.0E-05	6.2E-06		5.6E-05
Perylene						
Phenanthrene						
Pyrene	8.3E-12	7.6E-12				1.6E-11
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	9.3E-12	7.8E-12				1.7E-11
Heptachlorobiphenyl	3.7E-12	3.2E-12	9.8E-10	1.2E-10	2.5E-15	1.1E-09

Table H-522 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Hexachlorobiphenyl	1.7E-11	1.4E-11	4.1E-06	5.1E-07	1.1E-11	4.6E-06
Monochlorobiphenyl	6.4E-11	5.4E-11				1.2E-10
Nonachlorobiphenyl	6.6E-13	5.6E-13				1.2E-12
Octachlorobiphenyl	1.2E-12	1.0E-12				2.2E-12
Pentachlorobiphenyl	6.1E-11	5.1E-11	4.6E-05	5.7E-06	1.3E-10	5.1E-05
Tetrachlorobiphenyl	3.5E-12	3.0E-12	2.3E-07	2.9E-08	1.5E-13	2.6E-07
Trichlorobiphenyl	4.3E-12	3.6E-12				7.8E-12
Pesticides						
DDE						
SVOCs						
1,2,4-trichlorobenzene			1.3E-07	1.7E-08		1.5E-07
1,2-dichlorobenzene			5.4E-10	6.8E-11		6.1E-10
1,3-Butadiene			1.6E-02			1.6E-02
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.9E-09	2.4E-10		2.1E-09
1,4-Dioxane			2.4E-03			2.4E-03
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			9.3E-08	1.2E-08		1.0E-07
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						

Table H-522 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-10	4.0E-10				7.4E-10
Butyl benzyl phthalate	1.6E-14	1.9E-14				3.6E-14
Carbazole						
Dibenzofuran	1.4E-13	5.7E-13				7.1E-13
Dimethyl phthalate						
Di-n-butyl phthalate	3.3E-14	3.9E-14				7.1E-14
Di-n-octyl phthalate	9.4E-13	1.1E-12				2.1E-12
Hexachlorobutadiene						
Isopropanol			4.1E-03			4.1E-03
Phenol			1.5E-06	1.9E-07		1.7E-06
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			2.7E-11	3.3E-12		3.0E-11
1,1-Dichloroethene			1.3E-10	1.6E-11		1.5E-10
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.6E-07	4.5E-08		4.1E-07
1,2,4-Trimethylbenzene			8.9E-07	1.1E-07		1.0E-06
1,2-Dibromoethane			7.7E-09	9.6E-10		8.6E-09

Table H-522 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
1,2-Dichloroethane			4.9E-03	1.4E-04		5.0E-03
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone			6.6E-09	8.3E-10		7.4E-09
2-Chlorotoluene						
2-Hexanone			2.3E-07	2.8E-08		2.5E-07
Benzene			2.8E-03	3.2E-04		3.1E-03
Bromobenzene			6.2E-07	7.8E-08		7.0E-07
Bromochloromethane			2.2E-09	2.8E-10		2.5E-09
Bromodichloromethane						
Bromomethane			7.6E-07	9.5E-08		8.6E-07
Carbon disulfide			4.8E-09	6.0E-10		5.4E-09
Carbon tetrachloride			1.5E-03	1.5E-04		1.6E-03
Chlorobenzene			9.6E-08	1.2E-08		1.1E-07
Chlorodibromomethane						
Chloroethane			9.1E-10	1.1E-10		1.0E-09
Chloroform			2.6E-04	2.4E-05		2.8E-04
Chloromethane			3.4E-07	4.3E-08		3.9E-07
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			5.1E-08	6.4E-09		5.7E-08
Dichlorodifluoromethane			2.5E-09	3.1E-10		2.8E-09
Ethylbenzene			9.6E-05	2.4E-08		9.6E-05

Table H-522 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Isopropylbenzene			3.9E-08	4.9E-09		4.4E-08
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.2E-10	1.5E-11		1.3E-10
Methylene chloride			3.0E-08	3.8E-09		3.4E-08
n-Butylbenzene						
n-Propylbenzene			9.4E-09	1.2E-09		1.1E-08
o-Xylene			2.3E-07	2.9E-08		2.6E-07
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			5.1E-07	6.4E-08		5.7E-07
tert-Butylbenzene						
Tetrachloroethene			3.0E-09	3.8E-10		3.4E-09
Toluene			6.3E-08	7.9E-09		7.1E-08
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			2.3E-03	4.5E-10		2.3E-03
Trichlorofluoromethane						
Vinyl chloride			5.0E-08	6.2E-09		5.6E-08
Grand Total	4.3E-03	1.4E-01	6.2E-01	1.0E-03	5.6E-04	7.6E-01

Table H-523 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						2.7E-10	6.3E-10	3.4E-11	3.4E-11			9.7E-10
Formaldehyde						6.4E-06	1.6E-09	8.6E-11	8.6E-11			6.4E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.0E-16	8.4E-14	1.2E-13	3.3E-13	9.2E-13	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.7E-18	2.9E-17	1.0E-10
1,2,3,4,6,7,8-HpCDF	9.9E-17	8.5E-14	1.2E-13	3.3E-13	9.3E-13	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.8E-18	2.9E-17	1.0E-10
1,2,3,4,7,8,9-HpCDF	1.6E-17	9.7E-15	1.4E-14	3.8E-14	1.1E-13	3.5E-12	8.2E-12	4.4E-13	4.4E-13	5.5E-19	3.4E-18	1.3E-11
1,2,3,4,7,8-HxCDD	1.2E-15	9.5E-14	1.3E-13	3.7E-13	1.0E-12	3.3E-11	7.6E-11	4.1E-12	4.1E-12	5.4E-18	3.3E-17	1.2E-10
1,2,3,4,7,8-HxCDF	8.4E-15	7.6E-13	1.1E-12	3.0E-12	8.3E-12	2.7E-10	6.2E-10	3.4E-11	3.4E-11	4.3E-17	2.6E-16	9.7E-10
1,2,3,6,7,8-HxCDD	2.4E-15	1.9E-13	2.7E-13	7.6E-13	2.1E-12	7.0E-11	1.6E-10	8.7E-12	8.7E-12	1.1E-17	6.7E-17	2.5E-10
1,2,3,6,7,8-HxCDF	3.1E-15	2.5E-13	3.5E-13	9.7E-13	2.7E-12	8.7E-11	2.0E-10	1.1E-11	1.1E-11	1.4E-17	8.6E-17	3.2E-10
1,2,3,7,8,9-HxCDD	3.3E-15	3.1E-13	4.3E-13	1.2E-12	3.4E-12	1.1E-10	2.4E-10	1.3E-11	1.3E-11	1.7E-17	1.1E-16	3.8E-10
1,2,3,7,8,9-HxCDF	2.7E-16	1.8E-14	2.5E-14	7.0E-14	1.9E-13	6.7E-12	1.5E-11	8.4E-13	8.4E-13	1.0E-18	6.1E-18	2.4E-11
1,2,3,7,8-PeCDD	7.7E-14	1.1E-12	1.5E-12	4.2E-12	1.2E-11	4.2E-10	9.7E-10	5.3E-11	5.3E-11	6.1E-17	3.7E-16	1.5E-09
1,2,3,7,8-PeCDF	5.4E-15	6.3E-14	8.8E-14	2.5E-13	7.0E-13	3.0E-11	6.9E-11	3.7E-12	3.7E-12	3.6E-18	2.2E-17	1.1E-10
2,3,4,6,7,8-HxCDF	4.5E-15	3.9E-13	5.4E-13	1.5E-12	4.3E-12	1.4E-10	3.1E-10	1.7E-11	1.7E-11	2.2E-17	1.3E-16	4.9E-10
2,3,4,7,8-PeCDF	8.3E-14	1.5E-12	2.1E-12	6.0E-12	1.7E-11	6.7E-10	1.6E-09	8.4E-11	8.4E-11	8.5E-17	5.3E-16	2.4E-09
2,3,7,8-TCDD	2.7E-14	2.2E-13	3.1E-13	8.7E-13	2.4E-12	1.7E-10	3.9E-10	2.1E-11	2.1E-11	8.7E-15	5.3E-14	6.0E-10
2,3,7,8-TCDF	8.8E-15	4.0E-14	5.6E-14	1.6E-13	4.4E-13	6.2E-11	1.4E-10	7.8E-12	7.8E-12	2.3E-18	1.4E-17	2.2E-10
OCDD	1.4E-20	5.7E-16	7.9E-16	2.2E-15	6.2E-15	1.8E-13	4.2E-13	2.3E-14	2.3E-14	3.2E-20	2.0E-19	6.6E-13
OCDF	5.0E-21	2.2E-16	3.1E-16	8.6E-16	2.4E-15	6.9E-14	1.6E-13	8.6E-15	8.6E-15	1.2E-20	7.6E-20	2.5E-13
DNT												
2,4-Dinitrotoluene		1.1E-08		1.3E-08						1.8E-13		2.3E-08
2,6-Dinitrotoluene		8.2E-08		9.8E-08								1.8E-07
HCN												
Hydrogen cyanide												

Table H-523 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum												
Antimony												
Arsenic	1.0E-16	7.7E-08	3.0E-08	1.8E-07	1.4E-07	2.2E-10	5.1E-10	2.7E-11	2.7E-11	4.3E-11	7.2E-11	4.3E-07
Barium												
Beryllium						8.8E-12	2.0E-11	1.1E-12	1.1E-12	1.1E-20	6.5E-20	3.1E-11
Cadmium						1.2E-10	2.7E-10	1.5E-11	1.5E-11	6.2E-21	3.8E-20	4.2E-10
Chromium												
Cobalt						7.6E-09	1.8E-08	9.5E-10	9.5E-10	7.3E-10	3.1E-09	3.1E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						7.7E-11	1.8E-10	9.7E-12	9.7E-12	4.4E-10	1.7E-09	2.4E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		5.9E-19	8.3E-19	5.4E-19	1.5E-18							3.5E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	3.8E-13	9.7E-09	3.2E-08	8.8E-09	5.8E-08	2.8E-11	6.5E-11	3.5E-12	3.5E-12	2.0E-11	1.2E-10	1.1E-07

Table H-523 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene	1.9E-12	1.7E-07	3.5E-07	1.5E-07	6.4E-07	1.1E-10	2.6E-10	1.4E-11	1.4E-11	1.1E-12	1.0E-11	1.3E-06
Benzo(b)fluoranthene	5.2E-14	3.5E-08	4.9E-08	3.2E-08	9.0E-08	1.2E-11	2.9E-11	1.5E-12	1.5E-12	2.4E-13	1.5E-12	2.1E-07
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	3.8E-17	2.3E-10	2.5E-09	2.1E-10	4.5E-09	1.1E-13	2.5E-13	1.4E-14	1.4E-14	1.5E-14	7.4E-13	7.4E-09
Biphenyl				2.3E-18	6.4E-18							8.7E-18
Chrysene	6.6E-16	1.4E-10	3.6E-10	1.3E-10	6.5E-10	4.8E-12	1.1E-11	6.0E-13	6.0E-13	9.5E-15	1.1E-13	1.3E-09
Dibenzo(a,h)anthracene	9.3E-14	6.2E-09	8.7E-08	5.6E-09	1.6E-07	1.9E-11	4.4E-11	2.4E-12	2.4E-12	4.5E-14	2.8E-12	2.6E-07
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	2.3E-14	8.8E-09	2.3E-08	8.0E-09	4.1E-08	5.8E-12	1.3E-11	7.3E-13	7.3E-13	5.9E-14	6.7E-13	8.1E-08
Napthalene						4.3E-10	1.0E-09	5.4E-11	5.4E-11			1.5E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	3.6E-17	2.1E-18	3.0E-18	1.8E-18	5.0E-18	1.6E-13	3.7E-13	2.0E-14	2.0E-14	4.8E-20	2.9E-19	5.7E-13
Heptachlorobiphenyl	3.9E-17	6.9E-18	9.7E-18	5.9E-18	1.6E-17	6.2E-14	1.4E-13	7.7E-15	7.7E-15	8.5E-20	5.2E-19	2.2E-13
Hexachlorobiphenyl	1.6E-16	3.1E-17	4.4E-17	2.6E-17	7.4E-17	2.6E-13	6.0E-13	3.3E-14	3.3E-14	3.8E-19	2.4E-18	9.3E-13
Monochlorobiphenyl	2.5E-16	1.5E-17	2.1E-17	1.2E-17	3.5E-17	1.1E-12	2.6E-12	1.4E-13	1.4E-13	3.3E-19	2.0E-18	4.0E-12
Nonachlorobiphenyl	4.9E-18	1.2E-18	1.7E-18	1.0E-18	2.9E-18	8.8E-15	2.0E-14	1.1E-15	1.1E-15	1.5E-20	9.2E-20	3.1E-14
Octachlorobiphenyl	1.2E-17	2.3E-18	3.1E-18	1.9E-18	5.3E-18	1.9E-14	4.4E-14	2.4E-15	2.4E-15	2.8E-20	1.7E-19	6.8E-14
Pentachlorobiphenyl	5.3E-16	1.1E-16	1.6E-16	9.5E-17	2.7E-16	8.9E-13	2.1E-12	1.1E-13	1.1E-13	1.4E-18	8.5E-18	3.2E-12
Tetrachlorobiphenyl	1.1E-17	8.1E-19	1.1E-18	6.8E-19	1.9E-18	5.2E-14	1.2E-13	6.5E-15	6.5E-15	1.8E-20	1.1E-19	1.8E-13
Trichlorobiphenyl	1.4E-17	9.7E-19	1.4E-18	8.2E-19	2.3E-18	6.5E-14	1.5E-13	8.2E-15	8.2E-15	2.2E-20	1.4E-19	2.3E-13
Pesticides												
DDE				1.5E-09	6.4E-09					1.4E-11	8.4E-11	8.0E-09
Dieldrin			1.4E-08		3.2E-08						1.0E-12	4.6E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												

Table H-523 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
1,3-Butadiene						8.2E-08						8.2E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	4.3E-20					1.4E-12	3.3E-12	1.8E-13	1.8E-13			5.1E-12
1,4-Dioxane						3.1E-08						3.1E-08
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	5.9E-16	8.0E-15	1.1E-14	9.5E-15	2.7E-14	3.9E-11	9.0E-11	4.9E-12	4.9E-12	8.0E-20	4.9E-19	1.4E-10
Butyl benzyl phthalate	2.9E-17	5.3E-19	7.4E-19	6.3E-19	1.8E-18							3.2E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	4.5E-17					8.4E-11	1.9E-10	1.0E-11	1.0E-11			3.0E-10
Isopropanol												
p-Chloroaniline			5.6E-09		1.3E-08							1.9E-08
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	6.0E-21					8.6E-14	2.0E-13	1.1E-14	1.1E-14			3.0E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	2.8E-18											2.8E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	6.4E-20					3.6E-12	8.2E-12	4.4E-13	4.4E-13			1.3E-11

Table H-523 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
1,2-Dichloroethane	9.1E-20					7.6E-08	9.8E-08	2.2E-09	2.2E-09			1.8E-07
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												
Benzene	9.3E-18					5.6E-08	1.8E-07	6.5E-09	6.5E-09			2.5E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	1.7E-21					3.0E-13	1.1E-06	3.8E-14	3.8E-14			1.1E-06
Bromoform							1.4E-07					1.4E-07
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	8.1E-22					7.6E-08	2.0E-07	7.9E-09	7.9E-09			2.9E-07
Chlorobenzene												
Chlorodibromomethane	1.3E-19											1.3E-19
Chloroethane												
Chloroform	7.5E-21					5.0E-08	1.6E-06	4.7E-09	4.7E-09			1.6E-06
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	1.4E-18					2.1E-08	4.7E-08	5.2E-12	5.2E-12			6.8E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	4.4E-21					1.5E-14	3.6E-14	1.9E-15	1.9E-15			5.5E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												

Table H-523 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
tert-Butylbenzene												
Tetrachloroethene	1.2E-22					2.7E-15	6.2E-15	3.4E-16	3.4E-16			9.6E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	2.7E-23					1.6E-09	1.6E-07	3.2E-16	3.2E-16			1.6E-07
Trichlorofluoromethane												
Vinyl chloride	3.0E-20					1.9E-12	4.3E-12	2.3E-13	2.3E-13			6.6E-12
Grand Total	2.7E-12	3.9E-07	5.9E-07	5.0E-07	1.2E-06	6.8E-06	3.5E-06	2.3E-08	2.3E-08	1.3E-09	5.1E-09	1.3E-05

Table H-524 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					5.8E-01	1.5E-04	7.9E-06	7.9E-06			5.8E-01
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
DNT												
2,4-Dinitrotoluene		2.0E-04		2.4E-04								4.4E-04
2,6-Dinitrotoluene		2.1E-03		2.5E-03								4.7E-03
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04

Table H-524 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum				7.9E-03	2.0E-02					7.7E-05	4.2E-04	2.8E-02
Antimony	3.9E-14			7.6E-04	3.6E-03							4.3E-03
Arsenic	2.7E-12	2.0E-03	7.7E-04	4.7E-03	3.6E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	7.7E-06	1.3E-05	1.1E-02
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt				6.5E-02	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	1.6E-04	6.6E-04	1.9E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				2.4E-02	5.4E-02							7.8E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	9.6E-05	5.9E-04	6.9E-04
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.0E-02	3.5E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	2.2E-04	8.5E-04	5.7E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Thallium (Soluble Salts)				1.1E-02	1.7E-02							2.7E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												

Table H-524 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	1.1E-04	6.2E-06	6.2E-06			1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
DDE												
Dieldrin			2.0E-04		4.7E-04							6.7E-04
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09

Table H-524 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-Butadiene						1.6E-02						1.6E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
1,4-Dioxane						2.4E-03						2.4E-03
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						4.1E-03	1.1E-02					1.5E-02
p-Chloroaniline			8.2E-05		1.9E-04							2.8E-04
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08

Table H-524 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,2-Dichloroethane	1.9E-15					4.9E-03	6.3E-03	1.4E-04	1.4E-04			1.1E-02
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.8E-03	9.0E-03	3.2E-04	3.2E-04			1.2E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromoform												
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.5E-03	3.9E-03	1.5E-04	1.5E-04			5.7E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					2.6E-04	8.1E-03	2.4E-05	2.4E-05			8.4E-03
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					9.6E-05	2.2E-04	2.4E-08	2.4E-08			3.2E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06

Table H-524 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.3E-03	2.2E-01	4.5E-10	4.5E-10			2.3E-01
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	4.8E-09	4.3E-03	1.0E-03	1.4E-01	2.6E-01	6.2E-01	2.7E-01	1.0E-03	1.0E-03	5.6E-04	2.5E-03	1.3E+00

Table H-525 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						2.7E-10	6.3E-10	3.4E-11	3.4E-11			9.7E-10
Formaldehyde						6.4E-06	4.4E-05	8.6E-11	8.6E-11			5.0E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.0E-16	8.4E-14	1.2E-13	3.3E-13	9.2E-13	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.7E-18	2.9E-17	1.0E-10
1,2,3,4,6,7,8-HpCDF	9.9E-17	8.5E-14	1.2E-13	3.3E-13	9.3E-13	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.8E-18	2.9E-17	1.0E-10
1,2,3,4,7,8,9-HpCDF	1.6E-17	9.7E-15	1.4E-14	3.8E-14	1.1E-13	3.5E-12	8.2E-12	4.4E-13	4.4E-13	5.5E-19	3.4E-18	1.3E-11
1,2,3,4,7,8-HxCDD	1.2E-15	9.5E-14	1.3E-13	3.7E-13	1.0E-12	3.3E-11	7.6E-11	4.1E-12	4.1E-12	5.4E-18	3.3E-17	1.2E-10
1,2,3,4,7,8-HxCDF	8.4E-15	7.6E-13	1.1E-12	3.0E-12	8.3E-12	2.7E-10	6.2E-10	3.4E-11	3.4E-11	4.3E-17	2.6E-16	9.7E-10
1,2,3,6,7,8-HxCDD	2.4E-15	1.9E-13	2.7E-13	7.6E-13	2.1E-12	7.0E-11	1.6E-10	8.7E-12	8.7E-12	1.1E-17	6.7E-17	2.5E-10
1,2,3,6,7,8-HxCDF	3.1E-15	2.5E-13	3.5E-13	9.7E-13	2.7E-12	8.7E-11	2.0E-10	1.1E-11	1.1E-11	1.4E-17	8.6E-17	3.2E-10
1,2,3,7,8,9-HxCDD	3.3E-15	3.1E-13	4.3E-13	1.2E-12	3.4E-12	1.1E-10	2.4E-10	1.3E-11	1.3E-11	1.7E-17	1.1E-16	3.8E-10
1,2,3,7,8,9-HxCDF	2.7E-16	1.8E-14	2.5E-14	7.0E-14	1.9E-13	6.7E-12	1.5E-11	8.4E-13	8.4E-13	1.0E-18	6.1E-18	2.4E-11
1,2,3,7,8-PeCDD	7.7E-14	1.1E-12	1.5E-12	4.2E-12	1.2E-11	4.2E-10	9.7E-10	5.3E-11	5.3E-11	6.1E-17	3.7E-16	1.5E-09
1,2,3,7,8-PeCDF	5.4E-15	6.3E-14	8.8E-14	2.5E-13	7.0E-13	3.0E-11	6.9E-11	3.7E-12	3.7E-12	3.6E-18	2.2E-17	1.1E-10
2,3,4,6,7,8-HxCDF	4.5E-15	3.9E-13	5.4E-13	1.5E-12	4.3E-12	1.4E-10	3.1E-10	1.7E-11	1.7E-11	2.2E-17	1.3E-16	4.9E-10
2,3,4,7,8-PeCDF	8.3E-14	1.5E-12	2.1E-12	6.0E-12	1.7E-11	6.7E-10	1.6E-09	8.4E-11	8.4E-11	8.5E-17	5.3E-16	2.4E-09
2,3,7,8-TCDD	2.7E-14	2.2E-13	3.1E-13	8.7E-13	2.4E-12	1.7E-10	3.9E-10	2.1E-11	2.1E-11	8.7E-15	5.3E-14	6.0E-10
2,3,7,8-TCDF	8.8E-15	4.0E-14	5.6E-14	1.6E-13	4.4E-13	6.2E-11	1.4E-10	7.8E-12	7.8E-12	2.3E-18	1.4E-17	2.2E-10
OCDD	1.4E-20	5.7E-16	7.9E-16	2.2E-15	6.2E-15	1.8E-13	4.2E-13	2.3E-14	2.3E-14	3.2E-20	2.0E-19	6.6E-13
OCDF	5.0E-21	2.2E-16	3.1E-16	8.6E-16	2.4E-15	6.9E-14	1.6E-13	8.6E-15	8.6E-15	1.2E-20	7.6E-20	2.5E-13
DNT												
2,4-Dinitrotoluene		1.1E-08		1.3E-08						1.8E-13		2.3E-08
2,6-Dinitrotoluene		8.2E-08		9.8E-08								1.8E-07
HCN												
Hydrogen cyanide												

Table H-525 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum												
Antimony												
Arsenic	1.0E-16	7.7E-08	5.9E-08	1.8E-07	2.8E-07	2.2E-10	5.1E-10	2.7E-11	2.7E-11	4.3E-11	1.4E-10	6.0E-07
Barium												
Beryllium						8.8E-12	2.0E-11	1.1E-12	1.1E-12	1.1E-20	6.5E-20	3.1E-11
Cadmium						1.2E-10	2.7E-10	1.5E-11	1.5E-11	6.2E-21	3.8E-20	4.2E-10
Chromium												
Cobalt						7.6E-09	1.8E-08	9.5E-10	9.5E-10	7.3E-10	3.1E-09	3.1E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						7.7E-11	1.8E-10	9.7E-12	9.7E-12	4.4E-10	1.9E-09	2.6E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		5.9E-19	8.3E-19	5.4E-19	1.5E-18							3.5E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	3.8E-13	9.7E-09	1.4E-13	8.8E-09	2.6E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	2.0E-11	1.2E-10	1.9E-08

Table H-525 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene	1.9E-12	1.7E-07	6.7E-13	1.5E-07	1.2E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	1.1E-12	2.0E-17	3.2E-07
Benzo(b)fluoranthene	5.2E-14	3.5E-08	3.9E-15	3.2E-08	7.0E-15	1.2E-11	2.9E-11	1.5E-12	1.5E-12	2.4E-13	1.1E-19	6.8E-08
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	3.8E-17	2.3E-10	4.0E-16	2.1E-10	7.2E-16	1.1E-13	2.5E-13	1.4E-14	1.4E-14	1.5E-14	1.2E-19	4.3E-10
Biphenyl				2.3E-18	6.4E-18							8.7E-18
Chrysene	6.6E-16	1.4E-10	1.8E-15	1.3E-10	3.3E-15	4.8E-12	1.1E-11	6.0E-13	6.0E-13	9.5E-15	5.4E-19	2.9E-10
Dibenzo(a,h)anthracene	9.3E-14	6.2E-09	2.3E-13	5.6E-09	4.2E-13	1.9E-11	4.4E-11	2.4E-12	2.4E-12	4.5E-14	7.5E-18	1.2E-08
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	2.3E-14	8.8E-09	6.6E-14	8.0E-09	1.2E-13	5.8E-12	1.3E-11	7.3E-13	7.3E-13	5.9E-14	2.0E-18	1.7E-08
Napthalene						4.3E-10	1.0E-09	5.4E-11	5.4E-11			1.5E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	3.6E-17	2.1E-18	3.0E-18	1.8E-18	5.0E-18	1.6E-13	3.7E-13	2.0E-14	2.0E-14	4.8E-20	2.9E-19	5.7E-13
Heptachlorobiphenyl	3.9E-17	6.9E-18	9.7E-18	5.9E-18	1.6E-17	6.2E-14	1.4E-13	7.7E-15	7.7E-15	8.5E-20	5.2E-19	2.2E-13
Hexachlorobiphenyl	1.6E-16	3.1E-17	4.4E-17	2.6E-17	7.4E-17	2.6E-13	6.0E-13	3.3E-14	3.3E-14	3.8E-19	2.4E-18	9.3E-13
Monochlorobiphenyl	2.5E-16	1.5E-17	2.1E-17	1.2E-17	3.5E-17	1.1E-12	2.6E-12	1.4E-13	1.4E-13	3.3E-19	2.0E-18	4.0E-12
Nonachlorobiphenyl	4.9E-18	1.2E-18	1.7E-18	1.0E-18	2.9E-18	8.8E-15	2.0E-14	1.1E-15	1.1E-15	1.5E-20	9.2E-20	3.1E-14
Octachlorobiphenyl	1.2E-17	2.3E-18	3.1E-18	1.9E-18	5.3E-18	1.9E-14	4.4E-14	2.4E-15	2.4E-15	2.8E-20	1.7E-19	6.8E-14
Pentachlorobiphenyl	5.3E-16	1.1E-16	1.6E-16	9.5E-17	2.7E-16	8.9E-13	2.1E-12	1.1E-13	1.1E-13	1.4E-18	8.5E-18	3.2E-12
Tetrachlorobiphenyl	1.1E-17	8.1E-19	1.1E-18	6.8E-19	1.9E-18	5.2E-14	1.2E-13	6.5E-15	6.5E-15	1.8E-20	1.1E-19	1.8E-13
Trichlorobiphenyl	1.4E-17	9.7E-19	1.4E-18	8.2E-19	2.3E-18	6.5E-14	1.5E-13	8.2E-15	8.2E-15	2.2E-20	1.4E-19	2.3E-13
Pesticides												
DDE				1.5E-09	2.3E-09					1.4E-11	8.4E-11	3.9E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene							8.2E-08					8.2E-08

Table H-525 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-dichlorobenzene												
1,4-dichlorobenzene	4.3E-20					1.4E-12	3.3E-12	1.8E-13	1.8E-13			5.1E-12
1,4-Dioxane						3.1E-08						3.1E-08
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	5.9E-16	8.0E-15	1.1E-14	9.5E-15	2.7E-14	3.9E-11	9.0E-11	4.9E-12	4.9E-12	8.0E-20	4.9E-19	1.4E-10
Butyl benzyl phthalate	2.9E-17	5.3E-19	7.4E-19	6.3E-19	1.8E-18							3.2E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	4.5E-17					8.4E-11	1.9E-10	1.0E-11	1.0E-11			3.0E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	6.0E-21					8.6E-14	2.0E-13	1.1E-14	1.1E-14			3.0E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	2.8E-18											2.8E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	6.4E-20					3.6E-12	8.2E-12	4.4E-13	4.4E-13			1.3E-11
1,2-Dichloroethane	9.1E-20					7.6E-08	1.4E-11	2.2E-09	2.2E-09			8.1E-08
1,3,5-Trimethylbenzene												

Table H-525 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												
Benzene	9.3E-18					5.6E-08	1.3E-09	6.5E-09	6.5E-09			7.1E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	1.7E-21					3.0E-13	7.0E-13	3.8E-14	3.8E-14			1.1E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	8.1E-22					7.6E-08	2.6E-13	7.9E-09	7.9E-09			9.2E-08
Chlorobenzene												
Chlorodibromomethane	1.3E-19											1.3E-19
Chloroethane												
Chloroform	7.5E-21					5.0E-08	8.9E-12	4.7E-09	4.7E-09			5.9E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	1.4E-18					2.1E-08	9.7E-11	5.2E-12	5.2E-12			2.1E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	4.4E-21					1.5E-14	3.6E-14	1.9E-15	1.9E-15			5.5E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	1.2E-22					2.7E-15	6.2E-15	3.4E-16	3.4E-16			9.6E-15
Toluene												

Table H-525 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	2.7E-23					1.6E-09	5.9E-15	3.2E-16	3.2E-16			1.6E-09
Trichlorofluoromethane												
Vinyl chloride	3.0E-20					1.9E-12	4.3E-12	2.3E-13	2.3E-13			6.6E-12
Grand Total	2.7E-12	3.9E-07	5.9E-08	5.0E-07	2.8E-07	6.8E-06	4.4E-05	2.3E-08	2.3E-08	1.3E-09	5.3E-09	5.2E-05

Table H-526 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					5.8E-01	4.0E+00	7.9E-06	7.9E-06			4.6E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
DNT												
2,4-Dinitrotoluene		2.0E-04		2.4E-04								4.4E-04
2,6-Dinitrotoluene		2.1E-03		2.5E-03								4.7E-03
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04

Table H-526 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum				7.9E-03	2.4E-02					7.7E-05	5.1E-04	3.2E-02
Antimony	3.9E-14			7.6E-04	1.2E-03							2.0E-03
Arsenic	2.7E-12	2.0E-03	1.5E-03	4.7E-03	7.2E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	7.7E-06	2.6E-05	1.6E-02
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt				6.5E-02	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	1.6E-04	6.7E-04	2.0E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				2.4E-02	5.7E-02							8.1E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	9.6E-05	5.9E-04	6.9E-04
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.0E-02	4.0E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	2.2E-04	9.5E-04	6.1E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Thallium (Soluble Salts)				1.1E-02	1.4E-02							2.5E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												

Table H-526 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	1.1E-04	6.2E-06	6.2E-06			1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
DDE												
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.6E-02						1.6E-02

Table H-526 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
1,4-Dioxane						2.4E-03						2.4E-03
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						4.1E-03						4.1E-03
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.9E-03	9.1E-07	1.4E-04	1.4E-04			5.2E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15

Table H-526 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.8E-03	6.7E-05	3.2E-04	3.2E-04			3.5E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.5E-03	5.0E-09	1.5E-04	1.5E-04			1.8E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					2.6E-04	4.6E-08	2.4E-05	2.4E-05			3.1E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					9.6E-05	4.5E-07	2.4E-08	2.4E-08			9.6E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07

Table H-526 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.3E-03	8.4E-09	4.5E-10	4.5E-10			2.3E-03
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	4.8E-09	4.3E-03	1.5E-03	1.4E-01	2.7E-01	6.2E-01	4.0E+00	1.0E-03	1.0E-03	5.6E-04	2.7E-03	5.1E+00

Table H-527 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						2.7E-10	6.3E-10	3.4E-11	3.4E-11			9.7E-10
Formaldehyde						6.4E-06	3.0E-05	8.6E-11	8.6E-11			3.6E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.0E-16	8.4E-14	1.2E-13	3.3E-13	9.2E-13	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.7E-18	2.9E-17	1.0E-10
1,2,3,4,6,7,8-HpCDF	9.9E-17	8.5E-14	1.2E-13	3.3E-13	9.3E-13	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.8E-18	2.9E-17	1.0E-10
1,2,3,4,7,8,9-HpCDF	1.6E-17	9.7E-15	1.4E-14	3.8E-14	1.1E-13	3.5E-12	8.2E-12	4.4E-13	4.4E-13	5.5E-19	3.4E-18	1.3E-11
1,2,3,4,7,8-HxCDD	1.2E-15	9.5E-14	1.3E-13	3.7E-13	1.0E-12	3.3E-11	7.6E-11	4.1E-12	4.1E-12	5.4E-18	3.3E-17	1.2E-10
1,2,3,4,7,8-HxCDF	8.4E-15	7.6E-13	1.1E-12	3.0E-12	8.3E-12	2.7E-10	6.2E-10	3.4E-11	3.4E-11	4.3E-17	2.6E-16	9.7E-10
1,2,3,6,7,8-HxCDD	2.4E-15	1.9E-13	2.7E-13	7.6E-13	2.1E-12	7.0E-11	1.6E-10	8.7E-12	8.7E-12	1.1E-17	6.7E-17	2.5E-10
1,2,3,6,7,8-HxCDF	3.1E-15	2.5E-13	3.5E-13	9.7E-13	2.7E-12	8.7E-11	2.0E-10	1.1E-11	1.1E-11	1.4E-17	8.6E-17	3.2E-10
1,2,3,7,8,9-HxCDD	3.3E-15	3.1E-13	4.3E-13	1.2E-12	3.4E-12	1.1E-10	2.4E-10	1.3E-11	1.3E-11	1.7E-17	1.1E-16	3.8E-10
1,2,3,7,8,9-HxCDF	2.7E-16	1.8E-14	2.5E-14	7.0E-14	1.9E-13	6.7E-12	1.5E-11	8.4E-13	8.4E-13	1.0E-18	6.1E-18	2.4E-11
1,2,3,7,8-PeCDD	7.7E-14	1.1E-12	1.5E-12	4.2E-12	1.2E-11	4.2E-10	9.7E-10	5.3E-11	5.3E-11	6.1E-17	3.7E-16	1.5E-09
1,2,3,7,8-PeCDF	5.4E-15	6.3E-14	8.8E-14	2.5E-13	7.0E-13	3.0E-11	6.9E-11	3.7E-12	3.7E-12	3.6E-18	2.2E-17	1.1E-10
2,3,4,6,7,8-HxCDF	4.5E-15	3.9E-13	5.4E-13	1.5E-12	4.3E-12	1.4E-10	3.1E-10	1.7E-11	1.7E-11	2.2E-17	1.3E-16	4.9E-10
2,3,4,7,8-PeCDF	8.3E-14	1.5E-12	2.1E-12	6.0E-12	1.7E-11	6.7E-10	1.6E-09	8.4E-11	8.4E-11	8.5E-17	5.3E-16	2.4E-09
2,3,7,8-TCDD	2.7E-14	2.2E-13	3.1E-13	8.7E-13	2.4E-12	1.7E-10	3.9E-10	2.1E-11	2.1E-11	8.7E-15	5.3E-14	6.0E-10
2,3,7,8-TCDF	8.8E-15	4.0E-14	5.6E-14	1.6E-13	4.4E-13	6.2E-11	1.4E-10	7.8E-12	7.8E-12	2.3E-18	1.4E-17	2.2E-10
OCDD	1.4E-20	5.7E-16	7.9E-16	2.2E-15	6.2E-15	1.8E-13	4.2E-13	2.3E-14	2.3E-14	3.2E-20	2.0E-19	6.6E-13
OCDF	5.0E-21	2.2E-16	3.1E-16	8.6E-16	2.4E-15	6.9E-14	1.6E-13	8.6E-15	8.6E-15	1.2E-20	7.6E-20	2.5E-13
DNT												
2,4-Dinitrotoluene		1.1E-08		1.3E-08						1.8E-13		2.3E-08
2,6-Dinitrotoluene		8.2E-08		9.8E-08								1.8E-07
HCN												
Hydrogen cyanide												

Table H-527 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum												
Antimony												
Arsenic	1.0E-16	7.7E-08	2.3E-08	1.8E-07	1.1E-07	2.2E-10	5.1E-10	2.7E-11	2.7E-11	4.3E-11	5.7E-11	3.9E-07
Barium												
Beryllium						8.8E-12	2.0E-11	1.1E-12	1.1E-12	1.1E-20	6.5E-20	3.1E-11
Cadmium						1.2E-10	2.7E-10	1.5E-11	1.5E-11	6.2E-21	3.8E-20	4.2E-10
Chromium												
Cobalt						7.6E-09	1.8E-08	9.5E-10	9.5E-10	7.3E-10	5.3E-09	3.3E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						7.7E-11	1.8E-10	9.7E-12	9.7E-12	4.4E-10	3.2E-09	3.9E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		5.9E-19	8.3E-19	5.4E-19	1.5E-18							3.5E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	3.8E-13	9.7E-09	1.4E-13	8.8E-09	2.6E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	2.0E-11	1.2E-10	1.9E-08

Table H-527 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene	1.9E-12	1.7E-07	8.2E-08	1.5E-07	1.5E-07	1.1E-10	2.6E-10	1.4E-11	1.4E-11	1.1E-12	2.4E-12	5.5E-07
Benzo(b)fluoranthene	5.2E-14	3.5E-08	7.4E-09	3.2E-08	1.4E-08	1.2E-11	2.9E-11	1.5E-12	1.5E-12	2.4E-13	2.2E-13	8.8E-08
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	3.8E-17	2.3E-10	4.0E-16	2.1E-10	7.2E-16	1.1E-13	2.5E-13	1.4E-14	1.4E-14	1.5E-14	1.2E-19	4.3E-10
Biphenyl				2.3E-18	6.4E-18							8.7E-18
Chrysene	6.6E-16	1.4E-10	1.8E-15	1.3E-10	3.3E-15	4.8E-12	1.1E-11	6.0E-13	6.0E-13	9.5E-15	5.4E-19	2.9E-10
Dibenzo(a,h)anthracene	9.3E-14	6.2E-09	2.3E-13	5.6E-09	4.2E-13	1.9E-11	4.4E-11	2.4E-12	2.4E-12	4.5E-14	7.5E-18	1.2E-08
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	2.3E-14	8.8E-09	6.6E-14	8.0E-09	1.2E-13	5.8E-12	1.3E-11	7.3E-13	7.3E-13	5.9E-14	2.0E-18	1.7E-08
Napthalene						4.3E-10	1.0E-09	5.4E-11	5.4E-11			1.5E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	3.6E-17	2.1E-18	3.0E-18	1.8E-18	5.0E-18	1.6E-13	3.7E-13	2.0E-14	2.0E-14	4.8E-20	2.9E-19	5.7E-13
Heptachlorobiphenyl	3.9E-17	6.9E-18	9.7E-18	5.9E-18	1.6E-17	6.2E-14	1.4E-13	7.7E-15	7.7E-15	8.5E-20	5.2E-19	2.2E-13
Hexachlorobiphenyl	1.6E-16	3.1E-17	4.4E-17	2.6E-17	7.4E-17	2.6E-13	6.0E-13	3.3E-14	3.3E-14	3.8E-19	2.4E-18	9.3E-13
Monochlorobiphenyl	2.5E-16	1.5E-17	2.1E-17	1.2E-17	3.5E-17	1.1E-12	2.6E-12	1.4E-13	1.4E-13	3.3E-19	2.0E-18	4.0E-12
Nonachlorobiphenyl	4.9E-18	1.2E-18	1.7E-18	1.0E-18	2.9E-18	8.8E-15	2.0E-14	1.1E-15	1.1E-15	1.5E-20	9.2E-20	3.1E-14
Octachlorobiphenyl	1.2E-17	2.3E-18	3.1E-18	1.9E-18	5.3E-18	1.9E-14	4.4E-14	2.4E-15	2.4E-15	2.8E-20	1.7E-19	6.8E-14
Pentachlorobiphenyl	5.3E-16	1.1E-16	1.6E-16	9.5E-17	2.7E-16	8.9E-13	2.1E-12	1.1E-13	1.1E-13	1.4E-18	8.5E-18	3.2E-12
Tetrachlorobiphenyl	1.1E-17	8.1E-19	1.1E-18	6.8E-19	1.9E-18	5.2E-14	1.2E-13	6.5E-15	6.5E-15	1.8E-20	1.1E-19	1.8E-13
Trichlorobiphenyl	1.4E-17	9.7E-19	1.4E-18	8.2E-19	2.3E-18	6.5E-14	1.5E-13	8.2E-15	8.2E-15	2.2E-20	1.4E-19	2.3E-13
Pesticides												
DDE				1.5E-09	8.0E-09					1.4E-11	8.4E-11	9.6E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene						8.2E-08						8.2E-08

Table H-527 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-dichlorobenzene												
1,4-dichlorobenzene	4.3E-20					1.4E-12	3.3E-12	1.8E-13	1.8E-13			5.1E-12
1,4-Dioxane						3.1E-08						3.1E-08
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	5.9E-16	8.0E-15	1.1E-14	9.5E-15	2.7E-14	3.9E-11	9.0E-11	4.9E-12	4.9E-12	8.0E-20	4.9E-19	1.4E-10
Butyl benzyl phthalate	2.9E-17	5.3E-19	7.4E-19	6.3E-19	1.8E-18							3.2E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	4.5E-17					8.4E-11	1.9E-10	1.0E-11	1.0E-11			3.0E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	6.0E-21					8.6E-14	2.0E-13	1.1E-14	1.1E-14			3.0E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	2.8E-18											2.8E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	6.4E-20					3.6E-12	8.2E-12	4.4E-13	4.4E-13			1.3E-11
1,2-Dichloroethane	9.1E-20					7.6E-08	1.4E-11	2.2E-09	2.2E-09			8.1E-08
1,3,5-Trimethylbenzene												

Table H-527 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												
Benzene	9.3E-18					5.6E-08	1.3E-09	6.5E-09	6.5E-09			7.1E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	1.7E-21					3.0E-13	7.0E-13	3.8E-14	3.8E-14			1.1E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	8.1E-22					7.6E-08	2.6E-13	7.9E-09	7.9E-09			9.2E-08
Chlorobenzene												
Chlorodibromomethane	1.3E-19											1.3E-19
Chloroethane												
Chloroform	7.5E-21					5.0E-08	8.9E-12	4.7E-09	4.7E-09			5.9E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	1.4E-18					2.1E-08	9.7E-11	5.2E-12	5.2E-12			2.1E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	4.4E-21					1.5E-14	3.6E-14	1.9E-15	1.9E-15			5.5E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	1.2E-22					2.7E-15	6.2E-15	3.4E-16	3.4E-16			9.6E-15
Toluene												

Table H-527 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	2.7E-23					1.6E-09	5.9E-15	3.2E-16	3.2E-16			1.6E-09
Trichlorofluoromethane												
Vinyl chloride	3.0E-20					1.9E-12	4.3E-12	2.3E-13	2.3E-13			6.6E-12
Grand Total	2.7E-12	3.9E-07	1.1E-07	5.0E-07	2.8E-07	6.8E-06	3.0E-05	2.3E-08	2.3E-08	1.3E-09	8.7E-09	3.8E-05

Table H-528 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					5.8E-01	2.7E+00	7.9E-06	7.9E-06			3.3E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
DNT												
2,4-Dinitrotoluene		2.0E-04		2.4E-04								4.4E-04
2,6-Dinitrotoluene		2.1E-03		2.5E-03								4.7E-03
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04

Table H-528 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum				7.9E-03	1.9E-02					7.7E-05	4.1E-04	2.8E-02
Antimony	3.9E-14			7.6E-04	4.2E-04							1.2E-03
Arsenic	2.7E-12	2.0E-03	6.1E-04	4.7E-03	2.9E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	7.7E-06	1.0E-05	1.0E-02
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt				6.5E-02	2.1E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	1.6E-04	1.1E-03	2.8E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				2.4E-02	6.2E-02							8.6E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	9.6E-05	5.9E-04	6.9E-04
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.0E-02	6.6E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	2.2E-04	1.6E-03	8.8E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Thallium (Soluble Salts)				1.1E-02								1.1E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												

Table H-528 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	1.1E-04	6.2E-06	6.2E-06			1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
DDE												
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.6E-02						1.6E-02

Table H-528 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
1,4-Dioxane						2.4E-03						2.4E-03
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						4.1E-03						4.1E-03
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.9E-03	9.1E-07	1.4E-04	1.4E-04			5.2E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15

Table H-528 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.8E-03	6.7E-05	3.2E-04	3.2E-04			3.5E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.5E-03	5.0E-09	1.5E-04	1.5E-04			1.8E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					2.6E-04	4.6E-08	2.4E-05	2.4E-05			3.1E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					9.6E-05	4.5E-07	2.4E-08	2.4E-08			9.6E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07

Table H-528 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.3E-03	8.4E-09	4.5E-10	4.5E-10			2.3E-03
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	4.8E-09	4.3E-03	6.1E-04	1.4E-01	3.6E-01	6.2E-01	2.8E+00	1.0E-03	1.0E-03	5.6E-04	3.7E-03	3.9E+00

Table H-529 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						2.7E-10	9.8E-09	3.4E-11	3.3E-09			1.3E-08
Formaldehyde						6.4E-06	2.3E-08	8.6E-11	7.5E-09			6.4E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.0E-16	8.4E-14	1.6E-12	3.3E-13	1.2E-11	2.8E-11	1.1E-09	3.5E-12	3.7E-10	4.7E-18	3.9E-16	1.5E-09
1,2,3,4,6,7,8-HpCDF	9.9E-17	8.5E-14	1.6E-12	3.3E-13	1.2E-11	2.8E-11	1.1E-09	3.5E-12	3.7E-10	4.8E-18	3.9E-16	1.5E-09
1,2,3,4,7,8,9-HpCDF	1.6E-17	9.7E-15	1.9E-13	3.8E-14	1.5E-12	3.5E-12	1.4E-10	4.4E-13	4.8E-11	5.5E-19	4.7E-17	2.0E-10
1,2,3,4,7,8-HxCDD	1.2E-15	9.5E-14	1.8E-12	3.7E-13	1.4E-11	3.3E-11	1.3E-09	4.1E-12	4.5E-10	5.4E-18	4.6E-16	1.8E-09
1,2,3,4,7,8-HxCDF	8.4E-15	7.6E-13	1.5E-11	3.0E-12	1.1E-10	2.7E-10	1.1E-08	3.4E-11	3.6E-09	4.3E-17	3.6E-15	1.5E-08
1,2,3,6,7,8-HxCDD	2.4E-15	1.9E-13	3.8E-12	7.6E-13	3.0E-11	7.0E-11	2.8E-09	8.7E-12	9.4E-10	1.1E-17	9.3E-16	3.9E-09
1,2,3,6,7,8-HxCDF	3.1E-15	2.5E-13	4.8E-12	9.7E-13	3.8E-11	8.7E-11	3.6E-09	1.1E-11	1.2E-09	1.4E-17	1.2E-15	4.9E-09
1,2,3,7,8,9-HxCDD	3.3E-15	3.1E-13	5.9E-12	1.2E-12	4.7E-11	1.1E-10	4.3E-09	1.3E-11	1.4E-09	1.7E-17	1.5E-15	5.9E-09
1,2,3,7,8,9-HxCDF	2.7E-16	1.8E-14	3.5E-13	7.0E-14	2.7E-12	6.7E-12	2.7E-10	8.4E-13	9.1E-11	1.0E-18	8.6E-17	3.8E-10
1,2,3,7,8-PeCDD	7.7E-14	1.1E-12	2.1E-11	4.2E-12	1.7E-10	4.2E-10	1.7E-08	5.3E-11	5.7E-09	6.1E-17	5.2E-15	2.4E-08
1,2,3,7,8-PeCDF	5.4E-15	6.3E-14	1.2E-12	2.5E-13	9.8E-12	3.0E-11	1.2E-09	3.7E-12	4.1E-10	3.6E-18	3.1E-16	1.7E-09
2,3,4,6,7,8-HxCDF	4.5E-15	3.9E-13	7.3E-12	1.5E-12	5.7E-11	1.4E-10	5.4E-09	1.7E-11	1.8E-09	2.2E-17	1.8E-15	7.5E-09
2,3,4,7,8-PeCDF	8.3E-14	1.5E-12	3.0E-11	6.0E-12	2.3E-10	6.7E-10	2.7E-08	8.4E-11	9.1E-09	8.5E-17	7.4E-15	3.8E-08
2,3,7,8-TCDD	2.7E-14	2.2E-13	3.2E-12	8.7E-13	2.5E-11	1.7E-10	5.7E-09	2.1E-11	1.9E-09	8.7E-15	5.5E-13	7.8E-09
2,3,7,8-TCDF	8.8E-15	4.0E-14	8.0E-13	1.6E-13	6.3E-12	6.2E-11	2.6E-09	7.8E-12	8.5E-10	2.3E-18	2.0E-16	3.5E-09
OCDD	1.4E-20	5.7E-16	1.0E-14	2.2E-15	8.2E-14	1.8E-13	7.2E-12	2.3E-14	2.4E-12	3.2E-20	2.6E-18	1.0E-11
OCDF	5.0E-21	2.2E-16	3.9E-15	8.6E-16	3.1E-14	6.9E-14	2.7E-12	8.6E-15	8.9E-13	1.2E-20	9.7E-19	3.7E-12
DNT												
2,4-Dinitrotoluene		1.1E-08		1.3E-08						1.8E-13		2.3E-08
2,6-Dinitrotoluene		8.2E-08		9.8E-08								1.8E-07
HCN												
Hydrogen cyanide												

Table H-529 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum												
Antimony												
Arsenic	1.0E-16	7.7E-08	6.2E-18	1.8E-07	2.9E-17	2.2E-10	7.7E-09	2.7E-11	2.6E-09	4.3E-11	1.5E-20	2.7E-07
Barium												
Beryllium						8.8E-12	3.0E-10	1.1E-12	1.0E-10	1.1E-20	8.7E-19	4.1E-10
Cadmium						1.2E-10	4.1E-09	1.5E-11	1.4E-09	6.2E-21	5.2E-19	5.6E-09
Chromium												
Cobalt						7.6E-09	1.4E-07	9.5E-10	4.6E-08	7.3E-10	4.7E-13	1.9E-07
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						7.7E-11	2.7E-09	9.7E-12	8.9E-10	4.4E-10	3.7E-19	4.1E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		5.9E-19	1.2E-17	5.4E-19	2.2E-17							3.5E-17
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	3.8E-13	9.7E-09	2.3E-12	8.8E-09	4.2E-12	2.8E-11	1.2E-09	3.5E-12	4.1E-10	2.0E-11	2.1E-14	2.0E-08

Table H-529 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Outdoor Vapors at CJ	Inhalation of Outdoor Vapors at Home	Grand Total
Benzo(a)pyrene	1.9E-12	1.7E-07	9.9E-12	1.5E-07	1.8E-11	1.1E-10	4.6E-09	1.4E-11	1.5E-09	1.1E-12	2.9E-16	3.2E-07
Benzo(b)fluoranthene	5.2E-14	3.5E-08	5.3E-14	3.2E-08	9.7E-14	1.2E-11	5.0E-10	1.5E-12	1.7E-10	2.4E-13	1.6E-18	6.8E-08
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	3.8E-17	2.3E-10	2.6E-15	2.1E-10	4.8E-15	1.1E-13	2.0E-12	1.4E-14	6.5E-13	1.5E-14	7.7E-19	4.4E-10
Biphenyl				2.3E-18	9.6E-17							9.8E-17
Chrysene	6.6E-16	1.4E-10	2.6E-14	1.3E-10	4.8E-14	4.8E-12	2.0E-10	6.0E-13	6.6E-11	9.5E-15	7.8E-18	5.4E-10
Dibenzo(a,h)anthracene	9.3E-14	6.2E-09	3.3E-12	5.6E-09	6.0E-12	1.9E-11	7.9E-10	2.4E-12	2.6E-10	4.5E-14	1.1E-16	1.3E-08
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	2.3E-14	8.8E-09	9.4E-13	8.0E-09	1.7E-12	5.8E-12	2.4E-10	7.3E-13	8.0E-11	5.9E-14	2.8E-17	1.7E-08
Napthalene						4.3E-10	1.8E-08	5.4E-11	6.0E-09			2.5E-08
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	3.6E-17	2.1E-18	4.2E-17	1.8E-18	7.1E-17	1.6E-13	6.5E-12	2.0E-14	2.2E-12	4.8E-20	4.2E-18	8.9E-12
Heptachlorobiphenyl	3.9E-17	6.9E-18	1.3E-16	5.9E-18	2.3E-16	6.2E-14	2.5E-12	7.7E-15	8.4E-13	8.5E-20	7.2E-18	3.4E-12
Hexachlorobiphenyl	1.6E-16	3.1E-17	5.6E-16	2.6E-17	9.5E-16	2.6E-13	1.0E-11	3.3E-14	3.4E-12	3.8E-19	3.0E-17	1.4E-11
Monochlorobiphenyl	2.5E-16	1.5E-17	2.9E-16	1.2E-17	5.0E-16	1.1E-12	4.6E-11	1.4E-13	1.5E-11	3.3E-19	2.9E-17	6.2E-11
Nonachlorobiphenyl	4.9E-18	1.2E-18	1.9E-17	1.0E-18	3.2E-17	8.8E-15	3.1E-13	1.1E-15	1.0E-13	1.5E-20	1.0E-18	4.2E-13
Octachlorobiphenyl	1.2E-17	2.3E-18	4.1E-17	1.9E-18	6.9E-17	1.9E-14	7.4E-13	2.4E-15	2.5E-13	2.8E-20	2.2E-18	1.0E-12
Pentachlorobiphenyl	5.3E-16	1.1E-16	1.9E-15	9.5E-17	3.3E-15	8.9E-13	3.4E-11	1.1E-13	1.1E-11	1.4E-18	1.0E-16	4.6E-11
Tetrachlorobiphenyl	1.1E-17	8.1E-19	1.4E-17	6.8E-19	2.3E-17	5.2E-14	1.9E-12	6.5E-15	6.5E-13	1.8E-20	1.4E-18	2.6E-12
Trichlorobiphenyl	1.4E-17	9.7E-19	1.7E-17	8.2E-19	2.9E-17	6.5E-14	2.5E-12	8.2E-15	8.5E-13	2.2E-20	1.7E-18	3.5E-12
Pesticides												
DDE				1.5E-09						1.4E-11		1.5E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene						8.2E-08						8.2E-08

Table H-529 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-dichlorobenzene												
1,4-dichlorobenzene	4.3E-20					1.4E-12	6.4E-11	1.8E-13	2.1E-11			8.7E-11
1,4-Dioxane						3.1E-08						3.1E-08
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	5.9E-16	8.0E-15	1.4E-13	9.5E-15	3.4E-13	3.9E-11	1.5E-09	4.9E-12	5.1E-10	8.0E-20	6.3E-18	2.1E-09
Butyl benzyl phthalate	2.9E-17	5.3E-19	1.1E-17	6.3E-19	2.6E-17							6.6E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	4.5E-17					8.4E-11	1.5E-09	1.0E-11	5.0E-10			2.1E-09
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	6.0E-21					8.6E-14	2.9E-12	1.1E-14	9.7E-13			4.0E-12
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	2.8E-18											2.8E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	6.4E-20					3.6E-12	6.3E-11	4.4E-13	2.1E-11			8.9E-11
1,2-Dichloroethane	9.1E-20					7.6E-08	2.3E-10	2.2E-09	7.8E-11			7.9E-08
1,3,5-Trimethylbenzene												

Table H-529 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												
Benzene	9.3E-18					5.6E-08	2.3E-08	6.5E-09	7.6E-09			9.3E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	1.7E-21					3.0E-13	5.4E-12	3.8E-14	1.8E-12			7.5E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	8.1E-22					7.6E-08	2.0E-12	7.9E-09	6.7E-13			8.4E-08
Chlorobenzene												
Chlorodibromomethane	1.3E-19											1.3E-19
Chloroethane												
Chloroform	7.5E-21					5.0E-08	7.5E-11	4.7E-09	2.5E-11			5.4E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	1.4E-18					2.1E-08	1.6E-09	5.2E-12	5.3E-10			2.3E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	4.4E-21					1.5E-14	5.7E-13	1.9E-15	1.9E-13			7.8E-13
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	1.2E-22					2.7E-15	9.4E-14	3.4E-16	3.1E-14			1.3E-13
Toluene												

Table H-529 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	2.7E-23					1.6E-09	4.6E-14	3.2E-16	1.5E-14			1.6E-09
Trichlorofluoromethane												
Vinyl chloride	3.0E-20					1.9E-12	4.5E-11	2.3E-13	1.5E-11			6.3E-11
Grand Total	2.7E-12	3.9E-07	1.1E-10	5.0E-07	8.0E-10	6.8E-06	3.2E-07	2.3E-08	1.1E-07	1.3E-09	1.1E-12	8.1E-06

Table H-530 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	1.5E-03	5.2E-06	5.0E-04			2.0E-03
Aldehydes												
Acetaldehyde						1.6E-04	5.8E-03	2.0E-05	1.9E-03			7.9E-03
Formaldehyde	2.3E-12					5.8E-01	2.1E-03	7.9E-06	6.9E-04			5.9E-01
Propionaldehyde						2.0E-05	7.2E-04	2.5E-06	2.4E-04	2.1E-12	1.5E-10	9.8E-04
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.5E-07	2.0E-07	5.9E-06	1.3E-06	4.3E-05	1.6E-07	1.4E-05	1.2E-10	7.8E-09	6.6E-05
2,3,7,8-TCDF												
OCDD												
OCDF												
DNT												
2,4-Dinitrotoluene		2.0E-04		2.4E-04								4.4E-04
2,6-Dinitrotoluene		2.1E-03		2.5E-03								4.7E-03
HCN												
Hydrogen cyanide						2.0E-04	7.7E-03	2.5E-05	2.6E-03			1.1E-02

Table H-530 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum				7.9E-03						7.7E-05		7.9E-03
Antimony	3.9E-14			7.6E-04								7.6E-04
Arsenic	2.7E-12	2.0E-03	1.6E-13	4.7E-03	7.6E-13	4.0E-05	1.4E-03	4.9E-06	4.7E-04	7.7E-06	2.7E-15	8.6E-03
Barium	1.2E-11			1.6E-08	5.4E-07	2.5E-04	6.8E-03	3.1E-05	2.3E-03	3.1E-10	2.3E-08	9.3E-03
Beryllium	1.7E-14			5.2E-13	2.0E-11	2.1E-06	7.3E-05	2.7E-07	2.4E-05	2.6E-15	2.1E-13	9.9E-05
Cadmium	8.3E-12			8.2E-13	3.1E-11	7.6E-05	2.6E-03	9.5E-06	8.8E-04	4.0E-15	3.4E-13	3.6E-03
Chromium	1.7E-15			5.5E-11	2.2E-09							2.2E-09
Cobalt				6.5E-02	3.3E-05	1.6E-03	3.0E-02	2.0E-04	9.9E-03	1.6E-04	1.8E-07	1.1E-01
Copper				8.4E-09	3.2E-07							3.3E-07
Iron				2.4E-02								2.4E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.5E-09	7.8E-08	2.8E-06	9.8E-09	9.2E-07	5.6E-15	3.8E-13	3.8E-06
Mercury, elemental						3.3E-10	1.2E-08	4.1E-11	3.8E-09	9.6E-05		9.6E-05
Methyl Mercury	8.7E-11			2.0E-11	7.9E-10							8.9E-10
Nickel	1.7E-13			2.0E-02	7.8E-12	3.9E-05	1.3E-03	4.8E-06	4.4E-04	2.2E-04	1.9E-13	2.2E-02
Phosphorus				3.7E-10	1.4E-08							1.4E-08
Selenium	5.5E-14			8.1E-15	3.1E-13	8.7E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-20	8.4E-18	4.2E-07
Silver	4.2E-14			1.7E-10	6.2E-09							6.4E-09
Thallium (Soluble Salts)				1.1E-02								1.1E-02
Titanium												
Zinc	1.4E-11			6.1E-13	2.2E-11							3.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	6.9E-14	3.1E-15	1.3E-13							2.0E-13
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	1.2E-12	5.2E-14	2.1E-12							3.4E-12
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												

Table H-530 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	2.8E-13	2.8E-04	1.2E-02	3.5E-05	3.9E-03	4.9E-12	4.5E-10	1.6E-02
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	3.4E-11	1.5E-12	6.3E-11							1.1E-10
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	2.1E-03	6.2E-06	6.9E-04			2.8E-03
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.7E-10	7.6E-12	3.1E-10							5.1E-10
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.8E-10	7.8E-12	3.1E-10							6.0E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	7.2E-11	3.2E-12	1.2E-10	9.8E-10	3.9E-08	1.2E-10	1.3E-08	2.5E-15	2.1E-13	5.4E-08
Hexachlorobiphenyl	4.6E-11	1.7E-11	3.0E-10	1.4E-11	5.1E-10	4.1E-06	1.6E-04	5.1E-07	5.3E-05	1.1E-11	8.8E-10	2.2E-04
Monochlorobiphenyl	6.1E-10	6.4E-11	1.3E-09	5.4E-11	2.2E-09							4.2E-09
Nonachlorobiphenyl	1.4E-12	6.6E-13	1.0E-11	5.6E-13	1.7E-11							3.0E-11
Octachlorobiphenyl	3.4E-12	1.2E-12	2.2E-11	1.0E-12	3.7E-11							6.5E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	1.0E-09	5.1E-11	1.8E-09	4.6E-05	1.7E-03	5.7E-06	5.7E-04	1.3E-10	9.9E-09	2.3E-03
Tetrachlorobiphenyl	2.6E-11	3.5E-12	6.0E-11	3.0E-12	1.0E-10	2.3E-07	8.7E-06	2.9E-08	2.9E-06	1.5E-13	1.1E-11	1.2E-05
Trichlorobiphenyl	3.4E-11	4.3E-12	7.6E-11	3.6E-12	1.3E-10							2.5E-10
Pesticides												
DDE												
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	4.3E-06	1.7E-08	1.4E-06			5.9E-06
1,2-dichlorobenzene	3.1E-17					5.4E-10	9.7E-09	6.8E-11	3.2E-09			1.4E-08
1,3-Butadiene						1.6E-02						1.6E-02

Table H-530 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	8.5E-08	2.4E-10	2.8E-08			1.2E-07
1,4-Dioxane						2.4E-03						2.4E-03
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	3.9E-06	1.2E-08	1.3E-06			5.3E-06
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	6.0E-09	4.0E-10	1.4E-08							2.1E-08
Butyl benzyl phthalate	8.8E-13	1.6E-14	3.3E-13	1.9E-14	7.9E-13							2.0E-12
Carbazole												
Dibenzofuran		1.4E-13	2.9E-12	5.7E-13	2.3E-11							2.6E-11
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	6.7E-13	3.9E-14	1.6E-12							1.9E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	8.7E-12	1.1E-12	2.1E-11							3.1E-11
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						4.1E-03						4.1E-03
Phenol	4.9E-13					1.5E-06	6.2E-05	1.9E-07	2.1E-05			8.5E-05
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	1.0E-09	3.3E-12	3.3E-10			1.4E-09
1,1-Dichloroethene	1.2E-19					1.3E-10	2.3E-09	1.6E-11	7.7E-10			3.2E-09
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	6.4E-06	4.5E-08	2.1E-06			9.0E-06
1,2,4-Trimethylbenzene						8.9E-07	2.8E-05	1.1E-07	9.4E-06			3.9E-05
1,2-Dibromoethane	4.1E-17					7.7E-09	1.4E-07	9.6E-10	4.6E-08			1.9E-07
1,2-Dichloroethane	1.9E-15					4.9E-03	1.5E-05	1.4E-04	5.0E-06			5.1E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15

Table H-530 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	2.6E-07	8.3E-10	8.7E-08			3.6E-07
2-Chlorotoluene												
2-Hexanone						2.3E-07	8.2E-06	2.8E-08	2.7E-06			1.1E-05
Benzene	4.9E-13					2.8E-03	1.1E-03	3.2E-04	3.8E-04			4.7E-03
Bromobenzene						6.2E-07	1.1E-05	7.8E-08	3.7E-06			1.5E-05
Bromochloromethane						2.2E-09	3.9E-08	2.8E-10	1.3E-08			5.5E-08
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	2.3E-05	9.5E-08	7.6E-06			3.1E-05
Carbon disulfide	1.3E-17					4.8E-09	1.4E-07	6.0E-10	4.7E-08			1.9E-07
Carbon tetrachloride	3.4E-17					1.5E-03	3.9E-08	1.5E-04	1.3E-08			1.6E-03
Chlorobenzene	2.3E-15					9.6E-08	3.4E-06	1.2E-08	1.1E-06			4.7E-06
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	3.2E-08	1.1E-10	1.1E-08			4.3E-08
Chloroform	2.8E-16					2.6E-04	3.9E-07	2.4E-05	1.3E-07			2.8E-04
Chloromethane						3.4E-07	1.0E-05	4.3E-08	3.5E-06			1.4E-05
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	9.1E-07	6.4E-09	3.0E-07			1.3E-06
Dichlorodifluoromethane	2.4E-20					2.5E-09	4.4E-08	3.1E-10	1.5E-08			6.2E-08
Ethylbenzene	1.5E-14					9.6E-05	7.4E-06	2.4E-08	2.5E-06			1.1E-04
Isopropylbenzene	2.0E-17					3.9E-08	1.3E-06	4.9E-09	4.5E-07			1.8E-06
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.1E-09	1.5E-11	7.1E-10			3.0E-09
Methylene chloride	4.3E-15					3.0E-08	1.1E-06	3.8E-09	3.7E-07			1.5E-06
n-Butylbenzene												
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07			4.2E-07
o-Xylene	1.4E-15					2.3E-07	7.6E-06	2.9E-08	2.5E-06			1.0E-05
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.9E-05	6.4E-08	6.2E-06			2.5E-05
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	1.1E-07	3.8E-10	3.5E-08			1.4E-07
Toluene	2.0E-14					6.3E-08	2.5E-06	7.9E-09	8.3E-07			3.4E-06

Table H-530 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.3E-03	6.5E-08	4.5E-10	2.2E-08			2.3E-03
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.2E-06	6.2E-09	4.0E-07			1.7E-06
Grand Total	4.8E-09	4.3E-03	7.6E-07	1.4E-01	4.0E-05	6.2E-01	7.7E-02	1.0E-03	2.6E-02	5.6E-04	2.2E-07	8.6E-01

Table H-531 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			2.7E-10	3.4E-11		3.1E-10
Formaldehyde			6.9E-10	8.6E-11		7.7E-10
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	8.4E-14	3.3E-13	2.8E-11	3.5E-12	4.7E-18	3.1E-11
1,2,3,4,6,7,8-HpCDF	8.5E-14	3.3E-13	2.8E-11	3.5E-12	4.8E-18	3.2E-11
1,2,3,4,7,8,9-HpCDF	9.7E-15	3.8E-14	3.5E-12	4.4E-13	5.5E-19	4.0E-12
1,2,3,4,7,8-HxCDD	9.5E-14	3.7E-13	3.3E-11	4.1E-12	5.4E-18	3.8E-11
1,2,3,4,7,8-HxCDF	7.6E-13	3.0E-12	2.7E-10	3.4E-11	4.3E-17	3.1E-10
1,2,3,6,7,8-HxCDD	1.9E-13	7.6E-13	7.0E-11	8.7E-12	1.1E-17	7.9E-11
1,2,3,6,7,8-HxCDF	2.5E-13	9.7E-13	8.7E-11	1.1E-11	1.4E-17	9.9E-11
1,2,3,7,8,9-HxCDD	3.1E-13	1.2E-12	1.1E-10	1.3E-11	1.7E-17	1.2E-10
1,2,3,7,8,9-HxCDF	1.8E-14	7.0E-14	6.7E-12	8.4E-13	1.0E-18	7.6E-12
1,2,3,7,8-PeCDD	1.1E-12	4.2E-12	4.2E-10	5.3E-11	6.1E-17	4.8E-10

Table H-531 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	6.3E-14	2.5E-13	3.0E-11	3.7E-12	3.6E-18	3.4E-11
2,3,4,6,7,8-HxCDF	3.9E-13	1.5E-12	1.4E-10	1.7E-11	2.2E-17	1.5E-10
2,3,4,7,8-PeCDF	1.5E-12	6.0E-12	6.7E-10	8.4E-11	8.5E-17	7.6E-10
2,3,7,8-TCDD	2.2E-13	8.7E-13	1.7E-10	2.1E-11	8.7E-15	1.9E-10
2,3,7,8-TCDF	4.0E-14	1.6E-13	6.2E-11	7.8E-12	2.3E-18	7.0E-11
OCDD	5.7E-16	2.2E-15	1.8E-13	2.3E-14	3.2E-20	2.1E-13
OCDF	2.2E-16	8.6E-16	6.9E-14	8.6E-15	1.2E-20	7.9E-14
HCN						
Hydrogen cyanide						
Metals						
Aluminum						
Antimony						
Arsenic	2.5E-08	5.9E-08	2.2E-10	2.7E-11	1.4E-11	8.5E-08
Barium						
Beryllium			8.8E-12	1.1E-12	1.1E-20	9.9E-12
Cadmium			1.2E-10	1.5E-11	6.2E-21	1.3E-10
Chromium						
Cobalt			7.6E-09	9.5E-10	6.8E-10	9.2E-09
Copper						
Iron						
Lead						
Manganese						
Mercury (+2)						

Table H-531 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental						
Methyl Mercury						
Nickel			7.7E-11	9.7E-12	4.3E-10	5.2E-10
Phosphorus						
Selenium						
Silver						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	5.9E-19	5.4E-19				1.1E-18
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	5.6E-07	5.1E-07	2.8E-11	3.5E-12	1.2E-09	1.1E-06
Benzo(a)pyrene	4.7E-06	4.3E-06	1.1E-10	1.4E-11	3.2E-11	9.0E-06
Benzo(b)fluoranthene	7.7E-07	7.0E-07	1.2E-11	1.5E-12	5.1E-12	1.5E-06
Benzo(e)pyrene						

Table H-531 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	4.1E-08	3.8E-08	1.1E-13	1.4E-14	2.8E-12	7.9E-08
Biphenyl		2.3E-18				2.3E-18
Chrysene	5.9E-09	5.4E-09	4.8E-12	6.0E-13	4.0E-13	1.1E-08
Dibenze(a,h)anthracene	9.1E-07	8.3E-07	1.9E-11	2.4E-12	6.7E-12	1.7E-06
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	1.2E-07	1.1E-07	5.8E-12	7.3E-13	8.1E-13	2.3E-07
Napthalene			4.3E-10	5.4E-11	7.2E-10	1.2E-09
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	2.1E-18	1.8E-18	1.6E-13	2.0E-14	4.8E-20	1.8E-13
Heptachlorobiphenyl	6.9E-18	5.9E-18	6.2E-14	7.7E-15	8.5E-20	7.0E-14
Hexachlorobiphenyl	3.1E-17	2.6E-17	2.6E-13	3.3E-14	3.8E-19	2.9E-13
Monochlorobiphenyl	1.5E-17	1.2E-17	1.1E-12	1.4E-13	3.3E-19	1.2E-12
Nonachlorobiphenyl	1.2E-18	1.0E-18	8.8E-15	1.1E-15	1.5E-20	9.9E-15
Octachlorobiphenyl	2.3E-18	1.9E-18	1.9E-14	2.4E-15	2.8E-20	2.1E-14

Table H-531 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Pentachlorobiphenyl	1.1E-16	9.5E-17	8.9E-13	1.1E-13	1.4E-18	1.0E-12
Tetrachlorobiphenyl	8.1E-19	6.8E-19	5.2E-14	6.5E-15	1.8E-20	5.8E-14
Trichlorobiphenyl	9.7E-19	8.2E-19	6.5E-14	8.2E-15	2.2E-20	7.4E-14
Pesticides						
DDE		1.9E-08			1.7E-10	1.9E-08
Dieldrin	8.4E-08	1.0E-07			1.4E-12	1.8E-07
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-Butadiene			7.0E-08			7.0E-08
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.4E-12	1.8E-13		1.6E-12
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	8.0E-15	9.5E-15	3.9E-11	4.9E-12	8.0E-20	4.4E-11
Butyl benzyl phthalate	5.3E-19	6.3E-19				1.2E-18

Table H-531 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			8.4E-11	1.0E-11		9.4E-11
Isopropanol						
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			8.6E-14	1.1E-14		9.6E-14
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			3.6E-12	4.4E-13		4.0E-12
1,2-Dichloroethane			6.2E-12	2.2E-09		2.2E-09
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						

Table H-531 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
2-Chlorotoluene						
2-Hexanone						
Benzene			7.3E-08	6.5E-09		8.0E-08
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			3.0E-13	3.8E-14		3.4E-13
Bromomethane						
Carbon disulfide						
Carbon tetrachloride			7.2E-08	7.9E-09		8.0E-08
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			6.3E-08	4.7E-09		6.8E-08
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			1.1E-08	5.2E-12		1.1E-08
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			1.5E-14	1.9E-15		1.7E-14

Table H-531 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethene			2.7E-15	3.4E-16		3.0E-15
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			1.3E-08	3.2E-16		1.3E-08
Trichlorofluoromethane						
Vinyl chloride			1.1E-09	2.3E-13		1.1E-09
Grand Total	7.2E-06	6.7E-06	3.2E-07	2.3E-08	3.2E-09	1.4E-05

Table H-532 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			4.2E-05	5.2E-06		4.7E-05
Aldehydes						
Acetaldehyde			1.6E-04	2.0E-05		1.8E-04
Formaldehyde			6.3E-05	7.9E-06		7.1E-05
Propionaldehyde			2.0E-05	2.5E-06	2.1E-12	2.2E-05
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-532 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	5.2E-08	2.0E-07	1.3E-06	1.6E-07	1.2E-10	1.7E-06
2,3,7,8-TCDF						
OCDD						
OCDF						
HCN						
Hydrogen cyanide			2.0E-04	2.5E-05		2.2E-04
Metals						
Aluminum		9.4E-03			9.2E-05	9.5E-03
Antimony		1.1E-03				1.1E-03
Arsenic	6.5E-04	1.5E-03	4.0E-05	4.9E-06	2.5E-06	2.2E-03
Barium		1.6E-08	2.5E-04	3.1E-05	3.1E-10	2.8E-04
Beryllium		5.2E-13	2.1E-06	2.7E-07	2.6E-15	2.4E-06
Cadmium		8.2E-13	7.6E-05	9.5E-06	4.0E-15	8.5E-05
Chromium		5.5E-11				5.5E-11
Cobalt		6.0E-02	1.6E-03	2.0E-04	1.5E-04	6.2E-02
Copper		8.4E-09				8.4E-09
Iron		2.5E-02				2.5E-02
Lead						
Manganese						
Mercury (+2)		1.1E-10	7.8E-08	9.8E-09	5.6E-15	8.8E-08

Table H-532 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental			3.3E-10	4.1E-11	1.4E-04	1.4E-04
Methyl Mercury		2.0E-11				2.0E-11
Nickel		2.0E-02	3.9E-05	4.8E-06	2.2E-04	2.0E-02
Phosphorus		3.7E-10				3.7E-10
Selenium		8.1E-15	8.7E-09	1.1E-09	9.9E-20	9.8E-09
Silver		1.7E-10				1.7E-10
Titanium						
Zinc		6.1E-13				6.1E-13
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.4E-15	3.1E-15				6.5E-15
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	5.8E-14	5.2E-14				1.1E-13
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						
Benzo(e)pyrene						

Table H-532 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						
Biphenyl		6.7E-15	2.8E-04	3.5E-05	4.9E-12	3.1E-04
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	1.7E-12	1.5E-12				3.2E-12
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene	9.4E-06	8.5E-06	5.0E-05	6.2E-06	8.2E-05	1.6E-04
Perylene						
Phenanthrene						
Pyrene	8.3E-12	7.6E-12				1.6E-11
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	9.3E-12	7.8E-12				1.7E-11
Heptachlorobiphenyl	3.7E-12	3.2E-12	9.8E-10	1.2E-10	2.5E-15	1.1E-09
Hexachlorobiphenyl	1.7E-11	1.4E-11	4.1E-06	5.1E-07	1.1E-11	4.6E-06
Monochlorobiphenyl	6.4E-11	5.4E-11				1.2E-10
Nonachlorobiphenyl	6.6E-13	5.6E-13				1.2E-12
Octachlorobiphenyl	1.2E-12	1.0E-12				2.2E-12

Table H-532 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Pentachlorobiphenyl	6.1E-11	5.1E-11	4.6E-05	5.7E-06	1.3E-10	5.1E-05
Tetrachlorobiphenyl	3.5E-12	3.0E-12	2.3E-07	2.9E-08	1.5E-13	2.6E-07
Trichlorobiphenyl	4.3E-12	3.6E-12				7.8E-12
Pesticides						
DDE						
Dieldrin	1.2E-03	1.5E-03				2.7E-03
SVOCs						
1,2,4-trichlorobenzene			1.3E-07	1.7E-08		1.5E-07
1,2-dichlorobenzene			5.4E-10	6.8E-11		6.1E-10
1,3-Butadiene			1.4E-02			1.4E-02
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.9E-09	2.4E-10		2.1E-09
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			9.3E-08	1.2E-08		1.0E-07
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-10	4.0E-10				7.4E-10
Butyl benzyl phthalate	1.6E-14	1.9E-14				3.6E-14

Table H-532 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbazole						
Dibenzofuran	1.4E-13	5.7E-13				7.1E-13
Dimethyl phthalate						
Di-n-butyl phthalate	3.3E-14	3.9E-14				7.1E-14
Di-n-octyl phthalate	9.4E-13	1.1E-12				2.1E-12
Hexachlorobutadiene						
Isopropanol			1.6E-02			1.6E-02
Phenol			1.5E-06	1.9E-07		1.7E-06
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			2.7E-11	3.3E-12		3.0E-11
1,1-Dichloroethene			1.3E-10	1.6E-11		1.5E-10
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.6E-07	4.5E-08		4.1E-07
1,2,4-Trimethylbenzene			8.9E-07	1.1E-07		1.0E-06
1,2-Dibromoethane			7.7E-09	9.6E-10		8.6E-09
1,2-Dichloroethane			4.0E-07	1.4E-04		1.4E-04
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone			6.6E-09	8.3E-10		7.4E-09

Table H-532 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
2-Chlorotoluene						
2-Hexanone			2.3E-07	2.8E-08		2.5E-07
Benzene			3.7E-03	3.2E-04		4.0E-03
Bromobenzene			6.2E-07	7.8E-08		7.0E-07
Bromochloromethane			2.2E-09	2.8E-10		2.5E-09
Bromodichloromethane						
Bromomethane			7.6E-07	9.5E-08		8.6E-07
Carbon disulfide			4.8E-09	6.0E-10		5.4E-09
Carbon tetrachloride			1.4E-03	1.5E-04		1.5E-03
Chlorobenzene			9.6E-08	1.2E-08		1.1E-07
Chlorodibromomethane						
Chloroethane			9.1E-10	1.1E-10		1.0E-09
Chloroform			3.3E-04	2.4E-05		3.5E-04
Chloromethane			3.4E-07	4.3E-08		3.9E-07
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			5.1E-08	6.4E-09		5.7E-08
Dichlorodifluoromethane			2.5E-09	3.1E-10		2.8E-09
Ethylbenzene			5.3E-05	2.4E-08		5.3E-05
Isopropylbenzene			3.9E-08	4.9E-09		4.4E-08
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.2E-10	1.5E-11		1.3E-10
Methylene chloride			3.0E-08	3.8E-09		3.4E-08

Table H-532 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene			9.4E-09	1.2E-09		1.1E-08
o-Xylene			2.3E-07	2.9E-08		2.6E-07
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			5.1E-07	6.4E-08		5.7E-07
tert-Butylbenzene						
Tetrachloroethene			3.0E-09	3.8E-10		3.4E-09
Toluene			6.3E-08	7.9E-09		7.1E-08
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			1.8E-02	4.5E-10		1.8E-02
Trichlorofluoromethane						
Vinyl chloride			3.0E-05	6.2E-09		3.0E-05
Grand Total	1.9E-03	1.2E-01	5.6E-02	1.0E-03	6.9E-04	1.8E-01

Table H-533 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						2.7E-10	6.3E-10	3.4E-11	3.4E-11			9.7E-10
Formaldehyde						6.9E-10	1.6E-09	8.6E-11	8.6E-11			2.4E-09
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.0E-16	8.4E-14	1.2E-13	3.3E-13	9.2E-13	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.7E-18	2.9E-17	1.0E-10
1,2,3,4,6,7,8-HpCDF	9.9E-17	8.5E-14	1.2E-13	3.3E-13	9.3E-13	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.8E-18	2.9E-17	1.0E-10
1,2,3,4,7,8,9-HpCDF	1.6E-17	9.7E-15	1.4E-14	3.8E-14	1.1E-13	3.5E-12	8.2E-12	4.4E-13	4.4E-13	5.5E-19	3.4E-18	1.3E-11
1,2,3,4,7,8-HxCDD	1.2E-15	9.5E-14	1.3E-13	3.7E-13	1.0E-12	3.3E-11	7.6E-11	4.1E-12	4.1E-12	5.4E-18	3.3E-17	1.2E-10
1,2,3,4,7,8-HxCDF	8.4E-15	7.6E-13	1.1E-12	3.0E-12	8.3E-12	2.7E-10	6.2E-10	3.4E-11	3.4E-11	4.3E-17	2.6E-16	9.7E-10
1,2,3,6,7,8-HxCDD	2.4E-15	1.9E-13	2.7E-13	7.6E-13	2.1E-12	7.0E-11	1.6E-10	8.7E-12	8.7E-12	1.1E-17	6.7E-17	2.5E-10
1,2,3,6,7,8-HxCDF	3.1E-15	2.5E-13	3.5E-13	9.7E-13	2.7E-12	8.7E-11	2.0E-10	1.1E-11	1.1E-11	1.4E-17	8.6E-17	3.2E-10
1,2,3,7,8,9-HxCDD	3.3E-15	3.1E-13	4.3E-13	1.2E-12	3.4E-12	1.1E-10	2.4E-10	1.3E-11	1.3E-11	1.7E-17	1.1E-16	3.8E-10
1,2,3,7,8,9-HxCDF	2.7E-16	1.8E-14	2.5E-14	7.0E-14	1.9E-13	6.7E-12	1.5E-11	8.4E-13	8.4E-13	1.0E-18	6.1E-18	2.4E-11
1,2,3,7,8-PeCDD	7.7E-14	1.1E-12	1.5E-12	4.2E-12	1.2E-11	4.2E-10	9.7E-10	5.3E-11	5.3E-11	6.1E-17	3.7E-16	1.5E-09
1,2,3,7,8-PeCDF	5.4E-15	6.3E-14	8.8E-14	2.5E-13	7.0E-13	3.0E-11	6.9E-11	3.7E-12	3.7E-12	3.6E-18	2.2E-17	1.1E-10
2,3,4,6,7,8-HxCDF	4.5E-15	3.9E-13	5.4E-13	1.5E-12	4.3E-12	1.4E-10	3.1E-10	1.7E-11	1.7E-11	2.2E-17	1.3E-16	4.9E-10
2,3,4,7,8-PeCDF	8.3E-14	1.5E-12	2.1E-12	6.0E-12	1.7E-11	6.7E-10	1.6E-09	8.4E-11	8.4E-11	8.5E-17	5.3E-16	2.4E-09
2,3,7,8-TCDD	2.7E-14	2.2E-13	3.1E-13	8.7E-13	2.4E-12	1.7E-10	3.9E-10	2.1E-11	2.1E-11	8.7E-15	5.3E-14	6.0E-10
2,3,7,8-TCDF	8.8E-15	4.0E-14	5.6E-14	1.6E-13	4.4E-13	6.2E-11	1.4E-10	7.8E-12	7.8E-12	2.3E-18	1.4E-17	2.2E-10
OCDD	1.4E-20	5.7E-16	7.9E-16	2.2E-15	6.2E-15	1.8E-13	4.2E-13	2.3E-14	2.3E-14	3.2E-20	2.0E-19	6.6E-13
OCDF	5.0E-21	2.2E-16	3.1E-16	8.6E-16	2.4E-15	6.9E-14	1.6E-13	8.6E-15	8.6E-15	1.2E-20	7.6E-20	2.5E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-533 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.0E-16	2.5E-08	3.0E-08	5.9E-08	1.4E-07	2.2E-10	5.1E-10	2.7E-11	2.7E-11	1.4E-11	7.2E-11	2.5E-07
Barium												
Beryllium						8.8E-12	2.0E-11	1.1E-12	1.1E-12	1.1E-20	6.5E-20	3.1E-11
Cadmium						1.2E-10	2.7E-10	1.5E-11	1.5E-11	6.2E-21	3.8E-20	4.2E-10
Chromium												
Cobalt						7.6E-09	1.8E-08	9.5E-10	9.5E-10	6.8E-10	3.1E-09	3.1E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						7.7E-11	1.8E-10	9.7E-12	9.7E-12	4.3E-10	1.7E-09	2.4E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		5.9E-19	8.3E-19	5.4E-19	1.5E-18							3.5E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	3.8E-13	5.6E-07	3.2E-08	5.1E-07	5.8E-08	2.8E-11	6.5E-11	3.5E-12	3.5E-12	1.2E-09	7.1E-09	1.2E-06
Benzo(a)pyrene	1.9E-12	4.7E-06	3.5E-07	4.3E-06	6.4E-07	1.1E-10	2.6E-10	1.4E-11	1.4E-11	3.2E-11	1.0E-11	1.0E-05
Benzo(b)fluoranthene	5.2E-14	7.7E-07	4.9E-08	7.0E-07	9.0E-08	1.2E-11	2.9E-11	1.5E-12	1.5E-12	5.1E-12	1.5E-12	1.6E-06
Benzo(e)pyrene												

Table H-533 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	3.8E-17	4.1E-08	2.5E-09	3.8E-08	4.5E-09	1.1E-13	2.5E-13	1.4E-14	1.4E-14	2.8E-12	7.4E-13	8.6E-08
Biphenyl				2.3E-18	6.4E-18							8.7E-18
Chrysene	6.6E-16	5.9E-09	3.6E-10	5.4E-09	6.5E-10	4.8E-12	1.1E-11	6.0E-13	6.0E-13	4.0E-13	1.1E-13	1.2E-08
Dibenze(a,h)anthracene	9.3E-14	9.1E-07	8.7E-08	8.3E-07	1.6E-07	1.9E-11	4.4E-11	2.4E-12	2.4E-12	6.7E-12	2.8E-12	2.0E-06
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	2.3E-14	1.2E-07	2.3E-08	1.1E-07	4.1E-08	5.8E-12	1.3E-11	7.3E-13	7.3E-13	8.1E-13	6.7E-13	2.9E-07
Napthalene						4.3E-10	1.0E-09	5.4E-11	5.4E-11	7.2E-10	4.4E-09	6.7E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	3.6E-17	2.1E-18	3.0E-18	1.8E-18	5.0E-18	1.6E-13	3.7E-13	2.0E-14	2.0E-14	4.8E-20	2.9E-19	5.7E-13
Heptachlorobiphenyl	3.9E-17	6.9E-18	9.7E-18	5.9E-18	1.6E-17	6.2E-14	1.4E-13	7.7E-15	7.7E-15	8.5E-20	5.2E-19	2.2E-13
Hexachlorobiphenyl	1.6E-16	3.1E-17	4.4E-17	2.6E-17	7.4E-17	2.6E-13	6.0E-13	3.3E-14	3.3E-14	3.8E-19	2.4E-18	9.3E-13
Monochlorobiphenyl	2.5E-16	1.5E-17	2.1E-17	1.2E-17	3.5E-17	1.1E-12	2.6E-12	1.4E-13	1.4E-13	3.3E-19	2.0E-18	4.0E-12
Nonachlorobiphenyl	4.9E-18	1.2E-18	1.7E-18	1.0E-18	2.9E-18	8.8E-15	2.0E-14	1.1E-15	1.1E-15	1.5E-20	9.2E-20	3.1E-14
Octachlorobiphenyl	1.2E-17	2.3E-18	3.1E-18	1.9E-18	5.3E-18	1.9E-14	4.4E-14	2.4E-15	2.4E-15	2.8E-20	1.7E-19	6.8E-14
Pentachlorobiphenyl	5.3E-16	1.1E-16	1.6E-16	9.5E-17	2.7E-16	8.9E-13	2.1E-12	1.1E-13	1.1E-13	1.4E-18	8.5E-18	3.2E-12
Tetrachlorobiphenyl	1.1E-17	8.1E-19	1.1E-18	6.8E-19	1.9E-18	5.2E-14	1.2E-13	6.5E-15	6.5E-15	1.8E-20	1.1E-19	1.8E-13
Trichlorobiphenyl	1.4E-17	9.7E-19	1.4E-18	8.2E-19	2.3E-18	6.5E-14	1.5E-13	8.2E-15	8.2E-15	2.2E-20	1.4E-19	2.3E-13
Pesticides												
DDE				1.9E-08	6.4E-09					1.7E-10	1.0E-09	2.6E-08
Dieldrin		8.4E-08	1.4E-08	1.0E-07	3.2E-08					1.4E-12	1.0E-12	2.3E-07
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene						7.0E-08						7.0E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	4.3E-20					1.4E-12	3.3E-12	1.8E-13	1.8E-13			5.1E-12

Table H-533 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	5.9E-16	8.0E-15	1.1E-14	9.5E-15	2.7E-14	3.9E-11	9.0E-11	4.9E-12	4.9E-12	8.0E-20	4.9E-19	1.4E-10
Butyl benzyl phthalate	2.9E-17	5.3E-19	7.4E-19	6.3E-19	1.8E-18							3.2E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	4.5E-17					8.4E-11	1.9E-10	1.0E-11	1.0E-11			3.0E-10
Isopropanol												
p-Chloroaniline			5.6E-09		1.3E-08							1.9E-08
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	6.0E-21					8.6E-14	2.0E-13	1.1E-14	1.1E-14			3.0E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	2.8E-18											2.8E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	6.4E-20					3.6E-12	8.2E-12	4.4E-13	4.4E-13			1.3E-11
1,2-Dichloroethane	9.1E-20					6.2E-12	9.8E-08	2.2E-09	2.2E-09			1.0E-07
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												

Table H-533 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorotoluene												
2-Hexanone												
Benzene	9.3E-18					7.3E-08	1.8E-07	6.5E-09	6.5E-09			2.7E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	1.7E-21					3.0E-13	1.1E-06	3.8E-14	3.8E-14			1.1E-06
Bromoform							1.4E-07					1.4E-07
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	8.1E-22					7.2E-08	2.0E-07	7.9E-09	7.9E-09			2.9E-07
Chlorobenzene												
Chlorodibromomethane	1.3E-19											1.3E-19
Chloroethane												
Chloroform	7.5E-21					6.3E-08	1.6E-06	4.7E-09	4.7E-09			1.6E-06
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	1.4E-18					1.1E-08	4.7E-08	5.2E-12	5.2E-12			5.9E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	4.4E-21					1.5E-14	3.6E-14	1.9E-15	1.9E-15			5.5E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	1.2E-22					2.7E-15	6.2E-15	3.4E-16	3.4E-16			9.6E-15
Toluene												
trans-1,2-Dichloroethene												

Table H-533 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,3-Dichloropropene												
Trichloroethene	2.7E-23					1.3E-08	1.6E-07	3.2E-16	3.2E-16			1.7E-07
Trichlorofluoromethane												
Vinyl chloride	3.0E-20					1.1E-09	4.3E-12	2.3E-13	2.3E-13			1.1E-09
Grand Total	2.7E-12	7.2E-06	5.9E-07	6.7E-06	1.2E-06	3.2E-07	3.5E-06	2.3E-08	2.3E-08	3.2E-09	1.7E-08	2.0E-05

Table H-534 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					6.3E-05	1.5E-04	7.9E-06	7.9E-06			2.2E-04
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				9.4E-03	2.0E-02					9.2E-05	4.2E-04	3.0E-02
Antimony	3.9E-14			1.1E-03	3.6E-03							4.7E-03

Table H-534 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	6.5E-04	7.7E-04	1.5E-03	3.6E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	2.5E-06	1.3E-05	6.7E-03
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt				6.0E-02	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	1.5E-04	6.6E-04	1.9E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				2.5E-02	5.4E-02							7.8E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.4E-04	8.9E-04	1.0E-03
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.0E-02	3.5E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	2.2E-04	8.5E-04	5.7E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Thallium (Soluble Salts)					1.7E-02							1.7E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-534 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12	9.4E-06		8.5E-06		5.0E-05	1.1E-04	6.2E-06	6.2E-06	8.2E-05	5.0E-04	7.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
DDE												
Dieldrin		1.2E-03	2.0E-04	1.5E-03	4.7E-04							3.4E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.4E-02						1.4E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09

Table H-534 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.6E-02	1.1E-02					2.7E-02
p-Chloroaniline			8.2E-05		1.9E-04							2.8E-04
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	6.3E-03	1.4E-04	1.4E-04			6.5E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08

Table H-534 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					3.7E-03	9.0E-03	3.2E-04	3.2E-04			1.3E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromoform												
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.4E-03	3.9E-03	1.5E-04	1.5E-04			5.6E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					3.3E-04	8.1E-03	2.4E-05	2.4E-05			8.4E-03
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					5.3E-05	2.2E-04	2.4E-08	2.4E-08			2.7E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15

Table H-534 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					1.8E-02	2.2E-01	4.5E-10	4.5E-10			2.4E-01
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					3.0E-05	1.1E-07	6.2E-09	6.2E-09			3.0E-05
Grand Total	4.8E-09	1.9E-03	1.0E-03	1.2E-01	2.6E-01	5.6E-02	2.7E-01	1.0E-03	1.0E-03	6.9E-04	3.3E-03	7.1E-01

Table H-535 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						2.7E-10	6.3E-10	3.4E-11	3.4E-11			9.7E-10
Formaldehyde						6.9E-10	4.4E-05	8.6E-11	8.6E-11			4.4E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.0E-16	8.4E-14	1.2E-13	3.3E-13	9.2E-13	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.7E-18	2.9E-17	1.0E-10
1,2,3,4,6,7,8-HpCDF	9.9E-17	8.5E-14	1.2E-13	3.3E-13	9.3E-13	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.8E-18	2.9E-17	1.0E-10
1,2,3,4,7,8,9-HpCDF	1.6E-17	9.7E-15	1.4E-14	3.8E-14	1.1E-13	3.5E-12	8.2E-12	4.4E-13	4.4E-13	5.5E-19	3.4E-18	1.3E-11
1,2,3,4,7,8-HxCDD	1.2E-15	9.5E-14	1.3E-13	3.7E-13	1.0E-12	3.3E-11	7.6E-11	4.1E-12	4.1E-12	5.4E-18	3.3E-17	1.2E-10
1,2,3,4,7,8-HxCDF	8.4E-15	7.6E-13	1.1E-12	3.0E-12	8.3E-12	2.7E-10	6.2E-10	3.4E-11	3.4E-11	4.3E-17	2.6E-16	9.7E-10
1,2,3,6,7,8-HxCDD	2.4E-15	1.9E-13	2.7E-13	7.6E-13	2.1E-12	7.0E-11	1.6E-10	8.7E-12	8.7E-12	1.1E-17	6.7E-17	2.5E-10
1,2,3,6,7,8-HxCDF	3.1E-15	2.5E-13	3.5E-13	9.7E-13	2.7E-12	8.7E-11	2.0E-10	1.1E-11	1.1E-11	1.4E-17	8.6E-17	3.2E-10
1,2,3,7,8,9-HxCDD	3.3E-15	3.1E-13	4.3E-13	1.2E-12	3.4E-12	1.1E-10	2.4E-10	1.3E-11	1.3E-11	1.7E-17	1.1E-16	3.8E-10
1,2,3,7,8,9-HxCDF	2.7E-16	1.8E-14	2.5E-14	7.0E-14	1.9E-13	6.7E-12	1.5E-11	8.4E-13	8.4E-13	1.0E-18	6.1E-18	2.4E-11
1,2,3,7,8-PeCDD	7.7E-14	1.1E-12	1.5E-12	4.2E-12	1.2E-11	4.2E-10	9.7E-10	5.3E-11	5.3E-11	6.1E-17	3.7E-16	1.5E-09
1,2,3,7,8-PeCDF	5.4E-15	6.3E-14	8.8E-14	2.5E-13	7.0E-13	3.0E-11	6.9E-11	3.7E-12	3.7E-12	3.6E-18	2.2E-17	1.1E-10
2,3,4,6,7,8-HxCDF	4.5E-15	3.9E-13	5.4E-13	1.5E-12	4.3E-12	1.4E-10	3.1E-10	1.7E-11	1.7E-11	2.2E-17	1.3E-16	4.9E-10
2,3,4,7,8-PeCDF	8.3E-14	1.5E-12	2.1E-12	6.0E-12	1.7E-11	6.7E-10	1.6E-09	8.4E-11	8.4E-11	8.5E-17	5.3E-16	2.4E-09
2,3,7,8-TCDD	2.7E-14	2.2E-13	3.1E-13	8.7E-13	2.4E-12	1.7E-10	3.9E-10	2.1E-11	2.1E-11	8.7E-15	5.3E-14	6.0E-10
2,3,7,8-TCDF	8.8E-15	4.0E-14	5.6E-14	1.6E-13	4.4E-13	6.2E-11	1.4E-10	7.8E-12	7.8E-12	2.3E-18	1.4E-17	2.2E-10
OCDD	1.4E-20	5.7E-16	7.9E-16	2.2E-15	6.2E-15	1.8E-13	4.2E-13	2.3E-14	2.3E-14	3.2E-20	2.0E-19	6.6E-13
OCDF	5.0E-21	2.2E-16	3.1E-16	8.6E-16	2.4E-15	6.9E-14	1.6E-13	8.6E-15	8.6E-15	1.2E-20	7.6E-20	2.5E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-535 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.0E-16	2.5E-08	5.9E-08	5.9E-08	2.8E-07	2.2E-10	5.1E-10	2.7E-11	2.7E-11	1.4E-11	1.4E-10	4.2E-07
Barium												
Beryllium						8.8E-12	2.0E-11	1.1E-12	1.1E-12	1.1E-20	6.5E-20	3.1E-11
Cadmium						1.2E-10	2.7E-10	1.5E-11	1.5E-11	6.2E-21	3.8E-20	4.2E-10
Chromium												
Cobalt						7.6E-09	1.8E-08	9.5E-10	9.5E-10	6.8E-10	3.1E-09	3.1E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						7.7E-11	1.8E-10	9.7E-12	9.7E-12	4.3E-10	1.9E-09	2.6E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		5.9E-19	8.3E-19	5.4E-19	1.5E-18							3.5E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	3.8E-13	5.6E-07	1.4E-13	5.1E-07	2.6E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	1.2E-09	7.1E-09	1.1E-06
Benzo(a)pyrene	1.9E-12	4.7E-06	6.7E-13	4.3E-06	1.2E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	3.2E-11	2.0E-17	9.0E-06
Benzo(b)fluoranthene	5.2E-14	7.7E-07	3.9E-15	7.0E-07	7.0E-15	1.2E-11	2.9E-11	1.5E-12	1.5E-12	5.1E-12	1.1E-19	1.5E-06
Benzo(e)pyrene												

Table H-535 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	3.8E-17	4.1E-08	4.0E-16	3.8E-08	7.2E-16	1.1E-13	2.5E-13	1.4E-14	1.4E-14	2.8E-12	1.2E-19	7.9E-08
Biphenyl				2.3E-18	6.4E-18							8.7E-18
Chrysene	6.6E-16	5.9E-09	1.8E-15	5.4E-09	3.3E-15	4.8E-12	1.1E-11	6.0E-13	6.0E-13	4.0E-13	5.4E-19	1.1E-08
Dibenze(a,h)anthracene	9.3E-14	9.1E-07	2.3E-13	8.3E-07	4.2E-13	1.9E-11	4.4E-11	2.4E-12	2.4E-12	6.7E-12	7.5E-18	1.7E-06
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	2.3E-14	1.2E-07	6.6E-14	1.1E-07	1.2E-13	5.8E-12	1.3E-11	7.3E-13	7.3E-13	8.1E-13	2.0E-18	2.3E-07
Napthalene						4.3E-10	1.0E-09	5.4E-11	5.4E-11	7.2E-10	4.4E-09	6.7E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	3.6E-17	2.1E-18	3.0E-18	1.8E-18	5.0E-18	1.6E-13	3.7E-13	2.0E-14	2.0E-14	4.8E-20	2.9E-19	5.7E-13
Heptachlorobiphenyl	3.9E-17	6.9E-18	9.7E-18	5.9E-18	1.6E-17	6.2E-14	1.4E-13	7.7E-15	7.7E-15	8.5E-20	5.2E-19	2.2E-13
Hexachlorobiphenyl	1.6E-16	3.1E-17	4.4E-17	2.6E-17	7.4E-17	2.6E-13	6.0E-13	3.3E-14	3.3E-14	3.8E-19	2.4E-18	9.3E-13
Monochlorobiphenyl	2.5E-16	1.5E-17	2.1E-17	1.2E-17	3.5E-17	1.1E-12	2.6E-12	1.4E-13	1.4E-13	3.3E-19	2.0E-18	4.0E-12
Nonachlorobiphenyl	4.9E-18	1.2E-18	1.7E-18	1.0E-18	2.9E-18	8.8E-15	2.0E-14	1.1E-15	1.1E-15	1.5E-20	9.2E-20	3.1E-14
Octachlorobiphenyl	1.2E-17	2.3E-18	3.1E-18	1.9E-18	5.3E-18	1.9E-14	4.4E-14	2.4E-15	2.4E-15	2.8E-20	1.7E-19	6.8E-14
Pentachlorobiphenyl	5.3E-16	1.1E-16	1.6E-16	9.5E-17	2.7E-16	8.9E-13	2.1E-12	1.1E-13	1.1E-13	1.4E-18	8.5E-18	3.2E-12
Tetrachlorobiphenyl	1.1E-17	8.1E-19	1.1E-18	6.8E-19	1.9E-18	5.2E-14	1.2E-13	6.5E-15	6.5E-15	1.8E-20	1.1E-19	1.8E-13
Trichlorobiphenyl	1.4E-17	9.7E-19	1.4E-18	8.2E-19	2.3E-18	6.5E-14	1.5E-13	8.2E-15	8.2E-15	2.2E-20	1.4E-19	2.3E-13
Pesticides												
DDE				1.9E-08	2.3E-09					1.7E-10	1.0E-09	2.2E-08
Dieldrin		8.4E-08		1.0E-07						1.4E-12		1.8E-07
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene						7.0E-08						7.0E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	4.3E-20					1.4E-12	3.3E-12	1.8E-13	1.8E-13			5.1E-12

Table H-535 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	5.9E-16	8.0E-15	1.1E-14	9.5E-15	2.7E-14	3.9E-11	9.0E-11	4.9E-12	4.9E-12	8.0E-20	4.9E-19	1.4E-10
Butyl benzyl phthalate	2.9E-17	5.3E-19	7.4E-19	6.3E-19	1.8E-18							3.2E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	4.5E-17					8.4E-11	1.9E-10	1.0E-11	1.0E-11			3.0E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	6.0E-21					8.6E-14	2.0E-13	1.1E-14	1.1E-14			3.0E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	2.8E-18											2.8E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	6.4E-20					3.6E-12	8.2E-12	4.4E-13	4.4E-13			1.3E-11
1,2-Dichloroethane	9.1E-20					6.2E-12	1.4E-11	2.2E-09	2.2E-09			4.5E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												

Table H-535 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone												
Benzene	9.3E-18					7.3E-08	1.3E-09	6.5E-09	6.5E-09			8.8E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	1.7E-21					3.0E-13	7.0E-13	3.8E-14	3.8E-14			1.1E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	8.1E-22					7.2E-08	2.6E-13	7.9E-09	7.9E-09			8.7E-08
Chlorobenzene												
Chlorodibromomethane	1.3E-19											1.3E-19
Chloroethane												
Chloroform	7.5E-21					6.3E-08	8.9E-12	4.7E-09	4.7E-09			7.2E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	1.4E-18					1.1E-08	9.7E-11	5.2E-12	5.2E-12			1.1E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	4.4E-21					1.5E-14	3.6E-14	1.9E-15	1.9E-15			5.5E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	1.2E-22					2.7E-15	6.2E-15	3.4E-16	3.4E-16			9.6E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	2.7E-23					1.3E-08	5.9E-15	3.2E-16	3.2E-16			1.3E-08

Table H-535 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane												
Vinyl chloride	3.0E-20					1.1E-09	4.3E-12	2.3E-13	2.3E-13			1.1E-09
Grand Total	2.7E-12	7.2E-06	5.9E-08	6.7E-06	2.8E-07	3.2E-07	4.4E-05	2.3E-08	2.3E-08	3.2E-09	1.8E-08	5.9E-05

Table H-536 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					6.3E-05	4.0E+00	7.9E-06	7.9E-06			4.0E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				9.4E-03	2.4E-02					9.2E-05	5.1E-04	3.4E-02
Antimony	3.9E-14			1.1E-03	1.2E-03							2.3E-03

Table H-536 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	6.5E-04	1.5E-03	1.5E-03	7.2E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	2.5E-06	2.6E-05	1.1E-02
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt				6.0E-02	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	1.5E-04	6.7E-04	1.9E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				2.5E-02	5.7E-02							8.1E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.4E-04	8.9E-04	1.0E-03
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.0E-02	4.0E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	2.2E-04	9.5E-04	6.1E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Thallium (Soluble Salts)					1.4E-02							1.4E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-536 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12	9.4E-06		8.5E-06		5.0E-05	1.1E-04	6.2E-06	6.2E-06	8.2E-05	5.0E-04	7.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
DDE												
Dieldrin		1.2E-03		1.5E-03								2.7E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.4E-02						1.4E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09

Table H-536 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.6E-02						1.6E-02
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	9.1E-07	1.4E-04	1.4E-04			2.9E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												

Table H-536 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					3.7E-03	6.7E-05	3.2E-04	3.2E-04			4.4E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.4E-03	5.0E-09	1.5E-04	1.5E-04			1.7E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					3.3E-04	4.6E-08	2.4E-05	2.4E-05			3.8E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					5.3E-05	4.5E-07	2.4E-08	2.4E-08			5.3E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					1.8E-02	8.4E-09	4.5E-10	4.5E-10			1.8E-02

Table H-536 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					3.0E-05	1.1E-07	6.2E-09	6.2E-09			3.0E-05
Grand Total	4.8E-09	1.9E-03	1.5E-03	1.2E-01	2.7E-01	5.6E-02	4.0E+00	1.0E-03	1.0E-03	6.9E-04	3.6E-03	4.5E+00

Table H-537 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						2.7E-10	6.3E-10	3.4E-11	3.4E-11			9.7E-10
Formaldehyde						6.9E-10	3.0E-05	8.6E-11	8.6E-11			3.0E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.0E-16	8.4E-14	1.2E-13	3.3E-13	9.2E-13	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.7E-18	2.9E-17	1.0E-10
1,2,3,4,6,7,8-HpCDF	9.9E-17	8.5E-14	1.2E-13	3.3E-13	9.3E-13	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.8E-18	2.9E-17	1.0E-10
1,2,3,4,7,8,9-HpCDF	1.6E-17	9.7E-15	1.4E-14	3.8E-14	1.1E-13	3.5E-12	8.2E-12	4.4E-13	4.4E-13	5.5E-19	3.4E-18	1.3E-11
1,2,3,4,7,8-HxCDD	1.2E-15	9.5E-14	1.3E-13	3.7E-13	1.0E-12	3.3E-11	7.6E-11	4.1E-12	4.1E-12	5.4E-18	3.3E-17	1.2E-10
1,2,3,4,7,8-HxCDF	8.4E-15	7.6E-13	1.1E-12	3.0E-12	8.3E-12	2.7E-10	6.2E-10	3.4E-11	3.4E-11	4.3E-17	2.6E-16	9.7E-10
1,2,3,6,7,8-HxCDD	2.4E-15	1.9E-13	2.7E-13	7.6E-13	2.1E-12	7.0E-11	1.6E-10	8.7E-12	8.7E-12	1.1E-17	6.7E-17	2.5E-10
1,2,3,6,7,8-HxCDF	3.1E-15	2.5E-13	3.5E-13	9.7E-13	2.7E-12	8.7E-11	2.0E-10	1.1E-11	1.1E-11	1.4E-17	8.6E-17	3.2E-10
1,2,3,7,8,9-HxCDD	3.3E-15	3.1E-13	4.3E-13	1.2E-12	3.4E-12	1.1E-10	2.4E-10	1.3E-11	1.3E-11	1.7E-17	1.1E-16	3.8E-10
1,2,3,7,8,9-HxCDF	2.7E-16	1.8E-14	2.5E-14	7.0E-14	1.9E-13	6.7E-12	1.5E-11	8.4E-13	8.4E-13	1.0E-18	6.1E-18	2.4E-11
1,2,3,7,8-PeCDD	7.7E-14	1.1E-12	1.5E-12	4.2E-12	1.2E-11	4.2E-10	9.7E-10	5.3E-11	5.3E-11	6.1E-17	3.7E-16	1.5E-09
1,2,3,7,8-PeCDF	5.4E-15	6.3E-14	8.8E-14	2.5E-13	7.0E-13	3.0E-11	6.9E-11	3.7E-12	3.7E-12	3.6E-18	2.2E-17	1.1E-10
2,3,4,6,7,8-HxCDF	4.5E-15	3.9E-13	5.4E-13	1.5E-12	4.3E-12	1.4E-10	3.1E-10	1.7E-11	1.7E-11	2.2E-17	1.3E-16	4.9E-10
2,3,4,7,8-PeCDF	8.3E-14	1.5E-12	2.1E-12	6.0E-12	1.7E-11	6.7E-10	1.6E-09	8.4E-11	8.4E-11	8.5E-17	5.3E-16	2.4E-09
2,3,7,8-TCDD	2.7E-14	2.2E-13	3.1E-13	8.7E-13	2.4E-12	1.7E-10	3.9E-10	2.1E-11	2.1E-11	8.7E-15	5.3E-14	6.0E-10
2,3,7,8-TCDF	8.8E-15	4.0E-14	5.6E-14	1.6E-13	4.4E-13	6.2E-11	1.4E-10	7.8E-12	7.8E-12	2.3E-18	1.4E-17	2.2E-10
OCDD	1.4E-20	5.7E-16	7.9E-16	2.2E-15	6.2E-15	1.8E-13	4.2E-13	2.3E-14	2.3E-14	3.2E-20	2.0E-19	6.6E-13
OCDF	5.0E-21	2.2E-16	3.1E-16	8.6E-16	2.4E-15	6.9E-14	1.6E-13	8.6E-15	8.6E-15	1.2E-20	7.6E-20	2.5E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-537 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.0E-16	2.5E-08	2.3E-08	5.9E-08	1.1E-07	2.2E-10	5.1E-10	2.7E-11	2.7E-11	1.4E-11	5.7E-11	2.2E-07
Barium												
Beryllium						8.8E-12	2.0E-11	1.1E-12	1.1E-12	1.1E-20	6.5E-20	3.1E-11
Cadmium						1.2E-10	2.7E-10	1.5E-11	1.5E-11	6.2E-21	3.8E-20	4.2E-10
Chromium												
Cobalt						7.6E-09	1.8E-08	9.5E-10	9.5E-10	6.8E-10	5.3E-09	3.3E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						7.7E-11	1.8E-10	9.7E-12	9.7E-12	4.3E-10	3.2E-09	3.9E-09
Phosphorus												
Selenium												
Silver												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		5.9E-19	8.3E-19	5.4E-19	1.5E-18							3.5E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	3.8E-13	5.6E-07	1.4E-13	5.1E-07	2.6E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	1.2E-09	7.1E-09	1.1E-06
Benzo(a)pyrene	1.9E-12	4.7E-06	8.2E-08	4.3E-06	1.5E-07	1.1E-10	2.6E-10	1.4E-11	1.4E-11	3.2E-11	2.4E-12	9.2E-06
Benzo(b)fluoranthene	5.2E-14	7.7E-07	7.4E-09	7.0E-07	1.4E-08	1.2E-11	2.9E-11	1.5E-12	1.5E-12	5.1E-12	2.2E-13	1.5E-06
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-537 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene	3.8E-17	4.1E-08	4.0E-16	3.8E-08	7.2E-16	1.1E-13	2.5E-13	1.4E-14	1.4E-14	2.8E-12	1.2E-19	7.9E-08
Biphenyl				2.3E-18	6.4E-18							8.7E-18
Chrysene	6.6E-16	5.9E-09	1.8E-15	5.4E-09	3.3E-15	4.8E-12	1.1E-11	6.0E-13	6.0E-13	4.0E-13	5.4E-19	1.1E-08
Dibenze(a,h)anthracene	9.3E-14	9.1E-07	2.3E-13	8.3E-07	4.2E-13	1.9E-11	4.4E-11	2.4E-12	2.4E-12	6.7E-12	7.5E-18	1.7E-06
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	2.3E-14	1.2E-07	6.6E-14	1.1E-07	1.2E-13	5.8E-12	1.3E-11	7.3E-13	7.3E-13	8.1E-13	2.0E-18	2.3E-07
Napthalene						4.3E-10	1.0E-09	5.4E-11	5.4E-11	7.2E-10	4.4E-09	6.7E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	3.6E-17	2.1E-18	3.0E-18	1.8E-18	5.0E-18	1.6E-13	3.7E-13	2.0E-14	2.0E-14	4.8E-20	2.9E-19	5.7E-13
Heptachlorobiphenyl	3.9E-17	6.9E-18	9.7E-18	5.9E-18	1.6E-17	6.2E-14	1.4E-13	7.7E-15	7.7E-15	8.5E-20	5.2E-19	2.2E-13
Hexachlorobiphenyl	1.6E-16	3.1E-17	4.4E-17	2.6E-17	7.4E-17	2.6E-13	6.0E-13	3.3E-14	3.3E-14	3.8E-19	2.4E-18	9.3E-13
Monochlorobiphenyl	2.5E-16	1.5E-17	2.1E-17	1.2E-17	3.5E-17	1.1E-12	2.6E-12	1.4E-13	1.4E-13	3.3E-19	2.0E-18	4.0E-12
Nonachlorobiphenyl	4.9E-18	1.2E-18	1.7E-18	1.0E-18	2.9E-18	8.8E-15	2.0E-14	1.1E-15	1.1E-15	1.5E-20	9.2E-20	3.1E-14
Octachlorobiphenyl	1.2E-17	2.3E-18	3.1E-18	1.9E-18	5.3E-18	1.9E-14	4.4E-14	2.4E-15	2.4E-15	2.8E-20	1.7E-19	6.8E-14
Pentachlorobiphenyl	5.3E-16	1.1E-16	1.6E-16	9.5E-17	2.7E-16	8.9E-13	2.1E-12	1.1E-13	1.1E-13	1.4E-18	8.5E-18	3.2E-12
Tetrachlorobiphenyl	1.1E-17	8.1E-19	1.1E-18	6.8E-19	1.9E-18	5.2E-14	1.2E-13	6.5E-15	6.5E-15	1.8E-20	1.1E-19	1.8E-13
Trichlorobiphenyl	1.4E-17	9.7E-19	1.4E-18	8.2E-19	2.3E-18	6.5E-14	1.5E-13	8.2E-15	8.2E-15	2.2E-20	1.4E-19	2.3E-13
Pesticides												
DDE				1.9E-08	8.0E-09					1.7E-10	1.0E-09	2.8E-08
Dieldrin		8.4E-08		1.0E-07						1.4E-12		1.8E-07
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene							7.0E-08					7.0E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	4.3E-20						1.4E-12	3.3E-12	1.8E-13	1.8E-13		5.1E-12
2,4-Dimethylphenol												

Table H-537 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	5.9E-16	8.0E-15	1.1E-14	9.5E-15	2.7E-14	3.9E-11	9.0E-11	4.9E-12	4.9E-12	8.0E-20	4.9E-19	1.4E-10
Butyl benzyl phthalate	2.9E-17	5.3E-19	7.4E-19	6.3E-19	1.8E-18							3.2E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	4.5E-17					8.4E-11	1.9E-10	1.0E-11	1.0E-11			3.0E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	6.0E-21					8.6E-14	2.0E-13	1.1E-14	1.1E-14			3.0E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	2.8E-18											2.8E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	6.4E-20					3.6E-12	8.2E-12	4.4E-13	4.4E-13			1.3E-11
1,2-Dichloroethane	9.1E-20					6.2E-12	1.4E-11	2.2E-09	2.2E-09			4.5E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-537 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	9.3E-18					7.3E-08	1.3E-09	6.5E-09	6.5E-09			8.8E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	1.7E-21					3.0E-13	7.0E-13	3.8E-14	3.8E-14			1.1E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	8.1E-22					7.2E-08	2.6E-13	7.9E-09	7.9E-09			8.7E-08
Chlorobenzene												
Chlorodibromomethane	1.3E-19											1.3E-19
Chloroethane												
Chloroform	7.5E-21					6.3E-08	8.9E-12	4.7E-09	4.7E-09			7.2E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	1.4E-18					1.1E-08	9.7E-11	5.2E-12	5.2E-12			1.1E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	4.4E-21					1.5E-14	3.6E-14	1.9E-15	1.9E-15			5.5E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	1.2E-22					2.7E-15	6.2E-15	3.4E-16	3.4E-16			9.6E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	2.7E-23					1.3E-08	5.9E-15	3.2E-16	3.2E-16			1.3E-08
Trichlorofluoromethane												

Table H-537 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	3.0E-20					1.1E-09	4.3E-12	2.3E-13	2.3E-13			1.1E-09
Grand Total	2.7E-12	7.2E-06	1.1E-07	6.7E-06	2.8E-07	3.2E-07	3.0E-05	2.3E-08	2.3E-08	3.2E-09	2.1E-08	4.5E-05

Table H-538 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					6.3E-05	2.7E+00	7.9E-06	7.9E-06			2.7E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				9.4E-03	1.9E-02					9.2E-05	4.1E-04	2.9E-02
Antimony	3.9E-14			1.1E-03	4.2E-04							1.5E-03

Table H-538 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	6.5E-04	6.1E-04	1.5E-03	2.9E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	2.5E-06	1.0E-05	5.8E-03
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt				6.0E-02	2.1E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	1.5E-04	1.1E-03	2.8E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				2.5E-02	6.2E-02							8.6E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.4E-04	8.9E-04	1.0E-03
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.0E-02	6.6E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	2.2E-04	1.6E-03	8.8E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-538 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12	9.4E-06		8.5E-06		5.0E-05	1.1E-04	6.2E-06	6.2E-06	8.2E-05	5.0E-04	7.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
DDE												
Dieldrin		1.2E-03		1.5E-03								2.7E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.4E-02						1.4E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-538 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.6E-02						1.6E-02
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	9.1E-07	1.4E-04	1.4E-04			2.9E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07

Table H-538 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					3.7E-03	6.7E-05	3.2E-04	3.2E-04			4.4E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.4E-03	5.0E-09	1.5E-04	1.5E-04			1.7E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					3.3E-04	4.6E-08	2.4E-05	2.4E-05			3.8E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					5.3E-05	4.5E-07	2.4E-08	2.4E-08			5.3E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					1.8E-02	8.4E-09	4.5E-10	4.5E-10			1.8E-02
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-538 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					3.0E-05	1.1E-07	6.2E-09	6.2E-09			3.0E-05
Grand Total	4.8E-09	1.9E-03	6.1E-04	1.2E-01	3.6E-01	5.6E-02	2.8E+00	1.0E-03	1.0E-03	6.9E-04	4.5E-03	3.3E+00

Table H-539 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						2.7E-10	9.8E-09	3.4E-11	3.3E-09			1.3E-08
Formaldehyde						6.9E-10	2.3E-08	8.6E-11	7.5E-09			3.1E-08
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.0E-16	8.4E-14	1.6E-12	3.3E-13	1.2E-11	2.8E-11	1.1E-09	3.5E-12	3.7E-10	4.7E-18	3.9E-16	1.5E-09
1,2,3,4,6,7,8-HpCDF	9.9E-17	8.5E-14	1.6E-12	3.3E-13	1.2E-11	2.8E-11	1.1E-09	3.5E-12	3.7E-10	4.8E-18	3.9E-16	1.5E-09
1,2,3,4,7,8,9-HpCDF	1.6E-17	9.7E-15	1.9E-13	3.8E-14	1.5E-12	3.5E-12	1.4E-10	4.4E-13	4.8E-11	5.5E-19	4.7E-17	2.0E-10
1,2,3,4,7,8-HxCDD	1.2E-15	9.5E-14	1.8E-12	3.7E-13	1.4E-11	3.3E-11	1.3E-09	4.1E-12	4.5E-10	5.4E-18	4.6E-16	1.8E-09
1,2,3,4,7,8-HxCDF	8.4E-15	7.6E-13	1.5E-11	3.0E-12	1.1E-10	2.7E-10	1.1E-08	3.4E-11	3.6E-09	4.3E-17	3.6E-15	1.5E-08
1,2,3,6,7,8-HxCDD	2.4E-15	1.9E-13	3.8E-12	7.6E-13	3.0E-11	7.0E-11	2.8E-09	8.7E-12	9.4E-10	1.1E-17	9.3E-16	3.9E-09
1,2,3,6,7,8-HxCDF	3.1E-15	2.5E-13	4.8E-12	9.7E-13	3.8E-11	8.7E-11	3.6E-09	1.1E-11	1.2E-09	1.4E-17	1.2E-15	4.9E-09
1,2,3,7,8,9-HxCDD	3.3E-15	3.1E-13	5.9E-12	1.2E-12	4.7E-11	1.1E-10	4.3E-09	1.3E-11	1.4E-09	1.7E-17	1.5E-15	5.9E-09
1,2,3,7,8,9-HxCDF	2.7E-16	1.8E-14	3.5E-13	7.0E-14	2.7E-12	6.7E-12	2.7E-10	8.4E-13	9.1E-11	1.0E-18	8.6E-17	3.8E-10
1,2,3,7,8-PeCDD	7.7E-14	1.1E-12	2.1E-11	4.2E-12	1.7E-10	4.2E-10	1.7E-08	5.3E-11	5.7E-09	6.1E-17	5.2E-15	2.4E-08
1,2,3,7,8-PeCDF	5.4E-15	6.3E-14	1.2E-12	2.5E-13	9.8E-12	3.0E-11	1.2E-09	3.7E-12	4.1E-10	3.6E-18	3.1E-16	1.7E-09
2,3,4,6,7,8-HxCDF	4.5E-15	3.9E-13	7.3E-12	1.5E-12	5.7E-11	1.4E-10	5.4E-09	1.7E-11	1.8E-09	2.2E-17	1.8E-15	7.5E-09
2,3,4,7,8-PeCDF	8.3E-14	1.5E-12	3.0E-11	6.0E-12	2.3E-10	6.7E-10	2.7E-08	8.4E-11	9.1E-09	8.5E-17	7.4E-15	3.8E-08
2,3,7,8-TCDD	2.7E-14	2.2E-13	3.2E-12	8.7E-13	2.5E-11	1.7E-10	5.7E-09	2.1E-11	1.9E-09	8.7E-15	5.5E-13	7.8E-09
2,3,7,8-TCDF	8.8E-15	4.0E-14	8.0E-13	1.6E-13	6.3E-12	6.2E-11	2.6E-09	7.8E-12	8.5E-10	2.3E-18	2.0E-16	3.5E-09
OCDD	1.4E-20	5.7E-16	1.0E-14	2.2E-15	8.2E-14	1.8E-13	7.2E-12	2.3E-14	2.4E-12	3.2E-20	2.6E-18	1.0E-11
OCDF	5.0E-21	2.2E-16	3.9E-15	8.6E-16	3.1E-14	6.9E-14	2.7E-12	8.6E-15	8.9E-13	1.2E-20	9.7E-19	3.7E-12
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-539 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.0E-16	2.5E-08	6.2E-18	5.9E-08	2.9E-17	2.2E-10	7.7E-09	2.7E-11	2.6E-09	1.4E-11	1.5E-20	9.5E-08
Barium												
Beryllium						8.8E-12	3.0E-10	1.1E-12	1.0E-10	1.1E-20	8.7E-19	4.1E-10
Cadmium						1.2E-10	4.1E-09	1.5E-11	1.4E-09	6.2E-21	5.2E-19	5.6E-09
Chromium												
Cobalt						7.6E-09	1.4E-07	9.5E-10	4.6E-08	6.8E-10	4.7E-13	1.9E-07
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						7.7E-11	2.7E-09	9.7E-12	8.9E-10	4.3E-10	3.7E-19	4.1E-09
Phosphorus												
Selenium												
Silver												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		5.9E-19	1.2E-17	5.4E-19	2.2E-17							3.5E-17
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	3.8E-13	5.6E-07	2.3E-12	5.1E-07	4.2E-12	2.8E-11	1.2E-09	3.5E-12	4.1E-10	1.2E-09	2.1E-14	1.1E-06
Benzo(a)pyrene	1.9E-12	4.7E-06	9.9E-12	4.3E-06	1.8E-11	1.1E-10	4.6E-09	1.4E-11	1.5E-09	3.2E-11	2.9E-16	9.0E-06
Benzo(b)fluoranthene	5.2E-14	7.7E-07	5.3E-14	7.0E-07	9.7E-14	1.2E-11	5.0E-10	1.5E-12	1.7E-10	5.1E-12	1.6E-18	1.5E-06
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-539 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Outdoor Vapors at CJ	Inhalation of Outdoor Vapors at Home	Grand Total
Benzo(k)fluoranthene	3.8E-17	4.1E-08	2.6E-15	3.8E-08	4.8E-15	1.1E-13	2.0E-12	1.4E-14	6.5E-13	2.8E-12	7.7E-19	7.9E-08
Biphenyl				2.3E-18	9.6E-17							9.8E-17
Chrysene	6.6E-16	5.9E-09	2.6E-14	5.4E-09	4.8E-14	4.8E-12	2.0E-10	6.0E-13	6.6E-11	4.0E-13	7.8E-18	1.2E-08
Dibenze(a,h)anthracene	9.3E-14	9.1E-07	3.3E-12	8.3E-07	6.0E-12	1.9E-11	7.9E-10	2.4E-12	2.6E-10	6.7E-12	1.1E-16	1.7E-06
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	2.3E-14	1.2E-07	9.4E-13	1.1E-07	1.7E-12	5.8E-12	2.4E-10	7.3E-13	8.0E-11	8.1E-13	2.8E-17	2.3E-07
Napthalene						4.3E-10	1.8E-08	5.4E-11	6.0E-09	7.2E-10		2.5E-08
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	3.6E-17	2.1E-18	4.2E-17	1.8E-18	7.1E-17	1.6E-13	6.5E-12	2.0E-14	2.2E-12	4.8E-20	4.2E-18	8.9E-12
Heptachlorobiphenyl	3.9E-17	6.9E-18	1.3E-16	5.9E-18	2.3E-16	6.2E-14	2.5E-12	7.7E-15	8.4E-13	8.5E-20	7.2E-18	3.4E-12
Hexachlorobiphenyl	1.6E-16	3.1E-17	5.6E-16	2.6E-17	9.5E-16	2.6E-13	1.0E-11	3.3E-14	3.4E-12	3.8E-19	3.0E-17	1.4E-11
Monochlorobiphenyl	2.5E-16	1.5E-17	2.9E-16	1.2E-17	5.0E-16	1.1E-12	4.6E-11	1.4E-13	1.5E-11	3.3E-19	2.9E-17	6.2E-11
Nonachlorobiphenyl	4.9E-18	1.2E-18	1.9E-17	1.0E-18	3.2E-17	8.8E-15	3.1E-13	1.1E-15	1.0E-13	1.5E-20	1.0E-18	4.2E-13
Octachlorobiphenyl	1.2E-17	2.3E-18	4.1E-17	1.9E-18	6.9E-17	1.9E-14	7.4E-13	2.4E-15	2.5E-13	2.8E-20	2.2E-18	1.0E-12
Pentachlorobiphenyl	5.3E-16	1.1E-16	1.9E-15	9.5E-17	3.3E-15	8.9E-13	3.4E-11	1.1E-13	1.1E-11	1.4E-18	1.0E-16	4.6E-11
Tetrachlorobiphenyl	1.1E-17	8.1E-19	1.4E-17	6.8E-19	2.3E-17	5.2E-14	1.9E-12	6.5E-15	6.5E-13	1.8E-20	1.4E-18	2.6E-12
Trichlorobiphenyl	1.4E-17	9.7E-19	1.7E-17	8.2E-19	2.9E-17	6.5E-14	2.5E-12	8.2E-15	8.5E-13	2.2E-20	1.7E-18	3.5E-12
Pesticides												
DDE				1.9E-08						1.7E-10		1.9E-08
Dieldrin		8.4E-08		1.0E-07						1.4E-12		1.8E-07
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene							7.0E-08					7.0E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	4.3E-20						1.4E-12	6.4E-11	1.8E-13	2.1E-11		8.7E-11
2,4-Dimethylphenol												

Table H-539 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	5.9E-16	8.0E-15	1.4E-13	9.5E-15	3.4E-13	3.9E-11	1.5E-09	4.9E-12	5.1E-10	8.0E-20	6.3E-18	2.1E-09
Butyl benzyl phthalate	2.9E-17	5.3E-19	1.1E-17	6.3E-19	2.6E-17							6.6E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	4.5E-17					8.4E-11	1.5E-09	1.0E-11	5.0E-10			2.1E-09
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	6.0E-21					8.6E-14	2.9E-12	1.1E-14	9.7E-13			4.0E-12
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	2.8E-18											2.8E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	6.4E-20					3.6E-12	6.3E-11	4.4E-13	2.1E-11			8.9E-11
1,2-Dichloroethane	9.1E-20					6.2E-12	2.3E-10	2.2E-09	7.8E-11			2.5E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-539 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	9.3E-18					7.3E-08	2.3E-08	6.5E-09	7.6E-09			1.1E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	1.7E-21					3.0E-13	5.4E-12	3.8E-14	1.8E-12			7.5E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	8.1E-22					7.2E-08	2.0E-12	7.9E-09	6.7E-13			8.0E-08
Chlorobenzene												
Chlorodibromomethane	1.3E-19											1.3E-19
Chloroethane												
Chloroform	7.5E-21					6.3E-08	7.5E-11	4.7E-09	2.5E-11			6.8E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	1.4E-18					1.1E-08	1.6E-09	5.2E-12	5.3E-10			1.3E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	4.4E-21					1.5E-14	5.7E-13	1.9E-15	1.9E-13			7.8E-13
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	1.2E-22					2.7E-15	9.4E-14	3.4E-16	3.1E-14			1.3E-13
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	2.7E-23					1.3E-08	4.6E-14	3.2E-16	1.5E-14			1.3E-08
Trichlorofluoromethane												

Table H-539 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	3.0E-20					1.1E-09	4.5E-11	2.3E-13	1.5E-11			1.2E-09
Grand Total	2.7E-12	7.2E-06	1.1E-10	6.7E-06	8.0E-10	3.2E-07	3.2E-07	2.3E-08	1.1E-07	3.2E-09	1.1E-12	1.5E-05

Table H-540 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	1.5E-03	5.2E-06	5.0E-04			2.0E-03
Aldehydes												
Acetaldehyde						1.6E-04	5.8E-03	2.0E-05	1.9E-03			7.9E-03
Formaldehyde	2.3E-12					6.3E-05	2.1E-03	7.9E-06	6.9E-04			2.8E-03
Propionaldehyde						2.0E-05	7.2E-04	2.5E-06	2.4E-04	2.1E-12	1.5E-10	9.8E-04
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.5E-07	2.0E-07	5.9E-06	1.3E-06	4.3E-05	1.6E-07	1.4E-05	1.2E-10	7.8E-09	6.6E-05
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	7.7E-03	2.5E-05	2.6E-03			1.1E-02
Metals												
Aluminum				9.4E-03						9.2E-05		9.5E-03
Antimony	3.9E-14			1.1E-03								1.1E-03

Table H-540 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	6.5E-04	1.6E-13	1.5E-03	7.6E-13	4.0E-05	1.4E-03	4.9E-06	4.7E-04	2.5E-06	2.7E-15	4.1E-03
Barium	1.2E-11			1.6E-08	5.4E-07	2.5E-04	6.8E-03	3.1E-05	2.3E-03	3.1E-10	2.3E-08	9.3E-03
Beryllium	1.7E-14			5.2E-13	2.0E-11	2.1E-06	7.3E-05	2.7E-07	2.4E-05	2.6E-15	2.1E-13	9.9E-05
Cadmium	8.3E-12			8.2E-13	3.1E-11	7.6E-05	2.6E-03	9.5E-06	8.8E-04	4.0E-15	3.4E-13	3.6E-03
Chromium	1.7E-15			5.5E-11	2.2E-09							2.2E-09
Cobalt				6.0E-02	3.3E-05	1.6E-03	3.0E-02	2.0E-04	9.9E-03	1.5E-04	1.8E-07	1.0E-01
Copper				8.4E-09	3.2E-07							3.3E-07
Iron				2.5E-02								2.5E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.5E-09	7.8E-08	2.8E-06	9.8E-09	9.2E-07	5.6E-15	3.8E-13	3.8E-06
Mercury, elemental						3.3E-10	1.2E-08	4.1E-11	3.8E-09	1.4E-04		1.4E-04
Methyl Mercury	8.7E-11			2.0E-11	7.9E-10							8.9E-10
Nickel	1.7E-13			2.0E-02	7.8E-12	3.9E-05	1.3E-03	4.8E-06	4.4E-04	2.2E-04	1.9E-13	2.2E-02
Phosphorus				3.7E-10	1.4E-08							1.4E-08
Selenium	5.5E-14			8.1E-15	3.1E-13	8.7E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-20	8.4E-18	4.2E-07
Silver	4.2E-14			1.7E-10	6.2E-09							6.4E-09
Titanium												
Zinc	1.4E-11			6.1E-13	2.2E-11							3.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	6.9E-14	3.1E-15	1.3E-13							2.0E-13
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	1.2E-12	5.2E-14	2.1E-12							3.4E-12
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-540 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	2.8E-13	2.8E-04	1.2E-02	3.5E-05	3.9E-03	4.9E-12	4.5E-10	1.6E-02
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	3.4E-11	1.5E-12	6.3E-11							1.1E-10
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12	9.4E-06		8.5E-06		5.0E-05	2.1E-03	6.2E-06	6.9E-04	8.2E-05		2.9E-03
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.7E-10	7.6E-12	3.1E-10							5.1E-10
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.8E-10	7.8E-12	3.1E-10							6.0E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	7.2E-11	3.2E-12	1.2E-10	9.8E-10	3.9E-08	1.2E-10	1.3E-08	2.5E-15	2.1E-13	5.4E-08
Hexachlorobiphenyl	4.6E-11	1.7E-11	3.0E-10	1.4E-11	5.1E-10	4.1E-06	1.6E-04	5.1E-07	5.3E-05	1.1E-11	8.8E-10	2.2E-04
Monochlorobiphenyl	6.1E-10	6.4E-11	1.3E-09	5.4E-11	2.2E-09							4.2E-09
Nonachlorobiphenyl	1.4E-12	6.6E-13	1.0E-11	5.6E-13	1.7E-11							3.0E-11
Octachlorobiphenyl	3.4E-12	1.2E-12	2.2E-11	1.0E-12	3.7E-11							6.5E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	1.0E-09	5.1E-11	1.8E-09	4.6E-05	1.7E-03	5.7E-06	5.7E-04	1.3E-10	9.9E-09	2.3E-03
Tetrachlorobiphenyl	2.6E-11	3.5E-12	6.0E-11	3.0E-12	1.0E-10	2.3E-07	8.7E-06	2.9E-08	2.9E-06	1.5E-13	1.1E-11	1.2E-05
Trichlorobiphenyl	3.4E-11	4.3E-12	7.6E-11	3.6E-12	1.3E-10							2.5E-10
Pesticides												
DDE												
Dieldrin		1.2E-03		1.5E-03								2.7E-03
SVOcs												
1,2,4-trichlorobenzene						1.3E-07	4.3E-06	1.7E-08	1.4E-06			5.9E-06
1,2-dichlorobenzene	3.1E-17					5.4E-10	9.7E-09	6.8E-11	3.2E-09			1.4E-08
1,3-Butadiene						1.4E-02						1.4E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	8.5E-08	2.4E-10	2.8E-08			1.2E-07
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-540 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	3.9E-06	1.2E-08	1.3E-06			5.3E-06
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	6.0E-09	4.0E-10	1.4E-08							2.1E-08
Butyl benzyl phthalate	8.8E-13	1.6E-14	3.3E-13	1.9E-14	7.9E-13							2.0E-12
Carbazole												
Dibenzofuran		1.4E-13	2.9E-12	5.7E-13	2.3E-11							2.6E-11
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	6.7E-13	3.9E-14	1.6E-12							1.9E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	8.7E-12	1.1E-12	2.1E-11							3.1E-11
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol								1.6E-02				1.6E-02
Phenol	4.9E-13					1.5E-06	6.2E-05	1.9E-07	2.1E-05			8.5E-05
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	1.0E-09	3.3E-12	3.3E-10			1.4E-09
1,1-Dichloroethene	1.2E-19					1.3E-10	2.3E-09	1.6E-11	7.7E-10			3.2E-09
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	6.4E-06	4.5E-08	2.1E-06			9.0E-06
1,2,4-Trimethylbenzene						8.9E-07	2.8E-05	1.1E-07	9.4E-06			3.9E-05
1,2-Dibromoethane	4.1E-17					7.7E-09	1.4E-07	9.6E-10	4.6E-08			1.9E-07
1,2-Dichloroethane	1.9E-15					4.0E-07	1.5E-05	1.4E-04	5.0E-06			1.6E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	2.6E-07	8.3E-10	8.7E-08			3.6E-07
2-Chlorotoluene												
2-Hexanone						2.3E-07	8.2E-06	2.8E-08	2.7E-06			1.1E-05

Table H-540 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					3.7E-03	1.1E-03	3.2E-04	3.8E-04			5.5E-03
Bromobenzene						6.2E-07	1.1E-05	7.8E-08	3.7E-06			1.5E-05
Bromochloromethane						2.2E-09	3.9E-08	2.8E-10	1.3E-08			5.5E-08
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	2.3E-05	9.5E-08	7.6E-06			3.1E-05
Carbon disulfide	1.3E-17					4.8E-09	1.4E-07	6.0E-10	4.7E-08			1.9E-07
Carbon tetrachloride	3.4E-17					1.4E-03	3.9E-08	1.5E-04	1.3E-08			1.5E-03
Chlorobenzene	2.3E-15					9.6E-08	3.4E-06	1.2E-08	1.1E-06			4.7E-06
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	3.2E-08	1.1E-10	1.1E-08			4.3E-08
Chloroform	2.8E-16					3.3E-04	3.9E-07	2.4E-05	1.3E-07			3.5E-04
Chloromethane						3.4E-07	1.0E-05	4.3E-08	3.5E-06			1.4E-05
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	9.1E-07	6.4E-09	3.0E-07			1.3E-06
Dichlorodifluoromethane	2.4E-20					2.5E-09	4.4E-08	3.1E-10	1.5E-08			6.2E-08
Ethylbenzene	1.5E-14					5.3E-05	7.4E-06	2.4E-08	2.5E-06			6.2E-05
Isopropylbenzene	2.0E-17					3.9E-08	1.3E-06	4.9E-09	4.5E-07			1.8E-06
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.1E-09	1.5E-11	7.1E-10			3.0E-09
Methylene chloride	4.3E-15					3.0E-08	1.1E-06	3.8E-09	3.7E-07			1.5E-06
n-Butylbenzene												
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07			4.2E-07
o-Xylene	1.4E-15					2.3E-07	7.6E-06	2.9E-08	2.5E-06			1.0E-05
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.9E-05	6.4E-08	6.2E-06			2.5E-05
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	1.1E-07	3.8E-10	3.5E-08			1.4E-07
Toluene	2.0E-14					6.3E-08	2.5E-06	7.9E-09	8.3E-07			3.4E-06
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					1.8E-02	6.5E-08	4.5E-10	2.2E-08			1.8E-02
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-540 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					3.0E-05	1.2E-06	6.2E-09	4.0E-07			3.1E-05
Grand Total	4.8E-09	1.9E-03	7.6E-07	1.2E-01	4.0E-05	5.6E-02	7.7E-02	1.0E-03	2.6E-02	6.9E-04	2.2E-07	2.8E-01

Table H-541 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			2.7E-10	3.4E-11		3.1E-10
Formaldehyde			6.9E-10	8.6E-11		7.7E-10
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	8.4E-14	3.3E-13	2.8E-11	3.5E-12	4.7E-18	3.1E-11
1,2,3,4,6,7,8-HpCDF	8.5E-14	3.3E-13	2.8E-11	3.5E-12	4.8E-18	3.2E-11
1,2,3,4,7,8,9-HpCDF	9.7E-15	3.8E-14	3.5E-12	4.4E-13	5.5E-19	4.0E-12
1,2,3,4,7,8-HxCDD	9.5E-14	3.7E-13	3.3E-11	4.1E-12	5.4E-18	3.8E-11
1,2,3,4,7,8-HxCDF	7.6E-13	3.0E-12	2.7E-10	3.4E-11	4.3E-17	3.1E-10
1,2,3,6,7,8-HxCDD	1.9E-13	7.6E-13	7.0E-11	8.7E-12	1.1E-17	7.9E-11
1,2,3,6,7,8-HxCDF	2.5E-13	9.7E-13	8.7E-11	1.1E-11	1.4E-17	9.9E-11
1,2,3,7,8,9-HxCDD	3.1E-13	1.2E-12	1.1E-10	1.3E-11	1.7E-17	1.2E-10
1,2,3,7,8,9-HxCDF	1.8E-14	7.0E-14	6.7E-12	8.4E-13	1.0E-18	7.6E-12
1,2,3,7,8-PeCDD	1.1E-12	4.2E-12	4.2E-10	5.3E-11	6.1E-17	4.8E-10

Table H-541 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	6.3E-14	2.5E-13	3.0E-11	3.7E-12	3.6E-18	3.4E-11
2,3,4,6,7,8-HxCDF	3.9E-13	1.5E-12	1.4E-10	1.7E-11	2.2E-17	1.5E-10
2,3,4,7,8-PeCDF	1.5E-12	6.0E-12	6.7E-10	8.4E-11	8.5E-17	7.6E-10
2,3,7,8-TCDD	2.2E-13	8.7E-13	1.7E-10	2.1E-11	8.7E-15	1.9E-10
2,3,7,8-TCDF	4.0E-14	1.6E-13	6.2E-11	7.8E-12	2.3E-18	7.0E-11
OCDD	5.7E-16	2.2E-15	1.8E-13	2.3E-14	3.2E-20	2.1E-13
OCDF	2.2E-16	8.6E-16	6.9E-14	8.6E-15	1.2E-20	7.9E-14
HCN						
Hydrogen cyanide						
Metals						
Aluminum						
Antimony						
Arsenic	7.7E-08	1.8E-07	2.2E-10	2.7E-11	4.3E-11	2.6E-07
Barium						
Beryllium			8.8E-12	1.1E-12	1.1E-20	9.9E-12
Cadmium			1.2E-10	1.5E-11	6.2E-21	1.3E-10
Chromium						
Cobalt			7.6E-09	9.5E-10	1.2E-09	9.7E-09
Copper						
Iron						
Lead						
Manganese						
Mercury (+2)						

Table H-541 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental						
Methyl Mercury						
Nickel			7.7E-11	9.7E-12	6.4E-10	7.2E-10
Phosphorus						
Selenium						
Silver						
Thallium (Soluble Salts)						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	5.9E-19	5.4E-19				1.1E-18
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	5.6E-09	5.1E-09	2.8E-11	3.5E-12	1.2E-11	1.1E-08
Benzo(a)pyrene	5.3E-08	4.8E-08	1.1E-10	1.4E-11	3.6E-13	1.0E-07
Benzo(b)fluoranthene	8.2E-09	7.5E-09	1.2E-11	1.5E-12	5.5E-14	1.6E-08

Table H-541 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	4.4E-10	4.0E-10	1.1E-13	1.4E-14	3.0E-14	8.4E-10
Biphenyl		2.3E-18				2.3E-18
Chrysene	7.1E-11	6.4E-11	4.8E-12	6.0E-13	4.7E-15	1.4E-10
Dibenze(a,h)anthracene	1.2E-08	1.1E-08	1.9E-11	2.4E-12	9.1E-14	2.4E-08
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	3.5E-09	3.2E-09	5.8E-12	7.3E-13	2.4E-14	6.8E-09
Napthalene			4.3E-10	5.4E-11		4.9E-10
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	2.1E-18	1.8E-18	1.6E-13	2.0E-14	4.8E-20	1.8E-13
Heptachlorobiphenyl	6.9E-18	5.9E-18	6.2E-14	7.7E-15	8.5E-20	7.0E-14
Hexachlorobiphenyl	3.1E-17	2.6E-17	2.6E-13	3.3E-14	3.8E-19	2.9E-13
Monochlorobiphenyl	1.5E-17	1.2E-17	1.1E-12	1.4E-13	3.3E-19	1.2E-12
Nonachlorobiphenyl	1.2E-18	1.0E-18	8.8E-15	1.1E-15	1.5E-20	9.9E-15

Table H-541 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Octachlorobiphenyl	2.3E-18	1.9E-18	1.9E-14	2.4E-15	2.8E-20	2.1E-14
Pentachlorobiphenyl	1.1E-16	9.5E-17	8.9E-13	1.1E-13	1.4E-18	1.0E-12
Tetrachlorobiphenyl	8.1E-19	6.8E-19	5.2E-14	6.5E-15	1.8E-20	5.8E-14
Trichlorobiphenyl	9.7E-19	8.2E-19	6.5E-14	8.2E-15	2.2E-20	7.4E-14
Pesticides						
DDE		2.6E-09			2.4E-11	2.6E-09
Dieldrin	6.5E-10	7.6E-10			1.1E-14	1.4E-09
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.4E-12	1.8E-13		1.6E-12
1,4-Dioxane			5.5E-08			5.5E-08
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	8.0E-15	9.5E-15	3.9E-11	4.9E-12	8.0E-20	4.4E-11

Table H-541 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Butyl benzyl phthalate	5.3E-19	6.3E-19				1.2E-18
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			8.4E-11	1.0E-11		9.4E-11
Isopropanol						
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			8.6E-14	1.1E-14		9.6E-14
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			3.6E-12	4.4E-13		4.0E-12
1,2-Dichloroethane			6.2E-12	2.2E-09		2.2E-09
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						

Table H-541 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
2-Butanone						
2-Chlorotoluene						
2-Hexanone						
Benzene			4.3E-08	6.5E-09		4.9E-08
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			3.0E-13	3.8E-14		3.4E-13
Bromomethane						
Carbon disulfide						
Carbon tetrachloride			6.7E-08	7.9E-09		7.5E-08
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			8.6E-08	4.7E-09		9.0E-08
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			7.8E-09	5.2E-12		7.8E-09
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						

Table H-541 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Methylene chloride			1.5E-14	1.9E-15		1.7E-14
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethene			2.7E-15	3.4E-16		3.0E-15
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			3.5E-09	3.2E-16		3.5E-09
Trichlorofluoromethane						
Vinyl chloride			5.3E-09	2.3E-13		5.3E-09
Grand Total	1.6E-07	2.6E-07	2.8E-07	2.3E-08	1.9E-09	7.2E-07

Table H-542 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			4.2E-05	5.2E-06		4.7E-05
Aldehydes						
Acetaldehyde			1.6E-04	2.0E-05		1.8E-04
Formaldehyde			6.3E-05	7.9E-06		7.1E-05
Propionaldehyde			2.0E-05	2.5E-06	2.1E-12	2.2E-05
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-542 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	5.2E-08	2.0E-07	1.3E-06	1.6E-07	1.2E-10	1.7E-06
2,3,7,8-TCDF						
OCDD						
OCDF						
HCN						
Hydrogen cyanide			2.0E-04	2.5E-05		2.2E-04
Metals						
Aluminum		1.1E-02			1.1E-04	1.1E-02
Antimony		6.4E-04				6.4E-04
Arsenic	2.0E-03	4.7E-03	4.0E-05	4.9E-06	7.7E-06	6.8E-03
Barium		1.6E-08	2.5E-04	3.1E-05	3.1E-10	2.8E-04
Beryllium		5.2E-13	2.1E-06	2.7E-07	2.6E-15	2.4E-06
Cadmium		8.2E-13	7.6E-05	9.5E-06	4.0E-15	8.5E-05
Chromium		5.5E-11				5.5E-11
Cobalt		1.0E-01	1.6E-03	2.0E-04	2.6E-04	1.1E-01
Copper		8.4E-09				8.4E-09
Iron		3.6E-02				3.6E-02
Lead						
Manganese						
Mercury (+2)		1.1E-10	7.8E-08	9.8E-09	5.6E-15	8.8E-08

Table H-542 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental			3.3E-10	4.1E-11	6.3E-03	6.3E-03
Methyl Mercury		2.0E-11				2.0E-11
Nickel		2.9E-02	3.9E-05	4.8E-06	3.2E-04	3.0E-02
Phosphorus		3.7E-10				3.7E-10
Selenium		8.1E-15	8.7E-09	1.1E-09	9.9E-20	9.8E-09
Silver		1.7E-10				1.7E-10
Thallium (Soluble Salts)		2.7E-02				2.7E-02
Titanium						
Zinc		6.1E-13				6.1E-13
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.4E-15	3.1E-15				6.5E-15
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	5.8E-14	5.2E-14				1.1E-13
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						

Table H-542 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						
Biphenyl		6.7E-15	2.8E-04	3.5E-05	4.9E-12	3.1E-04
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	1.7E-12	1.5E-12				3.2E-12
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene			5.0E-05	6.2E-06		5.6E-05
Perylene						
Phenanthrene						
Pyrene	8.3E-12	7.6E-12				1.6E-11
Particulate						
Particulate Total Suspended Partic						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	9.3E-12	7.8E-12				1.7E-11
Heptachlorobiphenyl	3.7E-12	3.2E-12	9.8E-10	1.2E-10	2.5E-15	1.1E-09
Hexachlorobiphenyl	1.7E-11	1.4E-11	4.1E-06	5.1E-07	1.1E-11	4.6E-06
Monochlorobiphenyl	6.4E-11	5.4E-11				1.2E-10
Nonachlorobiphenyl	6.6E-13	5.6E-13				1.2E-12

Table H-542 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Octachlorobiphenyl	1.2E-12	1.0E-12				2.2E-12
Pentachlorobiphenyl	6.1E-11	5.1E-11	4.6E-05	5.7E-06	1.3E-10	5.1E-05
Tetrachlorobiphenyl	3.5E-12	3.0E-12	2.3E-07	2.9E-08	1.5E-13	2.6E-07
Trichlorobiphenyl	4.3E-12	3.6E-12				7.8E-12
Pesticides						
DDE						
Dieldrin	9.4E-06	1.1E-05				2.1E-05
SVOCs						
1,2,4-trichlorobenzene			1.3E-07	1.7E-08		1.5E-07
1,2-dichlorobenzene			5.4E-10	6.8E-11		6.1E-10
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.9E-09	2.4E-10		2.1E-09
1,4-Dioxane			4.3E-03			4.3E-03
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			9.3E-08	1.2E-08		1.0E-07
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-10	4.0E-10				7.4E-10

Table H-542 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Butyl benzyl phthalate	1.6E-14	1.9E-14				3.6E-14
Carbazole						
Dibenzofuran	1.4E-13	5.7E-13				7.1E-13
Dimethyl phthalate						
Di-n-butyl phthalate	3.3E-14	3.9E-14				7.1E-14
Di-n-octyl phthalate	9.4E-13	1.1E-12				2.1E-12
Hexachlorobutadiene						
Isopropanol			1.0E-02			1.0E-02
Phenol			1.5E-06	1.9E-07		1.7E-06
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			2.7E-11	3.3E-12		3.0E-11
1,1-Dichloroethene			1.3E-10	1.6E-11		1.5E-10
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.6E-07	4.5E-08		4.1E-07
1,2,4-Trimethylbenzene			8.9E-07	1.1E-07		1.0E-06
1,2-Dibromoethane			7.7E-09	9.6E-10		8.6E-09
1,2-Dichloroethane			4.0E-07	1.4E-04		1.4E-04
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						

Table H-542 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
2-Butanone			6.6E-09	8.3E-10		7.4E-09
2-Chlorotoluene						
2-Hexanone			2.3E-07	2.8E-08		2.5E-07
Benzene			2.1E-03	3.2E-04		2.5E-03
Bromobenzene			6.2E-07	7.8E-08		7.0E-07
Bromochloromethane			2.2E-09	2.8E-10		2.5E-09
Bromodichloromethane						
Bromomethane			7.6E-07	9.5E-08		8.6E-07
Carbon disulfide			4.8E-09	6.0E-10		5.4E-09
Carbon tetrachloride			1.3E-03	1.5E-04		1.5E-03
Chlorobenzene			9.6E-08	1.2E-08		1.1E-07
Chlorodibromomethane						
Chloroethane			9.1E-10	1.1E-10		1.0E-09
Chloroform			4.4E-04	2.4E-05		4.7E-04
Chloromethane			3.4E-07	4.3E-08		3.9E-07
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			5.1E-08	6.4E-09		5.7E-08
Dichlorodifluoromethane			2.5E-09	3.1E-10		2.8E-09
Ethylbenzene			3.7E-05	2.4E-08		3.7E-05
Isopropylbenzene			3.9E-08	4.9E-09		4.4E-08
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.2E-10	1.5E-11		1.3E-10

Table H-542 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Methylene chloride			3.0E-08	3.8E-09		3.4E-08
n-Butylbenzene						
n-Propylbenzene			9.4E-09	1.2E-09		1.1E-08
o-Xylene			2.3E-07	2.9E-08		2.6E-07
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			5.1E-07	6.4E-08		5.7E-07
tert-Butylbenzene						
Tetrachloroethene			3.0E-09	3.8E-10		3.4E-09
Toluene			6.3E-08	7.9E-09		7.1E-08
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			5.0E-03	4.5E-10		5.0E-03
Trichlorofluoromethane						
Vinyl chloride			1.4E-04	6.2E-09		1.4E-04
Grand Total	2.0E-03	2.1E-01	2.6E-02	1.0E-03	7.0E-03	2.5E-01

Table H-543 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						2.7E-10	6.3E-10	3.4E-11	3.4E-11			9.7E-10
Formaldehyde						6.9E-10	1.6E-09	8.6E-11	8.6E-11			2.4E-09
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.0E-16	8.4E-14	1.2E-13	3.3E-13	9.2E-13	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.7E-18	2.9E-17	1.0E-10
1,2,3,4,6,7,8-HpCDF	9.9E-17	8.5E-14	1.2E-13	3.3E-13	9.3E-13	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.8E-18	2.9E-17	1.0E-10
1,2,3,4,7,8,9-HpCDF	1.6E-17	9.7E-15	1.4E-14	3.8E-14	1.1E-13	3.5E-12	8.2E-12	4.4E-13	4.4E-13	5.5E-19	3.4E-18	1.3E-11
1,2,3,4,7,8-HxCDD	1.2E-15	9.5E-14	1.3E-13	3.7E-13	1.0E-12	3.3E-11	7.6E-11	4.1E-12	4.1E-12	5.4E-18	3.3E-17	1.2E-10
1,2,3,4,7,8-HxCDF	8.4E-15	7.6E-13	1.1E-12	3.0E-12	8.3E-12	2.7E-10	6.2E-10	3.4E-11	3.4E-11	4.3E-17	2.6E-16	9.7E-10
1,2,3,6,7,8-HxCDD	2.4E-15	1.9E-13	2.7E-13	7.6E-13	2.1E-12	7.0E-11	1.6E-10	8.7E-12	8.7E-12	1.1E-17	6.7E-17	2.5E-10
1,2,3,6,7,8-HxCDF	3.1E-15	2.5E-13	3.5E-13	9.7E-13	2.7E-12	8.7E-11	2.0E-10	1.1E-11	1.1E-11	1.4E-17	8.6E-17	3.2E-10
1,2,3,7,8,9-HxCDD	3.3E-15	3.1E-13	4.3E-13	1.2E-12	3.4E-12	1.1E-10	2.4E-10	1.3E-11	1.3E-11	1.7E-17	1.1E-16	3.8E-10
1,2,3,7,8,9-HxCDF	2.7E-16	1.8E-14	2.5E-14	7.0E-14	1.9E-13	6.7E-12	1.5E-11	8.4E-13	8.4E-13	1.0E-18	6.1E-18	2.4E-11
1,2,3,7,8-PeCDD	7.7E-14	1.1E-12	1.5E-12	4.2E-12	1.2E-11	4.2E-10	9.7E-10	5.3E-11	5.3E-11	6.1E-17	3.7E-16	1.5E-09
1,2,3,7,8-PeCDF	5.4E-15	6.3E-14	8.8E-14	2.5E-13	7.0E-13	3.0E-11	6.9E-11	3.7E-12	3.7E-12	3.6E-18	2.2E-17	1.1E-10
2,3,4,6,7,8-HxCDF	4.5E-15	3.9E-13	5.4E-13	1.5E-12	4.3E-12	1.4E-10	3.1E-10	1.7E-11	1.7E-11	2.2E-17	1.3E-16	4.9E-10
2,3,4,7,8-PeCDF	8.3E-14	1.5E-12	2.1E-12	6.0E-12	1.7E-11	6.7E-10	1.6E-09	8.4E-11	8.4E-11	8.5E-17	5.3E-16	2.4E-09
2,3,7,8-TCDD	2.7E-14	2.2E-13	3.1E-13	8.7E-13	2.4E-12	1.7E-10	3.9E-10	2.1E-11	2.1E-11	8.7E-15	5.3E-14	6.0E-10
2,3,7,8-TCDF	8.8E-15	4.0E-14	5.6E-14	1.6E-13	4.4E-13	6.2E-11	1.4E-10	7.8E-12	7.8E-12	2.3E-18	1.4E-17	2.2E-10
OCDD	1.4E-20	5.7E-16	7.9E-16	2.2E-15	6.2E-15	1.8E-13	4.2E-13	2.3E-14	2.3E-14	3.2E-20	2.0E-19	6.6E-13
OCDF	5.0E-21	2.2E-16	3.1E-16	8.6E-16	2.4E-15	6.9E-14	1.6E-13	8.6E-15	8.6E-15	1.2E-20	7.6E-20	2.5E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-543 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.0E-16	7.7E-08	3.0E-08	1.8E-07	1.4E-07	2.2E-10	5.1E-10	2.7E-11	2.7E-11	4.3E-11	7.2E-11	4.3E-07
Barium												
Beryllium						8.8E-12	2.0E-11	1.1E-12	1.1E-12	1.1E-20	6.5E-20	3.1E-11
Cadmium						1.2E-10	2.7E-10	1.5E-11	1.5E-11	6.2E-21	3.8E-20	4.2E-10
Chromium												
Cobalt						7.6E-09	1.8E-08	9.5E-10	9.5E-10	1.2E-09	3.1E-09	3.1E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						7.7E-11	1.8E-10	9.7E-12	9.7E-12	6.4E-10	1.7E-09	2.6E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		5.9E-19	8.3E-19	5.4E-19	1.5E-18							3.5E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	3.8E-13	5.6E-09	3.2E-08	5.1E-09	5.8E-08	2.8E-11	6.5E-11	3.5E-12	3.5E-12	1.2E-11	7.1E-11	1.0E-07
Benzo(a)pyrene	1.9E-12	5.3E-08	3.5E-07	4.8E-08	6.4E-07	1.1E-10	2.6E-10	1.4E-11	1.4E-11	3.6E-13	1.0E-11	1.1E-06
Benzo(b)fluoranthene	5.2E-14	8.2E-09	4.9E-08	7.5E-09	9.0E-08	1.2E-11	2.9E-11	1.5E-12	1.5E-12	5.5E-14	1.5E-12	1.5E-07
Benzo(e)pyrene												

Table H-543 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	3.8E-17	4.4E-10	2.5E-09	4.0E-10	4.5E-09	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.0E-14	7.4E-13	7.9E-09
Biphenyl				2.3E-18	6.4E-18							8.7E-18
Chrysene	6.6E-16	7.1E-11	3.6E-10	6.4E-11	6.5E-10	4.8E-12	1.1E-11	6.0E-13	6.0E-13	4.7E-15	1.1E-13	1.2E-09
Dibenze(a,h)anthracene	9.3E-14	1.2E-08	8.7E-08	1.1E-08	1.6E-07	1.9E-11	4.4E-11	2.4E-12	2.4E-12	9.1E-14	2.8E-12	2.7E-07
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	2.3E-14	3.5E-09	2.3E-08	3.2E-09	4.1E-08	5.8E-12	1.3E-11	7.3E-13	7.3E-13	2.4E-14	6.7E-13	7.1E-08
Napthalene						4.3E-10	1.0E-09	5.4E-11	5.4E-11			1.5E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	3.6E-17	2.1E-18	3.0E-18	1.8E-18	5.0E-18	1.6E-13	3.7E-13	2.0E-14	2.0E-14	4.8E-20	2.9E-19	5.7E-13
Heptachlorobiphenyl	3.9E-17	6.9E-18	9.7E-18	5.9E-18	1.6E-17	6.2E-14	1.4E-13	7.7E-15	7.7E-15	8.5E-20	5.2E-19	2.2E-13
Hexachlorobiphenyl	1.6E-16	3.1E-17	4.4E-17	2.6E-17	7.4E-17	2.6E-13	6.0E-13	3.3E-14	3.3E-14	3.8E-19	2.4E-18	9.3E-13
Monochlorobiphenyl	2.5E-16	1.5E-17	2.1E-17	1.2E-17	3.5E-17	1.1E-12	2.6E-12	1.4E-13	1.4E-13	3.3E-19	2.0E-18	4.0E-12
Nonachlorobiphenyl	4.9E-18	1.2E-18	1.7E-18	1.0E-18	2.9E-18	8.8E-15	2.0E-14	1.1E-15	1.1E-15	1.5E-20	9.2E-20	3.1E-14
Octachlorobiphenyl	1.2E-17	2.3E-18	3.1E-18	1.9E-18	5.3E-18	1.9E-14	4.4E-14	2.4E-15	2.4E-15	2.8E-20	1.7E-19	6.8E-14
Pentachlorobiphenyl	5.3E-16	1.1E-16	1.6E-16	9.5E-17	2.7E-16	8.9E-13	2.1E-12	1.1E-13	1.1E-13	1.4E-18	8.5E-18	3.2E-12
Tetrachlorobiphenyl	1.1E-17	8.1E-19	1.1E-18	6.8E-19	1.9E-18	5.2E-14	1.2E-13	6.5E-15	6.5E-15	1.8E-20	1.1E-19	1.8E-13
Trichlorobiphenyl	1.4E-17	9.7E-19	1.4E-18	8.2E-19	2.3E-18	6.5E-14	1.5E-13	8.2E-15	8.2E-15	2.2E-20	1.4E-19	2.3E-13
Pesticides												
DDE				2.6E-09	6.4E-09					2.4E-11	1.5E-10	9.2E-09
Dieldrin		6.5E-10	1.4E-08	7.6E-10	3.2E-08					1.1E-14	1.0E-12	4.7E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	4.3E-20					1.4E-12	3.3E-12	1.8E-13	1.8E-13			5.1E-12
1,4-Dioxane						5.5E-08						5.5E-08

Table H-543 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	5.9E-16	8.0E-15	1.1E-14	9.5E-15	2.7E-14	3.9E-11	9.0E-11	4.9E-12	4.9E-12	8.0E-20	4.9E-19	1.4E-10
Butyl benzyl phthalate	2.9E-17	5.3E-19	7.4E-19	6.3E-19	1.8E-18							3.2E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	4.5E-17					8.4E-11	1.9E-10	1.0E-11	1.0E-11			3.0E-10
Isopropanol												
p-Chloroaniline			5.6E-09		1.3E-08							1.9E-08
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	6.0E-21					8.6E-14	2.0E-13	1.1E-14	1.1E-14			3.0E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	2.8E-18											2.8E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	6.4E-20					3.6E-12	8.2E-12	4.4E-13	4.4E-13			1.3E-11
1,2-Dichloroethane	9.1E-20					6.2E-12	9.8E-08	2.2E-09	2.2E-09			1.0E-07
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												

Table H-543 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorotoluene												
2-Hexanone												
Benzene	9.3E-18					4.3E-08	1.8E-07	6.5E-09	6.5E-09			2.4E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	1.7E-21					3.0E-13	1.1E-06	3.8E-14	3.8E-14			1.1E-06
Bromoform							1.4E-07					1.4E-07
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	8.1E-22					6.7E-08	2.0E-07	7.9E-09	7.9E-09			2.8E-07
Chlorobenzene												
Chlorodibromomethane	1.3E-19											1.3E-19
Chloroethane												
Chloroform	7.5E-21					8.6E-08	1.6E-06	4.7E-09	4.7E-09			1.7E-06
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	1.4E-18					7.8E-09	4.7E-08	5.2E-12	5.2E-12			5.5E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	4.4E-21					1.5E-14	3.6E-14	1.9E-15	1.9E-15			5.5E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	1.2E-22					2.7E-15	6.2E-15	3.4E-16	3.4E-16			9.6E-15
Toluene												
trans-1,2-Dichloroethene												

Table H-543 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,3-Dichloropropene												
Trichloroethene	2.7E-23					3.5E-09	1.6E-07	3.2E-16	3.2E-16			1.6E-07
Trichlorofluoromethane												
Vinyl chloride	3.0E-20					5.3E-09	4.3E-12	2.3E-13	2.3E-13			5.3E-09
Grand Total	2.7E-12	1.6E-07	5.9E-07	2.6E-07	1.2E-06	2.8E-07	3.5E-06	2.3E-08	2.3E-08	1.9E-09	5.1E-09	6.0E-06

Table H-544 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					6.3E-05	1.5E-04	7.9E-06	7.9E-06			2.2E-04
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.1E-02	2.0E-02					1.1E-04	4.2E-04	3.1E-02
Antimony	3.9E-14			6.4E-04	3.6E-03							4.2E-03

Table H-544 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	2.0E-03	7.7E-04	4.7E-03	3.6E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	7.7E-06	1.3E-05	1.1E-02
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt				1.0E-01	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.6E-04	6.6E-04	2.3E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				3.6E-02	5.4E-02							9.0E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	6.3E-03	3.9E-02	4.5E-02
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.9E-02	3.5E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.2E-04	8.5E-04	6.6E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Thallium (Soluble Salts)				2.7E-02	1.7E-02							4.4E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-544 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
DDE												
Dieldrin		9.4E-06	2.0E-04	1.1E-05	4.7E-04							6.9E-04
SVOCs												
1,2,4-trichlorobenzene								1.3E-07	3.1E-07	1.7E-08	1.7E-08	4.8E-07
1,2-dichlorobenzene	3.1E-17							5.4E-10	1.3E-09	6.8E-11	6.8E-11	1.9E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15							1.9E-09	4.4E-09	2.4E-10	2.4E-10	6.8E-09
1,4-Dioxane								4.3E-03				4.3E-03

Table H-544 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.0E-02	1.1E-02					2.1E-02
p-Chloroaniline			8.2E-05		1.9E-04							2.8E-04
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	6.3E-03	1.4E-04	1.4E-04			6.5E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08

Table H-544 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.1E-03	9.0E-03	3.2E-04	3.2E-04			1.2E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromoform												
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.3E-03	3.9E-03	1.5E-04	1.5E-04			5.5E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					4.4E-04	8.1E-03	2.4E-05	2.4E-05			8.6E-03
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					3.7E-05	2.2E-04	2.4E-08	2.4E-08			2.6E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15

Table H-544 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					5.0E-03	2.2E-01	4.5E-10	4.5E-10			2.3E-01
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					1.4E-04	1.1E-07	6.2E-09	6.2E-09			1.4E-04
Grand Total	4.8E-09	2.0E-03	1.0E-03	2.1E-01	2.6E-01	2.6E-02	2.7E-01	1.0E-03	1.0E-03	7.0E-03	4.1E-02	8.2E-01

Table H-545 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						2.7E-10	6.3E-10	3.4E-11	3.4E-11			9.7E-10
Formaldehyde						6.9E-10	4.4E-05	8.6E-11	8.6E-11			4.4E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.0E-16	8.4E-14	1.2E-13	3.3E-13	9.2E-13	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.7E-18	2.9E-17	1.0E-10
1,2,3,4,6,7,8-HpCDF	9.9E-17	8.5E-14	1.2E-13	3.3E-13	9.3E-13	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.8E-18	2.9E-17	1.0E-10
1,2,3,4,7,8,9-HpCDF	1.6E-17	9.7E-15	1.4E-14	3.8E-14	1.1E-13	3.5E-12	8.2E-12	4.4E-13	4.4E-13	5.5E-19	3.4E-18	1.3E-11
1,2,3,4,7,8-HxCDD	1.2E-15	9.5E-14	1.3E-13	3.7E-13	1.0E-12	3.3E-11	7.6E-11	4.1E-12	4.1E-12	5.4E-18	3.3E-17	1.2E-10
1,2,3,4,7,8-HxCDF	8.4E-15	7.6E-13	1.1E-12	3.0E-12	8.3E-12	2.7E-10	6.2E-10	3.4E-11	3.4E-11	4.3E-17	2.6E-16	9.7E-10
1,2,3,6,7,8-HxCDD	2.4E-15	1.9E-13	2.7E-13	7.6E-13	2.1E-12	7.0E-11	1.6E-10	8.7E-12	8.7E-12	1.1E-17	6.7E-17	2.5E-10
1,2,3,6,7,8-HxCDF	3.1E-15	2.5E-13	3.5E-13	9.7E-13	2.7E-12	8.7E-11	2.0E-10	1.1E-11	1.1E-11	1.4E-17	8.6E-17	3.2E-10
1,2,3,7,8,9-HxCDD	3.3E-15	3.1E-13	4.3E-13	1.2E-12	3.4E-12	1.1E-10	2.4E-10	1.3E-11	1.3E-11	1.7E-17	1.1E-16	3.8E-10
1,2,3,7,8,9-HxCDF	2.7E-16	1.8E-14	2.5E-14	7.0E-14	1.9E-13	6.7E-12	1.5E-11	8.4E-13	8.4E-13	1.0E-18	6.1E-18	2.4E-11
1,2,3,7,8-PeCDD	7.7E-14	1.1E-12	1.5E-12	4.2E-12	1.2E-11	4.2E-10	9.7E-10	5.3E-11	5.3E-11	6.1E-17	3.7E-16	1.5E-09
1,2,3,7,8-PeCDF	5.4E-15	6.3E-14	8.8E-14	2.5E-13	7.0E-13	3.0E-11	6.9E-11	3.7E-12	3.7E-12	3.6E-18	2.2E-17	1.1E-10
2,3,4,6,7,8-HxCDF	4.5E-15	3.9E-13	5.4E-13	1.5E-12	4.3E-12	1.4E-10	3.1E-10	1.7E-11	1.7E-11	2.2E-17	1.3E-16	4.9E-10
2,3,4,7,8-PeCDF	8.3E-14	1.5E-12	2.1E-12	6.0E-12	1.7E-11	6.7E-10	1.6E-09	8.4E-11	8.4E-11	8.5E-17	5.3E-16	2.4E-09
2,3,7,8-TCDD	2.7E-14	2.2E-13	3.1E-13	8.7E-13	2.4E-12	1.7E-10	3.9E-10	2.1E-11	2.1E-11	8.7E-15	5.3E-14	6.0E-10
2,3,7,8-TCDF	8.8E-15	4.0E-14	5.6E-14	1.6E-13	4.4E-13	6.2E-11	1.4E-10	7.8E-12	7.8E-12	2.3E-18	1.4E-17	2.2E-10
OCDD	1.4E-20	5.7E-16	7.9E-16	2.2E-15	6.2E-15	1.8E-13	4.2E-13	2.3E-14	2.3E-14	3.2E-20	2.0E-19	6.6E-13
OCDF	5.0E-21	2.2E-16	3.1E-16	8.6E-16	2.4E-15	6.9E-14	1.6E-13	8.6E-15	8.6E-15	1.2E-20	7.6E-20	2.5E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-545 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.0E-16	7.7E-08	5.9E-08	1.8E-07	2.8E-07	2.2E-10	5.1E-10	2.7E-11	2.7E-11	4.3E-11	1.4E-10	6.0E-07
Barium												
Beryllium						8.8E-12	2.0E-11	1.1E-12	1.1E-12	1.1E-20	6.5E-20	3.1E-11
Cadmium						1.2E-10	2.7E-10	1.5E-11	1.5E-11	6.2E-21	3.8E-20	4.2E-10
Chromium												
Cobalt						7.6E-09	1.8E-08	9.5E-10	9.5E-10	1.2E-09	3.1E-09	3.1E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						7.7E-11	1.8E-10	9.7E-12	9.7E-12	6.4E-10	1.9E-09	2.8E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		5.9E-19	8.3E-19	5.4E-19	1.5E-18							3.5E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	3.8E-13	5.6E-09	1.4E-13	5.1E-09	2.6E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	1.2E-11	7.1E-11	1.1E-08
Benzo(a)pyrene	1.9E-12	5.3E-08	6.7E-13	4.8E-08	1.2E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	3.6E-13	2.0E-17	1.0E-07
Benzo(b)fluoranthene	5.2E-14	8.2E-09	3.9E-15	7.5E-09	7.0E-15	1.2E-11	2.9E-11	1.5E-12	1.5E-12	5.5E-14	1.1E-19	1.6E-08
Benzo(e)pyrene												

Table H-545 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	3.8E-17	4.4E-10	4.0E-16	4.0E-10	7.2E-16	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.0E-14	1.2E-19	8.4E-10
Biphenyl				2.3E-18	6.4E-18							8.7E-18
Chrysene	6.6E-16	7.1E-11	1.8E-15	6.4E-11	3.3E-15	4.8E-12	1.1E-11	6.0E-13	6.0E-13	4.7E-15	5.4E-19	1.5E-10
Dibenze(a,h)anthracene	9.3E-14	1.2E-08	2.3E-13	1.1E-08	4.2E-13	1.9E-11	4.4E-11	2.4E-12	2.4E-12	9.1E-14	7.5E-18	2.4E-08
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	2.3E-14	3.5E-09	6.6E-14	3.2E-09	1.2E-13	5.8E-12	1.3E-11	7.3E-13	7.3E-13	2.4E-14	2.0E-18	6.8E-09
Napthalene						4.3E-10	1.0E-09	5.4E-11	5.4E-11			1.5E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	3.6E-17	2.1E-18	3.0E-18	1.8E-18	5.0E-18	1.6E-13	3.7E-13	2.0E-14	2.0E-14	4.8E-20	2.9E-19	5.7E-13
Heptachlorobiphenyl	3.9E-17	6.9E-18	9.7E-18	5.9E-18	1.6E-17	6.2E-14	1.4E-13	7.7E-15	7.7E-15	8.5E-20	5.2E-19	2.2E-13
Hexachlorobiphenyl	1.6E-16	3.1E-17	4.4E-17	2.6E-17	7.4E-17	2.6E-13	6.0E-13	3.3E-14	3.3E-14	3.8E-19	2.4E-18	9.3E-13
Monochlorobiphenyl	2.5E-16	1.5E-17	2.1E-17	1.2E-17	3.5E-17	1.1E-12	2.6E-12	1.4E-13	1.4E-13	3.3E-19	2.0E-18	4.0E-12
Nonachlorobiphenyl	4.9E-18	1.2E-18	1.7E-18	1.0E-18	2.9E-18	8.8E-15	2.0E-14	1.1E-15	1.1E-15	1.5E-20	9.2E-20	3.1E-14
Octachlorobiphenyl	1.2E-17	2.3E-18	3.1E-18	1.9E-18	5.3E-18	1.9E-14	4.4E-14	2.4E-15	2.4E-15	2.8E-20	1.7E-19	6.8E-14
Pentachlorobiphenyl	5.3E-16	1.1E-16	1.6E-16	9.5E-17	2.7E-16	8.9E-13	2.1E-12	1.1E-13	1.1E-13	1.4E-18	8.5E-18	3.2E-12
Tetrachlorobiphenyl	1.1E-17	8.1E-19	1.1E-18	6.8E-19	1.9E-18	5.2E-14	1.2E-13	6.5E-15	6.5E-15	1.8E-20	1.1E-19	1.8E-13
Trichlorobiphenyl	1.4E-17	9.7E-19	1.4E-18	8.2E-19	2.3E-18	6.5E-14	1.5E-13	8.2E-15	8.2E-15	2.2E-20	1.4E-19	2.3E-13
Pesticides												
DDE				2.6E-09	2.3E-09					2.4E-11	1.5E-10	5.1E-09
Dieldrin		6.5E-10		7.6E-10						1.1E-14		1.4E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	4.3E-20					1.4E-12	3.3E-12	1.8E-13	1.8E-13			5.1E-12
1,4-Dioxane						5.5E-08						5.5E-08

Table H-545 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	5.9E-16	8.0E-15	1.1E-14	9.5E-15	2.7E-14	3.9E-11	9.0E-11	4.9E-12	4.9E-12	8.0E-20	4.9E-19	1.4E-10
Butyl benzyl phthalate	2.9E-17	5.3E-19	7.4E-19	6.3E-19	1.8E-18							3.2E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	4.5E-17					8.4E-11	1.9E-10	1.0E-11	1.0E-11			3.0E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	6.0E-21					8.6E-14	2.0E-13	1.1E-14	1.1E-14			3.0E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	2.8E-18											2.8E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	6.4E-20					3.6E-12	8.2E-12	4.4E-13	4.4E-13			1.3E-11
1,2-Dichloroethane	9.1E-20					6.2E-12	1.4E-11	2.2E-09	2.2E-09			4.5E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												

Table H-545 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone												
Benzene	9.3E-18					4.3E-08	1.3E-09	6.5E-09	6.5E-09			5.7E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	1.7E-21					3.0E-13	7.0E-13	3.8E-14	3.8E-14			1.1E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	8.1E-22					6.7E-08	2.6E-13	7.9E-09	7.9E-09			8.3E-08
Chlorobenzene												
Chlorodibromomethane	1.3E-19											1.3E-19
Chloroethane												
Chloroform	7.5E-21					8.6E-08	8.9E-12	4.7E-09	4.7E-09			9.5E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	1.4E-18					7.8E-09	9.7E-11	5.2E-12	5.2E-12			7.9E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	4.4E-21					1.5E-14	3.6E-14	1.9E-15	1.9E-15			5.5E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	1.2E-22					2.7E-15	6.2E-15	3.4E-16	3.4E-16			9.6E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	2.7E-23					3.5E-09	5.9E-15	3.2E-16	3.2E-16			3.5E-09

Table H-545 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane												
Vinyl chloride	3.0E-20					5.3E-09	4.3E-12	2.3E-13	2.3E-13			5.3E-09
Grand Total	2.7E-12	1.6E-07	5.9E-08	2.6E-07	2.8E-07	2.8E-07	4.4E-05	2.3E-08	2.3E-08	1.9E-09	5.4E-09	4.5E-05

Table H-546 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					6.3E-05	4.0E+00	7.9E-06	7.9E-06			4.0E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.1E-02	2.4E-02					1.1E-04	5.1E-04	3.5E-02
Antimony	3.9E-14			6.4E-04	1.2E-03							1.8E-03

Table H-546 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	2.0E-03	1.5E-03	4.7E-03	7.2E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	7.7E-06	2.6E-05	1.6E-02
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt				1.0E-01	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.6E-04	6.7E-04	2.4E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				3.6E-02	5.7E-02							9.3E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	6.3E-03	3.9E-02	4.5E-02
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.9E-02	4.0E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.2E-04	9.5E-04	7.0E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Thallium (Soluble Salts)				2.7E-02	1.4E-02							4.1E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-546 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
DDE												
Dieldrin		9.4E-06		1.1E-05								2.1E-05
SVOCs												
1,2,4-trichlorobenzene								1.3E-07	3.1E-07	1.7E-08	1.7E-08	4.8E-07
1,2-dichlorobenzene	3.1E-17							5.4E-10	1.3E-09	6.8E-11	6.8E-11	1.9E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15							1.9E-09	4.4E-09	2.4E-10	2.4E-10	6.8E-09
1,4-Dioxane								4.3E-03				4.3E-03

Table H-546 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.0E-02						1.0E-02
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	9.1E-07	1.4E-04	1.4E-04			2.9E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												

Table H-546 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.1E-03	6.7E-05	3.2E-04	3.2E-04			2.8E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.3E-03	5.0E-09	1.5E-04	1.5E-04			1.6E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					4.4E-04	4.6E-08	2.4E-05	2.4E-05			4.9E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					3.7E-05	4.5E-07	2.4E-08	2.4E-08			3.7E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					5.0E-03	8.4E-09	4.5E-10	4.5E-10			5.0E-03

Table H-546 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					1.4E-04	1.1E-07	6.2E-09	6.2E-09			1.4E-04
Grand Total	4.8E-09	2.0E-03	1.5E-03	2.1E-01	2.7E-01	2.6E-02	4.0E+00	1.0E-03	1.0E-03	7.0E-03	4.1E-02	4.6E+00

Table H-547 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						2.7E-10	6.3E-10	3.4E-11	3.4E-11			9.7E-10
Formaldehyde						6.9E-10	3.0E-05	8.6E-11	8.6E-11			3.0E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.0E-16	8.4E-14	1.2E-13	3.3E-13	9.2E-13	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.7E-18	2.9E-17	1.0E-10
1,2,3,4,6,7,8-HpCDF	9.9E-17	8.5E-14	1.2E-13	3.3E-13	9.3E-13	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.8E-18	2.9E-17	1.0E-10
1,2,3,4,7,8,9-HpCDF	1.6E-17	9.7E-15	1.4E-14	3.8E-14	1.1E-13	3.5E-12	8.2E-12	4.4E-13	4.4E-13	5.5E-19	3.4E-18	1.3E-11
1,2,3,4,7,8-HxCDD	1.2E-15	9.5E-14	1.3E-13	3.7E-13	1.0E-12	3.3E-11	7.6E-11	4.1E-12	4.1E-12	5.4E-18	3.3E-17	1.2E-10
1,2,3,4,7,8-HxCDF	8.4E-15	7.6E-13	1.1E-12	3.0E-12	8.3E-12	2.7E-10	6.2E-10	3.4E-11	3.4E-11	4.3E-17	2.6E-16	9.7E-10
1,2,3,6,7,8-HxCDD	2.4E-15	1.9E-13	2.7E-13	7.6E-13	2.1E-12	7.0E-11	1.6E-10	8.7E-12	8.7E-12	1.1E-17	6.7E-17	2.5E-10
1,2,3,6,7,8-HxCDF	3.1E-15	2.5E-13	3.5E-13	9.7E-13	2.7E-12	8.7E-11	2.0E-10	1.1E-11	1.1E-11	1.4E-17	8.6E-17	3.2E-10
1,2,3,7,8,9-HxCDD	3.3E-15	3.1E-13	4.3E-13	1.2E-12	3.4E-12	1.1E-10	2.4E-10	1.3E-11	1.3E-11	1.7E-17	1.1E-16	3.8E-10
1,2,3,7,8,9-HxCDF	2.7E-16	1.8E-14	2.5E-14	7.0E-14	1.9E-13	6.7E-12	1.5E-11	8.4E-13	8.4E-13	1.0E-18	6.1E-18	2.4E-11
1,2,3,7,8-PeCDD	7.7E-14	1.1E-12	1.5E-12	4.2E-12	1.2E-11	4.2E-10	9.7E-10	5.3E-11	5.3E-11	6.1E-17	3.7E-16	1.5E-09
1,2,3,7,8-PeCDF	5.4E-15	6.3E-14	8.8E-14	2.5E-13	7.0E-13	3.0E-11	6.9E-11	3.7E-12	3.7E-12	3.6E-18	2.2E-17	1.1E-10
2,3,4,6,7,8-HxCDF	4.5E-15	3.9E-13	5.4E-13	1.5E-12	4.3E-12	1.4E-10	3.1E-10	1.7E-11	1.7E-11	2.2E-17	1.3E-16	4.9E-10
2,3,4,7,8-PeCDF	8.3E-14	1.5E-12	2.1E-12	6.0E-12	1.7E-11	6.7E-10	1.6E-09	8.4E-11	8.4E-11	8.5E-17	5.3E-16	2.4E-09
2,3,7,8-TCDD	2.7E-14	2.2E-13	3.1E-13	8.7E-13	2.4E-12	1.7E-10	3.9E-10	2.1E-11	2.1E-11	8.7E-15	5.3E-14	6.0E-10
2,3,7,8-TCDF	8.8E-15	4.0E-14	5.6E-14	1.6E-13	4.4E-13	6.2E-11	1.4E-10	7.8E-12	7.8E-12	2.3E-18	1.4E-17	2.2E-10
OCDD	1.4E-20	5.7E-16	7.9E-16	2.2E-15	6.2E-15	1.8E-13	4.2E-13	2.3E-14	2.3E-14	3.2E-20	2.0E-19	6.6E-13
OCDF	5.0E-21	2.2E-16	3.1E-16	8.6E-16	2.4E-15	6.9E-14	1.6E-13	8.6E-15	8.6E-15	1.2E-20	7.6E-20	2.5E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-547 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.0E-16	7.7E-08	2.3E-08	1.8E-07	1.1E-07	2.2E-10	5.1E-10	2.7E-11	2.7E-11	4.3E-11	5.7E-11	3.9E-07
Barium												
Beryllium						8.8E-12	2.0E-11	1.1E-12	1.1E-12	1.1E-20	6.5E-20	3.1E-11
Cadmium						1.2E-10	2.7E-10	1.5E-11	1.5E-11	6.2E-21	3.8E-20	4.2E-10
Chromium												
Cobalt						7.6E-09	1.8E-08	9.5E-10	9.5E-10	1.2E-09	5.3E-09	3.3E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						7.7E-11	1.8E-10	9.7E-12	9.7E-12	6.4E-10	3.2E-09	4.1E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		5.9E-19	8.3E-19	5.4E-19	1.5E-18							3.5E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	3.8E-13	5.6E-09	1.4E-13	5.1E-09	2.6E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	1.2E-11	7.1E-11	1.1E-08
Benzo(a)pyrene	1.9E-12	5.3E-08	8.2E-08	4.8E-08	1.5E-07	1.1E-10	2.6E-10	1.4E-11	1.4E-11	3.6E-13	2.4E-12	3.3E-07
Benzo(b)fluoranthene	5.2E-14	8.2E-09	7.4E-09	7.5E-09	1.4E-08	1.2E-11	2.9E-11	1.5E-12	1.5E-12	5.5E-14	2.2E-13	3.7E-08
Benzo(e)pyrene												

Table H-547 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	3.8E-17	4.4E-10	4.0E-16	4.0E-10	7.2E-16	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.0E-14	1.2E-19	8.4E-10
Biphenyl				2.3E-18	6.4E-18							8.7E-18
Chrysene	6.6E-16	7.1E-11	1.8E-15	6.4E-11	3.3E-15	4.8E-12	1.1E-11	6.0E-13	6.0E-13	4.7E-15	5.4E-19	1.5E-10
Dibenze(a,h)anthracene	9.3E-14	1.2E-08	2.3E-13	1.1E-08	4.2E-13	1.9E-11	4.4E-11	2.4E-12	2.4E-12	9.1E-14	7.5E-18	2.4E-08
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	2.3E-14	3.5E-09	6.6E-14	3.2E-09	1.2E-13	5.8E-12	1.3E-11	7.3E-13	7.3E-13	2.4E-14	2.0E-18	6.8E-09
Napthalene						4.3E-10	1.0E-09	5.4E-11	5.4E-11			1.5E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	3.6E-17	2.1E-18	3.0E-18	1.8E-18	5.0E-18	1.6E-13	3.7E-13	2.0E-14	2.0E-14	4.8E-20	2.9E-19	5.7E-13
Heptachlorobiphenyl	3.9E-17	6.9E-18	9.7E-18	5.9E-18	1.6E-17	6.2E-14	1.4E-13	7.7E-15	7.7E-15	8.5E-20	5.2E-19	2.2E-13
Hexachlorobiphenyl	1.6E-16	3.1E-17	4.4E-17	2.6E-17	7.4E-17	2.6E-13	6.0E-13	3.3E-14	3.3E-14	3.8E-19	2.4E-18	9.3E-13
Monochlorobiphenyl	2.5E-16	1.5E-17	2.1E-17	1.2E-17	3.5E-17	1.1E-12	2.6E-12	1.4E-13	1.4E-13	3.3E-19	2.0E-18	4.0E-12
Nonachlorobiphenyl	4.9E-18	1.2E-18	1.7E-18	1.0E-18	2.9E-18	8.8E-15	2.0E-14	1.1E-15	1.1E-15	1.5E-20	9.2E-20	3.1E-14
Octachlorobiphenyl	1.2E-17	2.3E-18	3.1E-18	1.9E-18	5.3E-18	1.9E-14	4.4E-14	2.4E-15	2.4E-15	2.8E-20	1.7E-19	6.8E-14
Pentachlorobiphenyl	5.3E-16	1.1E-16	1.6E-16	9.5E-17	2.7E-16	8.9E-13	2.1E-12	1.1E-13	1.1E-13	1.4E-18	8.5E-18	3.2E-12
Tetrachlorobiphenyl	1.1E-17	8.1E-19	1.1E-18	6.8E-19	1.9E-18	5.2E-14	1.2E-13	6.5E-15	6.5E-15	1.8E-20	1.1E-19	1.8E-13
Trichlorobiphenyl	1.4E-17	9.7E-19	1.4E-18	8.2E-19	2.3E-18	6.5E-14	1.5E-13	8.2E-15	8.2E-15	2.2E-20	1.4E-19	2.3E-13
Pesticides												
DDE				2.6E-09	8.0E-09					2.4E-11	1.5E-10	1.1E-08
Dieldrin		6.5E-10		7.6E-10						1.1E-14		1.4E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	4.3E-20					1.4E-12	3.3E-12	1.8E-13	1.8E-13			5.1E-12
1,4-Dioxane						5.5E-08						5.5E-08

Table H-547 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	5.9E-16	8.0E-15	1.1E-14	9.5E-15	2.7E-14	3.9E-11	9.0E-11	4.9E-12	4.9E-12	8.0E-20	4.9E-19	1.4E-10
Butyl benzyl phthalate	2.9E-17	5.3E-19	7.4E-19	6.3E-19	1.8E-18							3.2E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	4.5E-17					8.4E-11	1.9E-10	1.0E-11	1.0E-11			3.0E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	6.0E-21					8.6E-14	2.0E-13	1.1E-14	1.1E-14			3.0E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	2.8E-18											2.8E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	6.4E-20					3.6E-12	8.2E-12	4.4E-13	4.4E-13			1.3E-11
1,2-Dichloroethane	9.1E-20					6.2E-12	1.4E-11	2.2E-09	2.2E-09			4.5E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												

Table H-547 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone												
Benzene	9.3E-18					4.3E-08	1.3E-09	6.5E-09	6.5E-09			5.7E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	1.7E-21					3.0E-13	7.0E-13	3.8E-14	3.8E-14			1.1E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	8.1E-22					6.7E-08	2.6E-13	7.9E-09	7.9E-09			8.3E-08
Chlorobenzene												
Chlorodibromomethane	1.3E-19											1.3E-19
Chloroethane												
Chloroform	7.5E-21					8.6E-08	8.9E-12	4.7E-09	4.7E-09			9.5E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	1.4E-18					7.8E-09	9.7E-11	5.2E-12	5.2E-12			7.9E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	4.4E-21					1.5E-14	3.6E-14	1.9E-15	1.9E-15			5.5E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	1.2E-22					2.7E-15	6.2E-15	3.4E-16	3.4E-16			9.6E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	2.7E-23					3.5E-09	5.9E-15	3.2E-16	3.2E-16			3.5E-09

Table H-547 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane												
Vinyl chloride	3.0E-20					5.3E-09	4.3E-12	2.3E-13	2.3E-13			5.3E-09
Grand Total	2.7E-12	1.6E-07	1.1E-07	2.6E-07	2.8E-07	2.8E-07	3.0E-05	2.3E-08	2.3E-08	1.9E-09	8.7E-09	3.1E-05

Table H-548 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					6.3E-05	2.7E+00	7.9E-06	7.9E-06			2.7E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.1E-02	1.9E-02					1.1E-04	4.1E-04	3.0E-02
Antimony	3.9E-14			6.4E-04	4.2E-04							1.1E-03

Table H-548 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	2.0E-03	6.1E-04	4.7E-03	2.9E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	7.7E-06	1.0E-05	1.0E-02
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt				1.0E-01	2.1E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.6E-04	1.1E-03	3.2E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				3.6E-02	6.2E-02							9.8E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	6.3E-03	3.9E-02	4.5E-02
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.9E-02	6.6E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.2E-04	1.6E-03	9.7E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Thallium (Soluble Salts)				2.7E-02								2.7E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-548 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
DDE												
Dieldrin		9.4E-06		1.1E-05								2.1E-05
SVOCs												
1,2,4-trichlorobenzene								1.3E-07	3.1E-07	1.7E-08	1.7E-08	4.8E-07
1,2-dichlorobenzene	3.1E-17							5.4E-10	1.3E-09	6.8E-11	6.8E-11	1.9E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15							1.9E-09	4.4E-09	2.4E-10	2.4E-10	6.8E-09
1,4-Dioxane								4.3E-03				4.3E-03

Table H-548 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.0E-02						1.0E-02
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	9.1E-07	1.4E-04	1.4E-04			2.9E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												

Table H-548 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.1E-03	6.7E-05	3.2E-04	3.2E-04			2.8E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.3E-03	5.0E-09	1.5E-04	1.5E-04			1.6E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					4.4E-04	4.6E-08	2.4E-05	2.4E-05			4.9E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					3.7E-05	4.5E-07	2.4E-08	2.4E-08			3.7E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					5.0E-03	8.4E-09	4.5E-10	4.5E-10			5.0E-03

Table H-548 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					1.4E-04	1.1E-07	6.2E-09	6.2E-09			1.4E-04
Grand Total	4.8E-09	2.0E-03	6.1E-04	2.1E-01	3.6E-01	2.6E-02	2.8E+00	1.0E-03	1.0E-03	7.0E-03	4.2E-02	3.4E+00

Table H-549 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						2.7E-10	9.8E-09	3.4E-11	3.3E-09			1.3E-08
Formaldehyde						6.9E-10	2.3E-08	8.6E-11	7.5E-09			3.1E-08
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.0E-16	8.4E-14	1.6E-12	3.3E-13	1.2E-11	2.8E-11	1.1E-09	3.5E-12	3.7E-10	4.7E-18	3.9E-16	1.5E-09
1,2,3,4,6,7,8-HpCDF	9.9E-17	8.5E-14	1.6E-12	3.3E-13	1.2E-11	2.8E-11	1.1E-09	3.5E-12	3.7E-10	4.8E-18	3.9E-16	1.5E-09
1,2,3,4,7,8,9-HpCDF	1.6E-17	9.7E-15	1.9E-13	3.8E-14	1.5E-12	3.5E-12	1.4E-10	4.4E-13	4.8E-11	5.5E-19	4.7E-17	2.0E-10
1,2,3,4,7,8-HxCDD	1.2E-15	9.5E-14	1.8E-12	3.7E-13	1.4E-11	3.3E-11	1.3E-09	4.1E-12	4.5E-10	5.4E-18	4.6E-16	1.8E-09
1,2,3,4,7,8-HxCDF	8.4E-15	7.6E-13	1.5E-11	3.0E-12	1.1E-10	2.7E-10	1.1E-08	3.4E-11	3.6E-09	4.3E-17	3.6E-15	1.5E-08
1,2,3,6,7,8-HxCDD	2.4E-15	1.9E-13	3.8E-12	7.6E-13	3.0E-11	7.0E-11	2.8E-09	8.7E-12	9.4E-10	1.1E-17	9.3E-16	3.9E-09
1,2,3,6,7,8-HxCDF	3.1E-15	2.5E-13	4.8E-12	9.7E-13	3.8E-11	8.7E-11	3.6E-09	1.1E-11	1.2E-09	1.4E-17	1.2E-15	4.9E-09
1,2,3,7,8,9-HxCDD	3.3E-15	3.1E-13	5.9E-12	1.2E-12	4.7E-11	1.1E-10	4.3E-09	1.3E-11	1.4E-09	1.7E-17	1.5E-15	5.9E-09
1,2,3,7,8,9-HxCDF	2.7E-16	1.8E-14	3.5E-13	7.0E-14	2.7E-12	6.7E-12	2.7E-10	8.4E-13	9.1E-11	1.0E-18	8.6E-17	3.8E-10
1,2,3,7,8-PeCDD	7.7E-14	1.1E-12	2.1E-11	4.2E-12	1.7E-10	4.2E-10	1.7E-08	5.3E-11	5.7E-09	6.1E-17	5.2E-15	2.4E-08
1,2,3,7,8-PeCDF	5.4E-15	6.3E-14	1.2E-12	2.5E-13	9.8E-12	3.0E-11	1.2E-09	3.7E-12	4.1E-10	3.6E-18	3.1E-16	1.7E-09
2,3,4,6,7,8-HxCDF	4.5E-15	3.9E-13	7.3E-12	1.5E-12	5.7E-11	1.4E-10	5.4E-09	1.7E-11	1.8E-09	2.2E-17	1.8E-15	7.5E-09
2,3,4,7,8-PeCDF	8.3E-14	1.5E-12	3.0E-11	6.0E-12	2.3E-10	6.7E-10	2.7E-08	8.4E-11	9.1E-09	8.5E-17	7.4E-15	3.8E-08
2,3,7,8-TCDD	2.7E-14	2.2E-13	3.2E-12	8.7E-13	2.5E-11	1.7E-10	5.7E-09	2.1E-11	1.9E-09	8.7E-15	5.5E-13	7.8E-09
2,3,7,8-TCDF	8.8E-15	4.0E-14	8.0E-13	1.6E-13	6.3E-12	6.2E-11	2.6E-09	7.8E-12	8.5E-10	2.3E-18	2.0E-16	3.5E-09
OCDD	1.4E-20	5.7E-16	1.0E-14	2.2E-15	8.2E-14	1.8E-13	7.2E-12	2.3E-14	2.4E-12	3.2E-20	2.6E-18	1.0E-11
OCDF	5.0E-21	2.2E-16	3.9E-15	8.6E-16	3.1E-14	6.9E-14	2.7E-12	8.6E-15	8.9E-13	1.2E-20	9.7E-19	3.7E-12
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-549 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.0E-16	7.7E-08	6.2E-18	1.8E-07	2.9E-17	2.2E-10	7.7E-09	2.7E-11	2.6E-09	4.3E-11	1.5E-20	2.7E-07
Barium												
Beryllium						8.8E-12	3.0E-10	1.1E-12	1.0E-10	1.1E-20	8.7E-19	4.1E-10
Cadmium						1.2E-10	4.1E-09	1.5E-11	1.4E-09	6.2E-21	5.2E-19	5.6E-09
Chromium												
Cobalt						7.6E-09	1.4E-07	9.5E-10	4.6E-08	1.2E-09	4.7E-13	1.9E-07
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						7.7E-11	2.7E-09	9.7E-12	8.9E-10	6.4E-10	3.7E-19	4.3E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		5.9E-19	1.2E-17	5.4E-19	2.2E-17							3.5E-17
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	3.8E-13	5.6E-09	2.3E-12	5.1E-09	4.2E-12	2.8E-11	1.2E-09	3.5E-12	4.1E-10	1.2E-11	2.1E-14	1.2E-08
Benzo(a)pyrene	1.9E-12	5.3E-08	9.9E-12	4.8E-08	1.8E-11	1.1E-10	4.6E-09	1.4E-11	1.5E-09	3.6E-13	2.9E-16	1.1E-07
Benzo(b)fluoranthene	5.2E-14	8.2E-09	5.3E-14	7.5E-09	9.7E-14	1.2E-11	5.0E-10	1.5E-12	1.7E-10	5.5E-14	1.6E-18	1.6E-08
Benzo(e)pyrene												

Table H-549 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	3.8E-17	4.4E-10	2.6E-15	4.0E-10	4.8E-15	1.1E-13	2.0E-12	1.4E-14	6.5E-13	3.0E-14	7.7E-19	8.5E-10
Biphenyl				2.3E-18	9.6E-17							9.8E-17
Chrysene	6.6E-16	7.1E-11	2.6E-14	6.4E-11	4.8E-14	4.8E-12	2.0E-10	6.0E-13	6.6E-11	4.7E-15	7.8E-18	4.1E-10
Dibenze(a,h)anthracene	9.3E-14	1.2E-08	3.3E-12	1.1E-08	6.0E-12	1.9E-11	7.9E-10	2.4E-12	2.6E-10	9.1E-14	1.1E-16	2.5E-08
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	2.3E-14	3.5E-09	9.4E-13	3.2E-09	1.7E-12	5.8E-12	2.4E-10	7.3E-13	8.0E-11	2.4E-14	2.8E-17	7.1E-09
Napthalene						4.3E-10	1.8E-08	5.4E-11	6.0E-09			2.5E-08
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	3.6E-17	2.1E-18	4.2E-17	1.8E-18	7.1E-17	1.6E-13	6.5E-12	2.0E-14	2.2E-12	4.8E-20	4.2E-18	8.9E-12
Heptachlorobiphenyl	3.9E-17	6.9E-18	1.3E-16	5.9E-18	2.3E-16	6.2E-14	2.5E-12	7.7E-15	8.4E-13	8.5E-20	7.2E-18	3.4E-12
Hexachlorobiphenyl	1.6E-16	3.1E-17	5.6E-16	2.6E-17	9.5E-16	2.6E-13	1.0E-11	3.3E-14	3.4E-12	3.8E-19	3.0E-17	1.4E-11
Monochlorobiphenyl	2.5E-16	1.5E-17	2.9E-16	1.2E-17	5.0E-16	1.1E-12	4.6E-11	1.4E-13	1.5E-11	3.3E-19	2.9E-17	6.2E-11
Nonachlorobiphenyl	4.9E-18	1.2E-18	1.9E-17	1.0E-18	3.2E-17	8.8E-15	3.1E-13	1.1E-15	1.0E-13	1.5E-20	1.0E-18	4.2E-13
Octachlorobiphenyl	1.2E-17	2.3E-18	4.1E-17	1.9E-18	6.9E-17	1.9E-14	7.4E-13	2.4E-15	2.5E-13	2.8E-20	2.2E-18	1.0E-12
Pentachlorobiphenyl	5.3E-16	1.1E-16	1.9E-15	9.5E-17	3.3E-15	8.9E-13	3.4E-11	1.1E-13	1.1E-11	1.4E-18	1.0E-16	4.6E-11
Tetrachlorobiphenyl	1.1E-17	8.1E-19	1.4E-17	6.8E-19	2.3E-17	5.2E-14	1.9E-12	6.5E-15	6.5E-13	1.8E-20	1.4E-18	2.6E-12
Trichlorobiphenyl	1.4E-17	9.7E-19	1.7E-17	8.2E-19	2.9E-17	6.5E-14	2.5E-12	8.2E-15	8.5E-13	2.2E-20	1.7E-18	3.5E-12
Pesticides												
DDE				2.6E-09						2.4E-11		2.6E-09
Dieldrin		6.5E-10		7.6E-10						1.1E-14		1.4E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	4.3E-20					1.4E-12	6.4E-11	1.8E-13	2.1E-11			8.7E-11
1,4-Dioxane						5.5E-08						5.5E-08

Table H-549 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	5.9E-16	8.0E-15	1.4E-13	9.5E-15	3.4E-13	3.9E-11	1.5E-09	4.9E-12	5.1E-10	8.0E-20	6.3E-18	2.1E-09
Butyl benzyl phthalate	2.9E-17	5.3E-19	1.1E-17	6.3E-19	2.6E-17							6.6E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	4.5E-17					8.4E-11	1.5E-09	1.0E-11	5.0E-10			2.1E-09
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	6.0E-21					8.6E-14	2.9E-12	1.1E-14	9.7E-13			4.0E-12
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	2.8E-18											2.8E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	6.4E-20					3.6E-12	6.3E-11	4.4E-13	2.1E-11			8.9E-11
1,2-Dichloroethane	9.1E-20					6.2E-12	2.3E-10	2.2E-09	7.8E-11			2.5E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												

Table H-549 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone												
Benzene	9.3E-18					4.3E-08	2.3E-08	6.5E-09	7.6E-09			8.0E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	1.7E-21					3.0E-13	5.4E-12	3.8E-14	1.8E-12			7.5E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	8.1E-22					6.7E-08	2.0E-12	7.9E-09	6.7E-13			7.5E-08
Chlorobenzene												
Chlorodibromomethane	1.3E-19											1.3E-19
Chloroethane												
Chloroform	7.5E-21					8.6E-08	7.5E-11	4.7E-09	2.5E-11			9.0E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	1.4E-18					7.8E-09	1.6E-09	5.2E-12	5.3E-10			9.9E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	4.4E-21					1.5E-14	5.7E-13	1.9E-15	1.9E-13			7.8E-13
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	1.2E-22					2.7E-15	9.4E-14	3.4E-16	3.1E-14			1.3E-13
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	2.7E-23					3.5E-09	4.6E-14	3.2E-16	1.5E-14			3.5E-09

Table H-549 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane												
Vinyl chloride	3.0E-20					5.3E-09	4.5E-11	2.3E-13	1.5E-11			5.3E-09
Grand Total	2.7E-12	1.6E-07	1.1E-10	2.6E-07	8.0E-10	2.8E-07	3.2E-07	2.3E-08	1.1E-07	1.9E-09	1.1E-12	1.2E-06

Table H-550 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	1.5E-03	5.2E-06	5.0E-04			2.0E-03
Aldehydes												
Acetaldehyde						1.6E-04	5.8E-03	2.0E-05	1.9E-03			7.9E-03
Formaldehyde	2.3E-12					6.3E-05	2.1E-03	7.9E-06	6.9E-04			2.8E-03
Propionaldehyde						2.0E-05	7.2E-04	2.5E-06	2.4E-04	2.1E-12	1.5E-10	9.8E-04
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.5E-07	2.0E-07	5.9E-06	1.3E-06	4.3E-05	1.6E-07	1.4E-05	1.2E-10	7.8E-09	6.6E-05
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	7.7E-03	2.5E-05	2.6E-03			1.1E-02
Metals												
Aluminum				1.1E-02						1.1E-04		1.1E-02
Antimony	3.9E-14			6.4E-04								6.4E-04

Table H-550 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	2.0E-03	1.6E-13	4.7E-03	7.6E-13	4.0E-05	1.4E-03	4.9E-06	4.7E-04	7.7E-06	2.7E-15	8.6E-03
Barium	1.2E-11			1.6E-08	5.4E-07	2.5E-04	6.8E-03	3.1E-05	2.3E-03	3.1E-10	2.3E-08	9.3E-03
Beryllium	1.7E-14			5.2E-13	2.0E-11	2.1E-06	7.3E-05	2.7E-07	2.4E-05	2.6E-15	2.1E-13	9.9E-05
Cadmium	8.3E-12			8.2E-13	3.1E-11	7.6E-05	2.6E-03	9.5E-06	8.8E-04	4.0E-15	3.4E-13	3.6E-03
Chromium	1.7E-15			5.5E-11	2.2E-09							2.2E-09
Cobalt				1.0E-01	3.3E-05	1.6E-03	3.0E-02	2.0E-04	9.9E-03	2.6E-04	1.8E-07	1.5E-01
Copper				8.4E-09	3.2E-07							3.3E-07
Iron				3.6E-02								3.6E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.5E-09	7.8E-08	2.8E-06	9.8E-09	9.2E-07	5.6E-15	3.8E-13	3.8E-06
Mercury, elemental						3.3E-10	1.2E-08	4.1E-11	3.8E-09	6.3E-03		6.3E-03
Methyl Mercury	8.7E-11			2.0E-11	7.9E-10							8.9E-10
Nickel	1.7E-13			2.9E-02	7.8E-12	3.9E-05	1.3E-03	4.8E-06	4.4E-04	3.2E-04	1.9E-13	3.1E-02
Phosphorus				3.7E-10	1.4E-08							1.4E-08
Selenium	5.5E-14			8.1E-15	3.1E-13	8.7E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-20	8.4E-18	4.2E-07
Silver	4.2E-14			1.7E-10	6.2E-09							6.4E-09
Thallium (Soluble Salts)				2.7E-02								2.7E-02
Titanium												
Zinc	1.4E-11			6.1E-13	2.2E-11							3.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	6.9E-14	3.1E-15	1.3E-13							2.0E-13
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	1.2E-12	5.2E-14	2.1E-12							3.4E-12
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-550 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	2.8E-13	2.8E-04	1.2E-02	3.5E-05	3.9E-03	4.9E-12	4.5E-10	1.6E-02
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	3.4E-11	1.5E-12	6.3E-11							1.1E-10
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	2.1E-03	6.2E-06	6.9E-04			2.8E-03
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.7E-10	7.6E-12	3.1E-10							5.1E-10
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.8E-10	7.8E-12	3.1E-10							6.0E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	7.2E-11	3.2E-12	1.2E-10	9.8E-10	3.9E-08	1.2E-10	1.3E-08	2.5E-15	2.1E-13	5.4E-08
Hexachlorobiphenyl	4.6E-11	1.7E-11	3.0E-10	1.4E-11	5.1E-10	4.1E-06	1.6E-04	5.1E-07	5.3E-05	1.1E-11	8.8E-10	2.2E-04
Monochlorobiphenyl	6.1E-10	6.4E-11	1.3E-09	5.4E-11	2.2E-09							4.2E-09
Nonachlorobiphenyl	1.4E-12	6.6E-13	1.0E-11	5.6E-13	1.7E-11							3.0E-11
Octachlorobiphenyl	3.4E-12	1.2E-12	2.2E-11	1.0E-12	3.7E-11							6.5E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	1.0E-09	5.1E-11	1.8E-09	4.6E-05	1.7E-03	5.7E-06	5.7E-04	1.3E-10	9.9E-09	2.3E-03
Tetrachlorobiphenyl	2.6E-11	3.5E-12	6.0E-11	3.0E-12	1.0E-10	2.3E-07	8.7E-06	2.9E-08	2.9E-06	1.5E-13	1.1E-11	1.2E-05
Trichlorobiphenyl	3.4E-11	4.3E-12	7.6E-11	3.6E-12	1.3E-10							2.5E-10
Pesticides												
DDE												
Dieldrin		9.4E-06		1.1E-05								2.1E-05
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	4.3E-06	1.7E-08	1.4E-06			5.9E-06
1,2-dichlorobenzene	3.1E-17					5.4E-10	9.7E-09	6.8E-11	3.2E-09			1.4E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	8.5E-08	2.4E-10	2.8E-08			1.2E-07
1,4-Dioxane						4.3E-03						4.3E-03

Table H-550 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	3.9E-06	1.2E-08	1.3E-06			5.3E-06
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	6.0E-09	4.0E-10	1.4E-08							2.1E-08
Butyl benzyl phthalate	8.8E-13	1.6E-14	3.3E-13	1.9E-14	7.9E-13							2.0E-12
Carbazole												
Dibenzofuran		1.4E-13	2.9E-12	5.7E-13	2.3E-11							2.6E-11
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	6.7E-13	3.9E-14	1.6E-12							1.9E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	8.7E-12	1.1E-12	2.1E-11							3.1E-11
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.0E-02						1.0E-02
Phenol	4.9E-13					1.5E-06	6.2E-05	1.9E-07	2.1E-05			8.5E-05
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	1.0E-09	3.3E-12	3.3E-10			1.4E-09
1,1-Dichloroethene	1.2E-19					1.3E-10	2.3E-09	1.6E-11	7.7E-10			3.2E-09
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	6.4E-06	4.5E-08	2.1E-06			9.0E-06
1,2,4-Trimethylbenzene						8.9E-07	2.8E-05	1.1E-07	9.4E-06			3.9E-05
1,2-Dibromoethane	4.1E-17					7.7E-09	1.4E-07	9.6E-10	4.6E-08			1.9E-07
1,2-Dichloroethane	1.9E-15					4.0E-07	1.5E-05	1.4E-04	5.0E-06			1.6E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	2.6E-07	8.3E-10	8.7E-08			3.6E-07
2-Chlorotoluene												

Table H-550 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Hexanone						2.3E-07	8.2E-06	2.8E-08	2.7E-06			1.1E-05
Benzene	4.9E-13					2.1E-03	1.1E-03	3.2E-04	3.8E-04			4.0E-03
Bromobenzene						6.2E-07	1.1E-05	7.8E-08	3.7E-06			1.5E-05
Bromochloromethane						2.2E-09	3.9E-08	2.8E-10	1.3E-08			5.5E-08
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	2.3E-05	9.5E-08	7.6E-06			3.1E-05
Carbon disulfide	1.3E-17					4.8E-09	1.4E-07	6.0E-10	4.7E-08			1.9E-07
Carbon tetrachloride	3.4E-17					1.3E-03	3.9E-08	1.5E-04	1.3E-08			1.5E-03
Chlorobenzene	2.3E-15					9.6E-08	3.4E-06	1.2E-08	1.1E-06			4.7E-06
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	3.2E-08	1.1E-10	1.1E-08			4.3E-08
Chloroform	2.8E-16					4.4E-04	3.9E-07	2.4E-05	1.3E-07			4.7E-04
Chloromethane						3.4E-07	1.0E-05	4.3E-08	3.5E-06			1.4E-05
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	9.1E-07	6.4E-09	3.0E-07			1.3E-06
Dichlorodifluoromethane	2.4E-20					2.5E-09	4.4E-08	3.1E-10	1.5E-08			6.2E-08
Ethylbenzene	1.5E-14					3.7E-05	7.4E-06	2.4E-08	2.5E-06			4.6E-05
Isopropylbenzene	2.0E-17					3.9E-08	1.3E-06	4.9E-09	4.5E-07			1.8E-06
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.1E-09	1.5E-11	7.1E-10			3.0E-09
Methylene chloride	4.3E-15					3.0E-08	1.1E-06	3.8E-09	3.7E-07			1.5E-06
n-Butylbenzene												
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07			4.2E-07
o-Xylene	1.4E-15					2.3E-07	7.6E-06	2.9E-08	2.5E-06			1.0E-05
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.9E-05	6.4E-08	6.2E-06			2.5E-05
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	1.1E-07	3.8E-10	3.5E-08			1.4E-07
Toluene	2.0E-14					6.3E-08	2.5E-06	7.9E-09	8.3E-07			3.4E-06
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					5.0E-03	6.5E-08	4.5E-10	2.2E-08			5.0E-03

Table H-550 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					1.4E-04	1.2E-06	6.2E-09	4.0E-07			1.4E-04
Grand Total	4.8E-09	2.0E-03	7.6E-07	2.1E-01	4.0E-05	2.6E-02	7.7E-02	1.0E-03	2.6E-02	7.0E-03	2.2E-07	3.5E-01

Table H-551 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			2.7E-10	3.4E-11		3.1E-10
Formaldehyde			5.3E-06	8.6E-11		5.3E-06
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	8.4E-14	3.3E-13	2.8E-11	3.5E-12	4.7E-18	3.1E-11
1,2,3,4,6,7,8-HpCDF	8.5E-14	3.3E-13	2.8E-11	3.5E-12	4.8E-18	3.2E-11
1,2,3,4,7,8,9-HpCDF	9.7E-15	3.8E-14	3.5E-12	4.4E-13	5.5E-19	4.0E-12
1,2,3,4,7,8-HxCDD	9.5E-14	3.7E-13	3.3E-11	4.1E-12	5.4E-18	3.8E-11
1,2,3,4,7,8-HxCDF	7.6E-13	3.0E-12	2.7E-10	3.4E-11	4.3E-17	3.1E-10
1,2,3,6,7,8-HxCDD	1.9E-13	7.6E-13	7.0E-11	8.7E-12	1.1E-17	7.9E-11
1,2,3,6,7,8-HxCDF	2.5E-13	9.7E-13	8.7E-11	1.1E-11	1.4E-17	9.9E-11
1,2,3,7,8,9-HxCDD	3.1E-13	1.2E-12	1.1E-10	1.3E-11	1.7E-17	1.2E-10
1,2,3,7,8,9-HxCDF	1.8E-14	7.0E-14	6.7E-12	8.4E-13	1.0E-18	7.6E-12
1,2,3,7,8-PeCDD	1.1E-12	4.2E-12	4.2E-10	5.3E-11	6.1E-17	4.8E-10

Table H-551 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	6.3E-14	2.5E-13	3.0E-11	3.7E-12	3.6E-18	3.4E-11
2,3,4,6,7,8-HxCDF	3.9E-13	1.5E-12	1.4E-10	1.7E-11	2.2E-17	1.5E-10
2,3,4,7,8-PeCDF	1.5E-12	6.0E-12	6.7E-10	8.4E-11	8.5E-17	7.6E-10
2,3,7,8-TCDD	2.2E-13	8.7E-13	1.7E-10	2.1E-11	8.7E-15	1.9E-10
2,3,7,8-TCDF	4.0E-14	1.6E-13	6.2E-11	7.8E-12	2.3E-18	7.0E-11
OCDD	5.7E-16	2.2E-15	1.8E-13	2.3E-14	3.2E-20	2.1E-13
OCDF	2.2E-16	8.6E-16	6.9E-14	8.6E-15	1.2E-20	7.9E-14
HCN						
Hydrogen cyanide						
Metals						
Aluminum						
Antimony						
Arsenic	3.5E-07	8.3E-07	2.2E-10	2.7E-11	1.9E-10	1.2E-06
Barium						
Beryllium			8.8E-12	1.1E-12	1.1E-20	9.9E-12
Cadmium			1.2E-10	1.5E-11	6.2E-21	1.3E-10
Chromium						
Cobalt			7.6E-09	9.5E-10	1.2E-09	9.8E-09
Copper						
Iron						
Lead						
Manganese						
Mercury (+2)						

Table H-551 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental						
Methyl Mercury						
Nickel			7.7E-11	9.7E-12	6.1E-10	6.9E-10
Phosphorus						
Selenium						
Silver						
Thallium (Soluble Salts)						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	5.9E-19	5.4E-19				1.1E-18
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	1.0E-08	9.4E-09	2.8E-11	3.5E-12	2.1E-11	2.0E-08
Benzo(a)pyrene	1.1E-07	9.6E-08	1.1E-10	1.4E-11	7.1E-13	2.0E-07
Benzo(b)fluoranthene	1.9E-08	1.7E-08	1.2E-11	1.5E-12	1.3E-13	3.6E-08

Table H-551 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	7.7E-10	7.0E-10	1.1E-13	1.4E-14	5.1E-14	1.5E-09
Biphenyl		2.3E-18				2.3E-18
Chrysene	1.5E-10	1.3E-10	4.8E-12	6.0E-13	9.9E-15	2.9E-10
Dibenze(a,h)anthracene	1.7E-13	1.5E-13	1.9E-11	2.4E-12	1.2E-18	2.2E-11
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	5.9E-09	5.4E-09	5.8E-12	7.3E-13	4.0E-14	1.1E-08
Napthalene			4.3E-10	5.4E-11		4.9E-10
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	2.1E-18	1.8E-18	1.6E-13	2.0E-14	4.8E-20	1.8E-13
Heptachlorobiphenyl	6.9E-18	5.9E-18	6.2E-14	7.7E-15	8.5E-20	7.0E-14
Hexachlorobiphenyl	3.1E-17	2.6E-17	2.6E-13	3.3E-14	3.8E-19	2.9E-13
Monochlorobiphenyl	1.5E-17	1.2E-17	1.1E-12	1.4E-13	3.3E-19	1.2E-12
Nonachlorobiphenyl	1.2E-18	1.0E-18	8.8E-15	1.1E-15	1.5E-20	9.9E-15

Table H-551 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Octachlorobiphenyl	2.3E-18	1.9E-18	1.9E-14	2.4E-15	2.8E-20	2.1E-14
Pentachlorobiphenyl	1.1E-16	9.5E-17	8.9E-13	1.1E-13	1.4E-18	1.0E-12
Tetrachlorobiphenyl	8.1E-19	6.8E-19	5.2E-14	6.5E-15	1.8E-20	5.8E-14
Trichlorobiphenyl	9.7E-19	8.2E-19	6.5E-14	8.2E-15	2.2E-20	7.4E-14
Pesticides						
DDE		2.0E-07			1.8E-09	2.0E-07
Dieldrin	3.7E-08	4.3E-08			6.1E-13	8.0E-08
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.4E-12	1.8E-13		1.6E-12
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	8.0E-15	9.5E-15	3.9E-11	4.9E-12	8.0E-20	4.4E-11
Butyl benzyl phthalate	5.3E-19	6.3E-19				1.2E-18

Table H-551 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			8.4E-11	1.0E-11		9.4E-11
Isopropanol						
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			8.6E-14	1.1E-14		9.6E-14
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			3.6E-12	4.4E-13		4.0E-12
1,2-Dichloroethane			5.1E-08	2.2E-09		5.3E-08
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						

Table H-551 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
2-Chlorotoluene						
2-Hexanone						
Benzene			5.5E-07	6.5E-09		5.6E-07
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			3.0E-13	3.8E-14		3.4E-13
Bromomethane						
Carbon disulfide						
Carbon tetrachloride			8.0E-08	7.9E-09		8.8E-08
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			7.2E-08	4.7E-09		7.7E-08
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			4.6E-08	5.2E-12		4.6E-08
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			1.5E-14	1.9E-15		1.7E-14

Table H-551 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethene			2.7E-15	3.4E-16		3.0E-15
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			1.8E-09	3.2E-16		1.8E-09
Trichlorofluoromethane						
Vinyl chloride			1.9E-12	2.3E-13		2.1E-12
Grand Total	5.3E-07	1.2E-06	6.2E-06	2.3E-08	3.9E-09	7.9E-06

Table H-552 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			4.2E-05	5.2E-06		4.7E-05
Aldehydes						
Acetaldehyde			1.6E-04	2.0E-05		1.8E-04
Formaldehyde			4.9E-01	7.9E-06		4.9E-01
Propionaldehyde			2.0E-05	2.5E-06	2.1E-12	2.2E-05
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-552 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	5.2E-08	2.0E-07	1.3E-06	1.6E-07	1.2E-10	1.7E-06
2,3,7,8-TCDF						
OCDD						
OCDF						
HCN						
Hydrogen cyanide			2.0E-04	2.5E-05		2.2E-04
Metals						
Aluminum		1.2E-02			1.1E-04	1.2E-02
Antimony		1.9E-03				1.9E-03
Arsenic	9.1E-03	2.1E-02	4.0E-05	4.9E-06	3.5E-05	3.1E-02
Barium		1.6E-08	2.5E-04	3.1E-05	3.1E-10	2.8E-04
Beryllium		5.2E-13	2.1E-06	2.7E-07	2.6E-15	2.4E-06
Cadmium		8.2E-13	7.6E-05	9.5E-06	4.0E-15	8.5E-05
Chromium		5.5E-11				5.5E-11
Cobalt		1.1E-01	1.6E-03	2.0E-04	2.7E-04	1.1E-01
Copper		8.4E-09				8.4E-09
Iron		3.9E-02				3.9E-02
Lead						
Manganese						
Mercury (+2)		1.1E-10	7.8E-08	9.8E-09	5.6E-15	8.8E-08

Table H-552 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental			3.3E-10	4.1E-11	1.7E-04	1.7E-04
Methyl Mercury		2.0E-11				2.0E-11
Nickel		2.8E-02	3.9E-05	4.8E-06	3.0E-04	2.8E-02
Phosphorus		3.7E-10				3.7E-10
Selenium		8.1E-15	8.7E-09	1.1E-09	9.9E-20	9.8E-09
Silver		1.7E-10				1.7E-10
Thallium (Soluble Salts)		8.1E-03				8.1E-03
Titanium						
Zinc		6.1E-13				6.1E-13
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.4E-15	3.1E-15				6.5E-15
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	5.8E-14	5.2E-14				1.1E-13
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						

Table H-552 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						
Biphenyl		6.7E-15	2.8E-04	3.5E-05	4.9E-12	3.1E-04
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	1.7E-12	1.5E-12				3.2E-12
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene			5.0E-05	6.2E-06		5.6E-05
Perylene						
Phenanthrene						
Pyrene	8.3E-12	7.6E-12				1.6E-11
Particulate						
Particulate Total Suspended Partic						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	9.3E-12	7.8E-12				1.7E-11
Heptachlorobiphenyl	3.7E-12	3.2E-12	9.8E-10	1.2E-10	2.5E-15	1.1E-09
Hexachlorobiphenyl	1.7E-11	1.4E-11	4.1E-06	5.1E-07	1.1E-11	4.6E-06
Monochlorobiphenyl	6.4E-11	5.4E-11				1.2E-10
Nonachlorobiphenyl	6.6E-13	5.6E-13				1.2E-12

Table H-552 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Octachlorobiphenyl	1.2E-12	1.0E-12				2.2E-12
Pentachlorobiphenyl	6.1E-11	5.1E-11	4.6E-05	5.7E-06	1.3E-10	5.1E-05
Tetrachlorobiphenyl	3.5E-12	3.0E-12	2.3E-07	2.9E-08	1.5E-13	2.6E-07
Trichlorobiphenyl	4.3E-12	3.6E-12				7.8E-12
Pesticides						
DDE						
Dieldrin	5.4E-04	6.3E-04				1.2E-03
SVOCs						
1,2,4-trichlorobenzene			1.3E-07	1.7E-08		1.5E-07
1,2-dichlorobenzene			5.4E-10	6.8E-11		6.1E-10
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.9E-09	2.4E-10		2.1E-09
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			9.3E-08	1.2E-08		1.0E-07
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-10	4.0E-10				7.4E-10
Butyl benzyl phthalate	1.6E-14	1.9E-14				3.6E-14

Table H-552 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbazole						
Dibenzofuran	1.4E-13	5.7E-13				7.1E-13
Dimethyl phthalate						
Di-n-butyl phthalate	3.3E-14	3.9E-14				7.1E-14
Di-n-octyl phthalate	9.4E-13	1.1E-12				2.1E-12
Hexachlorobutadiene						
Isopropanol			3.0E-02			3.0E-02
Phenol			1.5E-06	1.9E-07		1.7E-06
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			2.7E-11	3.3E-12		3.0E-11
1,1-Dichloroethene			1.3E-10	1.6E-11		1.5E-10
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.6E-07	4.5E-08		4.1E-07
1,2,4-Trimethylbenzene			8.9E-07	1.1E-07		1.0E-06
1,2-Dibromoethane			7.7E-09	9.6E-10		8.6E-09
1,2-Dichloroethane			3.3E-03	1.4E-04		3.4E-03
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone			6.6E-09	8.3E-10		7.4E-09

Table H-552 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
2-Chlorotoluene						
2-Hexanone			2.3E-07	2.8E-08		2.5E-07
Benzene			2.7E-02	3.2E-04		2.8E-02
Bromobenzene			6.2E-07	7.8E-08		7.0E-07
Bromochloromethane			2.2E-09	2.8E-10		2.5E-09
Bromodichloromethane						
Bromomethane			7.6E-07	9.5E-08		8.6E-07
Carbon disulfide			4.8E-09	6.0E-10		5.4E-09
Carbon tetrachloride			1.6E-03	1.5E-04		1.7E-03
Chlorobenzene			9.6E-08	1.2E-08		1.1E-07
Chlorodibromomethane						
Chloroethane			9.1E-10	1.1E-10		1.0E-09
Chloroform			3.7E-04	2.4E-05		4.0E-04
Chloromethane			3.4E-07	4.3E-08		3.9E-07
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			5.1E-08	6.4E-09		5.7E-08
Dichlorodifluoromethane			2.5E-09	3.1E-10		2.8E-09
Ethylbenzene			2.1E-04	2.4E-08		2.1E-04
Isopropylbenzene			3.9E-08	4.9E-09		4.4E-08
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.2E-10	1.5E-11		1.3E-10
Methylene chloride			3.0E-08	3.8E-09		3.4E-08

Table H-552 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene			9.4E-09	1.2E-09		1.1E-08
o-Xylene			2.3E-07	2.9E-08		2.6E-07
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			5.1E-07	6.4E-08		5.7E-07
tert-Butylbenzene						
Tetrachloroethene			3.0E-09	3.8E-10		3.4E-09
Toluene			6.3E-08	7.9E-09		7.1E-08
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			2.5E-03	4.5E-10		2.5E-03
Trichlorofluoromethane						
Vinyl chloride			5.0E-08	6.2E-09		5.6E-08
Grand Total	9.6E-03	2.2E-01	5.6E-01	1.0E-03	8.9E-04	7.9E-01

Table H-553 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						2.7E-10	6.3E-10	3.4E-11	3.4E-11			9.7E-10
Formaldehyde						5.3E-06	1.6E-09	8.6E-11	8.6E-11			5.3E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.0E-16	8.4E-14	1.2E-13	3.3E-13	9.2E-13	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.7E-18	2.9E-17	1.0E-10
1,2,3,4,6,7,8-HpCDF	9.9E-17	8.5E-14	1.2E-13	3.3E-13	9.3E-13	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.8E-18	2.9E-17	1.0E-10
1,2,3,4,7,8,9-HpCDF	1.6E-17	9.7E-15	1.4E-14	3.8E-14	1.1E-13	3.5E-12	8.2E-12	4.4E-13	4.4E-13	5.5E-19	3.4E-18	1.3E-11
1,2,3,4,7,8-HxCDD	1.2E-15	9.5E-14	1.3E-13	3.7E-13	1.0E-12	3.3E-11	7.6E-11	4.1E-12	4.1E-12	5.4E-18	3.3E-17	1.2E-10
1,2,3,4,7,8-HxCDF	8.4E-15	7.6E-13	1.1E-12	3.0E-12	8.3E-12	2.7E-10	6.2E-10	3.4E-11	3.4E-11	4.3E-17	2.6E-16	9.7E-10
1,2,3,6,7,8-HxCDD	2.4E-15	1.9E-13	2.7E-13	7.6E-13	2.1E-12	7.0E-11	1.6E-10	8.7E-12	8.7E-12	1.1E-17	6.7E-17	2.5E-10
1,2,3,6,7,8-HxCDF	3.1E-15	2.5E-13	3.5E-13	9.7E-13	2.7E-12	8.7E-11	2.0E-10	1.1E-11	1.1E-11	1.4E-17	8.6E-17	3.2E-10
1,2,3,7,8,9-HxCDD	3.3E-15	3.1E-13	4.3E-13	1.2E-12	3.4E-12	1.1E-10	2.4E-10	1.3E-11	1.3E-11	1.7E-17	1.1E-16	3.8E-10
1,2,3,7,8,9-HxCDF	2.7E-16	1.8E-14	2.5E-14	7.0E-14	1.9E-13	6.7E-12	1.5E-11	8.4E-13	8.4E-13	1.0E-18	6.1E-18	2.4E-11
1,2,3,7,8-PeCDD	7.7E-14	1.1E-12	1.5E-12	4.2E-12	1.2E-11	4.2E-10	9.7E-10	5.3E-11	5.3E-11	6.1E-17	3.7E-16	1.5E-09
1,2,3,7,8-PeCDF	5.4E-15	6.3E-14	8.8E-14	2.5E-13	7.0E-13	3.0E-11	6.9E-11	3.7E-12	3.7E-12	3.6E-18	2.2E-17	1.1E-10
2,3,4,6,7,8-HxCDF	4.5E-15	3.9E-13	5.4E-13	1.5E-12	4.3E-12	1.4E-10	3.1E-10	1.7E-11	1.7E-11	2.2E-17	1.3E-16	4.9E-10
2,3,4,7,8-PeCDF	8.3E-14	1.5E-12	2.1E-12	6.0E-12	1.7E-11	6.7E-10	1.6E-09	8.4E-11	8.4E-11	8.5E-17	5.3E-16	2.4E-09
2,3,7,8-TCDD	2.7E-14	2.2E-13	3.1E-13	8.7E-13	2.4E-12	1.7E-10	3.9E-10	2.1E-11	2.1E-11	8.7E-15	5.3E-14	6.0E-10
2,3,7,8-TCDF	8.8E-15	4.0E-14	5.6E-14	1.6E-13	4.4E-13	6.2E-11	1.4E-10	7.8E-12	7.8E-12	2.3E-18	1.4E-17	2.2E-10
OCDD	1.4E-20	5.7E-16	7.9E-16	2.2E-15	6.2E-15	1.8E-13	4.2E-13	2.3E-14	2.3E-14	3.2E-20	2.0E-19	6.6E-13
OCDF	5.0E-21	2.2E-16	3.1E-16	8.6E-16	2.4E-15	6.9E-14	1.6E-13	8.6E-15	8.6E-15	1.2E-20	7.6E-20	2.5E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-553 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.0E-16	3.5E-07	3.0E-08	8.3E-07	1.4E-07	2.2E-10	5.1E-10	2.7E-11	2.7E-11	1.9E-10	7.2E-11	1.3E-06
Barium												
Beryllium						8.8E-12	2.0E-11	1.1E-12	1.1E-12	1.1E-20	6.5E-20	3.1E-11
Cadmium						1.2E-10	2.7E-10	1.5E-11	1.5E-11	6.2E-21	3.8E-20	4.2E-10
Chromium												
Cobalt						7.6E-09	1.8E-08	9.5E-10	9.5E-10	1.2E-09	3.1E-09	3.1E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						7.7E-11	1.8E-10	9.7E-12	9.7E-12	6.1E-10	1.7E-09	2.6E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		5.9E-19	8.3E-19	5.4E-19	1.5E-18							3.5E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	3.8E-13	1.0E-08	3.2E-08	9.4E-09	5.8E-08	2.8E-11	6.5E-11	3.5E-12	3.5E-12	2.1E-11	1.3E-10	1.1E-07
Benzo(a)pyrene	1.9E-12	1.1E-07	3.5E-07	9.6E-08	6.4E-07	1.1E-10	2.6E-10	1.4E-11	1.4E-11	7.1E-13	1.0E-11	1.2E-06
Benzo(b)fluoranthene	5.2E-14	1.9E-08	4.9E-08	1.7E-08	9.0E-08	1.2E-11	2.9E-11	1.5E-12	1.5E-12	1.3E-13	1.5E-12	1.8E-07
Benzo(e)pyrene												

Table H-553 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	3.8E-17	7.7E-10	2.5E-09	7.0E-10	4.5E-09	1.1E-13	2.5E-13	1.4E-14	1.4E-14	5.1E-14	7.4E-13	8.5E-09
Biphenyl				2.3E-18	6.4E-18							8.7E-18
Chrysene	6.6E-16	1.5E-10	3.6E-10	1.3E-10	6.5E-10	4.8E-12	1.1E-11	6.0E-13	6.0E-13	9.9E-15	1.1E-13	1.3E-09
Dibenze(a,h)anthracene	9.3E-14	1.7E-13	8.7E-08	1.5E-13	1.6E-07	1.9E-11	4.4E-11	2.4E-12	2.4E-12	1.2E-18	2.8E-12	2.5E-07
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	2.3E-14	5.9E-09	2.3E-08	5.4E-09	4.1E-08	5.8E-12	1.3E-11	7.3E-13	7.3E-13	4.0E-14	6.7E-13	7.5E-08
Napthalene						4.3E-10	1.0E-09	5.4E-11	5.4E-11			1.5E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	3.6E-17	2.1E-18	3.0E-18	1.8E-18	5.0E-18	1.6E-13	3.7E-13	2.0E-14	2.0E-14	4.8E-20	2.9E-19	5.7E-13
Heptachlorobiphenyl	3.9E-17	6.9E-18	9.7E-18	5.9E-18	1.6E-17	6.2E-14	1.4E-13	7.7E-15	7.7E-15	8.5E-20	5.2E-19	2.2E-13
Hexachlorobiphenyl	1.6E-16	3.1E-17	4.4E-17	2.6E-17	7.4E-17	2.6E-13	6.0E-13	3.3E-14	3.3E-14	3.8E-19	2.4E-18	9.3E-13
Monochlorobiphenyl	2.5E-16	1.5E-17	2.1E-17	1.2E-17	3.5E-17	1.1E-12	2.6E-12	1.4E-13	1.4E-13	3.3E-19	2.0E-18	4.0E-12
Nonachlorobiphenyl	4.9E-18	1.2E-18	1.7E-18	1.0E-18	2.9E-18	8.8E-15	2.0E-14	1.1E-15	1.1E-15	1.5E-20	9.2E-20	3.1E-14
Octachlorobiphenyl	1.2E-17	2.3E-18	3.1E-18	1.9E-18	5.3E-18	1.9E-14	4.4E-14	2.4E-15	2.4E-15	2.8E-20	1.7E-19	6.8E-14
Pentachlorobiphenyl	5.3E-16	1.1E-16	1.6E-16	9.5E-17	2.7E-16	8.9E-13	2.1E-12	1.1E-13	1.1E-13	1.4E-18	8.5E-18	3.2E-12
Tetrachlorobiphenyl	1.1E-17	8.1E-19	1.1E-18	6.8E-19	1.9E-18	5.2E-14	1.2E-13	6.5E-15	6.5E-15	1.8E-20	1.1E-19	1.8E-13
Trichlorobiphenyl	1.4E-17	9.7E-19	1.4E-18	8.2E-19	2.3E-18	6.5E-14	1.5E-13	8.2E-15	8.2E-15	2.2E-20	1.4E-19	2.3E-13
Pesticides												
DDE				2.0E-07	6.4E-09					1.8E-09	1.1E-08	2.2E-07
Dieldrin		3.7E-08	1.4E-08	4.3E-08	3.2E-08					6.1E-13	1.0E-12	1.3E-07
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	4.3E-20					1.4E-12	3.3E-12	1.8E-13	1.8E-13			5.1E-12
2,4-Dimethylphenol												

Table H-553 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	5.9E-16	8.0E-15	1.1E-14	9.5E-15	2.7E-14	3.9E-11	9.0E-11	4.9E-12	4.9E-12	8.0E-20	4.9E-19	1.4E-10
Butyl benzyl phthalate	2.9E-17	5.3E-19	7.4E-19	6.3E-19	1.8E-18							3.2E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	4.5E-17					8.4E-11	1.9E-10	1.0E-11	1.0E-11			3.0E-10
Isopropanol												
p-Chloroaniline			5.6E-09		1.3E-08							1.9E-08
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	6.0E-21					8.6E-14	2.0E-13	1.1E-14	1.1E-14			3.0E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	2.8E-18											2.8E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	6.4E-20					3.6E-12	8.2E-12	4.4E-13	4.4E-13			1.3E-11
1,2-Dichloroethane	9.1E-20					5.1E-08	9.8E-08	2.2E-09	2.2E-09			1.5E-07
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												

Table H-553 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone												
Benzene	9.3E-18					5.5E-07	1.8E-07	6.5E-09	6.5E-09			7.4E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	1.7E-21					3.0E-13	1.1E-06	3.8E-14	3.8E-14			1.1E-06
Bromoform							1.4E-07					1.4E-07
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	8.1E-22					8.0E-08	2.0E-07	7.9E-09	7.9E-09			3.0E-07
Chlorobenzene												
Chlorodibromomethane	1.3E-19											1.3E-19
Chloroethane												
Chloroform	7.5E-21					7.2E-08	1.6E-06	4.7E-09	4.7E-09			1.6E-06
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	1.4E-18					4.6E-08	4.7E-08	5.2E-12	5.2E-12			9.3E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	4.4E-21					1.5E-14	3.6E-14	1.9E-15	1.9E-15			5.5E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	1.2E-22					2.7E-15	6.2E-15	3.4E-16	3.4E-16			9.6E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												

Table H-553 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Trichloroethene	2.7E-23					1.8E-09	1.6E-07	3.2E-16	3.2E-16			1.6E-07
Trichlorofluoromethane												
Vinyl chloride	3.0E-20					1.9E-12	4.3E-12	2.3E-13	2.3E-13			6.6E-12
Grand Total	2.7E-12	5.3E-07	5.9E-07	1.2E-06	1.2E-06	6.2E-06	3.5E-06	2.3E-08	2.3E-08	3.9E-09	1.6E-08	1.3E-05

Table H-554 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					4.9E-01	1.5E-04	7.9E-06	7.9E-06			4.9E-01
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.2E-02	2.0E-02					1.1E-04	4.2E-04	3.2E-02
Antimony	3.9E-14			1.9E-03	3.6E-03							5.5E-03

Table H-554 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	9.1E-03	7.7E-04	2.1E-02	3.6E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	3.5E-05	1.3E-05	3.5E-02
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt	1.1E-01			1.1E-01	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.7E-04	6.6E-04	2.4E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				3.9E-02	5.4E-02							9.3E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.7E-04	1.1E-03	1.2E-03
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.8E-02	3.5E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.0E-04	8.5E-04	6.5E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Thallium (Soluble Salts)				8.1E-03	1.7E-02							2.5E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-554 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
DDE												
Dieldrin		5.4E-04	2.0E-04	6.3E-04	4.7E-04							1.8E-03
SVOCs												
1,2,4-trichlorobenzene								1.3E-07	3.1E-07	1.7E-08	1.7E-08	4.8E-07
1,2-dichlorobenzene	3.1E-17							5.4E-10	1.3E-09	6.8E-11	6.8E-11	1.9E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15							1.9E-09	4.4E-09	2.4E-10	2.4E-10	6.8E-09
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-554 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						3.0E-02	1.1E-02					4.1E-02
p-Chloroaniline			8.2E-05		1.9E-04							2.8E-04
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					3.3E-03	6.3E-03	1.4E-04	1.4E-04			9.8E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												

Table H-554 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.7E-02	9.0E-03	3.2E-04	3.2E-04			3.7E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromoform												
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.6E-03	3.9E-03	1.5E-04	1.5E-04			5.8E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					3.7E-04	8.1E-03	2.4E-05	2.4E-05			8.5E-03
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					2.1E-04	2.2E-04	2.4E-08	2.4E-08			4.4E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
n-Propylbenzene						2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
o-Xylene	1.4E-15											
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												

Table H-554 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichloroethene	1.4E-17					2.5E-03	2.2E-01	4.5E-10	4.5E-10			2.3E-01
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	4.8E-09	9.6E-03	1.0E-03	2.2E-01	2.6E-01	5.6E-01	2.7E-01	1.0E-03	1.0E-03	8.9E-04	3.0E-03	1.3E+00

Table H-555 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						2.7E-10	6.3E-10	3.4E-11	3.4E-11			9.7E-10
Formaldehyde						5.3E-06	4.4E-05	8.6E-11	8.6E-11			4.9E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.0E-16	8.4E-14	1.2E-13	3.3E-13	9.2E-13	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.7E-18	2.9E-17	1.0E-10
1,2,3,4,6,7,8-HpCDF	9.9E-17	8.5E-14	1.2E-13	3.3E-13	9.3E-13	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.8E-18	2.9E-17	1.0E-10
1,2,3,4,7,8,9-HpCDF	1.6E-17	9.7E-15	1.4E-14	3.8E-14	1.1E-13	3.5E-12	8.2E-12	4.4E-13	4.4E-13	5.5E-19	3.4E-18	1.3E-11
1,2,3,4,7,8-HxCDD	1.2E-15	9.5E-14	1.3E-13	3.7E-13	1.0E-12	3.3E-11	7.6E-11	4.1E-12	4.1E-12	5.4E-18	3.3E-17	1.2E-10
1,2,3,4,7,8-HxCDF	8.4E-15	7.6E-13	1.1E-12	3.0E-12	8.3E-12	2.7E-10	6.2E-10	3.4E-11	3.4E-11	4.3E-17	2.6E-16	9.7E-10
1,2,3,6,7,8-HxCDD	2.4E-15	1.9E-13	2.7E-13	7.6E-13	2.1E-12	7.0E-11	1.6E-10	8.7E-12	8.7E-12	1.1E-17	6.7E-17	2.5E-10
1,2,3,6,7,8-HxCDF	3.1E-15	2.5E-13	3.5E-13	9.7E-13	2.7E-12	8.7E-11	2.0E-10	1.1E-11	1.1E-11	1.4E-17	8.6E-17	3.2E-10
1,2,3,7,8,9-HxCDD	3.3E-15	3.1E-13	4.3E-13	1.2E-12	3.4E-12	1.1E-10	2.4E-10	1.3E-11	1.3E-11	1.7E-17	1.1E-16	3.8E-10
1,2,3,7,8,9-HxCDF	2.7E-16	1.8E-14	2.5E-14	7.0E-14	1.9E-13	6.7E-12	1.5E-11	8.4E-13	8.4E-13	1.0E-18	6.1E-18	2.4E-11
1,2,3,7,8-PeCDD	7.7E-14	1.1E-12	1.5E-12	4.2E-12	1.2E-11	4.2E-10	9.7E-10	5.3E-11	5.3E-11	6.1E-17	3.7E-16	1.5E-09
1,2,3,7,8-PeCDF	5.4E-15	6.3E-14	8.8E-14	2.5E-13	7.0E-13	3.0E-11	6.9E-11	3.7E-12	3.7E-12	3.6E-18	2.2E-17	1.1E-10
2,3,4,6,7,8-HxCDF	4.5E-15	3.9E-13	5.4E-13	1.5E-12	4.3E-12	1.4E-10	3.1E-10	1.7E-11	1.7E-11	2.2E-17	1.3E-16	4.9E-10
2,3,4,7,8-PeCDF	8.3E-14	1.5E-12	2.1E-12	6.0E-12	1.7E-11	6.7E-10	1.6E-09	8.4E-11	8.4E-11	8.5E-17	5.3E-16	2.4E-09
2,3,7,8-TCDD	2.7E-14	2.2E-13	3.1E-13	8.7E-13	2.4E-12	1.7E-10	3.9E-10	2.1E-11	2.1E-11	8.7E-15	5.3E-14	6.0E-10
2,3,7,8-TCDF	8.8E-15	4.0E-14	5.6E-14	1.6E-13	4.4E-13	6.2E-11	1.4E-10	7.8E-12	7.8E-12	2.3E-18	1.4E-17	2.2E-10
OCDD	1.4E-20	5.7E-16	7.9E-16	2.2E-15	6.2E-15	1.8E-13	4.2E-13	2.3E-14	2.3E-14	3.2E-20	2.0E-19	6.6E-13
OCDF	5.0E-21	2.2E-16	3.1E-16	8.6E-16	2.4E-15	6.9E-14	1.6E-13	8.6E-15	8.6E-15	1.2E-20	7.6E-20	2.5E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-555 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.0E-16	3.5E-07	5.9E-08	8.3E-07	2.8E-07	2.2E-10	5.1E-10	2.7E-11	2.7E-11	1.9E-10	1.4E-10	1.5E-06
Barium												
Beryllium						8.8E-12	2.0E-11	1.1E-12	1.1E-12	1.1E-20	6.5E-20	3.1E-11
Cadmium						1.2E-10	2.7E-10	1.5E-11	1.5E-11	6.2E-21	3.8E-20	4.2E-10
Chromium												
Cobalt						7.6E-09	1.8E-08	9.5E-10	9.5E-10	1.2E-09	3.1E-09	3.1E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						7.7E-11	1.8E-10	9.7E-12	9.7E-12	6.1E-10	1.9E-09	2.8E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		5.9E-19	8.3E-19	5.4E-19	1.5E-18							3.5E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	3.8E-13	1.0E-08	1.4E-13	9.4E-09	2.6E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	2.1E-11	1.3E-10	2.0E-08
Benzo(a)pyrene	1.9E-12	1.1E-07	6.7E-13	9.6E-08	1.2E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	7.1E-13	2.0E-17	2.0E-07
Benzo(b)fluoranthene	5.2E-14	1.9E-08	3.9E-15	1.7E-08	7.0E-15	1.2E-11	2.9E-11	1.5E-12	1.5E-12	1.3E-13	1.1E-19	3.6E-08
Benzo(e)pyrene												

Table H-555 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	3.8E-17	7.7E-10	4.0E-16	7.0E-10	7.2E-16	1.1E-13	2.5E-13	1.4E-14	1.4E-14	5.1E-14	1.2E-19	1.5E-09
Biphenyl				2.3E-18	6.4E-18							8.7E-18
Chrysene	6.6E-16	1.5E-10	1.8E-15	1.3E-10	3.3E-15	4.8E-12	1.1E-11	6.0E-13	6.0E-13	9.9E-15	5.4E-19	3.0E-10
Dibenze(a,h)anthracene	9.3E-14	1.7E-13	2.3E-13	1.5E-13	4.2E-13	1.9E-11	4.4E-11	2.4E-12	2.4E-12	1.2E-18	7.5E-18	6.9E-11
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	2.3E-14	5.9E-09	6.6E-14	5.4E-09	1.2E-13	5.8E-12	1.3E-11	7.3E-13	7.3E-13	4.0E-14	2.0E-18	1.1E-08
Napthalene						4.3E-10	1.0E-09	5.4E-11	5.4E-11			1.5E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	3.6E-17	2.1E-18	3.0E-18	1.8E-18	5.0E-18	1.6E-13	3.7E-13	2.0E-14	2.0E-14	4.8E-20	2.9E-19	5.7E-13
Heptachlorobiphenyl	3.9E-17	6.9E-18	9.7E-18	5.9E-18	1.6E-17	6.2E-14	1.4E-13	7.7E-15	7.7E-15	8.5E-20	5.2E-19	2.2E-13
Hexachlorobiphenyl	1.6E-16	3.1E-17	4.4E-17	2.6E-17	7.4E-17	2.6E-13	6.0E-13	3.3E-14	3.3E-14	3.8E-19	2.4E-18	9.3E-13
Monochlorobiphenyl	2.5E-16	1.5E-17	2.1E-17	1.2E-17	3.5E-17	1.1E-12	2.6E-12	1.4E-13	1.4E-13	3.3E-19	2.0E-18	4.0E-12
Nonachlorobiphenyl	4.9E-18	1.2E-18	1.7E-18	1.0E-18	2.9E-18	8.8E-15	2.0E-14	1.1E-15	1.1E-15	1.5E-20	9.2E-20	3.1E-14
Octachlorobiphenyl	1.2E-17	2.3E-18	3.1E-18	1.9E-18	5.3E-18	1.9E-14	4.4E-14	2.4E-15	2.4E-15	2.8E-20	1.7E-19	6.8E-14
Pentachlorobiphenyl	5.3E-16	1.1E-16	1.6E-16	9.5E-17	2.7E-16	8.9E-13	2.1E-12	1.1E-13	1.1E-13	1.4E-18	8.5E-18	3.2E-12
Tetrachlorobiphenyl	1.1E-17	8.1E-19	1.1E-18	6.8E-19	1.9E-18	5.2E-14	1.2E-13	6.5E-15	6.5E-15	1.8E-20	1.1E-19	1.8E-13
Trichlorobiphenyl	1.4E-17	9.7E-19	1.4E-18	8.2E-19	2.3E-18	6.5E-14	1.5E-13	8.2E-15	8.2E-15	2.2E-20	1.4E-19	2.3E-13
Pesticides												
DDE				2.0E-07	2.3E-09					1.8E-09	1.1E-08	2.1E-07
Dieldrin		3.7E-08		4.3E-08						6.1E-13		8.0E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	4.3E-20					1.4E-12	3.3E-12	1.8E-13	1.8E-13			5.1E-12
2,4-Dimethylphenol												

Table H-555 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	5.9E-16	8.0E-15	1.1E-14	9.5E-15	2.7E-14	3.9E-11	9.0E-11	4.9E-12	4.9E-12	8.0E-20	4.9E-19	1.4E-10
Butyl benzyl phthalate	2.9E-17	5.3E-19	7.4E-19	6.3E-19	1.8E-18							3.2E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	4.5E-17					8.4E-11	1.9E-10	1.0E-11	1.0E-11			3.0E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	6.0E-21					8.6E-14	2.0E-13	1.1E-14	1.1E-14			3.0E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	2.8E-18											2.8E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	6.4E-20					3.6E-12	8.2E-12	4.4E-13	4.4E-13			1.3E-11
1,2-Dichloroethane	9.1E-20					5.1E-08	1.4E-11	2.2E-09	2.2E-09			5.5E-08
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-555 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	9.3E-18					5.5E-07	1.3E-09	6.5E-09	6.5E-09			5.6E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	1.7E-21					3.0E-13	7.0E-13	3.8E-14	3.8E-14			1.1E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	8.1E-22					8.0E-08	2.6E-13	7.9E-09	7.9E-09			9.6E-08
Chlorobenzene												
Chlorodibromomethane	1.3E-19											1.3E-19
Chloroethane												
Chloroform	7.5E-21					7.2E-08	8.9E-12	4.7E-09	4.7E-09			8.1E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	1.4E-18					4.6E-08	9.7E-11	5.2E-12	5.2E-12			4.6E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	4.4E-21					1.5E-14	3.6E-14	1.9E-15	1.9E-15			5.5E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	1.2E-22					2.7E-15	6.2E-15	3.4E-16	3.4E-16			9.6E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	2.7E-23					1.8E-09	5.9E-15	3.2E-16	3.2E-16			1.8E-09
Trichlorofluoromethane												

Table H-555 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Vinyl chloride	3.0E-20					1.9E-12	4.3E-12	2.3E-13	2.3E-13			6.6E-12
Grand Total	2.7E-12	5.3E-07	5.9E-08	1.2E-06	2.8E-07	6.2E-06	4.4E-05	2.3E-08	2.3E-08	3.9E-09	1.6E-08	5.2E-05

Table H-556 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					4.9E-01	4.0E+00	7.9E-06	7.9E-06			4.5E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.2E-02	2.4E-02					1.1E-04	5.1E-04	3.6E-02
Antimony	3.9E-14			1.9E-03	1.2E-03							3.1E-03

Table H-556 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	9.1E-03	1.5E-03	2.1E-02	7.2E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	3.5E-05	2.6E-05	3.9E-02
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt	1.1E-01			1.1E-01	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.7E-04	6.7E-04	2.4E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				3.9E-02	5.7E-02							9.6E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.7E-04	1.1E-03	1.2E-03
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.8E-02	4.0E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.0E-04	9.5E-04	6.9E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Thallium (Soluble Salts)				8.1E-03	1.4E-02							2.3E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-556 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
DDE												
Dieldrin		5.4E-04		6.3E-04								1.2E-03
SVOCs												
1,2,4-trichlorobenzene								1.3E-07	3.1E-07	1.7E-08	1.7E-08	4.8E-07
1,2-dichlorobenzene	3.1E-17							5.4E-10	1.3E-09	6.8E-11	6.8E-11	1.9E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15							1.9E-09	4.4E-09	2.4E-10	2.4E-10	6.8E-09
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-556 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						3.0E-02						3.0E-02
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					3.3E-03	9.1E-07	1.4E-04	1.4E-04			3.5E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07

Table H-556 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					2.7E-02	6.7E-05	3.2E-04	3.2E-04			2.8E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.6E-03	5.0E-09	1.5E-04	1.5E-04			1.9E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					3.7E-04	4.6E-08	2.4E-05	2.4E-05			4.2E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					2.1E-04	4.5E-07	2.4E-08	2.4E-08			2.2E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.5E-03	8.4E-09	4.5E-10	4.5E-10			2.5E-03
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-556 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	4.8E-09	9.6E-03	1.5E-03	2.2E-01	2.7E-01	5.6E-01	4.0E+00	1.0E-03	1.0E-03	8.9E-04	3.2E-03	5.1E+00

Table H-557 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						2.7E-10	6.3E-10	3.4E-11	3.4E-11			9.7E-10
Formaldehyde						5.3E-06	3.0E-05	8.6E-11	8.6E-11			3.5E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.0E-16	8.4E-14	1.2E-13	3.3E-13	9.2E-13	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.7E-18	2.9E-17	1.0E-10
1,2,3,4,6,7,8-HpCDF	9.9E-17	8.5E-14	1.2E-13	3.3E-13	9.3E-13	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.8E-18	2.9E-17	1.0E-10
1,2,3,4,7,8,9-HpCDF	1.6E-17	9.7E-15	1.4E-14	3.8E-14	1.1E-13	3.5E-12	8.2E-12	4.4E-13	4.4E-13	5.5E-19	3.4E-18	1.3E-11
1,2,3,4,7,8-HxCDD	1.2E-15	9.5E-14	1.3E-13	3.7E-13	1.0E-12	3.3E-11	7.6E-11	4.1E-12	4.1E-12	5.4E-18	3.3E-17	1.2E-10
1,2,3,4,7,8-HxCDF	8.4E-15	7.6E-13	1.1E-12	3.0E-12	8.3E-12	2.7E-10	6.2E-10	3.4E-11	3.4E-11	4.3E-17	2.6E-16	9.7E-10
1,2,3,6,7,8-HxCDD	2.4E-15	1.9E-13	2.7E-13	7.6E-13	2.1E-12	7.0E-11	1.6E-10	8.7E-12	8.7E-12	1.1E-17	6.7E-17	2.5E-10
1,2,3,6,7,8-HxCDF	3.1E-15	2.5E-13	3.5E-13	9.7E-13	2.7E-12	8.7E-11	2.0E-10	1.1E-11	1.1E-11	1.4E-17	8.6E-17	3.2E-10
1,2,3,7,8,9-HxCDD	3.3E-15	3.1E-13	4.3E-13	1.2E-12	3.4E-12	1.1E-10	2.4E-10	1.3E-11	1.3E-11	1.7E-17	1.1E-16	3.8E-10
1,2,3,7,8,9-HxCDF	2.7E-16	1.8E-14	2.5E-14	7.0E-14	1.9E-13	6.7E-12	1.5E-11	8.4E-13	8.4E-13	1.0E-18	6.1E-18	2.4E-11
1,2,3,7,8-PeCDD	7.7E-14	1.1E-12	1.5E-12	4.2E-12	1.2E-11	4.2E-10	9.7E-10	5.3E-11	5.3E-11	6.1E-17	3.7E-16	1.5E-09
1,2,3,7,8-PeCDF	5.4E-15	6.3E-14	8.8E-14	2.5E-13	7.0E-13	3.0E-11	6.9E-11	3.7E-12	3.7E-12	3.6E-18	2.2E-17	1.1E-10
2,3,4,6,7,8-HxCDF	4.5E-15	3.9E-13	5.4E-13	1.5E-12	4.3E-12	1.4E-10	3.1E-10	1.7E-11	1.7E-11	2.2E-17	1.3E-16	4.9E-10
2,3,4,7,8-PeCDF	8.3E-14	1.5E-12	2.1E-12	6.0E-12	1.7E-11	6.7E-10	1.6E-09	8.4E-11	8.4E-11	8.5E-17	5.3E-16	2.4E-09
2,3,7,8-TCDD	2.7E-14	2.2E-13	3.1E-13	8.7E-13	2.4E-12	1.7E-10	3.9E-10	2.1E-11	2.1E-11	8.7E-15	5.3E-14	6.0E-10
2,3,7,8-TCDF	8.8E-15	4.0E-14	5.6E-14	1.6E-13	4.4E-13	6.2E-11	1.4E-10	7.8E-12	7.8E-12	2.3E-18	1.4E-17	2.2E-10
OCDD	1.4E-20	5.7E-16	7.9E-16	2.2E-15	6.2E-15	1.8E-13	4.2E-13	2.3E-14	2.3E-14	3.2E-20	2.0E-19	6.6E-13
OCDF	5.0E-21	2.2E-16	3.1E-16	8.6E-16	2.4E-15	6.9E-14	1.6E-13	8.6E-15	8.6E-15	1.2E-20	7.6E-20	2.5E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-557 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.0E-16	3.5E-07	2.3E-08	8.3E-07	1.1E-07	2.2E-10	5.1E-10	2.7E-11	2.7E-11	1.9E-10	5.7E-11	1.3E-06
Barium												
Beryllium						8.8E-12	2.0E-11	1.1E-12	1.1E-12	1.1E-20	6.5E-20	3.1E-11
Cadmium						1.2E-10	2.7E-10	1.5E-11	1.5E-11	6.2E-21	3.8E-20	4.2E-10
Chromium												
Cobalt						7.6E-09	1.8E-08	9.5E-10	9.5E-10	1.2E-09	5.3E-09	3.3E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						7.7E-11	1.8E-10	9.7E-12	9.7E-12	6.1E-10	3.2E-09	4.1E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		5.9E-19	8.3E-19	5.4E-19	1.5E-18							3.5E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	3.8E-13	1.0E-08	1.4E-13	9.4E-09	2.6E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	2.1E-11	1.3E-10	2.0E-08
Benzo(a)pyrene	1.9E-12	1.1E-07	8.2E-08	9.6E-08	1.5E-07	1.1E-10	2.6E-10	1.4E-11	1.4E-11	7.1E-13	2.4E-12	4.4E-07
Benzo(b)fluoranthene	5.2E-14	1.9E-08	7.4E-09	1.7E-08	1.4E-08	1.2E-11	2.9E-11	1.5E-12	1.5E-12	1.3E-13	2.2E-13	5.7E-08
Benzo(e)pyrene												

Table H-557 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	3.8E-17	7.7E-10	4.0E-16	7.0E-10	7.2E-16	1.1E-13	2.5E-13	1.4E-14	1.4E-14	5.1E-14	1.2E-19	1.5E-09
Biphenyl				2.3E-18	6.4E-18							8.7E-18
Chrysene	6.6E-16	1.5E-10	1.8E-15	1.3E-10	3.3E-15	4.8E-12	1.1E-11	6.0E-13	6.0E-13	9.9E-15	5.4E-19	3.0E-10
Dibenze(a,h)anthracene	9.3E-14	1.7E-13	2.3E-13	1.5E-13	4.2E-13	1.9E-11	4.4E-11	2.4E-12	2.4E-12	1.2E-18	7.5E-18	6.9E-11
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	2.3E-14	5.9E-09	6.6E-14	5.4E-09	1.2E-13	5.8E-12	1.3E-11	7.3E-13	7.3E-13	4.0E-14	2.0E-18	1.1E-08
Napthalene						4.3E-10	1.0E-09	5.4E-11	5.4E-11			1.5E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	3.6E-17	2.1E-18	3.0E-18	1.8E-18	5.0E-18	1.6E-13	3.7E-13	2.0E-14	2.0E-14	4.8E-20	2.9E-19	5.7E-13
Heptachlorobiphenyl	3.9E-17	6.9E-18	9.7E-18	5.9E-18	1.6E-17	6.2E-14	1.4E-13	7.7E-15	7.7E-15	8.5E-20	5.2E-19	2.2E-13
Hexachlorobiphenyl	1.6E-16	3.1E-17	4.4E-17	2.6E-17	7.4E-17	2.6E-13	6.0E-13	3.3E-14	3.3E-14	3.8E-19	2.4E-18	9.3E-13
Monochlorobiphenyl	2.5E-16	1.5E-17	2.1E-17	1.2E-17	3.5E-17	1.1E-12	2.6E-12	1.4E-13	1.4E-13	3.3E-19	2.0E-18	4.0E-12
Nonachlorobiphenyl	4.9E-18	1.2E-18	1.7E-18	1.0E-18	2.9E-18	8.8E-15	2.0E-14	1.1E-15	1.1E-15	1.5E-20	9.2E-20	3.1E-14
Octachlorobiphenyl	1.2E-17	2.3E-18	3.1E-18	1.9E-18	5.3E-18	1.9E-14	4.4E-14	2.4E-15	2.4E-15	2.8E-20	1.7E-19	6.8E-14
Pentachlorobiphenyl	5.3E-16	1.1E-16	1.6E-16	9.5E-17	2.7E-16	8.9E-13	2.1E-12	1.1E-13	1.1E-13	1.4E-18	8.5E-18	3.2E-12
Tetrachlorobiphenyl	1.1E-17	8.1E-19	1.1E-18	6.8E-19	1.9E-18	5.2E-14	1.2E-13	6.5E-15	6.5E-15	1.8E-20	1.1E-19	1.8E-13
Trichlorobiphenyl	1.4E-17	9.7E-19	1.4E-18	8.2E-19	2.3E-18	6.5E-14	1.5E-13	8.2E-15	8.2E-15	2.2E-20	1.4E-19	2.3E-13
Pesticides												
DDE				2.0E-07	8.0E-09					1.8E-09	1.1E-08	2.2E-07
Dieldrin		3.7E-08		4.3E-08						6.1E-13		8.0E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	4.3E-20					1.4E-12	3.3E-12	1.8E-13	1.8E-13			5.1E-12
2,4-Dimethylphenol												

Table H-557 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	5.9E-16	8.0E-15	1.1E-14	9.5E-15	2.7E-14	3.9E-11	9.0E-11	4.9E-12	4.9E-12	8.0E-20	4.9E-19	1.4E-10
Butyl benzyl phthalate	2.9E-17	5.3E-19	7.4E-19	6.3E-19	1.8E-18							3.2E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	4.5E-17					8.4E-11	1.9E-10	1.0E-11	1.0E-11			3.0E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	6.0E-21					8.6E-14	2.0E-13	1.1E-14	1.1E-14			3.0E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	2.8E-18											2.8E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	6.4E-20					3.6E-12	8.2E-12	4.4E-13	4.4E-13			1.3E-11
1,2-Dichloroethane	9.1E-20					5.1E-08	1.4E-11	2.2E-09	2.2E-09			5.5E-08
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-557 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	9.3E-18					5.5E-07	1.3E-09	6.5E-09	6.5E-09			5.6E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	1.7E-21					3.0E-13	7.0E-13	3.8E-14	3.8E-14			1.1E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	8.1E-22					8.0E-08	2.6E-13	7.9E-09	7.9E-09			9.6E-08
Chlorobenzene												
Chlorodibromomethane	1.3E-19											1.3E-19
Chloroethane												
Chloroform	7.5E-21					7.2E-08	8.9E-12	4.7E-09	4.7E-09			8.1E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	1.4E-18					4.6E-08	9.7E-11	5.2E-12	5.2E-12			4.6E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	4.4E-21					1.5E-14	3.6E-14	1.9E-15	1.9E-15			5.5E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	1.2E-22					2.7E-15	6.2E-15	3.4E-16	3.4E-16			9.6E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	2.7E-23					1.8E-09	5.9E-15	3.2E-16	3.2E-16			1.8E-09
Trichlorofluoromethane												

Table H-557 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Vinyl chloride	3.0E-20					1.9E-12	4.3E-12	2.3E-13	2.3E-13			6.6E-12
Grand Total	2.7E-12	5.3E-07	1.1E-07	1.2E-06	2.8E-07	6.2E-06	3.0E-05	2.3E-08	2.3E-08	3.9E-09	2.0E-08	3.8E-05

Table H-558 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					4.9E-01	2.7E+00	7.9E-06	7.9E-06			3.2E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.2E-02	1.9E-02					1.1E-04	4.1E-04	3.1E-02
Antimony	3.9E-14			1.9E-03	4.2E-04							2.3E-03

Table H-558 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	9.1E-03	6.1E-04	2.1E-02	2.9E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	3.5E-05	1.0E-05	3.4E-02
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt	1.1E-01			1.1E-01	2.1E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.7E-04	1.1E-03	3.3E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				3.9E-02	6.2E-02							1.0E-01
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.7E-04	1.1E-03	1.2E-03
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.8E-02	6.6E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.0E-04	1.6E-03	9.6E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Thallium (Soluble Salts)				8.1E-03								8.1E-03
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-558 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
DDE												
Dieldrin		5.4E-04		6.3E-04								1.2E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-558 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol								3.0E-02				3.0E-02
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					3.3E-03	9.1E-07	1.4E-04	1.4E-04			3.5E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07

Table H-558 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					2.7E-02	6.7E-05	3.2E-04	3.2E-04			2.8E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.6E-03	5.0E-09	1.5E-04	1.5E-04			1.9E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					3.7E-04	4.6E-08	2.4E-05	2.4E-05			4.2E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					2.1E-04	4.5E-07	2.4E-08	2.4E-08			2.2E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.5E-03	8.4E-09	4.5E-10	4.5E-10			2.5E-03
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-558 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	4.8E-09	9.6E-03	6.1E-04	2.2E-01	3.6E-01	5.6E-01	2.8E+00	1.0E-03	1.0E-03	8.9E-04	4.2E-03	3.9E+00

Table H-559 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						2.7E-10	9.8E-09	3.4E-11	3.3E-09			1.3E-08
Formaldehyde						5.3E-06	2.3E-08	8.6E-11	7.5E-09			5.4E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.0E-16	8.4E-14	1.6E-12	3.3E-13	1.2E-11	2.8E-11	1.1E-09	3.5E-12	3.7E-10	4.7E-18	3.9E-16	1.5E-09
1,2,3,4,6,7,8-HpCDF	9.9E-17	8.5E-14	1.6E-12	3.3E-13	1.2E-11	2.8E-11	1.1E-09	3.5E-12	3.7E-10	4.8E-18	3.9E-16	1.5E-09
1,2,3,4,7,8,9-HpCDF	1.6E-17	9.7E-15	1.9E-13	3.8E-14	1.5E-12	3.5E-12	1.4E-10	4.4E-13	4.8E-11	5.5E-19	4.7E-17	2.0E-10
1,2,3,4,7,8-HxCDD	1.2E-15	9.5E-14	1.8E-12	3.7E-13	1.4E-11	3.3E-11	1.3E-09	4.1E-12	4.5E-10	5.4E-18	4.6E-16	1.8E-09
1,2,3,4,7,8-HxCDF	8.4E-15	7.6E-13	1.5E-11	3.0E-12	1.1E-10	2.7E-10	1.1E-08	3.4E-11	3.6E-09	4.3E-17	3.6E-15	1.5E-08
1,2,3,6,7,8-HxCDD	2.4E-15	1.9E-13	3.8E-12	7.6E-13	3.0E-11	7.0E-11	2.8E-09	8.7E-12	9.4E-10	1.1E-17	9.3E-16	3.9E-09
1,2,3,6,7,8-HxCDF	3.1E-15	2.5E-13	4.8E-12	9.7E-13	3.8E-11	8.7E-11	3.6E-09	1.1E-11	1.2E-09	1.4E-17	1.2E-15	4.9E-09
1,2,3,7,8,9-HxCDD	3.3E-15	3.1E-13	5.9E-12	1.2E-12	4.7E-11	1.1E-10	4.3E-09	1.3E-11	1.4E-09	1.7E-17	1.5E-15	5.9E-09
1,2,3,7,8,9-HxCDF	2.7E-16	1.8E-14	3.5E-13	7.0E-14	2.7E-12	6.7E-12	2.7E-10	8.4E-13	9.1E-11	1.0E-18	8.6E-17	3.8E-10
1,2,3,7,8-PeCDD	7.7E-14	1.1E-12	2.1E-11	4.2E-12	1.7E-10	4.2E-10	1.7E-08	5.3E-11	5.7E-09	6.1E-17	5.2E-15	2.4E-08
1,2,3,7,8-PeCDF	5.4E-15	6.3E-14	1.2E-12	2.5E-13	9.8E-12	3.0E-11	1.2E-09	3.7E-12	4.1E-10	3.6E-18	3.1E-16	1.7E-09
2,3,4,6,7,8-HxCDF	4.5E-15	3.9E-13	7.3E-12	1.5E-12	5.7E-11	1.4E-10	5.4E-09	1.7E-11	1.8E-09	2.2E-17	1.8E-15	7.5E-09
2,3,4,7,8-PeCDF	8.3E-14	1.5E-12	3.0E-11	6.0E-12	2.3E-10	6.7E-10	2.7E-08	8.4E-11	9.1E-09	8.5E-17	7.4E-15	3.8E-08
2,3,7,8-TCDD	2.7E-14	2.2E-13	3.2E-12	8.7E-13	2.5E-11	1.7E-10	5.7E-09	2.1E-11	1.9E-09	8.7E-15	5.5E-13	7.8E-09
2,3,7,8-TCDF	8.8E-15	4.0E-14	8.0E-13	1.6E-13	6.3E-12	6.2E-11	2.6E-09	7.8E-12	8.5E-10	2.3E-18	2.0E-16	3.5E-09
OCDD	1.4E-20	5.7E-16	1.0E-14	2.2E-15	8.2E-14	1.8E-13	7.2E-12	2.3E-14	2.4E-12	3.2E-20	2.6E-18	1.0E-11
OCDF	5.0E-21	2.2E-16	3.9E-15	8.6E-16	3.1E-14	6.9E-14	2.7E-12	8.6E-15	8.9E-13	1.2E-20	9.7E-19	3.7E-12
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-559 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.0E-16	3.5E-07	6.2E-18	8.3E-07	2.9E-17	2.2E-10	7.7E-09	2.7E-11	2.6E-09	1.9E-10	1.5E-20	1.2E-06
Barium												
Beryllium						8.8E-12	3.0E-10	1.1E-12	1.0E-10	1.1E-20	8.7E-19	4.1E-10
Cadmium						1.2E-10	4.1E-09	1.5E-11	1.4E-09	6.2E-21	5.2E-19	5.6E-09
Chromium												
Cobalt						7.6E-09	1.4E-07	9.5E-10	4.6E-08	1.2E-09	4.7E-13	1.9E-07
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						7.7E-11	2.7E-09	9.7E-12	8.9E-10	6.1E-10	3.7E-19	4.2E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		5.9E-19	1.2E-17	5.4E-19	2.2E-17							3.5E-17
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	3.8E-13	1.0E-08	2.3E-12	9.4E-09	4.2E-12	2.8E-11	1.2E-09	3.5E-12	4.1E-10	2.1E-11	2.1E-14	2.1E-08
Benzo(a)pyrene	1.9E-12	1.1E-07	9.9E-12	9.6E-08	1.8E-11	1.1E-10	4.6E-09	1.4E-11	1.5E-09	7.1E-13	2.9E-16	2.1E-07
Benzo(b)fluoranthene	5.2E-14	1.9E-08	5.3E-14	1.7E-08	9.7E-14	1.2E-11	5.0E-10	1.5E-12	1.7E-10	1.3E-13	1.6E-18	3.7E-08
Benzo(e)pyrene												

Table H-559 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	3.8E-17	7.7E-10	2.6E-15	7.0E-10	4.8E-15	1.1E-13	2.0E-12	1.4E-14	6.5E-13	5.1E-14	7.7E-19	1.5E-09
Biphenyl				2.3E-18	9.6E-17							9.8E-17
Chrysene	6.6E-16	1.5E-10	2.6E-14	1.3E-10	4.8E-14	4.8E-12	2.0E-10	6.0E-13	6.6E-11	9.9E-15	7.8E-18	5.5E-10
Dibenze(a,h)anthracene	9.3E-14	1.7E-13	3.3E-12	1.5E-13	6.0E-12	1.9E-11	7.9E-10	2.4E-12	2.6E-10	1.2E-18	1.1E-16	1.1E-09
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	2.3E-14	5.9E-09	9.4E-13	5.4E-09	1.7E-12	5.8E-12	2.4E-10	7.3E-13	8.0E-11	4.0E-14	2.8E-17	1.2E-08
Napthalene						4.3E-10	1.8E-08	5.4E-11	6.0E-09			2.5E-08
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	3.6E-17	2.1E-18	4.2E-17	1.8E-18	7.1E-17	1.6E-13	6.5E-12	2.0E-14	2.2E-12	4.8E-20	4.2E-18	8.9E-12
Heptachlorobiphenyl	3.9E-17	6.9E-18	1.3E-16	5.9E-18	2.3E-16	6.2E-14	2.5E-12	7.7E-15	8.4E-13	8.5E-20	7.2E-18	3.4E-12
Hexachlorobiphenyl	1.6E-16	3.1E-17	5.6E-16	2.6E-17	9.5E-16	2.6E-13	1.0E-11	3.3E-14	3.4E-12	3.8E-19	3.0E-17	1.4E-11
Monochlorobiphenyl	2.5E-16	1.5E-17	2.9E-16	1.2E-17	5.0E-16	1.1E-12	4.6E-11	1.4E-13	1.5E-11	3.3E-19	2.9E-17	6.2E-11
Nonachlorobiphenyl	4.9E-18	1.2E-18	1.9E-17	1.0E-18	3.2E-17	8.8E-15	3.1E-13	1.1E-15	1.0E-13	1.5E-20	1.0E-18	4.2E-13
Octachlorobiphenyl	1.2E-17	2.3E-18	4.1E-17	1.9E-18	6.9E-17	1.9E-14	7.4E-13	2.4E-15	2.5E-13	2.8E-20	2.2E-18	1.0E-12
Pentachlorobiphenyl	5.3E-16	1.1E-16	1.9E-15	9.5E-17	3.3E-15	8.9E-13	3.4E-11	1.1E-13	1.1E-11	1.4E-18	1.0E-16	4.6E-11
Tetrachlorobiphenyl	1.1E-17	8.1E-19	1.4E-17	6.8E-19	2.3E-17	5.2E-14	1.9E-12	6.5E-15	6.5E-13	1.8E-20	1.4E-18	2.6E-12
Trichlorobiphenyl	1.4E-17	9.7E-19	1.7E-17	8.2E-19	2.9E-17	6.5E-14	2.5E-12	8.2E-15	8.5E-13	2.2E-20	1.7E-18	3.5E-12
Pesticides												
DDE				2.0E-07						1.8E-09		2.0E-07
Dieldrin		3.7E-08		4.3E-08						6.1E-13		8.0E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	4.3E-20					1.4E-12	6.4E-11	1.8E-13	2.1E-11			8.7E-11
2,4-Dimethylphenol												

Table H-559 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	5.9E-16	8.0E-15	1.4E-13	9.5E-15	3.4E-13	3.9E-11	1.5E-09	4.9E-12	5.1E-10	8.0E-20	6.3E-18	2.1E-09
Butyl benzyl phthalate	2.9E-17	5.3E-19	1.1E-17	6.3E-19	2.6E-17							6.6E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	4.5E-17					8.4E-11	1.5E-09	1.0E-11	5.0E-10			2.1E-09
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	6.0E-21					8.6E-14	2.9E-12	1.1E-14	9.7E-13			4.0E-12
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	2.8E-18											2.8E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	6.4E-20					3.6E-12	6.3E-11	4.4E-13	2.1E-11			8.9E-11
1,2-Dichloroethane	9.1E-20					5.1E-08	2.3E-10	2.2E-09	7.8E-11			5.3E-08
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-559 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	9.3E-18					5.5E-07	2.3E-08	6.5E-09	7.6E-09			5.9E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	1.7E-21					3.0E-13	5.4E-12	3.8E-14	1.8E-12			7.5E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	8.1E-22					8.0E-08	2.0E-12	7.9E-09	6.7E-13			8.8E-08
Chlorobenzene												
Chlorodibromomethane	1.3E-19											1.3E-19
Chloroethane												
Chloroform	7.5E-21					7.2E-08	7.5E-11	4.7E-09	2.5E-11			7.7E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	1.4E-18					4.6E-08	1.6E-09	5.2E-12	5.3E-10			4.8E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	4.4E-21					1.5E-14	5.7E-13	1.9E-15	1.9E-13			7.8E-13
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	1.2E-22					2.7E-15	9.4E-14	3.4E-16	3.1E-14			1.3E-13
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	2.7E-23					1.8E-09	4.6E-14	3.2E-16	1.5E-14			1.8E-09
Trichlorofluoromethane												

Table H-559 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	3.0E-20					1.9E-12	4.5E-11	2.3E-13	1.5E-11			6.3E-11
Grand Total	2.7E-12	5.3E-07	1.1E-10	1.2E-06	8.0E-10	6.2E-06	3.2E-07	2.3E-08	1.1E-07	3.9E-09	1.1E-12	8.3E-06

Table H-560 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	1.5E-03	5.2E-06	5.0E-04			2.0E-03
Aldehydes												
Acetaldehyde						1.6E-04	5.8E-03	2.0E-05	1.9E-03			7.9E-03
Formaldehyde	2.3E-12					4.9E-01	2.1E-03	7.9E-06	6.9E-04			4.9E-01
Propionaldehyde						2.0E-05	7.2E-04	2.5E-06	2.4E-04	2.1E-12	1.5E-10	9.8E-04
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.5E-07	2.0E-07	5.9E-06	1.3E-06	4.3E-05	1.6E-07	1.4E-05	1.2E-10	7.8E-09	6.6E-05
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	7.7E-03	2.5E-05	2.6E-03			1.1E-02
Metals												
Aluminum				1.2E-02						1.1E-04		1.2E-02
Antimony	3.9E-14			1.9E-03								1.9E-03

Table H-560 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	9.1E-03	1.6E-13	2.1E-02	7.6E-13	4.0E-05	1.4E-03	4.9E-06	4.7E-04	3.5E-05	2.7E-15	3.2E-02
Barium	1.2E-11			1.6E-08	5.4E-07	2.5E-04	6.8E-03	3.1E-05	2.3E-03	3.1E-10	2.3E-08	9.3E-03
Beryllium	1.7E-14			5.2E-13	2.0E-11	2.1E-06	7.3E-05	2.7E-07	2.4E-05	2.6E-15	2.1E-13	9.9E-05
Cadmium	8.3E-12			8.2E-13	3.1E-11	7.6E-05	2.6E-03	9.5E-06	8.8E-04	4.0E-15	3.4E-13	3.6E-03
Chromium	1.7E-15			5.5E-11	2.2E-09							2.2E-09
Cobalt				1.1E-01	3.3E-05	1.6E-03	3.0E-02	2.0E-04	9.9E-03	2.7E-04	1.8E-07	1.5E-01
Copper				8.4E-09	3.2E-07							3.3E-07
Iron				3.9E-02								3.9E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.5E-09	7.8E-08	2.8E-06	9.8E-09	9.2E-07	5.6E-15	3.8E-13	3.8E-06
Mercury, elemental						3.3E-10	1.2E-08	4.1E-11	3.8E-09	1.7E-04		1.7E-04
Methyl Mercury	8.7E-11			2.0E-11	7.9E-10							8.9E-10
Nickel	1.7E-13			2.8E-02	7.8E-12	3.9E-05	1.3E-03	4.8E-06	4.4E-04	3.0E-04	1.9E-13	3.0E-02
Phosphorus				3.7E-10	1.4E-08							1.4E-08
Selenium	5.5E-14			8.1E-15	3.1E-13	8.7E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-20	8.4E-18	4.2E-07
Silver	4.2E-14			1.7E-10	6.2E-09							6.4E-09
Thallium (Soluble Salts)				8.1E-03								8.1E-03
Titanium												
Zinc	1.4E-11			6.1E-13	2.2E-11							3.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	6.9E-14	3.1E-15	1.3E-13							2.0E-13
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	1.2E-12	5.2E-14	2.1E-12							3.4E-12
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-560 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	2.8E-13	2.8E-04	1.2E-02	3.5E-05	3.9E-03	4.9E-12	4.5E-10	1.6E-02
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	3.4E-11	1.5E-12	6.3E-11							1.1E-10
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	2.1E-03	6.2E-06	6.9E-04			2.8E-03
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.7E-10	7.6E-12	3.1E-10							5.1E-10
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.8E-10	7.8E-12	3.1E-10							6.0E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	7.2E-11	3.2E-12	1.2E-10	9.8E-10	3.9E-08	1.2E-10	1.3E-08	2.5E-15	2.1E-13	5.4E-08
Hexachlorobiphenyl	4.6E-11	1.7E-11	3.0E-10	1.4E-11	5.1E-10	4.1E-06	1.6E-04	5.1E-07	5.3E-05	1.1E-11	8.8E-10	2.2E-04
Monochlorobiphenyl	6.1E-10	6.4E-11	1.3E-09	5.4E-11	2.2E-09							4.2E-09
Nonachlorobiphenyl	1.4E-12	6.6E-13	1.0E-11	5.6E-13	1.7E-11							3.0E-11
Octachlorobiphenyl	3.4E-12	1.2E-12	2.2E-11	1.0E-12	3.7E-11							6.5E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	1.0E-09	5.1E-11	1.8E-09	4.6E-05	1.7E-03	5.7E-06	5.7E-04	1.3E-10	9.9E-09	2.3E-03
Tetrachlorobiphenyl	2.6E-11	3.5E-12	6.0E-11	3.0E-12	1.0E-10	2.3E-07	8.7E-06	2.9E-08	2.9E-06	1.5E-13	1.1E-11	1.2E-05
Trichlorobiphenyl	3.4E-11	4.3E-12	7.6E-11	3.6E-12	1.3E-10							2.5E-10
Pesticides												
DDE												
Dieldrin		5.4E-04		6.3E-04								1.2E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	4.3E-06	1.7E-08	1.4E-06			5.9E-06
1,2-dichlorobenzene	3.1E-17					5.4E-10	9.7E-09	6.8E-11	3.2E-09			1.4E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	8.5E-08	2.4E-10	2.8E-08			1.2E-07
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-560 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	3.9E-06	1.2E-08	1.3E-06			5.3E-06
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	6.0E-09	4.0E-10	1.4E-08							2.1E-08
Butyl benzyl phthalate	8.8E-13	1.6E-14	3.3E-13	1.9E-14	7.9E-13							2.0E-12
Carbazole												
Dibenzofuran		1.4E-13	2.9E-12	5.7E-13	2.3E-11							2.6E-11
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	6.7E-13	3.9E-14	1.6E-12							1.9E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	8.7E-12	1.1E-12	2.1E-11							3.1E-11
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						3.0E-02						3.0E-02
Phenol	4.9E-13					1.5E-06	6.2E-05	1.9E-07	2.1E-05			8.5E-05
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	1.0E-09	3.3E-12	3.3E-10			1.4E-09
1,1-Dichloroethene	1.2E-19					1.3E-10	2.3E-09	1.6E-11	7.7E-10			3.2E-09
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	6.4E-06	4.5E-08	2.1E-06			9.0E-06
1,2,4-Trimethylbenzene						8.9E-07	2.8E-05	1.1E-07	9.4E-06			3.9E-05
1,2-Dibromoethane	4.1E-17					7.7E-09	1.4E-07	9.6E-10	4.6E-08			1.9E-07
1,2-Dichloroethane	1.9E-15					3.3E-03	1.5E-05	1.4E-04	5.0E-06			3.4E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	2.6E-07	8.3E-10	8.7E-08			3.6E-07
2-Chlorotoluene												
2-Hexanone						2.3E-07	8.2E-06	2.8E-08	2.7E-06			1.1E-05

Table H-560 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					2.7E-02	1.1E-03	3.2E-04	3.8E-04			2.9E-02
Bromobenzene						6.2E-07	1.1E-05	7.8E-08	3.7E-06			1.5E-05
Bromochloromethane						2.2E-09	3.9E-08	2.8E-10	1.3E-08			5.5E-08
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	2.3E-05	9.5E-08	7.6E-06			3.1E-05
Carbon disulfide	1.3E-17					4.8E-09	1.4E-07	6.0E-10	4.7E-08			1.9E-07
Carbon tetrachloride	3.4E-17					1.6E-03	3.9E-08	1.5E-04	1.3E-08			1.7E-03
Chlorobenzene	2.3E-15					9.6E-08	3.4E-06	1.2E-08	1.1E-06			4.7E-06
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	3.2E-08	1.1E-10	1.1E-08			4.3E-08
Chloroform	2.8E-16					3.7E-04	3.9E-07	2.4E-05	1.3E-07			4.0E-04
Chloromethane						3.4E-07	1.0E-05	4.3E-08	3.5E-06			1.4E-05
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	9.1E-07	6.4E-09	3.0E-07			1.3E-06
Dichlorodifluoromethane	2.4E-20					2.5E-09	4.4E-08	3.1E-10	1.5E-08			6.2E-08
Ethylbenzene	1.5E-14					2.1E-04	7.4E-06	2.4E-08	2.5E-06			2.2E-04
Isopropylbenzene	2.0E-17					3.9E-08	1.3E-06	4.9E-09	4.5E-07			1.8E-06
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.1E-09	1.5E-11	7.1E-10			3.0E-09
Methylene chloride	4.3E-15					3.0E-08	1.1E-06	3.8E-09	3.7E-07			1.5E-06
n-Butylbenzene												
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07			4.2E-07
o-Xylene	1.4E-15					2.3E-07	7.6E-06	2.9E-08	2.5E-06			1.0E-05
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.9E-05	6.4E-08	6.2E-06			2.5E-05
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	1.1E-07	3.8E-10	3.5E-08			1.4E-07
Toluene	2.0E-14					6.3E-08	2.5E-06	7.9E-09	8.3E-07			3.4E-06
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.5E-03	6.5E-08	4.5E-10	2.2E-08			2.5E-03
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-560 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					5.0E-08	1.2E-06	6.2E-09	4.0E-07			1.7E-06
Grand Total	4.8E-09	9.6E-03	7.6E-07	2.2E-01	4.0E-05	5.6E-01	7.7E-02	1.0E-03	2.6E-02	8.9E-04	2.2E-07	8.9E-01

Table H-561 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			2.7E-10	3.4E-11		3.1E-10
Formaldehyde			3.6E-06	8.6E-11		3.6E-06
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	8.4E-14	3.3E-13	2.8E-11	3.5E-12	4.7E-18	3.1E-11
1,2,3,4,6,7,8-HpCDF	8.5E-14	3.3E-13	2.8E-11	3.5E-12	4.8E-18	3.2E-11
1,2,3,4,7,8,9-HpCDF	9.7E-15	3.8E-14	3.5E-12	4.4E-13	5.5E-19	4.0E-12
1,2,3,4,7,8-HxCDD	9.5E-14	3.7E-13	3.3E-11	4.1E-12	5.4E-18	3.8E-11
1,2,3,4,7,8-HxCDF	7.6E-13	3.0E-12	2.7E-10	3.4E-11	4.3E-17	3.1E-10
1,2,3,6,7,8-HxCDD	1.9E-13	7.6E-13	7.0E-11	8.7E-12	1.1E-17	7.9E-11
1,2,3,6,7,8-HxCDF	2.5E-13	9.7E-13	8.7E-11	1.1E-11	1.4E-17	9.9E-11
1,2,3,7,8,9-HxCDD	3.1E-13	1.2E-12	1.1E-10	1.3E-11	1.7E-17	1.2E-10
1,2,3,7,8,9-HxCDF	1.8E-14	7.0E-14	6.7E-12	8.4E-13	1.0E-18	7.6E-12
1,2,3,7,8-PeCDD	1.1E-12	4.2E-12	4.2E-10	5.3E-11	6.1E-17	4.8E-10

Table H-561 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	6.3E-14	2.5E-13	3.0E-11	3.7E-12	3.6E-18	3.4E-11
2,3,4,6,7,8-HxCDF	3.9E-13	1.5E-12	1.4E-10	1.7E-11	2.2E-17	1.5E-10
2,3,4,7,8-PeCDF	1.5E-12	6.0E-12	6.7E-10	8.4E-11	8.5E-17	7.6E-10
2,3,7,8-TCDD	2.2E-13	8.7E-13	1.7E-10	2.1E-11	8.7E-15	1.9E-10
2,3,7,8-TCDF	4.0E-14	1.6E-13	6.2E-11	7.8E-12	2.3E-18	7.0E-11
OCDD	5.7E-16	2.2E-15	1.8E-13	2.3E-14	3.2E-20	2.1E-13
OCDF	2.2E-16	8.6E-16	6.9E-14	8.6E-15	1.2E-20	7.9E-14
HCN						
Hydrogen cyanide						
Metals						
Aluminum						
Antimony						
Arsenic	4.6E-08	1.1E-07	2.2E-10	2.7E-11	2.6E-11	1.6E-07
Barium						
Beryllium			8.8E-12	1.1E-12	1.1E-20	9.9E-12
Cadmium			1.2E-10	1.5E-11	6.2E-21	1.3E-10
Chromium						
Cobalt			7.6E-09	9.5E-10	1.0E-09	9.5E-09
Copper						
Iron						
Lead						
Manganese						
Mercury (+2)						

Table H-561 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental						
Methyl Mercury						
Nickel			7.7E-11	9.7E-12	6.1E-10	6.9E-10
Phosphorus						
Selenium						
Silver						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	5.9E-19	5.4E-19				1.1E-18
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	1.4E-09	1.3E-09	2.8E-11	3.5E-12	2.9E-12	2.7E-09
Benzo(a)pyrene	1.6E-08	1.5E-08	1.1E-10	1.4E-11	1.1E-13	3.1E-08
Benzo(b)fluoranthene	2.9E-09	2.7E-09	1.2E-11	1.5E-12	2.0E-14	5.6E-09
Benzo(e)pyrene						

Table H-561 (Cancer Risk)

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Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	2.2E-10	2.0E-10	1.1E-13	1.4E-14	1.5E-14	4.2E-10
Biphenyl		2.3E-18				2.3E-18
Chrysene	1.7E-11	1.6E-11	4.8E-12	6.0E-13	1.1E-15	3.8E-11
Dibenze(a,h)anthracene	1.7E-13	1.5E-13	1.9E-11	2.4E-12	1.2E-18	2.2E-11
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	7.1E-10	6.4E-10	5.8E-12	7.3E-13	4.7E-15	1.4E-09
Napthalene			4.3E-10	5.4E-11		4.9E-10
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	2.1E-18	1.8E-18	1.6E-13	2.0E-14	4.8E-20	1.8E-13
Heptachlorobiphenyl	6.9E-18	5.9E-18	6.2E-14	7.7E-15	8.5E-20	7.0E-14
Hexachlorobiphenyl	3.1E-17	2.6E-17	2.6E-13	3.3E-14	3.8E-19	2.9E-13
Monochlorobiphenyl	1.5E-17	1.2E-17	1.1E-12	1.4E-13	3.3E-19	1.2E-12
Nonachlorobiphenyl	1.2E-18	1.0E-18	8.8E-15	1.1E-15	1.5E-20	9.9E-15
Octachlorobiphenyl	2.3E-18	1.9E-18	1.9E-14	2.4E-15	2.8E-20	2.1E-14

Table H-561 (Cancer Risk)

ACI Lifetime (yrs)	16
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Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Pentachlorobiphenyl	1.1E-16	9.5E-17	8.9E-13	1.1E-13	1.4E-18	1.0E-12
Tetrachlorobiphenyl	8.1E-19	6.8E-19	5.2E-14	6.5E-15	1.8E-20	5.8E-14
Trichlorobiphenyl	9.7E-19	8.2E-19	6.5E-14	8.2E-15	2.2E-20	7.4E-14
Pesticides						
Chlordecone (Kepone)	1.1E-06	1.3E-06			2.9E-11	2.4E-06
DDE		6.0E-09			5.4E-11	6.0E-09
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-Butadiene			5.6E-08			5.6E-08
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.4E-12	1.8E-13		1.6E-12
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	8.0E-15	9.5E-15	3.9E-11	4.9E-12	8.0E-20	4.4E-11
Butyl benzyl phthalate	5.3E-19	6.3E-19				1.2E-18

Table H-561 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			8.4E-11	1.0E-11		9.4E-11
Isopropanol						
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			8.6E-14	1.1E-14		9.6E-14
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			3.6E-12	4.4E-13		4.0E-12
1,2-Dichloroethane			6.2E-12	2.2E-09		2.2E-09
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						

Table H-561 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
2-Chlorotoluene						
2-Hexanone						
Benzene			5.6E-08	6.5E-09		6.3E-08
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			3.0E-13	3.8E-14		3.4E-13
Bromomethane						
Carbon disulfide						
Carbon tetrachloride			7.6E-08	7.9E-09		8.4E-08
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			4.3E-08	4.7E-09		4.7E-08
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			5.9E-09	5.2E-12		5.9E-09
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			1.5E-14	1.9E-15		1.7E-14

Table H-561 (Cancer Risk)

ACI Lifetime (yrs)	16
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Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethene			2.7E-15	3.4E-16		3.0E-15
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			2.6E-15	3.2E-16		2.9E-15
Trichlorofluoromethane						
Vinyl chloride			1.9E-12	2.3E-13		2.1E-12
Grand Total	1.2E-06	1.4E-06	3.8E-06	2.3E-08	1.7E-09	6.4E-06

Table H-562 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			4.2E-05	5.2E-06		4.7E-05
Aldehydes						
Acetaldehyde			1.6E-04	2.0E-05		1.8E-04
Formaldehyde			3.3E-01	7.9E-06		3.3E-01
Propionaldehyde			2.0E-05	2.5E-06	2.1E-12	2.2E-05
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-562 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	5.2E-08	2.0E-07	1.3E-06	1.6E-07	1.2E-10	1.7E-06
2,3,7,8-TCDF						
OCDD						
OCDF						
HCN						
Hydrogen cyanide			2.0E-04	2.5E-05		2.2E-04
Metals						
Aluminum		1.0E-02			1.0E-04	1.0E-02
Antimony		9.4E-04				9.4E-04
Arsenic	1.2E-03	2.8E-03	4.0E-05	4.9E-06	4.6E-06	4.1E-03
Barium		1.6E-08	2.5E-04	3.1E-05	3.1E-10	2.8E-04
Beryllium		5.2E-13	2.1E-06	2.7E-07	2.6E-15	2.4E-06
Cadmium		8.2E-13	7.6E-05	9.5E-06	4.0E-15	8.5E-05
Chromium		5.5E-11				5.5E-11
Cobalt		8.8E-02	1.6E-03	2.0E-04	2.2E-04	9.0E-02
Copper		8.4E-09				8.4E-09
Iron		3.2E-02				3.2E-02
Lead						
Manganese						
Mercury (+2)		1.1E-10	7.8E-08	9.8E-09	5.6E-15	8.8E-08

Table H-562 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental			3.3E-10	4.1E-11	1.1E-02	1.1E-02
Methyl Mercury		2.0E-11				2.0E-11
Nickel		2.8E-02	3.9E-05	4.8E-06	3.0E-04	2.8E-02
Phosphorus		3.7E-10				3.7E-10
Selenium		8.1E-15	8.7E-09	1.1E-09	9.9E-20	9.8E-09
Silver		1.7E-10				1.7E-10
Titanium						
Zinc		6.1E-13				6.1E-13
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.4E-15	3.1E-15				6.5E-15
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	5.8E-14	5.2E-14				1.1E-13
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						
Benzo(e)pyrene						

Table H-562 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
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Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						
Biphenyl		6.7E-15	2.8E-04	3.5E-05	4.9E-12	3.1E-04
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	1.7E-12	1.5E-12				3.2E-12
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene			5.0E-05	6.2E-06		5.6E-05
Perylene						
Phenanthrene						
Pyrene	8.3E-12	7.6E-12				1.6E-11
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	9.3E-12	7.8E-12				1.7E-11
Heptachlorobiphenyl	3.7E-12	3.2E-12	9.8E-10	1.2E-10	2.5E-15	1.1E-09
Hexachlorobiphenyl	1.7E-11	1.4E-11	4.1E-06	5.1E-07	1.1E-11	4.6E-06
Monochlorobiphenyl	6.4E-11	5.4E-11				1.2E-10
Nonachlorobiphenyl	6.6E-13	5.6E-13				1.2E-12
Octachlorobiphenyl	1.2E-12	1.0E-12				2.2E-12

Table H-562 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Pentachlorobiphenyl	6.1E-11	5.1E-11	4.6E-05	5.7E-06	1.3E-10	5.1E-05
Tetrachlorobiphenyl	3.5E-12	3.0E-12	2.3E-07	2.9E-08	1.5E-13	2.6E-07
Trichlorobiphenyl	4.3E-12	3.6E-12				7.8E-12
Pesticides						
Chlordecone (Kepone)	4.2E-03	5.0E-03				9.2E-03
DDE						
SVOCs						
1,2,4-trichlorobenzene			1.3E-07	1.7E-08		1.5E-07
1,2-dichlorobenzene			5.4E-10	6.8E-11		6.1E-10
1,3-Butadiene			1.1E-02			1.1E-02
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.9E-09	2.4E-10		2.1E-09
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			9.3E-08	1.2E-08		1.0E-07
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-10	4.0E-10				7.4E-10
Butyl benzyl phthalate	1.6E-14	1.9E-14				3.6E-14

Table H-562 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbazole						
Dibenzofuran	1.4E-13	5.7E-13				7.1E-13
Dimethyl phthalate						
Di-n-butyl phthalate	3.3E-14	3.9E-14				7.1E-14
Di-n-octyl phthalate	9.4E-13	1.1E-12				2.1E-12
Hexachlorobutadiene						
Isopropanol			1.7E-03			1.7E-03
Phenol			1.5E-06	1.9E-07		1.7E-06
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			2.7E-11	3.3E-12		3.0E-11
1,1-Dichloroethene			1.3E-10	1.6E-11		1.5E-10
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.6E-07	4.5E-08		4.1E-07
1,2,4-Trimethylbenzene			8.9E-07	1.1E-07		1.0E-06
1,2-Dibromoethane			7.7E-09	9.6E-10		8.6E-09
1,2-Dichloroethane			4.0E-07	1.4E-04		1.4E-04
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone			6.6E-09	8.3E-10		7.4E-09

Table H-562 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
2-Chlorotoluene						
2-Hexanone			2.3E-07	2.8E-08		2.5E-07
Benzene			2.8E-03	3.2E-04		3.1E-03
Bromobenzene			6.2E-07	7.8E-08		7.0E-07
Bromochloromethane			2.2E-09	2.8E-10		2.5E-09
Bromodichloromethane						
Bromomethane			7.6E-07	9.5E-08		8.6E-07
Carbon disulfide			4.8E-09	6.0E-10		5.4E-09
Carbon tetrachloride			1.5E-03	1.5E-04		1.6E-03
Chlorobenzene			9.6E-08	1.2E-08		1.1E-07
Chlorodibromomethane						
Chloroethane			9.1E-10	1.1E-10		1.0E-09
Chloroform			2.2E-04	2.4E-05		2.5E-04
Chloromethane			3.4E-07	4.3E-08		3.9E-07
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			5.1E-08	6.4E-09		5.7E-08
Dichlorodifluoromethane			2.5E-09	3.1E-10		2.8E-09
Ethylbenzene			2.7E-05	2.4E-08		2.7E-05
Isopropylbenzene			3.9E-08	4.9E-09		4.4E-08
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.2E-10	1.5E-11		1.3E-10
Methylene chloride			3.0E-08	3.8E-09		3.4E-08

Table H-562 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene			9.4E-09	1.2E-09		1.1E-08
o-Xylene			2.3E-07	2.9E-08		2.6E-07
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			5.1E-07	6.4E-08		5.7E-07
tert-Butylbenzene						
Tetrachloroethene			3.0E-09	3.8E-10		3.4E-09
Toluene			6.3E-08	7.9E-09		7.1E-08
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			3.6E-09	4.5E-10		4.1E-09
Trichlorofluoromethane						
Vinyl chloride			5.0E-08	6.2E-09		5.6E-08
Grand Total	5.4E-03	1.7E-01	3.5E-01	1.0E-03	1.2E-02	5.3E-01

Table H-563 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						2.7E-10	6.3E-10	3.4E-11	3.4E-11			9.7E-10
Formaldehyde						3.6E-06	1.6E-09	8.6E-11	8.6E-11			3.6E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.0E-16	8.4E-14	1.2E-13	3.3E-13	9.2E-13	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.7E-18	2.9E-17	1.0E-10
1,2,3,4,6,7,8-HpCDF	9.9E-17	8.5E-14	1.2E-13	3.3E-13	9.3E-13	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.8E-18	2.9E-17	1.0E-10
1,2,3,4,7,8,9-HpCDF	1.6E-17	9.7E-15	1.4E-14	3.8E-14	1.1E-13	3.5E-12	8.2E-12	4.4E-13	4.4E-13	5.5E-19	3.4E-18	1.3E-11
1,2,3,4,7,8-HxCDD	1.2E-15	9.5E-14	1.3E-13	3.7E-13	1.0E-12	3.3E-11	7.6E-11	4.1E-12	4.1E-12	5.4E-18	3.3E-17	1.2E-10
1,2,3,4,7,8-HxCDF	8.4E-15	7.6E-13	1.1E-12	3.0E-12	8.3E-12	2.7E-10	6.2E-10	3.4E-11	3.4E-11	4.3E-17	2.6E-16	9.7E-10
1,2,3,6,7,8-HxCDD	2.4E-15	1.9E-13	2.7E-13	7.6E-13	2.1E-12	7.0E-11	1.6E-10	8.7E-12	8.7E-12	1.1E-17	6.7E-17	2.5E-10
1,2,3,6,7,8-HxCDF	3.1E-15	2.5E-13	3.5E-13	9.7E-13	2.7E-12	8.7E-11	2.0E-10	1.1E-11	1.1E-11	1.4E-17	8.6E-17	3.2E-10
1,2,3,7,8,9-HxCDD	3.3E-15	3.1E-13	4.3E-13	1.2E-12	3.4E-12	1.1E-10	2.4E-10	1.3E-11	1.3E-11	1.7E-17	1.1E-16	3.8E-10
1,2,3,7,8,9-HxCDF	2.7E-16	1.8E-14	2.5E-14	7.0E-14	1.9E-13	6.7E-12	1.5E-11	8.4E-13	8.4E-13	1.0E-18	6.1E-18	2.4E-11
1,2,3,7,8-PeCDD	7.7E-14	1.1E-12	1.5E-12	4.2E-12	1.2E-11	4.2E-10	9.7E-10	5.3E-11	5.3E-11	6.1E-17	3.7E-16	1.5E-09
1,2,3,7,8-PeCDF	5.4E-15	6.3E-14	8.8E-14	2.5E-13	7.0E-13	3.0E-11	6.9E-11	3.7E-12	3.7E-12	3.6E-18	2.2E-17	1.1E-10
2,3,4,6,7,8-HxCDF	4.5E-15	3.9E-13	5.4E-13	1.5E-12	4.3E-12	1.4E-10	3.1E-10	1.7E-11	1.7E-11	2.2E-17	1.3E-16	4.9E-10
2,3,4,7,8-PeCDF	8.3E-14	1.5E-12	2.1E-12	6.0E-12	1.7E-11	6.7E-10	1.6E-09	8.4E-11	8.4E-11	8.5E-17	5.3E-16	2.4E-09
2,3,7,8-TCDD	2.7E-14	2.2E-13	3.1E-13	8.7E-13	2.4E-12	1.7E-10	3.9E-10	2.1E-11	2.1E-11	8.7E-15	5.3E-14	6.0E-10
2,3,7,8-TCDF	8.8E-15	4.0E-14	5.6E-14	1.6E-13	4.4E-13	6.2E-11	1.4E-10	7.8E-12	7.8E-12	2.3E-18	1.4E-17	2.2E-10
OCDD	1.4E-20	5.7E-16	7.9E-16	2.2E-15	6.2E-15	1.8E-13	4.2E-13	2.3E-14	2.3E-14	3.2E-20	2.0E-19	6.6E-13
OCDF	5.0E-21	2.2E-16	3.1E-16	8.6E-16	2.4E-15	6.9E-14	1.6E-13	8.6E-15	8.6E-15	1.2E-20	7.6E-20	2.5E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-563 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.0E-16	4.6E-08	3.0E-08	1.1E-07	1.4E-07	2.2E-10	5.1E-10	2.7E-11	2.7E-11	2.6E-11	7.2E-11	3.3E-07
Barium												
Beryllium						8.8E-12	2.0E-11	1.1E-12	1.1E-12	1.1E-20	6.5E-20	3.1E-11
Cadmium						1.2E-10	2.7E-10	1.5E-11	1.5E-11	6.2E-21	3.8E-20	4.2E-10
Chromium												
Cobalt						7.6E-09	1.8E-08	9.5E-10	9.5E-10	1.0E-09	3.1E-09	3.1E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						7.7E-11	1.8E-10	9.7E-12	9.7E-12	6.1E-10	1.7E-09	2.6E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		5.9E-19	8.3E-19	5.4E-19	1.5E-18							3.5E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	3.8E-13	1.4E-09	3.2E-08	1.3E-09	5.8E-08	2.8E-11	6.5E-11	3.5E-12	3.5E-12	2.9E-12	1.8E-11	9.3E-08
Benzo(a)pyrene	1.9E-12	1.6E-08	3.5E-07	1.5E-08	6.4E-07	1.1E-10	2.6E-10	1.4E-11	1.4E-11	1.1E-13	1.0E-11	1.0E-06
Benzo(b)fluoranthene	5.2E-14	2.9E-09	4.9E-08	2.7E-09	9.0E-08	1.2E-11	2.9E-11	1.5E-12	1.5E-12	2.0E-14	1.5E-12	1.4E-07
Benzo(e)pyrene												

Table H-563 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	3.8E-17	2.2E-10	2.5E-09	2.0E-10	4.5E-09	1.1E-13	2.5E-13	1.4E-14	1.4E-14	1.5E-14	7.4E-13	7.4E-09
Biphenyl				2.3E-18	6.4E-18							8.7E-18
Chrysene	6.6E-16	1.7E-11	3.6E-10	1.6E-11	6.5E-10	4.8E-12	1.1E-11	6.0E-13	6.0E-13	1.1E-15	1.1E-13	1.1E-09
Dibenze(a,h)anthracene	9.3E-14	1.7E-13	8.7E-08	1.5E-13	1.6E-07	1.9E-11	4.4E-11	2.4E-12	2.4E-12	1.2E-18	2.8E-12	2.5E-07
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	2.3E-14	7.1E-10	2.3E-08	6.4E-10	4.1E-08	5.8E-12	1.3E-11	7.3E-13	7.3E-13	4.7E-15	6.7E-13	6.6E-08
Napthalene						4.3E-10	1.0E-09	5.4E-11	5.4E-11			1.5E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	3.6E-17	2.1E-18	3.0E-18	1.8E-18	5.0E-18	1.6E-13	3.7E-13	2.0E-14	2.0E-14	4.8E-20	2.9E-19	5.7E-13
Heptachlorobiphenyl	3.9E-17	6.9E-18	9.7E-18	5.9E-18	1.6E-17	6.2E-14	1.4E-13	7.7E-15	7.7E-15	8.5E-20	5.2E-19	2.2E-13
Hexachlorobiphenyl	1.6E-16	3.1E-17	4.4E-17	2.6E-17	7.4E-17	2.6E-13	6.0E-13	3.3E-14	3.3E-14	3.8E-19	2.4E-18	9.3E-13
Monochlorobiphenyl	2.5E-16	1.5E-17	2.1E-17	1.2E-17	3.5E-17	1.1E-12	2.6E-12	1.4E-13	1.4E-13	3.3E-19	2.0E-18	4.0E-12
Nonachlorobiphenyl	4.9E-18	1.2E-18	1.7E-18	1.0E-18	2.9E-18	8.8E-15	2.0E-14	1.1E-15	1.1E-15	1.5E-20	9.2E-20	3.1E-14
Octachlorobiphenyl	1.2E-17	2.3E-18	3.1E-18	1.9E-18	5.3E-18	1.9E-14	4.4E-14	2.4E-15	2.4E-15	2.8E-20	1.7E-19	6.8E-14
Pentachlorobiphenyl	5.3E-16	1.1E-16	1.6E-16	9.5E-17	2.7E-16	8.9E-13	2.1E-12	1.1E-13	1.1E-13	1.4E-18	8.5E-18	3.2E-12
Tetrachlorobiphenyl	1.1E-17	8.1E-19	1.1E-18	6.8E-19	1.9E-18	5.2E-14	1.2E-13	6.5E-15	6.5E-15	1.8E-20	1.1E-19	1.8E-13
Trichlorobiphenyl	1.4E-17	9.7E-19	1.4E-18	8.2E-19	2.3E-18	6.5E-14	1.5E-13	8.2E-15	8.2E-15	2.2E-20	1.4E-19	2.3E-13
Pesticides												
Chlordecone (Kepone)		1.1E-06		1.3E-06						2.9E-11		2.4E-06
DDE				6.0E-09	6.4E-09					5.4E-11	3.3E-10	1.3E-08
Dieldrin			1.4E-08		3.2E-08						1.0E-12	4.6E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene						5.6E-08						5.6E-08
1,3-dichlorobenzene												

Table H-563 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,4-dichlorobenzene	4.3E-20					1.4E-12	3.3E-12	1.8E-13	1.8E-13			5.1E-12
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	5.9E-16	8.0E-15	1.1E-14	9.5E-15	2.7E-14	3.9E-11	9.0E-11	4.9E-12	4.9E-12	8.0E-20	4.9E-19	1.4E-10
Butyl benzyl phthalate	2.9E-17	5.3E-19	7.4E-19	6.3E-19	1.8E-18							3.2E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	4.5E-17					8.4E-11	1.9E-10	1.0E-11	1.0E-11			3.0E-10
Isopropanol												
p-Chloroaniline			5.6E-09		1.3E-08							1.9E-08
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	6.0E-21					8.6E-14	2.0E-13	1.1E-14	1.1E-14			3.0E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	2.8E-18											2.8E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	6.4E-20					3.6E-12	8.2E-12	4.4E-13	4.4E-13			1.3E-11
1,2-Dichloroethane	9.1E-20					6.2E-12	9.8E-08	2.2E-09	2.2E-09			1.0E-07
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												

Table H-563 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Butanone												
2-Chlorotoluene												
2-Hexanone												
Benzene	9.3E-18					5.6E-08	1.8E-07	6.5E-09	6.5E-09			2.5E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	1.7E-21					3.0E-13	1.1E-06	3.8E-14	3.8E-14			1.1E-06
Bromoform							1.4E-07					1.4E-07
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	8.1E-22					7.6E-08	2.0E-07	7.9E-09	7.9E-09			2.9E-07
Chlorobenzene												
Chlorodibromomethane	1.3E-19											1.3E-19
Chloroethane												
Chloroform	7.5E-21					4.3E-08	1.6E-06	4.7E-09	4.7E-09			1.6E-06
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	1.4E-18					5.9E-09	4.7E-08	5.2E-12	5.2E-12			5.3E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	4.4E-21					1.5E-14	3.6E-14	1.9E-15	1.9E-15			5.5E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	1.2E-22					2.7E-15	6.2E-15	3.4E-16	3.4E-16			9.6E-15
Toluene												

Table H-563 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	2.7E-23					2.6E-15	1.6E-07	3.2E-16	3.2E-16			1.6E-07
Trichlorofluoromethane												
Vinyl chloride	3.0E-20					1.9E-12	4.3E-12	2.3E-13	2.3E-13			6.6E-12
Grand Total	2.7E-12	1.2E-06	5.9E-07	1.4E-06	1.2E-06	3.8E-06	3.5E-06	2.3E-08	2.3E-08	1.7E-09	5.2E-09	1.2E-05

Table H-564 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					3.3E-01	1.5E-04	7.9E-06	7.9E-06			3.3E-01
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.0E-02	2.0E-02					1.0E-04	4.2E-04	3.0E-02
Antimony	3.9E-14			9.4E-04	3.6E-03							4.5E-03

Table H-564 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	1.2E-03	7.7E-04	2.8E-03	3.6E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	4.6E-06	1.3E-05	8.6E-03
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt				8.8E-02	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.2E-04	6.6E-04	2.2E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				3.2E-02	5.4E-02							8.6E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.1E-02	6.8E-02	7.9E-02
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.8E-02	3.5E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.0E-04	8.5E-04	6.5E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Thallium (Soluble Salts)					1.7E-02							1.7E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-564 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
Chlordecone (Kepone)		4.2E-03		5.0E-03								9.2E-03
DDE												
Dieldrin			2.0E-04		4.7E-04							6.7E-04
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.1E-02						1.1E-02
1,3-dichlorobenzene												

Table H-564 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.7E-03	1.1E-02					1.3E-02
p-Chloroaniline			8.2E-05		1.9E-04							2.8E-04
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	6.3E-03	1.4E-04	1.4E-04			6.5E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												

Table H-564 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.8E-03	9.0E-03	3.2E-04	3.2E-04			1.2E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromoform												
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.5E-03	3.9E-03	1.5E-04	1.5E-04			5.7E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					2.2E-04	8.1E-03	2.4E-05	2.4E-05			8.3E-03
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					2.7E-05	2.2E-04	2.4E-08	2.4E-08			2.5E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07

Table H-564 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					3.6E-09	2.2E-01	4.5E-10	4.5E-10			2.2E-01
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	4.8E-09	5.4E-03	1.0E-03	1.7E-01	2.6E-01	3.5E-01	2.7E-01	1.0E-03	1.0E-03	1.2E-02	6.9E-02	1.1E+00

Table H-565 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						2.7E-10	6.3E-10	3.4E-11	3.4E-11			9.7E-10
Formaldehyde						3.6E-06	4.4E-05	8.6E-11	8.6E-11			4.8E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.0E-16	8.4E-14	1.2E-13	3.3E-13	9.2E-13	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.7E-18	2.9E-17	1.0E-10
1,2,3,4,6,7,8-HpCDF	9.9E-17	8.5E-14	1.2E-13	3.3E-13	9.3E-13	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.8E-18	2.9E-17	1.0E-10
1,2,3,4,7,8,9-HpCDF	1.6E-17	9.7E-15	1.4E-14	3.8E-14	1.1E-13	3.5E-12	8.2E-12	4.4E-13	4.4E-13	5.5E-19	3.4E-18	1.3E-11
1,2,3,4,7,8-HxCDD	1.2E-15	9.5E-14	1.3E-13	3.7E-13	1.0E-12	3.3E-11	7.6E-11	4.1E-12	4.1E-12	5.4E-18	3.3E-17	1.2E-10
1,2,3,4,7,8-HxCDF	8.4E-15	7.6E-13	1.1E-12	3.0E-12	8.3E-12	2.7E-10	6.2E-10	3.4E-11	3.4E-11	4.3E-17	2.6E-16	9.7E-10
1,2,3,6,7,8-HxCDD	2.4E-15	1.9E-13	2.7E-13	7.6E-13	2.1E-12	7.0E-11	1.6E-10	8.7E-12	8.7E-12	1.1E-17	6.7E-17	2.5E-10
1,2,3,6,7,8-HxCDF	3.1E-15	2.5E-13	3.5E-13	9.7E-13	2.7E-12	8.7E-11	2.0E-10	1.1E-11	1.1E-11	1.4E-17	8.6E-17	3.2E-10
1,2,3,7,8,9-HxCDD	3.3E-15	3.1E-13	4.3E-13	1.2E-12	3.4E-12	1.1E-10	2.4E-10	1.3E-11	1.3E-11	1.7E-17	1.1E-16	3.8E-10
1,2,3,7,8,9-HxCDF	2.7E-16	1.8E-14	2.5E-14	7.0E-14	1.9E-13	6.7E-12	1.5E-11	8.4E-13	8.4E-13	1.0E-18	6.1E-18	2.4E-11
1,2,3,7,8-PeCDD	7.7E-14	1.1E-12	1.5E-12	4.2E-12	1.2E-11	4.2E-10	9.7E-10	5.3E-11	5.3E-11	6.1E-17	3.7E-16	1.5E-09
1,2,3,7,8-PeCDF	5.4E-15	6.3E-14	8.8E-14	2.5E-13	7.0E-13	3.0E-11	6.9E-11	3.7E-12	3.7E-12	3.6E-18	2.2E-17	1.1E-10
2,3,4,6,7,8-HxCDF	4.5E-15	3.9E-13	5.4E-13	1.5E-12	4.3E-12	1.4E-10	3.1E-10	1.7E-11	1.7E-11	2.2E-17	1.3E-16	4.9E-10
2,3,4,7,8-PeCDF	8.3E-14	1.5E-12	2.1E-12	6.0E-12	1.7E-11	6.7E-10	1.6E-09	8.4E-11	8.4E-11	8.5E-17	5.3E-16	2.4E-09
2,3,7,8-TCDD	2.7E-14	2.2E-13	3.1E-13	8.7E-13	2.4E-12	1.7E-10	3.9E-10	2.1E-11	2.1E-11	8.7E-15	5.3E-14	6.0E-10
2,3,7,8-TCDF	8.8E-15	4.0E-14	5.6E-14	1.6E-13	4.4E-13	6.2E-11	1.4E-10	7.8E-12	7.8E-12	2.3E-18	1.4E-17	2.2E-10
OCDD	1.4E-20	5.7E-16	7.9E-16	2.2E-15	6.2E-15	1.8E-13	4.2E-13	2.3E-14	2.3E-14	3.2E-20	2.0E-19	6.6E-13
OCDF	5.0E-21	2.2E-16	3.1E-16	8.6E-16	2.4E-15	6.9E-14	1.6E-13	8.6E-15	8.6E-15	1.2E-20	7.6E-20	2.5E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-565 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.0E-16	4.6E-08	5.9E-08	1.1E-07	2.8E-07	2.2E-10	5.1E-10	2.7E-11	2.7E-11	2.6E-11	1.4E-10	4.9E-07
Barium												
Beryllium						8.8E-12	2.0E-11	1.1E-12	1.1E-12	1.1E-20	6.5E-20	3.1E-11
Cadmium						1.2E-10	2.7E-10	1.5E-11	1.5E-11	6.2E-21	3.8E-20	4.2E-10
Chromium												
Cobalt						7.6E-09	1.8E-08	9.5E-10	9.5E-10	1.0E-09	3.1E-09	3.1E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						7.7E-11	1.8E-10	9.7E-12	9.7E-12	6.1E-10	1.9E-09	2.8E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		5.9E-19	8.3E-19	5.4E-19	1.5E-18							3.5E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	3.8E-13	1.4E-09	1.4E-13	1.3E-09	2.6E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	2.9E-12	1.8E-11	2.8E-09
Benzo(a)pyrene	1.9E-12	1.6E-08	6.7E-13	1.5E-08	1.2E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	1.1E-13	2.0E-17	3.1E-08
Benzo(b)fluoranthene	5.2E-14	2.9E-09	3.9E-15	2.7E-09	7.0E-15	1.2E-11	2.9E-11	1.5E-12	1.5E-12	2.0E-14	1.1E-19	5.6E-09
Benzo(e)pyrene												

Table H-565 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	3.8E-17	2.2E-10	4.0E-16	2.0E-10	7.2E-16	1.1E-13	2.5E-13	1.4E-14	1.4E-14	1.5E-14	1.2E-19	4.2E-10
Biphenyl				2.3E-18	6.4E-18							8.7E-18
Chrysene	6.6E-16	1.7E-11	1.8E-15	1.6E-11	3.3E-15	4.8E-12	1.1E-11	6.0E-13	6.0E-13	1.1E-15	5.4E-19	5.0E-11
Dibenze(a,h)anthracene	9.3E-14	1.7E-13	2.3E-13	1.5E-13	4.2E-13	1.9E-11	4.4E-11	2.4E-12	2.4E-12	1.2E-18	7.5E-18	6.9E-11
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	2.3E-14	7.1E-10	6.6E-14	6.4E-10	1.2E-13	5.8E-12	1.3E-11	7.3E-13	7.3E-13	4.7E-15	2.0E-18	1.4E-09
Napthalene						4.3E-10	1.0E-09	5.4E-11	5.4E-11			1.5E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	3.6E-17	2.1E-18	3.0E-18	1.8E-18	5.0E-18	1.6E-13	3.7E-13	2.0E-14	2.0E-14	4.8E-20	2.9E-19	5.7E-13
Heptachlorobiphenyl	3.9E-17	6.9E-18	9.7E-18	5.9E-18	1.6E-17	6.2E-14	1.4E-13	7.7E-15	7.7E-15	8.5E-20	5.2E-19	2.2E-13
Hexachlorobiphenyl	1.6E-16	3.1E-17	4.4E-17	2.6E-17	7.4E-17	2.6E-13	6.0E-13	3.3E-14	3.3E-14	3.8E-19	2.4E-18	9.3E-13
Monochlorobiphenyl	2.5E-16	1.5E-17	2.1E-17	1.2E-17	3.5E-17	1.1E-12	2.6E-12	1.4E-13	1.4E-13	3.3E-19	2.0E-18	4.0E-12
Nonachlorobiphenyl	4.9E-18	1.2E-18	1.7E-18	1.0E-18	2.9E-18	8.8E-15	2.0E-14	1.1E-15	1.1E-15	1.5E-20	9.2E-20	3.1E-14
Octachlorobiphenyl	1.2E-17	2.3E-18	3.1E-18	1.9E-18	5.3E-18	1.9E-14	4.4E-14	2.4E-15	2.4E-15	2.8E-20	1.7E-19	6.8E-14
Pentachlorobiphenyl	5.3E-16	1.1E-16	1.6E-16	9.5E-17	2.7E-16	8.9E-13	2.1E-12	1.1E-13	1.1E-13	1.4E-18	8.5E-18	3.2E-12
Tetrachlorobiphenyl	1.1E-17	8.1E-19	1.1E-18	6.8E-19	1.9E-18	5.2E-14	1.2E-13	6.5E-15	6.5E-15	1.8E-20	1.1E-19	1.8E-13
Trichlorobiphenyl	1.4E-17	9.7E-19	1.4E-18	8.2E-19	2.3E-18	6.5E-14	1.5E-13	8.2E-15	8.2E-15	2.2E-20	1.4E-19	2.3E-13
Pesticides												
Chlordecone (Kepone)		1.1E-06		1.3E-06						2.9E-11		2.4E-06
DDE				6.0E-09	2.3E-09					5.4E-11	3.3E-10	8.6E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene						5.6E-08						5.6E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	4.3E-20					1.4E-12	3.3E-12	1.8E-13	1.8E-13			5.1E-12

Table H-565 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	5.9E-16	8.0E-15	1.1E-14	9.5E-15	2.7E-14	3.9E-11	9.0E-11	4.9E-12	4.9E-12	8.0E-20	4.9E-19	1.4E-10
Butyl benzyl phthalate	2.9E-17	5.3E-19	7.4E-19	6.3E-19	1.8E-18							3.2E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	4.5E-17					8.4E-11	1.9E-10	1.0E-11	1.0E-11			3.0E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	6.0E-21					8.6E-14	2.0E-13	1.1E-14	1.1E-14			3.0E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	2.8E-18											2.8E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	6.4E-20					3.6E-12	8.2E-12	4.4E-13	4.4E-13			1.3E-11
1,2-Dichloroethane	9.1E-20					6.2E-12	1.4E-11	2.2E-09	2.2E-09			4.5E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												

Table H-565 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone												
Benzene	9.3E-18					5.6E-08	1.3E-09	6.5E-09	6.5E-09			7.1E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	1.7E-21					3.0E-13	7.0E-13	3.8E-14	3.8E-14			1.1E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	8.1E-22					7.6E-08	2.6E-13	7.9E-09	7.9E-09			9.2E-08
Chlorobenzene												
Chlorodibromomethane	1.3E-19											1.3E-19
Chloroethane												
Chloroform	7.5E-21					4.3E-08	8.9E-12	4.7E-09	4.7E-09			5.2E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	1.4E-18					5.9E-09	9.7E-11	5.2E-12	5.2E-12			6.0E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	4.4E-21					1.5E-14	3.6E-14	1.9E-15	1.9E-15			5.5E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	1.2E-22					2.7E-15	6.2E-15	3.4E-16	3.4E-16			9.6E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	2.7E-23					2.6E-15	5.9E-15	3.2E-16	3.2E-16			9.1E-15

Table H-565 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane												
Vinyl chloride	3.0E-20					1.9E-12	4.3E-12	2.3E-13	2.3E-13			6.6E-12
Grand Total	2.7E-12	1.2E-06	5.9E-08	1.4E-06	2.8E-07	3.8E-06	4.4E-05	2.3E-08	2.3E-08	1.7E-09	5.5E-09	5.1E-05

Table H-566 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					3.3E-01	4.0E+00	7.9E-06	7.9E-06			4.4E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.0E-02	2.4E-02					1.0E-04	5.1E-04	3.5E-02
Antimony	3.9E-14			9.4E-04	1.2E-03							2.1E-03

Table H-566 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	1.2E-03	1.5E-03	2.8E-03	7.2E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	4.6E-06	2.6E-05	1.3E-02
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt				8.8E-02	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.2E-04	6.7E-04	2.2E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				3.2E-02	5.7E-02							8.9E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.1E-02	6.8E-02	7.9E-02
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.8E-02	4.0E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.0E-04	9.5E-04	6.9E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Thallium (Soluble Salts)					1.4E-02							1.4E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-566 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
Chlordecone (Kepone)		4.2E-03		5.0E-03								9.2E-03
DDE												
SVOCs												
1,2,4-trichlorobenzene								1.3E-07	3.1E-07	1.7E-08	1.7E-08	4.8E-07
1,2-dichlorobenzene	3.1E-17							5.4E-10	1.3E-09	6.8E-11	6.8E-11	1.9E-09
1,3-Butadiene								1.1E-02				1.1E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15							1.9E-09	4.4E-09	2.4E-10	2.4E-10	6.8E-09

Table H-566 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.7E-03						1.7E-03
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	9.1E-07	1.4E-04	1.4E-04			2.9E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												

Table H-566 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.8E-03	6.7E-05	3.2E-04	3.2E-04			3.5E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.5E-03	5.0E-09	1.5E-04	1.5E-04			1.8E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					2.2E-04	4.6E-08	2.4E-05	2.4E-05			2.7E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					2.7E-05	4.5E-07	2.4E-08	2.4E-08			2.8E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					3.6E-09	8.4E-09	4.5E-10	4.5E-10			1.3E-08

Table H-566 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	4.8E-09	5.4E-03	1.5E-03	1.7E-01	2.7E-01	3.5E-01	4.0E+00	1.0E-03	1.0E-03	1.2E-02	7.0E-02	4.9E+00

Table H-567 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						2.7E-10	6.3E-10	3.4E-11	3.4E-11			9.7E-10
Formaldehyde						3.6E-06	3.0E-05	8.6E-11	8.6E-11			3.4E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.0E-16	8.4E-14	1.2E-13	3.3E-13	9.2E-13	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.7E-18	2.9E-17	1.0E-10
1,2,3,4,6,7,8-HpCDF	9.9E-17	8.5E-14	1.2E-13	3.3E-13	9.3E-13	2.8E-11	6.4E-11	3.5E-12	3.5E-12	4.8E-18	2.9E-17	1.0E-10
1,2,3,4,7,8,9-HpCDF	1.6E-17	9.7E-15	1.4E-14	3.8E-14	1.1E-13	3.5E-12	8.2E-12	4.4E-13	4.4E-13	5.5E-19	3.4E-18	1.3E-11
1,2,3,4,7,8-HxCDD	1.2E-15	9.5E-14	1.3E-13	3.7E-13	1.0E-12	3.3E-11	7.6E-11	4.1E-12	4.1E-12	5.4E-18	3.3E-17	1.2E-10
1,2,3,4,7,8-HxCDF	8.4E-15	7.6E-13	1.1E-12	3.0E-12	8.3E-12	2.7E-10	6.2E-10	3.4E-11	3.4E-11	4.3E-17	2.6E-16	9.7E-10
1,2,3,6,7,8-HxCDD	2.4E-15	1.9E-13	2.7E-13	7.6E-13	2.1E-12	7.0E-11	1.6E-10	8.7E-12	8.7E-12	1.1E-17	6.7E-17	2.5E-10
1,2,3,6,7,8-HxCDF	3.1E-15	2.5E-13	3.5E-13	9.7E-13	2.7E-12	8.7E-11	2.0E-10	1.1E-11	1.1E-11	1.4E-17	8.6E-17	3.2E-10
1,2,3,7,8,9-HxCDD	3.3E-15	3.1E-13	4.3E-13	1.2E-12	3.4E-12	1.1E-10	2.4E-10	1.3E-11	1.3E-11	1.7E-17	1.1E-16	3.8E-10
1,2,3,7,8,9-HxCDF	2.7E-16	1.8E-14	2.5E-14	7.0E-14	1.9E-13	6.7E-12	1.5E-11	8.4E-13	8.4E-13	1.0E-18	6.1E-18	2.4E-11
1,2,3,7,8-PeCDD	7.7E-14	1.1E-12	1.5E-12	4.2E-12	1.2E-11	4.2E-10	9.7E-10	5.3E-11	5.3E-11	6.1E-17	3.7E-16	1.5E-09
1,2,3,7,8-PeCDF	5.4E-15	6.3E-14	8.8E-14	2.5E-13	7.0E-13	3.0E-11	6.9E-11	3.7E-12	3.7E-12	3.6E-18	2.2E-17	1.1E-10
2,3,4,6,7,8-HxCDF	4.5E-15	3.9E-13	5.4E-13	1.5E-12	4.3E-12	1.4E-10	3.1E-10	1.7E-11	1.7E-11	2.2E-17	1.3E-16	4.9E-10
2,3,4,7,8-PeCDF	8.3E-14	1.5E-12	2.1E-12	6.0E-12	1.7E-11	6.7E-10	1.6E-09	8.4E-11	8.4E-11	8.5E-17	5.3E-16	2.4E-09
2,3,7,8-TCDD	2.7E-14	2.2E-13	3.1E-13	8.7E-13	2.4E-12	1.7E-10	3.9E-10	2.1E-11	2.1E-11	8.7E-15	5.3E-14	6.0E-10
2,3,7,8-TCDF	8.8E-15	4.0E-14	5.6E-14	1.6E-13	4.4E-13	6.2E-11	1.4E-10	7.8E-12	7.8E-12	2.3E-18	1.4E-17	2.2E-10
OCDD	1.4E-20	5.7E-16	7.9E-16	2.2E-15	6.2E-15	1.8E-13	4.2E-13	2.3E-14	2.3E-14	3.2E-20	2.0E-19	6.6E-13
OCDF	5.0E-21	2.2E-16	3.1E-16	8.6E-16	2.4E-15	6.9E-14	1.6E-13	8.6E-15	8.6E-15	1.2E-20	7.6E-20	2.5E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-567 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.0E-16	4.6E-08	2.3E-08	1.1E-07	1.1E-07	2.2E-10	5.1E-10	2.7E-11	2.7E-11	2.6E-11	5.7E-11	2.9E-07
Barium												
Beryllium						8.8E-12	2.0E-11	1.1E-12	1.1E-12	1.1E-20	6.5E-20	3.1E-11
Cadmium						1.2E-10	2.7E-10	1.5E-11	1.5E-11	6.2E-21	3.8E-20	4.2E-10
Chromium												
Cobalt						7.6E-09	1.8E-08	9.5E-10	9.5E-10	1.0E-09	5.3E-09	3.3E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						7.7E-11	1.8E-10	9.7E-12	9.7E-12	6.1E-10	3.2E-09	4.1E-09
Phosphorus												
Selenium												
Silver												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		5.9E-19	8.3E-19	5.4E-19	1.5E-18							3.5E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	3.8E-13	1.4E-09	1.4E-13	1.3E-09	2.6E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	2.9E-12	1.8E-11	2.8E-09
Benzo(a)pyrene	1.9E-12	1.6E-08	8.2E-08	1.5E-08	1.5E-07	1.1E-10	2.6E-10	1.4E-11	1.4E-11	1.1E-13	2.4E-12	2.6E-07
Benzo(b)fluoranthene	5.2E-14	2.9E-09	7.4E-09	2.7E-09	1.4E-08	1.2E-11	2.9E-11	1.5E-12	1.5E-12	2.0E-14	2.2E-13	2.7E-08
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-567 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene	3.8E-17	2.2E-10	4.0E-16	2.0E-10	7.2E-16	1.1E-13	2.5E-13	1.4E-14	1.4E-14	1.5E-14	1.2E-19	4.2E-10
Biphenyl				2.3E-18	6.4E-18							8.7E-18
Chrysene	6.6E-16	1.7E-11	1.8E-15	1.6E-11	3.3E-15	4.8E-12	1.1E-11	6.0E-13	6.0E-13	1.1E-15	5.4E-19	5.0E-11
Dibenze(a,h)anthracene	9.3E-14	1.7E-13	2.3E-13	1.5E-13	4.2E-13	1.9E-11	4.4E-11	2.4E-12	2.4E-12	1.2E-18	7.5E-18	6.9E-11
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	2.3E-14	7.1E-10	6.6E-14	6.4E-10	1.2E-13	5.8E-12	1.3E-11	7.3E-13	7.3E-13	4.7E-15	2.0E-18	1.4E-09
Napthalene						4.3E-10	1.0E-09	5.4E-11	5.4E-11			1.5E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	3.6E-17	2.1E-18	3.0E-18	1.8E-18	5.0E-18	1.6E-13	3.7E-13	2.0E-14	2.0E-14	4.8E-20	2.9E-19	5.7E-13
Heptachlorobiphenyl	3.9E-17	6.9E-18	9.7E-18	5.9E-18	1.6E-17	6.2E-14	1.4E-13	7.7E-15	7.7E-15	8.5E-20	5.2E-19	2.2E-13
Hexachlorobiphenyl	1.6E-16	3.1E-17	4.4E-17	2.6E-17	7.4E-17	2.6E-13	6.0E-13	3.3E-14	3.3E-14	3.8E-19	2.4E-18	9.3E-13
Monochlorobiphenyl	2.5E-16	1.5E-17	2.1E-17	1.2E-17	3.5E-17	1.1E-12	2.6E-12	1.4E-13	1.4E-13	3.3E-19	2.0E-18	4.0E-12
Nonachlorobiphenyl	4.9E-18	1.2E-18	1.7E-18	1.0E-18	2.9E-18	8.8E-15	2.0E-14	1.1E-15	1.1E-15	1.5E-20	9.2E-20	3.1E-14
Octachlorobiphenyl	1.2E-17	2.3E-18	3.1E-18	1.9E-18	5.3E-18	1.9E-14	4.4E-14	2.4E-15	2.4E-15	2.8E-20	1.7E-19	6.8E-14
Pentachlorobiphenyl	5.3E-16	1.1E-16	1.6E-16	9.5E-17	2.7E-16	8.9E-13	2.1E-12	1.1E-13	1.1E-13	1.4E-18	8.5E-18	3.2E-12
Tetrachlorobiphenyl	1.1E-17	8.1E-19	1.1E-18	6.8E-19	1.9E-18	5.2E-14	1.2E-13	6.5E-15	6.5E-15	1.8E-20	1.1E-19	1.8E-13
Trichlorobiphenyl	1.4E-17	9.7E-19	1.4E-18	8.2E-19	2.3E-18	6.5E-14	1.5E-13	8.2E-15	8.2E-15	2.2E-20	1.4E-19	2.3E-13
Pesticides												
Chlordecone (Kepone)		1.1E-06		1.3E-06						2.9E-11		2.4E-06
DDE				6.0E-09	8.0E-09					5.4E-11	3.3E-10	1.4E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene						5.6E-08						5.6E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	4.3E-20					1.4E-12	3.3E-12	1.8E-13	1.8E-13			5.1E-12
2,4-Dimethylphenol												

Table H-567 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	5.9E-16	8.0E-15	1.1E-14	9.5E-15	2.7E-14	3.9E-11	9.0E-11	4.9E-12	4.9E-12	8.0E-20	4.9E-19	1.4E-10
Butyl benzyl phthalate	2.9E-17	5.3E-19	7.4E-19	6.3E-19	1.8E-18							3.2E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	4.5E-17					8.4E-11	1.9E-10	1.0E-11	1.0E-11			3.0E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	6.0E-21					8.6E-14	2.0E-13	1.1E-14	1.1E-14			3.0E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	2.8E-18											2.8E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	6.4E-20					3.6E-12	8.2E-12	4.4E-13	4.4E-13			1.3E-11
1,2-Dichloroethane	9.1E-20					6.2E-12	1.4E-11	2.2E-09	2.2E-09			4.5E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-567 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	9.3E-18					5.6E-08	1.3E-09	6.5E-09	6.5E-09			7.1E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	1.7E-21					3.0E-13	7.0E-13	3.8E-14	3.8E-14			1.1E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	8.1E-22					7.6E-08	2.6E-13	7.9E-09	7.9E-09			9.2E-08
Chlorobenzene												
Chlorodibromomethane	1.3E-19											1.3E-19
Chloroethane												
Chloroform	7.5E-21					4.3E-08	8.9E-12	4.7E-09	4.7E-09			5.2E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	1.4E-18					5.9E-09	9.7E-11	5.2E-12	5.2E-12			6.0E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	4.4E-21					1.5E-14	3.6E-14	1.9E-15	1.9E-15			5.5E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	1.2E-22					2.7E-15	6.2E-15	3.4E-16	3.4E-16			9.6E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	2.7E-23					2.6E-15	5.9E-15	3.2E-16	3.2E-16			9.1E-15
Trichlorofluoromethane												

Table H-567 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	3.0E-20					1.9E-12	4.3E-12	2.3E-13	2.3E-13			6.6E-12
Grand Total	2.7E-12	1.2E-06	1.1E-07	1.4E-06	2.8E-07	3.8E-06	3.0E-05	2.3E-08	2.3E-08	1.7E-09	8.9E-09	3.7E-05

Table H-568 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					3.3E-01	2.7E+00	7.9E-06	7.9E-06			3.1E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.3E-08	2.0E-07	5.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.2E-10	7.5E-10	5.5E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.0E-02	1.9E-02					1.0E-04	4.1E-04	3.0E-02
Antimony	3.9E-14			9.4E-04	4.2E-04							1.4E-03

Table H-568 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	1.2E-03	6.1E-04	2.8E-03	2.9E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	4.6E-06	1.0E-05	7.7E-03
Barium	1.2E-11			1.6E-08	4.4E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	3.1E-10	1.9E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.7E-15			5.5E-11	1.5E-10							2.1E-10
Cobalt				8.8E-02	2.1E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.2E-04	1.1E-03	3.1E-01
Copper				8.4E-09	2.3E-08							3.2E-08
Iron				3.2E-02	6.2E-02							9.4E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.2E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	5.6E-15	3.4E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.1E-02	6.8E-02	7.9E-02
Methyl Mercury	8.7E-11			2.0E-11	5.7E-11							1.6E-10
Nickel	1.7E-13			2.8E-02	6.6E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.0E-04	1.6E-03	9.6E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.7E-10							6.4E-10
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-568 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.2E-11	7.6E-12	2.1E-11							5.6E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.3E-11	7.8E-12	2.2E-11							1.4E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	5.2E-12	3.2E-12	8.8E-12	9.8E-10	2.3E-09	1.2E-10	1.2E-10	2.5E-15	1.5E-14	3.5E-09
Hexachlorobiphenyl	4.6E-11	1.7E-11	2.4E-11	1.4E-11	4.0E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.1E-11	6.9E-11	1.5E-05
Monochlorobiphenyl	6.1E-10	6.4E-11	9.0E-11	5.4E-11	1.5E-10							9.7E-10
Nonachlorobiphenyl	1.4E-12	6.6E-13	9.2E-13	5.6E-13	1.6E-12							5.1E-12
Octachlorobiphenyl	3.4E-12	1.2E-12	1.7E-12	1.0E-12	2.9E-12							1.0E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	8.5E-11	5.1E-11	1.4E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	1.3E-10	8.0E-10	1.6E-04
Tetrachlorobiphenyl	2.6E-11	3.5E-12	4.9E-12	3.0E-12	8.4E-12	2.3E-07	5.4E-07	2.9E-08	2.9E-08	1.5E-13	9.3E-13	8.2E-07
Trichlorobiphenyl	3.4E-11	4.3E-12	5.9E-12	3.6E-12	1.0E-11							5.8E-11
Pesticides												
Chlordecone (Kepone)		4.2E-03		5.0E-03								9.2E-03
DDE												
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.1E-02						1.1E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-568 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.7E-03						1.7E-03
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	9.1E-07	1.4E-04	1.4E-04			2.9E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07

Table H-568 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					2.8E-03	6.7E-05	3.2E-04	3.2E-04			3.5E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.5E-03	5.0E-09	1.5E-04	1.5E-04			1.8E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					2.2E-04	4.6E-08	2.4E-05	2.4E-05			2.7E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					2.7E-05	4.5E-07	2.4E-08	2.4E-08			2.8E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					3.6E-09	8.4E-09	4.5E-10	4.5E-10			1.3E-08
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-568 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	4.8E-09	5.4E-03	6.1E-04	1.7E-01	3.6E-01	3.5E-01	2.8E+00	1.0E-03	1.0E-03	1.2E-02	7.1E-02	3.7E+00

Table H-569 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						2.7E-10	9.8E-09	3.4E-11	3.3E-09			1.3E-08
Formaldehyde						3.6E-06	2.3E-08	8.6E-11	7.5E-09			3.6E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.0E-16	8.4E-14	1.6E-12	3.3E-13	1.2E-11	2.8E-11	1.1E-09	3.5E-12	3.7E-10	4.7E-18	3.9E-16	1.5E-09
1,2,3,4,6,7,8-HpCDF	9.9E-17	8.5E-14	1.6E-12	3.3E-13	1.2E-11	2.8E-11	1.1E-09	3.5E-12	3.7E-10	4.8E-18	3.9E-16	1.5E-09
1,2,3,4,7,8,9-HpCDF	1.6E-17	9.7E-15	1.9E-13	3.8E-14	1.5E-12	3.5E-12	1.4E-10	4.4E-13	4.8E-11	5.5E-19	4.7E-17	2.0E-10
1,2,3,4,7,8-HxCDD	1.2E-15	9.5E-14	1.8E-12	3.7E-13	1.4E-11	3.3E-11	1.3E-09	4.1E-12	4.5E-10	5.4E-18	4.6E-16	1.8E-09
1,2,3,4,7,8-HxCDF	8.4E-15	7.6E-13	1.5E-11	3.0E-12	1.1E-10	2.7E-10	1.1E-08	3.4E-11	3.6E-09	4.3E-17	3.6E-15	1.5E-08
1,2,3,6,7,8-HxCDD	2.4E-15	1.9E-13	3.8E-12	7.6E-13	3.0E-11	7.0E-11	2.8E-09	8.7E-12	9.4E-10	1.1E-17	9.3E-16	3.9E-09
1,2,3,6,7,8-HxCDF	3.1E-15	2.5E-13	4.8E-12	9.7E-13	3.8E-11	8.7E-11	3.6E-09	1.1E-11	1.2E-09	1.4E-17	1.2E-15	4.9E-09
1,2,3,7,8,9-HxCDD	3.3E-15	3.1E-13	5.9E-12	1.2E-12	4.7E-11	1.1E-10	4.3E-09	1.3E-11	1.4E-09	1.7E-17	1.5E-15	5.9E-09
1,2,3,7,8,9-HxCDF	2.7E-16	1.8E-14	3.5E-13	7.0E-14	2.7E-12	6.7E-12	2.7E-10	8.4E-13	9.1E-11	1.0E-18	8.6E-17	3.8E-10
1,2,3,7,8-PeCDD	7.7E-14	1.1E-12	2.1E-11	4.2E-12	1.7E-10	4.2E-10	1.7E-08	5.3E-11	5.7E-09	6.1E-17	5.2E-15	2.4E-08
1,2,3,7,8-PeCDF	5.4E-15	6.3E-14	1.2E-12	2.5E-13	9.8E-12	3.0E-11	1.2E-09	3.7E-12	4.1E-10	3.6E-18	3.1E-16	1.7E-09
2,3,4,6,7,8-HxCDF	4.5E-15	3.9E-13	7.3E-12	1.5E-12	5.7E-11	1.4E-10	5.4E-09	1.7E-11	1.8E-09	2.2E-17	1.8E-15	7.5E-09
2,3,4,7,8-PeCDF	8.3E-14	1.5E-12	3.0E-11	6.0E-12	2.3E-10	6.7E-10	2.7E-08	8.4E-11	9.1E-09	8.5E-17	7.4E-15	3.8E-08
2,3,7,8-TCDD	2.7E-14	2.2E-13	3.2E-12	8.7E-13	2.5E-11	1.7E-10	5.7E-09	2.1E-11	1.9E-09	8.7E-15	5.5E-13	7.8E-09
2,3,7,8-TCDF	8.8E-15	4.0E-14	8.0E-13	1.6E-13	6.3E-12	6.2E-11	2.6E-09	7.8E-12	8.5E-10	2.3E-18	2.0E-16	3.5E-09
OCDD	1.4E-20	5.7E-16	1.0E-14	2.2E-15	8.2E-14	1.8E-13	7.2E-12	2.3E-14	2.4E-12	3.2E-20	2.6E-18	1.0E-11
OCDF	5.0E-21	2.2E-16	3.9E-15	8.6E-16	3.1E-14	6.9E-14	2.7E-12	8.6E-15	8.9E-13	1.2E-20	9.7E-19	3.7E-12
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-569 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.0E-16	4.6E-08	6.2E-18	1.1E-07	2.9E-17	2.2E-10	7.7E-09	2.7E-11	2.6E-09	2.6E-11	1.5E-20	1.7E-07
Barium												
Beryllium						8.8E-12	3.0E-10	1.1E-12	1.0E-10	1.1E-20	8.7E-19	4.1E-10
Cadmium						1.2E-10	4.1E-09	1.5E-11	1.4E-09	6.2E-21	5.2E-19	5.6E-09
Chromium												
Cobalt						7.6E-09	1.4E-07	9.5E-10	4.6E-08	1.0E-09	4.7E-13	1.9E-07
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						7.7E-11	2.7E-09	9.7E-12	8.9E-10	6.1E-10	3.7E-19	4.2E-09
Phosphorus												
Selenium												
Silver												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		5.9E-19	1.2E-17	5.4E-19	2.2E-17							3.5E-17
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	3.8E-13	1.4E-09	2.3E-12	1.3E-09	4.2E-12	2.8E-11	1.2E-09	3.5E-12	4.1E-10	2.9E-12	2.1E-14	4.3E-09
Benzo(a)pyrene	1.9E-12	1.6E-08	9.9E-12	1.5E-08	1.8E-11	1.1E-10	4.6E-09	1.4E-11	1.5E-09	1.1E-13	2.9E-16	3.7E-08
Benzo(b)fluoranthene	5.2E-14	2.9E-09	5.3E-14	2.7E-09	9.7E-14	1.2E-11	5.0E-10	1.5E-12	1.7E-10	2.0E-14	1.6E-18	6.2E-09
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-569 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene	3.8E-17	2.2E-10	2.6E-15	2.0E-10	4.8E-15	1.1E-13	2.0E-12	1.4E-14	6.5E-13	1.5E-14	7.7E-19	4.2E-10
Biphenyl				2.3E-18	9.6E-17							9.8E-17
Chrysene	6.6E-16	1.7E-11	2.6E-14	1.6E-11	4.8E-14	4.8E-12	2.0E-10	6.0E-13	6.6E-11	1.1E-15	7.8E-18	3.0E-10
Dibenze(a,h)anthracene	9.3E-14	1.7E-13	3.3E-12	1.5E-13	6.0E-12	1.9E-11	7.9E-10	2.4E-12	2.6E-10	1.2E-18	1.1E-16	1.1E-09
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	2.3E-14	7.1E-10	9.4E-13	6.4E-10	1.7E-12	5.8E-12	2.4E-10	7.3E-13	8.0E-11	4.7E-15	2.8E-17	1.7E-09
Napthalene						4.3E-10	1.8E-08	5.4E-11	6.0E-09			2.5E-08
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	3.6E-17	2.1E-18	4.2E-17	1.8E-18	7.1E-17	1.6E-13	6.5E-12	2.0E-14	2.2E-12	4.8E-20	4.2E-18	8.9E-12
Heptachlorobiphenyl	3.9E-17	6.9E-18	1.3E-16	5.9E-18	2.3E-16	6.2E-14	2.5E-12	7.7E-15	8.4E-13	8.5E-20	7.2E-18	3.4E-12
Hexachlorobiphenyl	1.6E-16	3.1E-17	5.6E-16	2.6E-17	9.5E-16	2.6E-13	1.0E-11	3.3E-14	3.4E-12	3.8E-19	3.0E-17	1.4E-11
Monochlorobiphenyl	2.5E-16	1.5E-17	2.9E-16	1.2E-17	5.0E-16	1.1E-12	4.6E-11	1.4E-13	1.5E-11	3.3E-19	2.9E-17	6.2E-11
Nonachlorobiphenyl	4.9E-18	1.2E-18	1.9E-17	1.0E-18	3.2E-17	8.8E-15	3.1E-13	1.1E-15	1.0E-13	1.5E-20	1.0E-18	4.2E-13
Octachlorobiphenyl	1.2E-17	2.3E-18	4.1E-17	1.9E-18	6.9E-17	1.9E-14	7.4E-13	2.4E-15	2.5E-13	2.8E-20	2.2E-18	1.0E-12
Pentachlorobiphenyl	5.3E-16	1.1E-16	1.9E-15	9.5E-17	3.3E-15	8.9E-13	3.4E-11	1.1E-13	1.1E-11	1.4E-18	1.0E-16	4.6E-11
Tetrachlorobiphenyl	1.1E-17	8.1E-19	1.4E-17	6.8E-19	2.3E-17	5.2E-14	1.9E-12	6.5E-15	6.5E-13	1.8E-20	1.4E-18	2.6E-12
Trichlorobiphenyl	1.4E-17	9.7E-19	1.7E-17	8.2E-19	2.9E-17	6.5E-14	2.5E-12	8.2E-15	8.5E-13	2.2E-20	1.7E-18	3.5E-12
Pesticides												
Chlordecone (Kepone)		1.1E-06		1.3E-06						2.9E-11		2.4E-06
DDE				6.0E-09						5.4E-11		6.0E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene						5.6E-08						5.6E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	4.3E-20					1.4E-12	6.4E-11	1.8E-13	2.1E-11			8.7E-11
2,4-Dimethylphenol												

Table H-569 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	5.9E-16	8.0E-15	1.4E-13	9.5E-15	3.4E-13	3.9E-11	1.5E-09	4.9E-12	5.1E-10	8.0E-20	6.3E-18	2.1E-09
Butyl benzyl phthalate	2.9E-17	5.3E-19	1.1E-17	6.3E-19	2.6E-17							6.6E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	4.5E-17					8.4E-11	1.5E-09	1.0E-11	5.0E-10			2.1E-09
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	6.0E-21					8.6E-14	2.9E-12	1.1E-14	9.7E-13			4.0E-12
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	2.8E-18											2.8E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	6.4E-20					3.6E-12	6.3E-11	4.4E-13	2.1E-11			8.9E-11
1,2-Dichloroethane	9.1E-20					6.2E-12	2.3E-10	2.2E-09	7.8E-11			2.5E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-569 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	9.3E-18					5.6E-08	2.3E-08	6.5E-09	7.6E-09			9.3E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	1.7E-21					3.0E-13	5.4E-12	3.8E-14	1.8E-12			7.5E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	8.1E-22					7.6E-08	2.0E-12	7.9E-09	6.7E-13			8.4E-08
Chlorobenzene												
Chlorodibromomethane	1.3E-19											1.3E-19
Chloroethane												
Chloroform	7.5E-21					4.3E-08	7.5E-11	4.7E-09	2.5E-11			4.8E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	1.4E-18					5.9E-09	1.6E-09	5.2E-12	5.3E-10			8.0E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	4.4E-21					1.5E-14	5.7E-13	1.9E-15	1.9E-13			7.8E-13
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	1.2E-22					2.7E-15	9.4E-14	3.4E-16	3.1E-14			1.3E-13
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	2.7E-23					2.6E-15	4.6E-14	3.2E-16	1.5E-14			6.4E-14
Trichlorofluoromethane												

Table H-569 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	3.0E-20					1.9E-12	4.5E-11	2.3E-13	1.5E-11			6.3E-11
Grand Total	2.7E-12	1.2E-06	1.1E-10	1.4E-06	8.0E-10	3.8E-06	3.2E-07	2.3E-08	1.1E-07	1.7E-09	1.1E-12	6.8E-06

Table H-570 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	1.5E-03	5.2E-06	5.0E-04			2.0E-03
Aldehydes												
Acetaldehyde						1.6E-04	5.8E-03	2.0E-05	1.9E-03			7.9E-03
Formaldehyde	2.3E-12					3.3E-01	2.1E-03	7.9E-06	6.9E-04			3.3E-01
Propionaldehyde						2.0E-05	7.2E-04	2.5E-06	2.4E-04	2.1E-12	1.5E-10	9.8E-04
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.6E-09	5.2E-08	7.5E-07	2.0E-07	5.9E-06	1.3E-06	4.3E-05	1.6E-07	1.4E-05	1.2E-10	7.8E-09	6.6E-05
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	7.7E-03	2.5E-05	2.6E-03			1.1E-02
Metals												
Aluminum				1.0E-02						1.0E-04		1.0E-02
Antimony	3.9E-14			9.4E-04								9.4E-04

Table H-570 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	1.2E-03	1.6E-13	2.8E-03	7.6E-13	4.0E-05	1.4E-03	4.9E-06	4.7E-04	4.6E-06	2.7E-15	5.9E-03
Barium	1.2E-11			1.6E-08	5.4E-07	2.5E-04	6.8E-03	3.1E-05	2.3E-03	3.1E-10	2.3E-08	9.3E-03
Beryllium	1.7E-14			5.2E-13	2.0E-11	2.1E-06	7.3E-05	2.7E-07	2.4E-05	2.6E-15	2.1E-13	9.9E-05
Cadmium	8.3E-12			8.2E-13	3.1E-11	7.6E-05	2.6E-03	9.5E-06	8.8E-04	4.0E-15	3.4E-13	3.6E-03
Chromium	1.7E-15			5.5E-11	2.2E-09							2.2E-09
Cobalt				8.8E-02	3.3E-05	1.6E-03	3.0E-02	2.0E-04	9.9E-03	2.2E-04	1.8E-07	1.3E-01
Copper				8.4E-09	3.2E-07							3.3E-07
Iron				3.2E-02								3.2E-02
Lead												
Manganese												
Mercury (+2)				1.1E-10	3.5E-09	7.8E-08	2.8E-06	9.8E-09	9.2E-07	5.6E-15	3.8E-13	3.8E-06
Mercury, elemental						3.3E-10	1.2E-08	4.1E-11	3.8E-09	1.1E-02		1.1E-02
Methyl Mercury	8.7E-11			2.0E-11	7.9E-10							8.9E-10
Nickel	1.7E-13			2.8E-02	7.8E-12	3.9E-05	1.3E-03	4.8E-06	4.4E-04	3.0E-04	1.9E-13	3.0E-02
Phosphorus				3.7E-10	1.4E-08							1.4E-08
Selenium	5.5E-14			8.1E-15	3.1E-13	8.7E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-20	8.4E-18	4.2E-07
Silver	4.2E-14			1.7E-10	6.2E-09							6.4E-09
Titanium												
Zinc	1.4E-11			6.1E-13	2.2E-11							3.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	6.9E-14	3.1E-15	1.3E-13							2.0E-13
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	1.2E-12	5.2E-14	2.1E-12							3.4E-12
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-570 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	2.8E-13	2.8E-04	1.2E-02	3.5E-05	3.9E-03	4.9E-12	4.5E-10	1.6E-02
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	3.4E-11	1.5E-12	6.3E-11							1.1E-10
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	2.1E-03	6.2E-06	6.9E-04			2.8E-03
Perylene												
Phenanthrene												
Pyrene	6.7E-12	8.3E-12	1.7E-10	7.6E-12	3.1E-10							5.1E-10
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	9.3E-12	1.8E-10	7.8E-12	3.1E-10							6.0E-10
Heptachlorobiphenyl	1.1E-11	3.7E-12	7.2E-11	3.2E-12	1.2E-10	9.8E-10	3.9E-08	1.2E-10	1.3E-08	2.5E-15	2.1E-13	5.4E-08
Hexachlorobiphenyl	4.6E-11	1.7E-11	3.0E-10	1.4E-11	5.1E-10	4.1E-06	1.6E-04	5.1E-07	5.3E-05	1.1E-11	8.8E-10	2.2E-04
Monochlorobiphenyl	6.1E-10	6.4E-11	1.3E-09	5.4E-11	2.2E-09							4.2E-09
Nonachlorobiphenyl	1.4E-12	6.6E-13	1.0E-11	5.6E-13	1.7E-11							3.0E-11
Octachlorobiphenyl	3.4E-12	1.2E-12	2.2E-11	1.0E-12	3.7E-11							6.5E-11
Pentachlorobiphenyl	1.5E-10	6.1E-11	1.0E-09	5.1E-11	1.8E-09	4.6E-05	1.7E-03	5.7E-06	5.7E-04	1.3E-10	9.9E-09	2.3E-03
Tetrachlorobiphenyl	2.6E-11	3.5E-12	6.0E-11	3.0E-12	1.0E-10	2.3E-07	8.7E-06	2.9E-08	2.9E-06	1.5E-13	1.1E-11	1.2E-05
Trichlorobiphenyl	3.4E-11	4.3E-12	7.6E-11	3.6E-12	1.3E-10							2.5E-10
Pesticides												
Chlordecone (Kepone)		4.2E-03		5.0E-03								9.2E-03
DDE												
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	4.3E-06	1.7E-08	1.4E-06			5.9E-06
1,2-dichlorobenzene	3.1E-17					5.4E-10	9.7E-09	6.8E-11	3.2E-09			1.4E-08
1,3-Butadiene						1.1E-02						1.1E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	8.5E-08	2.4E-10	2.8E-08			1.2E-07
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-570 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	3.9E-06	1.2E-08	1.3E-06			5.3E-06
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	6.0E-09	4.0E-10	1.4E-08							2.1E-08
Butyl benzyl phthalate	8.8E-13	1.6E-14	3.3E-13	1.9E-14	7.9E-13							2.0E-12
Carbazole												
Dibenzofuran		1.4E-13	2.9E-12	5.7E-13	2.3E-11							2.6E-11
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	6.7E-13	3.9E-14	1.6E-12							1.9E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	8.7E-12	1.1E-12	2.1E-11							3.1E-11
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.7E-03						1.7E-03
Phenol	4.9E-13					1.5E-06	6.2E-05	1.9E-07	2.1E-05			8.5E-05
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	1.0E-09	3.3E-12	3.3E-10			1.4E-09
1,1-Dichloroethene	1.2E-19					1.3E-10	2.3E-09	1.6E-11	7.7E-10			3.2E-09
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	6.4E-06	4.5E-08	2.1E-06			9.0E-06
1,2,4-Trimethylbenzene						8.9E-07	2.8E-05	1.1E-07	9.4E-06			3.9E-05
1,2-Dibromoethane	4.1E-17					7.7E-09	1.4E-07	9.6E-10	4.6E-08			1.9E-07
1,2-Dichloroethane	1.9E-15					4.0E-07	1.5E-05	1.4E-04	5.0E-06			1.6E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	2.6E-07	8.3E-10	8.7E-08			3.6E-07
2-Chlorotoluene												
2-Hexanone						2.3E-07	8.2E-06	2.8E-08	2.7E-06			1.1E-05

Table H-570 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					2.8E-03	1.1E-03	3.2E-04	3.8E-04			4.7E-03
Bromobenzene						6.2E-07	1.1E-05	7.8E-08	3.7E-06			1.5E-05
Bromochloromethane						2.2E-09	3.9E-08	2.8E-10	1.3E-08			5.5E-08
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	2.3E-05	9.5E-08	7.6E-06			3.1E-05
Carbon disulfide	1.3E-17					4.8E-09	1.4E-07	6.0E-10	4.7E-08			1.9E-07
Carbon tetrachloride	3.4E-17					1.5E-03	3.9E-08	1.5E-04	1.3E-08			1.6E-03
Chlorobenzene	2.3E-15					9.6E-08	3.4E-06	1.2E-08	1.1E-06			4.7E-06
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	3.2E-08	1.1E-10	1.1E-08			4.3E-08
Chloroform	2.8E-16					2.2E-04	3.9E-07	2.4E-05	1.3E-07			2.5E-04
Chloromethane						3.4E-07	1.0E-05	4.3E-08	3.5E-06			1.4E-05
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	9.1E-07	6.4E-09	3.0E-07			1.3E-06
Dichlorodifluoromethane	2.4E-20					2.5E-09	4.4E-08	3.1E-10	1.5E-08			6.2E-08
Ethylbenzene	1.5E-14					2.7E-05	7.4E-06	2.4E-08	2.5E-06			3.7E-05
Isopropylbenzene	2.0E-17					3.9E-08	1.3E-06	4.9E-09	4.5E-07			1.8E-06
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.1E-09	1.5E-11	7.1E-10			3.0E-09
Methylene chloride	4.3E-15					3.0E-08	1.1E-06	3.8E-09	3.7E-07			1.5E-06
n-Butylbenzene												
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07			4.2E-07
o-Xylene	1.4E-15					2.3E-07	7.6E-06	2.9E-08	2.5E-06			1.0E-05
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.9E-05	6.4E-08	6.2E-06			2.5E-05
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	1.1E-07	3.8E-10	3.5E-08			1.4E-07
Toluene	2.0E-14					6.3E-08	2.5E-06	7.9E-09	8.3E-07			3.4E-06
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					3.6E-09	6.5E-08	4.5E-10	2.2E-08			9.0E-08
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-570 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					5.0E-08	1.2E-06	6.2E-09	4.0E-07			1.7E-06
Grand Total	4.8E-09	5.4E-03	7.6E-07	1.7E-01	4.0E-05	3.5E-01	7.7E-02	1.0E-03	2.6E-02	1.2E-02	2.2E-07	6.3E-01

Table H-571 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			8.9E-09	1.1E-09		1.0E-08
Formaldehyde			2.0E-08	2.5E-09		2.2E-08
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	2.5E-12	9.8E-12	1.1E-09	1.3E-10	1.4E-16	1.2E-09
1,2,3,4,6,7,8-HpCDF	2.5E-12	9.7E-12	1.1E-09	1.3E-10	1.4E-16	1.2E-09
1,2,3,4,7,8,9-HpCDF	3.0E-13	1.2E-12	1.4E-10	1.7E-11	1.7E-17	1.6E-10
1,2,3,4,7,8-HxCDD	2.9E-12	1.2E-11	1.3E-09	1.6E-10	1.7E-16	1.5E-09
1,2,3,4,7,8-HxCDF	2.3E-11	9.2E-11	1.0E-08	1.3E-09	1.3E-15	1.2E-08
1,2,3,6,7,8-HxCDD	6.0E-12	2.4E-11	2.7E-09	3.4E-10	3.4E-16	3.1E-09
1,2,3,6,7,8-HxCDF	7.7E-12	3.0E-11	3.4E-09	4.3E-10	4.4E-16	3.9E-09
1,2,3,7,8,9-HxCDD	9.5E-12	3.7E-11	4.1E-09	5.1E-10	5.3E-16	4.7E-09
1,2,3,7,8,9-HxCDF	5.6E-13	2.2E-12	2.6E-10	3.3E-11	3.2E-17	3.0E-10
1,2,3,7,8-PeCDD	3.4E-11	1.3E-10	1.7E-08	2.1E-09	1.9E-15	1.9E-08

Table H-571 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	2.0E-12	7.9E-12	1.2E-09	1.5E-10	1.1E-16	1.3E-09
2,3,4,6,7,8-HxCDF	1.2E-11	4.5E-11	5.2E-09	6.5E-10	6.5E-16	5.9E-09
2,3,4,7,8-PeCDF	4.8E-11	1.9E-10	2.6E-08	3.3E-09	2.7E-15	3.0E-08
2,3,7,8-TCDD	4.4E-12	1.7E-11	5.0E-09	6.3E-10	1.7E-13	5.7E-09
2,3,7,8-TCDF	1.3E-12	5.1E-12	2.5E-09	3.1E-10	7.3E-17	2.8E-09
OCDD	1.6E-14	6.4E-14	6.9E-12	8.6E-13	9.2E-19	7.8E-12
OCDF	6.1E-15	2.4E-14	2.5E-12	3.2E-13	3.4E-19	2.9E-12
HCN						
Hydrogen cyanide						
Metals						
Antimony						
Arsenic	7.6E-18	1.8E-17	7.0E-09	8.8E-10	4.2E-21	7.9E-09
Barium						
Beryllium			2.7E-10	3.3E-11	2.3E-19	3.0E-10
Cadmium			3.7E-09	4.6E-10	1.4E-19	4.2E-09
Chromium						
Cobalt			7.3E-08	9.1E-09	8.6E-14	8.2E-08
Copper						
Lead						
Manganese						
Mercury (+2)						
Mercury, elemental						
Methyl Mercury						

Table H-571 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Nickel			2.4E-09	3.0E-10	1.0E-19	2.7E-09
Phosphorus						
Selenium						
Silver						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	2.0E-17	1.8E-17				3.8E-17
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	3.9E-12	3.5E-12	1.2E-09	1.5E-10	8.0E-15	1.4E-09
Benzo(a)pyrene	1.6E-11	1.5E-11	4.5E-09	5.6E-10	1.1E-16	5.1E-09
Benzo(b)fluoranthene	8.5E-14	7.7E-14	4.8E-10	6.0E-11	5.7E-19	5.4E-10
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	2.3E-15	2.1E-15	9.5E-13	1.2E-13	1.5E-19	1.1E-12

Table H-571 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Biphenyl		7.9E-17				7.9E-17
Chrysene	4.3E-14	3.9E-14	1.9E-10	2.4E-11	2.9E-18	2.2E-10
Dibenze(a,h)anthracene	5.3E-12	4.9E-12	7.6E-10	9.5E-11	3.9E-17	8.6E-10
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	1.5E-12	1.4E-12	2.3E-10	2.9E-11	1.0E-17	2.6E-10
Napthalene			1.8E-08	2.2E-09		2.0E-08
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	6.8E-17	5.8E-17	6.3E-12	7.9E-13	1.5E-18	7.1E-12
Heptachlorobiphenyl	2.1E-16	1.8E-16	2.4E-12	3.0E-13	2.6E-18	2.7E-12
Hexachlorobiphenyl	8.7E-16	7.4E-16	9.6E-12	1.2E-12	1.1E-17	1.1E-11
Monochlorobiphenyl	4.8E-16	4.0E-16	4.4E-11	5.5E-12	1.1E-17	5.0E-11
Nonachlorobiphenyl	2.7E-17	2.3E-17	2.8E-13	3.5E-14	3.4E-19	3.2E-13
Octachlorobiphenyl	6.4E-17	5.4E-17	7.1E-13	8.8E-14	7.8E-19	8.0E-13
Pentachlorobiphenyl	2.9E-15	2.5E-15	3.2E-11	3.9E-12	3.6E-17	3.5E-11
Tetrachlorobiphenyl	2.1E-17	1.7E-17	1.8E-12	2.3E-13	4.7E-19	2.0E-12

Table H-571 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Trichlorobiphenyl	2.7E-17	2.3E-17	2.4E-12	3.0E-13	6.0E-19	2.7E-12
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-dichlorobenzene						
1,4-dichlorobenzene			6.4E-11	8.0E-12		7.2E-11
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	2.2E-13	2.6E-13	1.4E-09	1.8E-10	2.2E-18	1.6E-09
Butyl benzyl phthalate	1.8E-17	2.1E-17				3.9E-17
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			7.4E-10	9.3E-11		8.4E-10

Table H-571 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			2.6E-12	3.2E-13		2.9E-12
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			3.2E-11	3.9E-12		3.6E-11
1,2-Dichloroethane			2.2E-10	2.7E-11		2.5E-10
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						
2-Chlorotoluene						
2-Hexanone						
Benzene			2.2E-08	2.7E-09		2.4E-08
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			2.7E-12	3.4E-13		3.0E-12
Bromomethane						

Table H-571 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbon disulfide						
Carbon tetrachloride			1.0E-12	1.2E-13		1.1E-12
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			4.3E-11	5.3E-12		4.8E-11
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			1.5E-09	1.9E-10		1.7E-09
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			5.3E-13	6.6E-14		5.9E-13
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						

Table H-571 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
tert-Butylbenzene						
Tetrachloroethene			8.5E-14	1.1E-14		9.6E-14
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			2.3E-14	2.8E-15		2.5E-14
Trichlorofluoromethane						
Vinyl chloride			3.3E-11	4.1E-12		3.7E-11
Grand Total	1.8E-10	6.4E-10	2.5E-07	3.1E-08	2.8E-13	2.8E-07

Table H-572 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			1.4E-03	1.7E-04		1.5E-03
Aldehydes						
Acetaldehyde			5.3E-03	6.6E-04		5.9E-03
Formaldehyde			1.8E-03	2.3E-04		2.1E-03
Propionaldehyde			6.6E-04	8.2E-05	4.9E-11	7.4E-04
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-572 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	1.0E-06	4.1E-06	3.8E-05	4.8E-06	2.4E-09	4.8E-05
2,3,7,8-TCDF						
OCDD						
OCDF						
HCN						
Hydrogen cyanide			7.3E-03	9.1E-04		8.2E-03
Metals						
Antimony						
Arsenic	2.0E-13	4.6E-13	1.3E-03	1.6E-04	7.6E-16	1.4E-03
Barium		2.7E-07	5.3E-03	6.6E-04	5.2E-09	6.0E-03
Beryllium		1.2E-11	6.5E-05	8.1E-06	5.7E-14	7.3E-05
Cadmium		1.9E-11	2.4E-03	3.0E-04	9.3E-14	2.7E-03
Chromium		1.3E-09				1.3E-09
Cobalt		1.3E-05	1.6E-02	2.0E-03	3.3E-08	1.8E-02
Copper		1.9E-07				1.9E-07
Lead						
Manganese						
Mercury (+2)		2.5E-09	2.5E-06	3.1E-07	1.2E-13	2.8E-06
Mercury, elemental			1.0E-08	1.3E-09		1.2E-08
Methyl Mercury		4.8E-10				4.8E-10

Table H-572 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Nickel		4.6E-12	1.2E-03	1.5E-04	5.1E-14	1.3E-03
Phosphorus		7.9E-09				7.9E-09
Selenium		1.9E-13	2.8E-07	3.4E-08	2.3E-18	3.1E-07
Silver		3.6E-09				3.6E-09
Titanium						
Zinc		1.1E-11				1.1E-11
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	1.1E-13	1.0E-13				2.2E-13
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	1.9E-12	1.8E-12				3.7E-12
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						

Table H-572 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Biphenyl		2.3E-13	1.1E-02	1.4E-03	1.7E-10	1.3E-02
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	5.6E-11	5.1E-11				1.1E-10
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene			2.0E-03	2.5E-04		2.3E-03
Perylene						
Phenanthrene						
Pyrene	2.8E-10	2.6E-10				5.4E-10
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	3.0E-10	2.5E-10				5.5E-10
Heptachlorobiphenyl	1.2E-10	9.8E-11	3.8E-08	4.7E-09	7.6E-14	4.3E-08
Hexachlorobiphenyl	4.7E-10	4.0E-10	1.5E-04	1.9E-05	3.1E-10	1.7E-04
Monochlorobiphenyl	2.1E-09	1.8E-09				3.8E-09
Nonachlorobiphenyl	1.5E-11	1.2E-11				2.7E-11
Octachlorobiphenyl	3.5E-11	2.9E-11				6.4E-11
Pentachlorobiphenyl	1.6E-09	1.3E-09	1.6E-03	2.0E-04	3.4E-09	1.8E-03
Tetrachlorobiphenyl	9.0E-11	7.6E-11	8.1E-06	1.0E-06	3.8E-12	9.1E-06

Table H-572 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Trichlorobiphenyl	1.2E-10	9.9E-11				2.2E-10
SVOCs						
1,2,4-trichlorobenzene			3.8E-06	4.7E-07		4.2E-06
1,2-dichlorobenzene			4.8E-09	6.0E-10		5.4E-09
1,3-dichlorobenzene						
1,4-dichlorobenzene			8.5E-08	1.1E-08		9.5E-08
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			3.8E-06	4.8E-07		4.3E-06
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	9.4E-09	1.1E-08				2.0E-08
Butyl benzyl phthalate	5.4E-13	6.4E-13				1.2E-12
Carbazole						
Dibenzofuran	4.6E-12	1.8E-11				2.3E-11
Dimethyl phthalate						
Di-n-butyl phthalate	1.1E-12	1.3E-12				2.4E-12
Di-n-octyl phthalate	7.7E-12	9.0E-12				1.7E-11
Hexachlorobutadiene						

Table H-572 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Phenol			6.0E-05	7.6E-06		6.8E-05
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			9.3E-10	1.2E-10		1.0E-09
1,1-Dichloroethene			1.2E-09	1.4E-10		1.3E-09
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.2E-06	4.0E-07		3.6E-06
1,2,4-Trimethylbenzene			2.4E-05	3.0E-06		2.7E-05
1,2-Dibromoethane			6.8E-08	8.5E-09		7.7E-08
1,2-Dichloroethane			1.4E-05	1.7E-06		1.6E-05
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone			2.5E-07	3.1E-08		2.8E-07
2-Chlorotoluene						
2-Hexanone			7.5E-06	9.4E-07		8.5E-06
Benzene			1.1E-03	1.3E-04		1.2E-03
Bromobenzene			5.5E-06	6.9E-07		6.2E-06
Bromochloromethane			2.0E-08	2.4E-09		2.2E-08
Bromodichloromethane						
Bromomethane			1.9E-05	2.4E-06		2.2E-05

Table H-572 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbon disulfide			1.1E-07	1.4E-08		1.3E-07
Carbon tetrachloride			1.9E-08	2.4E-09		2.2E-08
Chlorobenzene			3.1E-06	3.9E-07		3.5E-06
Chlorodibromomethane						
Chloroethane			2.9E-08	3.6E-09		3.2E-08
Chloroform			2.2E-07	2.8E-08		2.5E-07
Chloromethane			8.7E-06	1.1E-06		9.8E-06
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			4.5E-07	5.6E-08		5.1E-07
Dichlorodifluoromethane			2.2E-08	2.8E-09		2.5E-08
Ethylbenzene			6.9E-06	8.6E-07		7.8E-06
Isopropylbenzene			1.2E-06	1.5E-07		1.4E-06
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.1E-09	1.3E-10		1.2E-09
Methylene chloride			1.0E-06	1.3E-07		1.2E-06
n-Butylbenzene						
n-Propylbenzene			2.7E-07	3.4E-08		3.0E-07
o-Xylene			6.7E-06	8.4E-07		7.6E-06
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			1.7E-05	2.1E-06		1.9E-05

Table H-572 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
tert-Butylbenzene						
Tetrachloroethene			9.5E-08	1.2E-08		1.1E-07
Toluene			2.4E-06	2.9E-07		2.7E-06
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			3.2E-08	4.0E-09		3.6E-08
Trichlorofluoromethane						
Vinyl chloride			8.6E-07	1.1E-07		9.7E-07
Grand Total	1.0E-06	1.8E-05	5.9E-02	7.4E-03	4.5E-08	6.6E-02

Table H-573 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas							
Hydrogen Chloride							
Aldehydes							
Acetaldehyde				1.3E-08	4.4E-09		1.8E-08
Formaldehyde				3.1E-08	1.0E-08		4.1E-08
Propionaldehyde							
CO							
Carbon monoxide							
CO2							
Carbon dioxide							
Criteria							
Sulfur Dioxide							
DIOXINS							
1,2,3,4,6,7,8-HpCDD	1.0E-16	1.6E-12	1.2E-11	1.5E-09	5.0E-10	5.3E-16	2.0E-09
1,2,3,4,6,7,8-HpCDF	9.9E-17	1.6E-12	1.2E-11	1.5E-09	5.0E-10	5.3E-16	2.0E-09
1,2,3,4,7,8,9-HpCDF	1.6E-17	1.9E-13	1.5E-12	2.0E-10	6.5E-11	6.4E-17	2.6E-10
1,2,3,4,7,8-HxCDD	1.2E-15	1.8E-12	1.4E-11	1.8E-09	6.1E-10	6.2E-16	2.5E-09
1,2,3,4,7,8-HxCDF	8.4E-15	1.5E-11	1.1E-10	1.5E-08	4.9E-09	4.9E-15	2.0E-08
1,2,3,6,7,8-HxCDD	2.4E-15	3.8E-12	3.0E-11	3.9E-09	1.3E-09	1.3E-15	5.2E-09
1,2,3,6,7,8-HxCDF	3.1E-15	4.8E-12	3.8E-11	4.8E-09	1.6E-09	1.6E-15	6.5E-09
1,2,3,7,8,9-HxCDD	3.3E-15	5.9E-12	4.7E-11	5.8E-09	1.9E-09	2.0E-15	7.8E-09
1,2,3,7,8,9-HxCDF	2.7E-16	3.5E-13	2.7E-12	3.7E-10	1.2E-10	1.2E-16	5.0E-10
1,2,3,7,8-PeCDD	7.7E-14	2.1E-11	1.7E-10	2.3E-08	7.8E-09	7.1E-15	3.1E-08

Table H-573 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
1,2,3,7,8-PeCDF	5.4E-15	1.2E-12	9.8E-12	1.7E-09	5.6E-10	4.2E-16	2.2E-09
2,3,4,6,7,8-HxCDF	4.5E-15	7.3E-12	5.7E-11	7.4E-09	2.5E-09	2.5E-15	9.9E-09
2,3,4,7,8-PeCDF	8.3E-14	3.0E-11	2.3E-10	3.7E-08	1.2E-08	1.0E-14	5.0E-08
2,3,7,8-TCDD	2.7E-14	3.2E-12	2.5E-11	7.7E-09	2.6E-09	7.5E-13	1.0E-08
2,3,7,8-TCDF	8.8E-15	8.0E-13	6.3E-12	3.5E-09	1.2E-09	2.7E-16	4.7E-09
OCDD	1.4E-20	1.0E-14	8.2E-14	9.9E-12	3.3E-12	3.5E-18	1.3E-11
OCDF	5.0E-21	3.9E-15	3.1E-14	3.7E-12	1.2E-12	1.3E-18	4.9E-12
HCN							
Hydrogen cyanide							
Metals							
Antimony							
Arsenic	1.0E-16	6.2E-18	2.9E-17	1.1E-08	3.5E-09	2.1E-20	1.4E-08
Barium							
Beryllium				4.1E-10	1.4E-10	1.2E-18	5.4E-10
Cadmium				5.6E-09	1.9E-09	7.1E-19	7.4E-09
Chromium							
Cobalt				1.9E-07	6.3E-08	6.4E-13	2.5E-07
Copper							
Lead							
Manganese							
Mercury (+2)							
Mercury, elemental							
Methyl Mercury							

Table H-573 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Nickel				3.6E-09	1.2E-09	5.1E-19	4.8E-09
Phosphorus							
Selenium							
Silver							
Titanium							
Zinc							
NOx							
NOx (Oxides of Nitrogen)							
PAHs							
1-Methylnaphthalene		1.2E-17	2.2E-17				3.4E-17
1-Methylphenanthrene							
2,3,5-Trimethylnaphthalene							
2,6-Dimethylnaphthalene							
2-Methylnaphthalene							
Acenaphthylene							
Acenaphthene							
Anthracene							
Benzo(a)anthracene	3.8E-13	2.3E-12	4.2E-12	1.7E-09	5.5E-10	2.9E-14	2.2E-09
Benzo(a)pyrene	1.9E-12	9.9E-12	1.8E-11	6.3E-09	2.1E-09	4.0E-16	8.5E-09
Benzo(b)fluoranthene	5.2E-14	5.3E-14	9.7E-14	6.8E-10	2.3E-10	2.1E-18	9.1E-10
Benzo(e)pyrene							
Benzo(g,h,i)perylene							
Benzo(k)fluoranthene	3.8E-17	2.6E-15	4.8E-15	2.7E-12	8.9E-13	1.1E-18	3.6E-12

Table H-573 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Biphenyl			9.6E-17				9.6E-17
Chrysene	6.6E-16	2.6E-14	4.8E-14	2.7E-10	9.1E-11	1.1E-17	3.6E-10
Dibenze(a,h)anthracene	9.3E-14	3.3E-12	6.0E-12	1.1E-09	3.6E-10	1.4E-16	1.4E-09
Fluoranthene							
Fluorene							
Indeno(1,2,3-cd)pyrene	2.3E-14	9.4E-13	1.7E-12	3.3E-10	1.1E-10	3.8E-17	4.4E-10
Napthalene				2.5E-08	8.2E-09		3.3E-08
Perylene							
Phenanthrene							
Pyrene							
Particulate							
Particulate Total Suspended Particulate							
PM<10							
PM<2.5							
PCBs							
Dichlorobiphenyl	3.6E-17	4.2E-17	7.1E-17	8.9E-12	3.0E-12	5.7E-18	1.2E-11
Heptachlorobiphenyl	3.9E-17	1.3E-16	2.3E-16	3.4E-12	1.1E-12	9.9E-18	4.6E-12
Hexachlorobiphenyl	1.6E-16	5.6E-16	9.5E-16	1.4E-11	4.6E-12	4.1E-17	1.8E-11
Monochlorobiphenyl	2.5E-16	2.9E-16	5.0E-16	6.2E-11	2.1E-11	4.0E-17	8.3E-11
Nonachlorobiphenyl	4.9E-18	1.9E-17	3.2E-17	4.2E-13	1.4E-13	1.4E-18	5.7E-13
Octachlorobiphenyl	1.2E-17	4.1E-17	6.9E-17	1.0E-12	3.4E-13	3.0E-18	1.4E-12
Pentachlorobiphenyl	5.3E-16	1.9E-15	3.3E-15	4.6E-11	1.5E-11	1.4E-16	6.1E-11
Tetrachlorobiphenyl	1.1E-17	1.4E-17	2.3E-17	2.6E-12	8.8E-13	1.9E-18	3.5E-12

Table H-573 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Trichlorobiphenyl	1.4E-17	1.7E-17	2.9E-17	3.5E-12	1.2E-12	2.3E-18	4.6E-12
SVOCs							
1,2,4-trichlorobenzene							
1,2-dichlorobenzene							
1,3-dichlorobenzene							
1,4-dichlorobenzene	4.3E-20			8.7E-11	2.9E-11		1.2E-10
2,4-Dimethylphenol							
2-Chlorophenol							
2-Methylphenol							
2-Nitrophenol							
3-Methylphenol & 4-Methylphenol							
4-Nitrophenol							
Acetophenone							
Benzoic acid							
Benzyl alcohol							
bis(2-Ethylhexyl) phthalate	5.9E-16	1.4E-13	3.4E-13	2.1E-09	6.9E-10	8.6E-18	2.8E-09
Butyl benzyl phthalate	2.9E-17	1.1E-17	2.6E-17				6.5E-17
Carbazole							
Dibenzofuran							
Dimethyl phthalate							
Di-n-butyl phthalate							
Di-n-octyl phthalate							
Hexachlorobutadiene	4.5E-17			2.0E-09	6.8E-10		2.7E-09

Table H-573 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Phenol							
Pyridine							
TRS							
Total Reduced Sulfur							
VOCs							
1,1,1,2-Tetrachloroethane	6.0E-21			3.9E-12	1.3E-12		5.3E-12
1,1,1-Trichloroethane							
1,1-Dichloroethene							
1,2,3-Trichlorobenzene							
1,2,3-Trichloropropane	2.8E-18						2.8E-18
1,2,4-Trimethylbenzene							
1,2-Dibromoethane	6.4E-20			8.7E-11	2.9E-11		1.2E-10
1,2-Dichloroethane	9.1E-20			3.2E-10	1.1E-10		4.2E-10
1,3,5-Trimethylbenzene							
1,3-Dichloropropane							
2-Butanone							
2-Chlorotoluene							
2-Hexanone							
Benzene	9.3E-18			3.1E-08	1.0E-08		4.1E-08
Bromobenzene							
Bromochloromethane							
Bromodichloromethane	1.7E-21			7.3E-12	2.4E-12		9.8E-12
Bromomethane							

Table H-573 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Carbon disulfide							
Carbon tetrachloride	8.1E-22			2.7E-12	9.1E-13		3.6E-12
Chlorobenzene							
Chlorodibromomethane	1.3E-19						1.3E-19
Chloroethane							
Chloroform	7.5E-21			1.0E-10	3.4E-11		1.4E-10
Chloromethane							
cis-1,2-Dichloroethene							
cis-1,3-Dichloropropene							
Dibromomethane							
Dichlorodifluoromethane							
Ethylbenzene	1.4E-18			2.2E-09	7.2E-10		2.9E-09
Isopropylbenzene							
m&p-Xylene							
Methyl Isobutyl Ketone (4-methyl-2							
Methylene chloride	4.4E-21			7.8E-13	2.6E-13		1.0E-12
n-Butylbenzene							
n-Propylbenzene							
o-Xylene							
p-Chlorotoluene							
p-Isopropyltoluene							
sec-Butylbenzene							
Styrene							

Table H-573 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
tert-Butylbenzene							
Tetrachloroethene	1.2E-22			1.3E-13	4.3E-14		1.7E-13
Toluene							
trans-1,2-Dichloroethene							
trans-1,3-Dichloropropene							
Trichloroethene	2.7E-23			6.2E-14	2.1E-14		8.3E-14
Trichlorofluoromethane							
Vinyl chloride	3.0E-20			6.2E-11	2.1E-11		8.2E-11
Grand Total	2.7E-12	1.1E-10	8.0E-10	4.4E-07	1.5E-07	1.5E-12	5.9E-07

Table H-574 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas							
Hydrogen Chloride				2.0E-03	6.8E-04		2.7E-03
Aldehydes							
Acetaldehyde				7.9E-03	2.6E-03		1.0E-02
Formaldehyde	2.3E-12			2.8E-03	9.4E-04		3.8E-03
Propionaldehyde				9.8E-04	3.3E-04	2.0E-10	1.3E-03
CO							
Carbon monoxide							
CO2							
Carbon dioxide							
Criteria							
Sulfur Dioxide							
DIOXINS							
1,2,3,4,6,7,8-HpCDD							
1,2,3,4,6,7,8-HpCDF							
1,2,3,4,7,8,9-HpCDF							
1,2,3,4,7,8-HxCDD							
1,2,3,4,7,8-HxCDF							
1,2,3,6,7,8-HxCDD							
1,2,3,6,7,8-HxCDF							
1,2,3,7,8,9-HxCDD							
1,2,3,7,8,9-HxCDF							
1,2,3,7,8-PeCDD							

Table H-574 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
1,2,3,7,8-PeCDF							
2,3,4,6,7,8-HxCDF							
2,3,4,7,8-PeCDF							
2,3,7,8-TCDD	3.6E-09	7.5E-07	5.9E-06	5.9E-05	2.0E-05	1.1E-08	8.6E-05
2,3,7,8-TCDF							
OCDD							
OCDF							
HCN							
Hydrogen cyanide				1.1E-02	3.5E-03		1.4E-02
Metals							
Antimony	3.9E-14						3.9E-14
Arsenic	2.7E-12	1.6E-13	7.6E-13	1.9E-03	6.4E-04	3.7E-15	2.5E-03
Barium	1.2E-11		5.4E-07	9.2E-03	3.1E-03	3.2E-08	1.2E-02
Beryllium	1.7E-14		2.0E-11	9.9E-05	3.3E-05	2.9E-13	1.3E-04
Cadmium	8.3E-12		3.1E-11	3.6E-03	1.2E-03	4.6E-13	4.8E-03
Chromium	1.7E-15		2.2E-09				2.2E-09
Cobalt			3.3E-05	4.1E-02	1.4E-02	2.4E-07	5.4E-02
Copper			3.2E-07				3.2E-07
Lead							
Manganese							
Mercury (+2)			3.5E-09	3.8E-06	1.3E-06	5.2E-13	5.0E-06
Mercury, elemental				1.6E-08	5.2E-09		2.1E-08
Methyl Mercury	8.7E-11		7.9E-10				8.7E-10

Table H-574 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Nickel	1.7E-13		7.8E-12	1.8E-03	6.0E-04	2.5E-13	2.4E-03
Phosphorus			1.4E-08				1.4E-08
Selenium	5.5E-14		3.1E-13	4.2E-07	1.4E-07	1.1E-17	5.5E-07
Silver	4.2E-14		6.2E-09				6.2E-09
Titanium							
Zinc	1.4E-11		2.2E-11				3.5E-11
NOx							
NOx (Oxides of Nitrogen)							
PAHs							
1-Methylnaphthalene		6.9E-14	1.3E-13				2.0E-13
1-Methylphenanthrene							
2,3,5-Trimethylnaphthalene							
2,6-Dimethylnaphthalene							
2-Methylnaphthalene		1.2E-12	2.1E-12				3.3E-12
Acenaphthylene							
Acenaphthene	5.6E-14						5.6E-14
Anthracene	1.4E-13						1.4E-13
Benzo(a)anthracene							
Benzo(a)pyrene							
Benzo(b)fluoranthene							
Benzo(e)pyrene							
Benzo(g,h,i)perylene							
Benzo(k)fluoranthene							

Table H-574 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Biphenyl			2.8E-13	1.6E-02	5.3E-03	6.1E-10	2.1E-02
Chrysene							
Dibenze(a,h)anthracene							
Fluoranthene	7.0E-12	3.4E-11	6.3E-11				1.0E-10
Fluorene	1.5E-12						1.5E-12
Indeno(1,2,3-cd)pyrene							
Napthalene	1.4E-12			2.8E-03	9.4E-04		3.7E-03
Perylene							
Phenanthrene							
Pyrene	6.7E-12	1.7E-10	3.1E-10				4.9E-10
Particulate							
Particulate Total Suspended Particulate							
PM<10							
PM<2.5							
PCBs							
Dichlorobiphenyl	8.7E-11	1.8E-10	3.1E-10				5.8E-10
Heptachlorobiphenyl	1.1E-11	7.2E-11	1.2E-10	5.4E-08	1.8E-08	2.9E-13	7.2E-08
Hexachlorobiphenyl	4.6E-11	3.0E-10	5.1E-10	2.2E-04	7.2E-05	1.2E-09	2.9E-04
Monochlorobiphenyl	6.1E-10	1.3E-09	2.2E-09				4.1E-09
Nonachlorobiphenyl	1.4E-12	1.0E-11	1.7E-11				2.9E-11
Octachlorobiphenyl	3.4E-12	2.2E-11	3.7E-11				6.3E-11
Pentachlorobiphenyl	1.5E-10	1.0E-09	1.8E-09	2.4E-03	7.8E-04	1.3E-08	3.1E-03
Tetrachlorobiphenyl	2.6E-11	6.0E-11	1.0E-10	1.2E-05	4.0E-06	1.5E-11	1.6E-05

Table H-574 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Trichlorobiphenyl	3.4E-11	7.6E-11	1.3E-10				2.4E-10
SVOCs							
1,2,4-trichlorobenzene				5.9E-06	2.0E-06		7.9E-06
1,2-dichlorobenzene	3.1E-17			1.3E-08	4.4E-09		1.8E-08
1,3-dichlorobenzene							
1,4-dichlorobenzene	1.3E-15			1.2E-07	3.9E-08		1.5E-07
2,4-Dimethylphenol	1.3E-13						1.3E-13
2-Chlorophenol	2.6E-14						2.6E-14
2-Methylphenol	1.1E-12			5.3E-06	1.8E-06		7.1E-06
2-Nitrophenol							
3-Methylphenol & 4-Methylphenol							
4-Nitrophenol							
Acetophenone	3.9E-14						3.9E-14
Benzoic acid	4.0E-15						4.0E-15
Benzyl alcohol	9.8E-17						9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	6.0E-09	1.4E-08				2.0E-08
Butyl benzyl phthalate	8.8E-13	3.3E-13	7.9E-13				2.0E-12
Carbazole							
Dibenzofuran		2.9E-12	2.3E-11				2.5E-11
Dimethyl phthalate							
Di-n-butyl phthalate	1.7E-11	6.7E-13	1.6E-12				1.9E-11
Di-n-octyl phthalate	1.3E-15	8.7E-12	2.1E-11				2.9E-11
Hexachlorobutadiene	6.7E-12						6.7E-12

Table H-574 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Phenol	4.9E-13			8.5E-05	2.8E-05		1.1E-04
Pyridine	7.7E-12						7.7E-12
TRS							
Total Reduced Sulfur							
VOCs							
1,1,1,2-Tetrachloroethane	9.0E-17						9.0E-17
1,1,1-Trichloroethane	8.8E-20			1.4E-09	4.5E-10		1.8E-09
1,1-Dichloroethene	1.2E-19			3.2E-09	1.1E-09		4.2E-09
1,2,3-Trichlorobenzene	2.3E-13						2.3E-13
1,2,3-Trichloropropane	2.7E-16			8.8E-06	2.9E-06		1.2E-05
1,2,4-Trimethylbenzene				3.9E-05	1.3E-05		5.1E-05
1,2-Dibromoethane	4.1E-17			1.9E-07	6.2E-08		2.5E-07
1,2-Dichloroethane	1.9E-15			2.0E-05	6.8E-06		2.7E-05
1,3,5-Trimethylbenzene	6.0E-15						6.0E-15
1,3-Dichloropropane							
2-Butanone	4.1E-15			3.6E-07	1.2E-07		4.8E-07
2-Chlorotoluene							
2-Hexanone				1.1E-05	3.7E-06		1.5E-05
Benzene	4.9E-13			1.5E-03	5.2E-04		2.1E-03
Bromobenzene				1.5E-05	5.0E-06		2.0E-05
Bromochloromethane				5.4E-08	1.8E-08		7.1E-08
Bromodichloromethane	1.6E-17						1.6E-17
Bromomethane	9.6E-16			3.1E-05	1.0E-05		4.2E-05

Table H-574 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
Carbon disulfide	1.3E-17			1.9E-07	6.4E-08		2.5E-07
Carbon tetrachloride	3.4E-17			5.3E-08	1.8E-08		7.1E-08
Chlorobenzene	2.3E-15			4.7E-06	1.6E-06		6.2E-06
Chlorodibromomethane	9.1E-16						9.1E-16
Chloroethane				4.3E-08	1.4E-08		5.8E-08
Chloroform	2.8E-16			5.3E-07	1.8E-07		7.1E-07
Chloromethane				1.4E-05	4.7E-06		1.9E-05
cis-1,2-Dichloroethene	1.9E-15						1.9E-15
cis-1,3-Dichloropropene							
Dibromomethane				1.2E-06	4.1E-07		1.7E-06
Dichlorodifluoromethane	2.4E-20			6.0E-08	2.0E-08		8.1E-08
Ethylbenzene	1.5E-14			1.0E-05	3.4E-06		1.3E-05
Isopropylbenzene	2.0E-17			1.8E-06	6.1E-07		2.5E-06
m&p-Xylene							
Methyl Isobutyl Ketone (4-methyl-2				2.9E-09	9.6E-10		3.9E-09
Methylene chloride	4.3E-15			1.5E-06	5.0E-07		2.0E-06
n-Butylbenzene							
n-Propylbenzene				4.2E-07	1.4E-07		5.6E-07
o-Xylene	1.4E-15			1.0E-05	3.5E-06		1.4E-05
p-Chlorotoluene							
p-Isopropyltoluene							
sec-Butylbenzene							
Styrene	4.7E-14			2.5E-05	8.5E-06		3.4E-05

Table H-574 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
tert-Butylbenzene							
Tetrachloroethene	1.1E-16			1.4E-07	4.8E-08		1.9E-07
Toluene	2.0E-14			3.4E-06	1.1E-06		4.5E-06
trans-1,2-Dichloroethene	2.9E-15						2.9E-15
trans-1,3-Dichloropropene							
Trichloroethene	1.4E-17			8.8E-08	2.9E-08		1.2E-07
Trichlorofluoromethane	3.5E-20						3.5E-20
Vinyl chloride	1.6E-16			1.6E-06	5.5E-07		2.2E-06
Grand Total	4.8E-09	7.6E-07	4.0E-05	1.0E-01	3.5E-02	3.0E-07	1.4E-01

Table H-575 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas							
Hydrogen Chloride							
Aldehydes							
Acetaldehyde				1.3E-08	4.4E-09		1.8E-08
Formaldehyde				3.1E-08	1.0E-08		4.1E-08
Propionaldehyde							
CO							
Carbon monoxide							
CO2							
Carbon dioxide							
Criteria							
Sulfur Dioxide							
DIOXINS							
1,2,3,4,6,7,8-HpCDD	1.3E-16	9.4E-12	1.3E-10	1.5E-09	5.0E-10	5.3E-16	2.1E-09
1,2,3,4,6,7,8-HpCDF	1.3E-16	9.4E-12	1.3E-10	1.5E-09	5.0E-10	5.3E-16	2.2E-09
1,2,3,4,7,8,9-HpCDF	2.1E-17	1.1E-12	1.6E-11	2.0E-10	6.5E-11	6.4E-17	2.8E-10
1,2,3,4,7,8-HxCDD	1.6E-15	1.1E-11	1.5E-10	1.8E-09	6.1E-10	6.2E-16	2.6E-09
1,2,3,4,7,8-HxCDF	1.1E-14	8.7E-11	1.2E-09	1.5E-08	4.9E-09	4.9E-15	2.1E-08
1,2,3,6,7,8-HxCDD	3.2E-15	2.2E-11	3.2E-10	3.9E-09	1.3E-09	1.3E-15	5.5E-09
1,2,3,6,7,8-HxCDF	4.1E-15	2.9E-11	4.1E-10	4.8E-09	1.6E-09	1.6E-15	6.9E-09
1,2,3,7,8,9-HxCDD	4.4E-15	3.5E-11	5.0E-10	5.8E-09	1.9E-09	2.0E-15	8.3E-09
1,2,3,7,8,9-HxCDF	3.5E-16	2.1E-12	2.9E-11	3.7E-10	1.2E-10	1.2E-16	5.3E-10
1,2,3,7,8-PeCDD	1.0E-13	1.3E-10	1.8E-09	2.3E-08	7.8E-09	7.1E-15	3.3E-08

Table H-575 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
1,2,3,7,8-PeCDF	7.1E-15	7.4E-12	1.0E-10	1.7E-09	5.6E-10	4.2E-16	2.3E-09
2,3,4,6,7,8-HxCDF	6.0E-15	4.4E-11	6.1E-10	7.4E-09	2.5E-09	2.5E-15	1.1E-08
2,3,4,7,8-PeCDF	1.1E-13	1.8E-10	2.5E-09	3.7E-08	1.2E-08	1.0E-14	5.3E-08
2,3,7,8-TCDD	3.5E-14	1.9E-11	2.7E-10	7.7E-09	2.6E-09	7.5E-13	1.1E-08
2,3,7,8-TCDF	1.2E-14	4.8E-12	6.7E-11	3.5E-09	1.2E-09	2.7E-16	4.7E-09
OCDD	1.8E-20	6.2E-14	8.8E-13	9.9E-12	3.3E-12	3.5E-18	1.4E-11
OCDF	6.7E-21	2.3E-14	3.3E-13	3.7E-12	1.2E-12	1.3E-18	5.2E-12
HCN							
Hydrogen cyanide							
Metals							
Antimony							
Arsenic	1.4E-16	3.7E-17	1.9E-16	1.1E-08	3.5E-09	2.1E-20	1.4E-08
Barium							
Beryllium				4.1E-10	1.4E-10	1.2E-18	5.4E-10
Cadmium				5.6E-09	1.9E-09	7.1E-19	7.4E-09
Chromium							
Cobalt				1.9E-07	6.3E-08	6.4E-13	2.5E-07
Copper							
Lead							
Manganese							
Mercury (+2)							
Mercury, elemental							
Methyl Mercury							

Table H-575 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Nickel				3.6E-09	1.2E-09	5.1E-19	4.8E-09
Phosphorus							
Selenium							
Silver							
Titanium							
Zinc							
NOx							
NOx (Oxides of Nitrogen)							
PAHs							
1-Methylnaphthalene		7.2E-17	2.3E-16				3.1E-16
1-Methylphenanthrene							
2,3,5-Trimethylnaphthalene							
2,6-Dimethylnaphthalene							
2-Methylnaphthalene							
Acenaphthylene							
Acenaphthene							
Anthracene							
Benzo(a)anthracene	2.7E-12	7.3E-11	2.4E-10	8.9E-09	3.0E-09	1.5E-13	1.2E-08
Benzo(a)pyrene	1.3E-11	3.2E-10	1.0E-09	3.4E-08	1.1E-08	2.1E-15	4.6E-08
Benzo(b)fluoranthene	3.7E-13	1.7E-12	5.5E-12	3.6E-09	1.2E-09	1.1E-17	4.8E-09
Benzo(e)pyrene							
Benzo(g,h,i)perylene							
Benzo(k)fluoranthene	2.7E-16	8.4E-14	2.7E-13	1.4E-11	4.8E-12	5.6E-18	1.9E-11

Table H-575 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Biphenyl			1.0E-15				1.0E-15
Chrysene	4.7E-15	8.4E-13	2.7E-12	1.5E-09	4.8E-10	5.6E-17	1.9E-09
Dibenze(a,h)anthracene	6.6E-13	1.1E-10	3.4E-10	5.7E-09	1.9E-09	7.7E-16	8.1E-09
Fluoranthene							
Fluorene							
Indeno(1,2,3-cd)pyrene	1.7E-13	3.0E-11	9.8E-11	1.7E-09	5.8E-10	2.0E-16	2.5E-09
Napthalene				2.5E-08	8.2E-09		3.3E-08
Perylene							
Phenanthrene							
Pyrene							
Particulate							
Particulate Total Suspended Particulate							
PM<10							
PM<2.5							
PCBs							
Dichlorobiphenyl	4.8E-17	2.5E-16	7.6E-16	8.9E-12	3.0E-12	5.7E-18	1.2E-11
Heptachlorobiphenyl	5.2E-17	8.0E-16	2.4E-15	3.4E-12	1.1E-12	9.9E-18	4.6E-12
Hexachlorobiphenyl	2.1E-16	3.4E-15	1.0E-14	1.4E-11	4.6E-12	4.1E-17	1.8E-11
Monochlorobiphenyl	3.4E-16	1.8E-15	5.3E-15	6.2E-11	2.1E-11	4.0E-17	8.3E-11
Nonachlorobiphenyl	6.5E-18	1.1E-16	3.4E-16	4.2E-13	1.4E-13	1.4E-18	5.7E-13
Octachlorobiphenyl	1.5E-17	2.5E-16	7.4E-16	1.0E-12	3.4E-13	3.0E-18	1.4E-12
Pentachlorobiphenyl	7.0E-16	1.2E-14	3.5E-14	4.6E-11	1.5E-11	1.4E-16	6.1E-11
Tetrachlorobiphenyl	1.4E-17	8.2E-17	2.5E-16	2.6E-12	8.8E-13	1.9E-18	3.5E-12

Table H-575 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Trichlorobiphenyl	1.9E-17	1.0E-16	3.1E-16	3.5E-12	1.2E-12	2.3E-18	4.6E-12
SVOCs							
1,2,4-trichlorobenzene							
1,2-dichlorobenzene							
1,3-dichlorobenzene							
1,4-dichlorobenzene	5.6E-20			8.7E-11	2.9E-11		1.2E-10
2,4-Dimethylphenol							
2-Chlorophenol							
2-Methylphenol							
2-Nitrophenol							
3-Methylphenol & 4-Methylphenol							
4-Nitrophenol							
Acetophenone							
Benzoic acid							
Benzyl alcohol							
bis(2-Ethylhexyl) phthalate	7.8E-16	8.6E-13	3.6E-12	2.1E-09	6.9E-10	8.6E-18	2.8E-09
Butyl benzyl phthalate	3.8E-17	6.5E-17	2.7E-16				3.8E-16
Carbazole							
Dibenzofuran							
Dimethyl phthalate							
Di-n-butyl phthalate							
Di-n-octyl phthalate							
Hexachlorobutadiene	6.0E-17			2.0E-09	6.8E-10		2.7E-09

Table H-575 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Phenol							
Pyridine							
TRS							
Total Reduced Sulfur							
VOCs							
1,1,1,2-Tetrachloroethane	7.9E-21			3.9E-12	1.3E-12		5.3E-12
1,1,1-Trichloroethane							
1,1-Dichloroethene							
1,2,3-Trichlorobenzene							
1,2,3-Trichloropropane	2.0E-17						2.0E-17
1,2,4-Trimethylbenzene							
1,2-Dibromoethane	8.4E-20			8.7E-11	2.9E-11		1.2E-10
1,2-Dichloroethane	1.2E-19			3.2E-10	1.1E-10		4.2E-10
1,3,5-Trimethylbenzene							
1,3-Dichloropropane							
2-Butanone							
2-Chlorotoluene							
2-Hexanone							
Benzene	1.2E-17			3.1E-08	1.0E-08		4.1E-08
Bromobenzene							
Bromochloromethane							
Bromodichloromethane	2.2E-21			7.3E-12	2.4E-12		9.8E-12
Bromomethane							

Table H-575 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Carbon disulfide							
Carbon tetrachloride	1.1E-21			2.7E-12	9.1E-13		3.6E-12
Chlorobenzene							
Chlorodibromomethane	1.7E-19						1.7E-19
Chloroethane							
Chloroform	9.9E-21			1.0E-10	3.4E-11		1.4E-10
Chloromethane							
cis-1,2-Dichloroethene							
cis-1,3-Dichloropropene							
Dibromomethane							
Dichlorodifluoromethane							
Ethylbenzene	1.9E-18			2.2E-09	7.2E-10		2.9E-09
Isopropylbenzene							
m&p-Xylene							
Methyl Isobutyl Ketone (4-methyl-2							
Methylene chloride	3.1E-20			4.1E-12	1.4E-12		5.5E-12
n-Butylbenzene							
n-Propylbenzene							
o-Xylene							
p-Chlorotoluene							
p-Isopropyltoluene							
sec-Butylbenzene							
Styrene							

Table H-575 (Cancer Risk)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
tert-Butylbenzene							
Tetrachloroethene	1.6E-22			1.3E-13	4.3E-14		1.7E-13
Toluene							
trans-1,2-Dichloroethene							
trans-1,3-Dichloropropene							
Trichloroethene	1.9E-22			3.3E-13	1.1E-13		4.4E-13
Trichlorofluoromethane							
Vinyl chloride	2.1E-19			3.3E-10	1.1E-10		4.4E-10
Grand Total	1.8E-11	1.1E-09	9.9E-09	4.9E-07	1.6E-07	1.6E-12	6.6E-07

Table H-576 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas							
Hydrogen Chloride				2.0E-03	6.8E-04		2.7E-03
Aldehydes							
Acetaldehyde				7.9E-03	2.6E-03		1.0E-02
Formaldehyde	3.0E-12			2.8E-03	9.4E-04		3.8E-03
Propionaldehyde				9.8E-04	3.3E-04	2.0E-10	1.3E-03
CO							
Carbon monoxide							
CO2							
Carbon dioxide							
Criteria							
Sulfur Dioxide							
DIOXINS							
1,2,3,4,6,7,8-HpCDD							
1,2,3,4,6,7,8-HpCDF							
1,2,3,4,7,8,9-HpCDF							
1,2,3,4,7,8-HxCDD							
1,2,3,4,7,8-HxCDF							
1,2,3,6,7,8-HxCDD							
1,2,3,6,7,8-HxCDF							
1,2,3,7,8,9-HxCDD							
1,2,3,7,8,9-HxCDF							
1,2,3,7,8-PeCDD							

Table H-576 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
1,2,3,7,8-PeCDF							
2,3,4,6,7,8-HxCDF							
2,3,4,7,8-PeCDF							
2,3,7,8-TCDD	4.8E-09	4.5E-06	6.3E-05	5.9E-05	2.0E-05	1.1E-08	1.5E-04
2,3,7,8-TCDF							
OCDD							
OCDF							
HCN							
Hydrogen cyanide				1.1E-02	3.5E-03		1.4E-02
Metals							
Antimony	5.2E-14						5.2E-14
Arsenic	3.6E-12	9.6E-13	8.1E-12	1.9E-03	6.4E-04	3.7E-15	2.5E-03
Barium	1.5E-11		5.8E-06	9.2E-03	3.1E-03	3.2E-08	1.2E-02
Beryllium	2.2E-14		2.1E-10	9.9E-05	3.3E-05	2.9E-13	1.3E-04
Cadmium	1.1E-11		3.3E-10	3.6E-03	1.2E-03	4.6E-13	4.8E-03
Chromium	2.3E-15		2.3E-08				2.3E-08
Cobalt			3.6E-04	4.1E-02	1.4E-02	2.4E-07	5.5E-02
Copper			3.4E-06				3.4E-06
Lead							
Manganese							
Mercury (+2)			3.8E-08	3.8E-06	1.3E-06	5.2E-13	5.1E-06
Mercury, elemental				1.6E-08	5.2E-09		2.1E-08
Methyl Mercury	1.2E-10		8.4E-09				8.5E-09

Table H-576 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Nickel	2.2E-13		8.3E-11	1.8E-03	6.0E-04	2.5E-13	2.4E-03
Phosphorus			1.5E-07				1.5E-07
Selenium	7.3E-14		3.3E-12	4.2E-07	1.4E-07	1.1E-17	5.5E-07
Silver	5.5E-14		6.7E-08				6.7E-08
Titanium							
Zinc	1.8E-11		2.3E-10				2.5E-10
NOx							
NOx (Oxides of Nitrogen)							
PAHs							
1-Methylnaphthalene		4.2E-13	1.3E-12				1.8E-12
1-Methylphenanthrene							
2,3,5-Trimethylnaphthalene							
2,6-Dimethylnaphthalene							
2-Methylnaphthalene		7.1E-12	2.3E-11				3.0E-11
Acenaphthylene							
Acenaphthene	7.5E-14						7.5E-14
Anthracene	1.9E-13						1.9E-13
Benzo(a)anthracene							
Benzo(a)pyrene							
Benzo(b)fluoranthene							
Benzo(e)pyrene							
Benzo(g,h,i)perylene							
Benzo(k)fluoranthene							

Table H-576 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Biphenyl			3.0E-12	1.6E-02	5.3E-03	6.1E-10	2.1E-02
Chrysene							
Dibenze(a,h)anthracene							
Fluoranthene	9.2E-12	2.1E-10	6.7E-10				8.8E-10
Fluorene	2.0E-12						2.0E-12
Indeno(1,2,3-cd)pyrene							
Napthalene	1.8E-12			2.8E-03	9.4E-04		3.7E-03
Perylene							
Phenanthrene							
Pyrene	8.9E-12	1.0E-09	3.3E-09				4.4E-09
Particulate							
Particulate Total Suspended Particulate							
PM<10							
PM<2.5							
PCBs							
Dichlorobiphenyl	1.1E-10	1.1E-09	3.3E-09				4.5E-09
Heptachlorobiphenyl	1.5E-11	4.3E-10	1.3E-09	5.4E-08	1.8E-08	2.9E-13	7.4E-08
Hexachlorobiphenyl	6.1E-11	1.8E-09	5.5E-09	2.2E-04	7.2E-05	1.2E-09	2.9E-04
Monochlorobiphenyl	8.0E-10	7.7E-09	2.3E-08				3.2E-08
Nonachlorobiphenyl	1.9E-12	6.1E-11	1.9E-10				2.5E-10
Octachlorobiphenyl	4.5E-12	1.3E-10	4.0E-10				5.4E-10
Pentachlorobiphenyl	2.0E-10	6.2E-09	1.9E-08	2.4E-03	7.8E-04	1.3E-08	3.1E-03
Tetrachlorobiphenyl	3.4E-11	3.6E-10	1.1E-09	1.2E-05	4.0E-06	1.5E-11	1.6E-05

Table H-576 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Trichlorobiphenyl	4.5E-11	4.5E-10	1.4E-09				1.9E-09
SVOCs							
1,2,4-trichlorobenzene				5.9E-06	2.0E-06		7.9E-06
1,2-dichlorobenzene	4.0E-17			1.3E-08	4.4E-09		1.8E-08
1,3-dichlorobenzene							
1,4-dichlorobenzene	1.7E-15			1.2E-07	3.9E-08		1.5E-07
2,4-Dimethylphenol	1.7E-13						1.7E-13
2-Chlorophenol	3.4E-14						3.4E-14
2-Methylphenol	1.4E-12			5.3E-06	1.8E-06		7.1E-06
2-Nitrophenol							
3-Methylphenol & 4-Methylphenol							
4-Nitrophenol							
Acetophenone	5.2E-14						5.2E-14
Benzoic acid	5.2E-15						5.2E-15
Benzyl alcohol	1.3E-16						1.3E-16
bis(2-Ethylhexyl) phthalate	3.2E-11	3.6E-08	1.5E-07				1.9E-07
Butyl benzyl phthalate	1.2E-12	2.0E-12	8.4E-12				1.2E-11
Carbazole							
Dibenzofuran		1.7E-11	2.4E-10				2.6E-10
Dimethyl phthalate							
Di-n-butyl phthalate	2.2E-11	4.0E-12	1.7E-11				4.3E-11
Di-n-octyl phthalate	1.7E-15	5.2E-11	2.2E-10				2.7E-10
Hexachlorobutadiene	8.9E-12						8.9E-12

Table H-576 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
Phenol	6.5E-13			8.5E-05	2.8E-05		1.1E-04
Pyridine	1.0E-11						1.0E-11
TRS							
Total Reduced Sulfur							
VOCs							
1,1,1,2-Tetrachloroethane	1.2E-16						1.2E-16
1,1,1-Trichloroethane	1.2E-19			1.4E-09	4.5E-10		1.8E-09
1,1-Dichloroethene	1.6E-19			3.2E-09	1.1E-09		4.2E-09
1,2,3-Trichlorobenzene	3.1E-13						3.1E-13
1,2,3-Trichloropropane	3.6E-16			8.8E-06	2.9E-06		1.2E-05
1,2,4-Trimethylbenzene				3.9E-05	1.3E-05		5.1E-05
1,2-Dibromoethane	5.5E-17			1.9E-07	6.2E-08		2.5E-07
1,2-Dichloroethane	2.6E-15			2.0E-05	6.8E-06		2.7E-05
1,3,5-Trimethylbenzene	8.0E-15						8.0E-15
1,3-Dichloropropane							
2-Butanone	5.4E-15			3.6E-07	1.2E-07		4.8E-07
2-Chlorotoluene							
2-Hexanone				1.1E-05	3.7E-06		1.5E-05
Benzene	6.5E-13			1.5E-03	5.2E-04		2.1E-03
Bromobenzene				1.5E-05	5.0E-06		2.0E-05
Bromochloromethane				5.4E-08	1.8E-08		7.1E-08
Bromodichloromethane	2.1E-17						2.1E-17
Bromomethane	1.3E-15			3.1E-05	1.0E-05		4.2E-05

Table H-576 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Carbon disulfide	1.7E-17			1.9E-07	6.4E-08		2.5E-07
Carbon tetrachloride	4.5E-17			5.3E-08	1.8E-08		7.1E-08
Chlorobenzene	3.1E-15			4.7E-06	1.6E-06		6.2E-06
Chlorodibromomethane	1.2E-15						1.2E-15
Chloroethane				4.3E-08	1.4E-08		5.8E-08
Chloroform	3.7E-16			5.3E-07	1.8E-07		7.1E-07
Chloromethane				1.4E-05	4.7E-06		1.9E-05
cis-1,2-Dichloroethene	2.5E-15						2.5E-15
cis-1,3-Dichloropropene							
Dibromomethane				1.2E-06	4.1E-07		1.7E-06
Dichlorodifluoromethane	3.1E-20			6.0E-08	2.0E-08		8.1E-08
Ethylbenzene	2.0E-14			1.0E-05	3.4E-06		1.3E-05
Isopropylbenzene	2.6E-17			1.8E-06	6.1E-07		2.5E-06
m&p-Xylene							
Methyl Isobutyl Ketone (4-methyl-2				2.9E-09	9.6E-10		3.9E-09
Methylene chloride	5.7E-15			1.5E-06	5.0E-07		2.0E-06
n-Butylbenzene							
n-Propylbenzene				4.2E-07	1.4E-07		5.6E-07
o-Xylene	1.8E-15			1.0E-05	3.5E-06		1.4E-05
p-Chlorotoluene							
p-Isopropyltoluene							
sec-Butylbenzene							
Styrene	6.2E-14			2.5E-05	8.5E-06		3.4E-05

Table H-576 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
tert-Butylbenzene							
Tetrachloroethene	1.5E-16			1.4E-07	4.8E-08		1.9E-07
Toluene	2.6E-14			3.4E-06	1.1E-06		4.5E-06
trans-1,2-Dichloroethene	3.9E-15						3.9E-15
trans-1,3-Dichloropropene							
Trichloroethene	1.8E-17			8.8E-08	2.9E-08		1.2E-07
Trichlorofluoromethane	4.6E-20						4.6E-20
Vinyl chloride	2.1E-16			1.6E-06	5.5E-07		2.2E-06
Grand Total	6.3E-09	4.6E-06	4.3E-04	1.0E-01	3.5E-02	3.0E-07	1.4E-01

Table H-577 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			4.5E-11	5.7E-12		5.1E-11
Formaldehyde			1.1E-06	1.4E-11		1.1E-06
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	2.3E-14	9.1E-14	4.6E-12	5.8E-13	1.3E-18	5.3E-12
1,2,3,4,6,7,8-HpCDF	2.3E-14	9.2E-14	4.7E-12	5.8E-13	1.3E-18	5.3E-12
1,2,3,4,7,8,9-HpCDF	2.7E-15	1.1E-14	5.9E-13	7.4E-14	1.5E-19	6.8E-13
1,2,3,4,7,8-HxCDD	2.6E-14	1.0E-13	5.5E-12	6.9E-13	1.5E-18	6.3E-12
1,2,3,4,7,8-HxCDF	2.1E-13	8.2E-13	4.5E-11	5.6E-12	1.2E-17	5.1E-11
1,2,3,6,7,8-HxCDD	5.3E-14	2.1E-13	1.2E-11	1.5E-12	3.0E-18	1.3E-11
1,2,3,6,7,8-HxCDF	6.8E-14	2.7E-13	1.5E-11	1.8E-12	3.8E-18	1.7E-11
1,2,3,7,8,9-HxCDD	8.4E-14	3.3E-13	1.8E-11	2.2E-12	4.8E-18	2.0E-11
1,2,3,7,8,9-HxCDF	4.9E-15	1.9E-14	1.1E-12	1.4E-13	2.7E-19	1.3E-12
1,2,3,7,8-PeCDD	3.0E-13	1.2E-12	7.0E-11	8.8E-12	1.7E-17	8.1E-11

Table H-577 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	1.7E-14	6.9E-14	5.0E-12	6.2E-13	9.8E-19	5.7E-12
2,3,4,6,7,8-HxCDF	1.1E-13	4.2E-13	2.3E-11	2.8E-12	6.0E-18	2.6E-11
2,3,4,7,8-PeCDF	4.2E-13	1.6E-12	1.1E-10	1.4E-11	2.4E-17	1.3E-10
2,3,7,8-TCDD	6.0E-14	2.4E-13	2.8E-11	3.5E-12	2.4E-15	3.2E-11
2,3,7,8-TCDF	1.1E-14	4.3E-14	1.0E-11	1.3E-12	6.2E-19	1.2E-11
OCDD	1.6E-16	6.2E-16	3.1E-14	3.8E-15	8.8E-21	3.5E-14
OCDF	6.0E-17	2.4E-16	1.1E-14	1.4E-15	3.4E-21	1.3E-14
DNT						
2,4-Dinitrotoluene	1.8E-09	2.1E-09			3.0E-14	3.9E-09
2,6-Dinitrotoluene	1.4E-08	1.6E-08				3.0E-08
HCN						
Hydrogen cyanide						
Metals						
Aluminum						
Antimony						
Arsenic	1.3E-08	3.0E-08	3.6E-11	4.6E-12	7.1E-12	4.3E-08
Barium						
Beryllium			1.5E-12	1.8E-13	1.8E-21	1.7E-12
Cadmium			1.9E-11	2.4E-12	1.0E-21	2.2E-11
Chromium						
Cobalt			1.3E-09	1.6E-10	1.2E-10	1.5E-09
Copper						
Iron						

Table H-577 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Lead						
Manganese						
Mercury (+2)						
Mercury, elemental						
Methyl Mercury						
Nickel			1.3E-11	1.6E-12	7.3E-11	8.8E-11
Phosphorus						
Selenium						
Silver						
Thallium (Soluble Salts)						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	9.9E-20	9.0E-20				1.9E-19
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						

Table H-577 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(a)anthracene	1.6E-09	1.5E-09	4.7E-12	5.9E-13	3.4E-12	3.1E-09
Benzo(a)pyrene	2.8E-08	2.5E-08	1.8E-11	2.3E-12	1.8E-13	5.3E-08
Benzo(b)fluoranthene	5.9E-09	5.4E-09	2.1E-12	2.6E-13	4.0E-14	1.1E-08
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	3.8E-11	3.4E-11	1.8E-14	2.3E-15	2.5E-15	7.2E-11
Biphenyl		3.8E-19				3.8E-19
Chrysene	2.4E-11	2.1E-11	8.0E-13	1.0E-13	1.6E-15	4.6E-11
Dibenze(a,h)anthracene	1.0E-09	9.4E-10	3.2E-12	4.0E-13	7.6E-15	2.0E-09
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	1.5E-09	1.3E-09	9.7E-13	1.2E-13	9.9E-15	2.8E-09
Napthalene			7.2E-11	9.0E-12		8.1E-11
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	5.8E-19	4.9E-19	2.7E-14	3.3E-15	1.3E-20	3.0E-14
Heptachlorobiphenyl	1.9E-18	1.6E-18	1.0E-14	1.3E-15	2.3E-20	1.2E-14

Table H-577 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Hexachlorobiphenyl	8.6E-18	7.3E-18	4.3E-14	5.4E-15	1.1E-19	4.9E-14
Monochlorobiphenyl	4.0E-18	3.4E-18	1.8E-13	2.3E-14	9.0E-20	2.1E-13
Nonachlorobiphenyl	3.4E-19	2.8E-19	1.5E-15	1.8E-16	4.1E-21	1.6E-15
Octachlorobiphenyl	6.2E-19	5.2E-19	3.2E-15	4.0E-16	7.6E-21	3.6E-15
Pentachlorobiphenyl	3.1E-17	2.6E-17	1.5E-13	1.9E-14	3.8E-19	1.7E-13
Tetrachlorobiphenyl	2.2E-19	1.9E-19	8.6E-15	1.1E-15	5.0E-21	9.7E-15
Trichlorobiphenyl	2.6E-19	2.2E-19	1.1E-14	1.4E-15	6.0E-21	1.2E-14
Pesticides						
DDE		2.5E-10			2.3E-12	2.5E-10
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-Butadiene			1.4E-08			1.4E-08
1,3-dichlorobenzene						
1,4-dichlorobenzene			2.4E-13	3.0E-14		2.7E-13
1,4-Dioxane			5.2E-09			5.2E-09
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						

Table H-577 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	1.3E-15	1.6E-15	6.5E-12	8.1E-13	1.3E-20	7.3E-12
Butyl benzyl phthalate	8.8E-20	1.0E-19				1.9E-19
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			1.4E-11	1.7E-12		1.6E-11
Isopropanol						
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			1.4E-14	1.8E-15		1.6E-14
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			5.9E-13	7.4E-14		6.7E-13

Table H-577 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
1,2-Dichloroethane			1.3E-08	3.7E-10		1.3E-08
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						
2-Chlorotoluene						
2-Hexanone						
Benzene			9.4E-09	1.1E-09		1.0E-08
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			5.0E-14	6.3E-15		5.7E-14
Bromomethane						
Carbon disulfide						
Carbon tetrachloride			1.3E-08	1.3E-09		1.4E-08
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			8.3E-09	7.9E-10		9.0E-09
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			3.4E-09	8.7E-13		3.4E-09

Table H-577 (Cancer Risk)

ACI Lifetime (yrs)	30
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Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			2.6E-15	3.2E-16		2.9E-15
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethene			4.5E-16	5.6E-17		5.1E-16
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			2.7E-10	5.3E-17		2.7E-10
Trichlorofluoromethane						
Vinyl chloride			3.1E-13	3.9E-14		3.5E-13
Grand Total	6.6E-08	8.3E-08	1.1E-06	3.8E-09	2.1E-10	1.3E-06

Table H-578 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			4.2E-05	5.2E-06		4.7E-05
Aldehydes						
Acetaldehyde			1.6E-04	2.0E-05		1.8E-04
Formaldehyde			5.8E-01	7.9E-06		5.8E-01
Propionaldehyde			2.0E-05	2.5E-06	2.1E-12	2.2E-05
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-578 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	7.9E-08	3.1E-07	1.3E-06	1.6E-07	1.8E-10	1.8E-06
2,3,7,8-TCDF						
OCDD						
OCDF						
DNT						
2,4-Dinitrotoluene	2.0E-04	2.4E-04				4.4E-04
2,6-Dinitrotoluene	2.1E-03	2.5E-03				4.7E-03
HCN						
Hydrogen cyanide			2.0E-04	2.5E-05		2.2E-04
Metals						
Aluminum		7.9E-03			7.7E-05	7.9E-03
Antimony		7.6E-04				7.6E-04
Arsenic	2.0E-03	4.7E-03	4.0E-05	4.9E-06	7.7E-06	6.8E-03
Barium		2.2E-08	2.5E-04	3.1E-05	4.3E-10	2.8E-04
Beryllium		5.2E-13	2.1E-06	2.7E-07	2.6E-15	2.4E-06
Cadmium		8.2E-13	7.6E-05	9.5E-06	4.0E-15	8.5E-05
Chromium		6.4E-11				6.4E-11
Cobalt		6.5E-02	1.6E-03	2.0E-04	1.6E-04	6.7E-02
Copper		1.1E-08				1.1E-08
Iron		2.4E-02				2.4E-02

Table H-578 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
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Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Lead						
Manganese						
Mercury (+2)		2.1E-10	7.8E-08	9.8E-09	1.0E-14	8.8E-08
Mercury, elemental			3.3E-10	4.1E-11	9.6E-05	9.6E-05
Methyl Mercury		3.8E-11				3.8E-11
Nickel		2.0E-02	3.9E-05	4.8E-06	2.2E-04	2.0E-02
Phosphorus		3.7E-10				3.7E-10
Selenium		8.1E-15	8.7E-09	1.1E-09	9.9E-20	9.8E-09
Silver		1.7E-10				1.7E-10
Thallium (Soluble Salts)		1.1E-02				1.1E-02
Titanium						
Zinc		6.1E-13				6.1E-13
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.4E-15	3.1E-15				6.5E-15
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	5.8E-14	5.2E-14				1.1E-13
Acenaphthylene						
Acenaphthene						
Anthracene						

Table H-578 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						
Biphenyl		6.7E-15	2.8E-04	3.5E-05	4.9E-12	3.1E-04
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	1.7E-12	1.5E-12				3.2E-12
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene			5.0E-05	6.2E-06		5.6E-05
Perylene						
Phenanthrene						
Pyrene	9.3E-12	8.5E-12				1.8E-11
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	1.4E-11	1.2E-11				2.6E-11
Heptachlorobiphenyl	5.8E-12	4.9E-12	9.8E-10	1.2E-10	3.8E-15	1.1E-09

Table H-578 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Hexachlorobiphenyl	2.6E-11	2.2E-11	4.1E-06	5.1E-07	1.7E-11	4.6E-06
Monochlorobiphenyl	9.8E-11	8.3E-11				1.8E-10
Nonachlorobiphenyl	1.0E-12	8.6E-13				1.9E-12
Octachlorobiphenyl	1.9E-12	1.6E-12				3.5E-12
Pentachlorobiphenyl	9.4E-11	8.0E-11	4.6E-05	5.7E-06	2.0E-10	5.1E-05
Tetrachlorobiphenyl	5.4E-12	4.5E-12	2.3E-07	2.9E-08	2.3E-13	2.6E-07
Trichlorobiphenyl	6.5E-12	5.5E-12				1.2E-11
Pesticides						
DDE						
SVOCs						
1,2,4-trichlorobenzene			1.3E-07	1.7E-08		1.5E-07
1,2-dichlorobenzene			5.4E-10	6.8E-11		6.1E-10
1,3-Butadiene			1.6E-02			1.6E-02
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.9E-09	2.4E-10		2.1E-09
1,4-Dioxane			2.4E-03			2.4E-03
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			9.3E-08	1.2E-08		1.0E-07
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						

Table H-578 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-10	4.0E-10				7.4E-10
Butyl benzyl phthalate	1.6E-14	1.9E-14				3.6E-14
Carbazole						
Dibenzofuran	1.4E-13	5.7E-13				7.1E-13
Dimethyl phthalate						
Di-n-butyl phthalate	3.3E-14	3.9E-14				7.1E-14
Di-n-octyl phthalate	9.4E-13	1.1E-12				2.1E-12
Hexachlorobutadiene						
Isopropanol			4.1E-03			4.1E-03
Phenol			1.5E-06	1.9E-07		1.7E-06
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			2.7E-11	3.3E-12		3.0E-11
1,1-Dichloroethene			1.3E-10	1.6E-11		1.5E-10
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.6E-07	4.5E-08		4.1E-07
1,2,4-Trimethylbenzene			8.9E-07	1.1E-07		1.0E-06
1,2-Dibromoethane			7.7E-09	9.6E-10		8.6E-09

Table H-578 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
1,2-Dichloroethane			4.9E-03	1.4E-04		5.0E-03
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone			6.6E-09	8.3E-10		7.4E-09
2-Chlorotoluene						
2-Hexanone			2.3E-07	2.8E-08		2.5E-07
Benzene			2.8E-03	3.2E-04		3.1E-03
Bromobenzene			6.2E-07	7.8E-08		7.0E-07
Bromochloromethane			2.2E-09	2.8E-10		2.5E-09
Bromodichloromethane						
Bromomethane			7.6E-07	9.5E-08		8.6E-07
Carbon disulfide			4.8E-09	6.0E-10		5.4E-09
Carbon tetrachloride			1.5E-03	1.5E-04		1.6E-03
Chlorobenzene			9.6E-08	1.2E-08		1.1E-07
Chlorodibromomethane						
Chloroethane			9.1E-10	1.1E-10		1.0E-09
Chloroform			2.6E-04	2.4E-05		2.8E-04
Chloromethane			3.4E-07	4.3E-08		3.9E-07
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			5.1E-08	6.4E-09		5.7E-08
Dichlorodifluoromethane			2.5E-09	3.1E-10		2.8E-09
Ethylbenzene			9.6E-05	2.4E-08		9.6E-05

Table H-578 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Isopropylbenzene			3.9E-08	4.9E-09		4.4E-08
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.2E-10	1.5E-11		1.3E-10
Methylene chloride			3.0E-08	3.8E-09		3.4E-08
n-Butylbenzene						
n-Propylbenzene			9.4E-09	1.2E-09		1.1E-08
o-Xylene			2.3E-07	2.9E-08		2.6E-07
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			5.1E-07	6.4E-08		5.7E-07
tert-Butylbenzene						
Tetrachloroethene			3.0E-09	3.8E-10		3.4E-09
Toluene			6.3E-08	7.9E-09		7.1E-08
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			2.3E-03	4.5E-10		2.3E-03
Trichlorofluoromethane						
Vinyl chloride			5.0E-08	6.2E-09		5.6E-08
Grand Total	4.3E-03	1.4E-01	6.2E-01	1.0E-03	5.6E-04	7.6E-01

Table H-579 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						4.5E-11	1.1E-10	5.7E-12	5.7E-12			1.6E-10
Formaldehyde						1.1E-06	2.6E-10	1.4E-11	1.4E-11			1.1E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	2.3E-17	2.3E-14	3.2E-14	9.1E-14	2.5E-13	4.6E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	8.0E-18	1.7E-11
1,2,3,4,6,7,8-HpCDF	2.2E-17	2.3E-14	3.3E-14	9.2E-14	2.6E-13	4.7E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	8.1E-18	1.7E-11
1,2,3,4,7,8,9-HpCDF	3.4E-18	2.7E-15	3.7E-15	1.1E-14	3.0E-14	5.9E-13	1.4E-12	7.4E-14	7.4E-14	1.5E-19	9.3E-19	2.1E-12
1,2,3,4,7,8-HxCDD	2.6E-16	2.6E-14	3.7E-14	1.0E-13	2.9E-13	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.5E-18	9.1E-18	2.0E-11
1,2,3,4,7,8-HxCDF	1.8E-15	2.1E-13	2.9E-13	8.2E-13	2.3E-12	4.5E-11	1.0E-10	5.6E-12	5.6E-12	1.2E-17	7.2E-17	1.6E-10
1,2,3,6,7,8-HxCDD	5.0E-16	5.3E-14	7.5E-14	2.1E-13	5.9E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.0E-18	1.9E-17	4.2E-11
1,2,3,6,7,8-HxCDF	6.6E-16	6.8E-14	9.5E-14	2.7E-13	7.5E-13	1.5E-11	3.4E-11	1.8E-12	1.8E-12	3.8E-18	2.4E-17	5.3E-11
1,2,3,7,8,9-HxCDD	7.2E-16	8.4E-14	1.2E-13	3.3E-13	9.3E-13	1.8E-11	4.1E-11	2.2E-12	2.2E-12	4.8E-18	2.9E-17	6.4E-11
1,2,3,7,8,9-HxCDF	5.3E-17	4.9E-15	6.8E-15	1.9E-14	5.4E-14	1.1E-12	2.6E-12	1.4E-13	1.4E-13	2.7E-19	1.7E-18	4.1E-12
1,2,3,7,8-PeCDD	1.4E-14	3.0E-13	4.1E-13	1.2E-12	3.3E-12	7.0E-11	1.6E-10	8.8E-12	8.8E-12	1.7E-17	1.0E-16	2.6E-10
1,2,3,7,8-PeCDF	9.6E-16	1.7E-14	2.4E-14	6.9E-14	1.9E-13	5.0E-12	1.2E-11	6.2E-13	6.2E-13	9.8E-19	6.0E-18	1.8E-11
2,3,4,6,7,8-HxCDF	9.5E-16	1.1E-13	1.5E-13	4.2E-13	1.2E-12	2.3E-11	5.2E-11	2.8E-12	2.8E-12	6.0E-18	3.7E-17	8.2E-11
2,3,4,7,8-PeCDF	1.5E-14	4.2E-13	5.8E-13	1.6E-12	4.6E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	2.4E-17	1.4E-16	4.1E-10
2,3,7,8-TCDD	4.6E-15	6.0E-14	8.4E-14	2.4E-13	6.6E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	2.4E-15	1.4E-14	1.0E-10
2,3,7,8-TCDF	1.5E-15	1.1E-14	1.5E-14	4.3E-14	1.2E-13	1.0E-11	2.4E-11	1.3E-12	1.3E-12	6.2E-19	3.8E-18	3.7E-11
OCDD	3.1E-21	1.6E-16	2.2E-16	6.2E-16	1.7E-15	3.1E-14	7.1E-14	3.8E-15	3.8E-15	8.8E-21	5.4E-20	1.1E-13
OCDF	1.1E-21	6.0E-17	8.4E-17	2.4E-16	6.6E-16	1.1E-14	2.6E-14	1.4E-15	1.4E-15	3.4E-21	2.1E-20	4.2E-14
DNT												
2,4-Dinitrotoluene		1.8E-09		2.1E-09						3.0E-14		3.9E-09
2,6-Dinitrotoluene		1.4E-08		1.6E-08								3.0E-08
HCN												
Hydrogen cyanide												

Table H-579 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum												
Antimony												
Arsenic	1.7E-17	1.3E-08	4.9E-09	3.0E-08	2.3E-08	3.6E-11	8.4E-11	4.6E-12	4.6E-12	7.1E-12	1.2E-11	7.1E-08
Barium												
Beryllium						1.5E-12	3.4E-12	1.8E-13	1.8E-13	1.8E-21	1.1E-20	5.2E-12
Cadmium						1.9E-11	4.5E-11	2.4E-12	2.4E-12	1.0E-21	6.3E-21	6.9E-11
Chromium												
Cobalt						1.3E-09	2.9E-09	1.6E-10	1.6E-10	1.2E-10	5.1E-10	5.1E-09
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						1.3E-11	3.0E-11	1.6E-12	1.6E-12	7.3E-11	2.8E-10	4.0E-10
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		9.9E-20	1.4E-19	9.0E-20	2.5E-19							5.8E-19
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	6.4E-14	1.6E-09	5.3E-09	1.5E-09	9.7E-09	4.7E-12	1.1E-11	5.9E-13	5.9E-13	3.4E-12	2.1E-11	1.8E-08

Table H-579 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene	3.2E-13	2.8E-08	5.9E-08	2.5E-08	1.1E-07	1.8E-11	4.3E-11	2.3E-12	2.3E-12	1.8E-13	1.7E-12	2.2E-07
Benzo(b)fluoranthene	8.7E-15	5.9E-09	8.2E-09	5.4E-09	1.5E-08	2.1E-12	4.8E-12	2.6E-13	2.6E-13	4.0E-14	2.4E-13	3.4E-08
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	7.1E-18	3.8E-11	4.1E-10	3.4E-11	7.5E-10	1.8E-14	4.2E-14	2.3E-15	2.3E-15	2.5E-15	1.2E-13	1.2E-09
Biphenyl				3.8E-19	1.1E-18							1.4E-18
Chrysene	1.1E-16	2.4E-11	6.0E-11	2.1E-11	1.1E-10	8.0E-13	1.9E-12	1.0E-13	1.0E-13	1.6E-15	1.8E-14	2.2E-10
Dibenze(a,h)anthracene	1.6E-14	1.0E-09	1.5E-08	9.4E-10	2.6E-08	3.2E-12	7.3E-12	4.0E-13	4.0E-13	7.6E-15	4.7E-13	4.3E-08
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	4.0E-15	1.5E-09	3.8E-09	1.3E-09	6.9E-09	9.7E-13	2.2E-12	1.2E-13	1.2E-13	9.9E-15	1.1E-13	1.4E-08
Napthalene						7.2E-11	1.7E-10	9.0E-12	9.0E-12			2.6E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	6.1E-18	5.8E-19	8.1E-19	4.9E-19	1.4E-18	2.7E-14	6.1E-14	3.3E-15	3.3E-15	1.3E-20	8.0E-20	9.4E-14
Heptachlorobiphenyl	6.6E-18	1.9E-18	2.7E-18	1.6E-18	4.5E-18	1.0E-14	2.4E-14	1.3E-15	1.3E-15	2.3E-20	1.4E-19	3.7E-14
Hexachlorobiphenyl	2.7E-17	8.6E-18	1.2E-17	7.3E-18	2.0E-17	4.3E-14	1.0E-13	5.4E-15	5.4E-15	1.1E-19	6.5E-19	1.5E-13
Monochlorobiphenyl	4.3E-17	4.0E-18	5.6E-18	3.4E-18	9.5E-18	1.8E-13	4.3E-13	2.3E-14	2.3E-14	9.0E-20	5.6E-19	6.6E-13
Nonachlorobiphenyl	8.2E-19	3.4E-19	4.7E-19	2.8E-19	8.0E-19	1.5E-15	3.4E-15	1.8E-16	1.8E-16	4.1E-21	2.5E-20	5.2E-15
Octachlorobiphenyl	1.9E-18	6.2E-19	8.6E-19	5.2E-19	1.5E-18	3.2E-15	7.3E-15	4.0E-16	4.0E-16	7.6E-21	4.7E-20	1.1E-14
Pentachlorobiphenyl	8.8E-17	3.1E-17	4.3E-17	2.6E-17	7.3E-17	1.5E-13	3.4E-13	1.9E-14	1.9E-14	3.8E-19	2.3E-18	5.3E-13
Tetrachlorobiphenyl	1.8E-18	2.2E-19	3.1E-19	1.9E-19	5.2E-19	8.6E-15	2.0E-14	1.1E-15	1.1E-15	5.0E-21	3.1E-20	3.1E-14
Trichlorobiphenyl	2.4E-18	2.6E-19	3.7E-19	2.2E-19	6.3E-19	1.1E-14	2.5E-14	1.4E-15	1.4E-15	6.0E-21	3.7E-20	3.9E-14
Pesticides												
DDE				2.5E-10	1.1E-09					2.3E-12	1.4E-11	1.3E-09
Dieldrin			2.3E-09		5.4E-09						1.7E-13	7.7E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												

Table H-579 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
1,3-Butadiene						1.4E-08						1.4E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	7.1E-21					2.4E-13	5.5E-13	3.0E-14	3.0E-14			8.5E-13
1,4-Dioxane						5.2E-09						5.2E-09
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	9.8E-17	1.3E-15	1.9E-15	1.6E-15	4.4E-15	6.5E-12	1.5E-11	8.1E-13	8.1E-13	1.3E-20	8.2E-20	2.3E-11
Butyl benzyl phthalate	4.8E-18	8.8E-20	1.2E-19	1.0E-19	2.9E-19							5.4E-18
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	7.5E-18					1.4E-11	3.2E-11	1.7E-12	1.7E-12			5.0E-11
Isopropanol												
p-Chloroaniline			9.3E-10		2.2E-09							3.1E-09
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	1.0E-21					1.4E-14	3.3E-14	1.8E-15	1.8E-15			5.1E-14
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	4.6E-19											4.6E-19
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	1.1E-20					5.9E-13	1.4E-12	7.4E-14	7.4E-14			2.1E-12

Table H-579 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
1,2-Dichloroethane	1.5E-20					1.3E-08	1.6E-08	3.7E-10	3.7E-10			3.0E-08
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												
Benzene	1.6E-18					9.4E-09	3.0E-08	1.1E-09	1.1E-09			4.2E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	2.8E-22					5.0E-14	1.8E-07	6.3E-15	6.3E-15			1.8E-07
Bromoform							2.4E-08					2.4E-08
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	1.3E-22					1.3E-08	3.3E-08	1.3E-09	1.3E-09			4.9E-08
Chlorobenzene												
Chlorodibromomethane	2.2E-20											2.2E-20
Chloroethane												
Chloroform	1.2E-21					8.3E-09	2.6E-07	7.9E-10	7.9E-10			2.7E-07
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	2.3E-19					3.4E-09	7.9E-09	8.7E-13	8.7E-13			1.1E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	7.4E-22					2.6E-15	6.0E-15	3.2E-16	3.2E-16			9.2E-15
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												

Table H-579 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
tert-Butylbenzene												
Tetrachloroethene	2.0E-23					4.5E-16	1.0E-15	5.6E-17	5.6E-17			1.6E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	4.5E-24					2.7E-10	2.6E-08	5.3E-17	5.3E-17			2.7E-08
Trichlorofluoromethane												
Vinyl chloride	4.9E-21					3.1E-13	7.2E-13	3.9E-14	3.9E-14			1.1E-12
Grand Total	4.5E-13	6.6E-08	9.9E-08	8.3E-08	2.0E-07	1.1E-06	5.8E-07	3.8E-09	3.8E-09	2.1E-10	8.5E-10	2.2E-06

Table H-580 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					5.8E-01	1.5E-04	7.9E-06	7.9E-06			5.8E-01
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
DNT												
2,4-Dinitrotoluene		2.0E-04		2.4E-04								4.4E-04
2,6-Dinitrotoluene		2.1E-03		2.5E-03								4.7E-03
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04

Table H-580 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum				7.9E-03	2.0E-02					7.7E-05	4.2E-04	2.8E-02
Antimony	3.9E-14			7.6E-04	3.6E-03							4.3E-03
Arsenic	2.7E-12	2.0E-03	7.7E-04	4.7E-03	3.6E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	7.7E-06	1.3E-05	1.1E-02
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				6.5E-02	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	1.6E-04	6.6E-04	1.9E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				2.4E-02	5.4E-02							7.8E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	9.6E-05	5.9E-04	6.9E-04
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.0E-02	3.5E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	2.2E-04	8.5E-04	5.7E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Thallium (Soluble Salts)				1.1E-02	1.7E-02							2.7E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												

Table H-580 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	1.1E-04	6.2E-06	6.2E-06			1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
DDE												
Dieldrin			2.0E-04		4.7E-04							6.7E-04
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09

Table H-580 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
1,3-Butadiene						1.6E-02						1.6E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
1,4-Dioxane						2.4E-03						2.4E-03
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						4.1E-03	1.1E-02					1.5E-02
p-Chloroaniline			8.2E-05		1.9E-04							2.8E-04
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08

Table H-580 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,2-Dichloroethane	1.9E-15					4.9E-03	6.3E-03	1.4E-04	1.4E-04			1.1E-02
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.8E-03	9.0E-03	3.2E-04	3.2E-04			1.2E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromoform												
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.5E-03	3.9E-03	1.5E-04	1.5E-04			5.7E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					2.6E-04	8.1E-03	2.4E-05	2.4E-05			8.4E-03
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					9.6E-05	2.2E-04	2.4E-08	2.4E-08			3.2E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06

Table H-580 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.3E-03	2.2E-01	4.5E-10	4.5E-10			2.3E-01
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	5.0E-09	4.3E-03	1.0E-03	1.4E-01	2.6E-01	6.2E-01	2.7E-01	1.0E-03	1.0E-03	5.6E-04	2.5E-03	1.3E+00

Table H-581 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						4.5E-11	1.1E-10	5.7E-12	5.7E-12			1.6E-10
Formaldehyde						1.1E-06	7.3E-06	1.4E-11	1.4E-11			8.4E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	2.3E-17	2.3E-14	3.2E-14	9.1E-14	2.5E-13	4.6E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	8.0E-18	1.7E-11
1,2,3,4,6,7,8-HpCDF	2.2E-17	2.3E-14	3.3E-14	9.2E-14	2.6E-13	4.7E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	8.1E-18	1.7E-11
1,2,3,4,7,8,9-HpCDF	3.4E-18	2.7E-15	3.7E-15	1.1E-14	3.0E-14	5.9E-13	1.4E-12	7.4E-14	7.4E-14	1.5E-19	9.3E-19	2.1E-12
1,2,3,4,7,8-HxCDD	2.6E-16	2.6E-14	3.7E-14	1.0E-13	2.9E-13	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.5E-18	9.1E-18	2.0E-11
1,2,3,4,7,8-HxCDF	1.8E-15	2.1E-13	2.9E-13	8.2E-13	2.3E-12	4.5E-11	1.0E-10	5.6E-12	5.6E-12	1.2E-17	7.2E-17	1.6E-10
1,2,3,6,7,8-HxCDD	5.0E-16	5.3E-14	7.5E-14	2.1E-13	5.9E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.0E-18	1.9E-17	4.2E-11
1,2,3,6,7,8-HxCDF	6.6E-16	6.8E-14	9.5E-14	2.7E-13	7.5E-13	1.5E-11	3.4E-11	1.8E-12	1.8E-12	3.8E-18	2.4E-17	5.3E-11
1,2,3,7,8,9-HxCDD	7.2E-16	8.4E-14	1.2E-13	3.3E-13	9.3E-13	1.8E-11	4.1E-11	2.2E-12	2.2E-12	4.8E-18	2.9E-17	6.4E-11
1,2,3,7,8,9-HxCDF	5.3E-17	4.9E-15	6.8E-15	1.9E-14	5.4E-14	1.1E-12	2.6E-12	1.4E-13	1.4E-13	2.7E-19	1.7E-18	4.1E-12
1,2,3,7,8-PeCDD	1.4E-14	3.0E-13	4.1E-13	1.2E-12	3.3E-12	7.0E-11	1.6E-10	8.8E-12	8.8E-12	1.7E-17	1.0E-16	2.6E-10
1,2,3,7,8-PeCDF	9.6E-16	1.7E-14	2.4E-14	6.9E-14	1.9E-13	5.0E-12	1.2E-11	6.2E-13	6.2E-13	9.8E-19	6.0E-18	1.8E-11
2,3,4,6,7,8-HxCDF	9.5E-16	1.1E-13	1.5E-13	4.2E-13	1.2E-12	2.3E-11	5.2E-11	2.8E-12	2.8E-12	6.0E-18	3.7E-17	8.2E-11
2,3,4,7,8-PeCDF	1.5E-14	4.2E-13	5.8E-13	1.6E-12	4.6E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	2.4E-17	1.4E-16	4.1E-10
2,3,7,8-TCDD	4.6E-15	6.0E-14	8.4E-14	2.4E-13	6.6E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	2.4E-15	1.4E-14	1.0E-10
2,3,7,8-TCDF	1.5E-15	1.1E-14	1.5E-14	4.3E-14	1.2E-13	1.0E-11	2.4E-11	1.3E-12	1.3E-12	6.2E-19	3.8E-18	3.7E-11
OCDD	3.1E-21	1.6E-16	2.2E-16	6.2E-16	1.7E-15	3.1E-14	7.1E-14	3.8E-15	3.8E-15	8.8E-21	5.4E-20	1.1E-13
OCDF	1.1E-21	6.0E-17	8.4E-17	2.4E-16	6.6E-16	1.1E-14	2.6E-14	1.4E-15	1.4E-15	3.4E-21	2.1E-20	4.2E-14
DNT												
2,4-Dinitrotoluene		1.8E-09		2.1E-09						3.0E-14		3.9E-09
2,6-Dinitrotoluene		1.4E-08		1.6E-08								3.0E-08
HCN												
Hydrogen cyanide												

Table H-581 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum												
Antimony												
Arsenic	1.7E-17	1.3E-08	9.8E-09	3.0E-08	4.6E-08	3.6E-11	8.4E-11	4.6E-12	4.6E-12	7.1E-12	2.4E-11	9.9E-08
Barium												
Beryllium						1.5E-12	3.4E-12	1.8E-13	1.8E-13	1.8E-21	1.1E-20	5.2E-12
Cadmium						1.9E-11	4.5E-11	2.4E-12	2.4E-12	1.0E-21	6.3E-21	6.9E-11
Chromium												
Cobalt						1.3E-09	2.9E-09	1.6E-10	1.6E-10	1.2E-10	5.2E-10	5.1E-09
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						1.3E-11	3.0E-11	1.6E-12	1.6E-12	7.3E-11	3.2E-10	4.4E-10
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		9.9E-20	1.4E-19	9.0E-20	2.5E-19							5.8E-19
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	6.4E-14	1.6E-09	2.6E-14	1.5E-09	4.8E-14	4.7E-12	1.1E-11	5.9E-13	5.9E-13	3.4E-12	2.1E-11	3.1E-09

Table H-581 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene	3.2E-13	2.8E-08	1.2E-13	2.5E-08	2.2E-13	1.8E-11	4.3E-11	2.3E-12	2.3E-12	1.8E-13	3.6E-18	5.3E-08
Benzo(b)fluoranthene	8.7E-15	5.9E-09	7.0E-16	5.4E-09	1.3E-15	2.1E-12	4.8E-12	2.6E-13	2.6E-13	4.0E-14	2.1E-20	1.1E-08
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	7.1E-18	3.8E-11	8.7E-17	3.4E-11	1.6E-16	1.8E-14	4.2E-14	2.3E-15	2.3E-15	2.5E-15	2.6E-20	7.2E-11
Biphenyl				3.8E-19	1.1E-18							1.4E-18
Chrysene	1.1E-16	2.4E-11	3.5E-16	2.1E-11	6.3E-16	8.0E-13	1.9E-12	1.0E-13	1.0E-13	1.6E-15	1.0E-19	4.8E-11
Dibenzo(a,h)anthracene	1.6E-14	1.0E-09	4.4E-14	9.4E-10	8.0E-14	3.2E-12	7.3E-12	4.0E-13	4.0E-13	7.6E-15	1.4E-18	2.0E-09
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	4.0E-15	1.5E-09	1.2E-14	1.3E-09	2.2E-14	9.7E-13	2.2E-12	1.2E-13	1.2E-13	9.9E-15	3.6E-19	2.8E-09
Napthalene						7.2E-11	1.7E-10	9.0E-12	9.0E-12			2.6E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	6.1E-18	5.8E-19	8.1E-19	4.9E-19	1.4E-18	2.7E-14	6.1E-14	3.3E-15	3.3E-15	1.3E-20	8.0E-20	9.4E-14
Heptachlorobiphenyl	6.6E-18	1.9E-18	2.7E-18	1.6E-18	4.5E-18	1.0E-14	2.4E-14	1.3E-15	1.3E-15	2.3E-20	1.4E-19	3.7E-14
Hexachlorobiphenyl	2.7E-17	8.6E-18	1.2E-17	7.3E-18	2.0E-17	4.3E-14	1.0E-13	5.4E-15	5.4E-15	1.1E-19	6.5E-19	1.5E-13
Monochlorobiphenyl	4.3E-17	4.0E-18	5.6E-18	3.4E-18	9.5E-18	1.8E-13	4.3E-13	2.3E-14	2.3E-14	9.0E-20	5.6E-19	6.6E-13
Nonachlorobiphenyl	8.2E-19	3.4E-19	4.7E-19	2.8E-19	8.0E-19	1.5E-15	3.4E-15	1.8E-16	1.8E-16	4.1E-21	2.5E-20	5.2E-15
Octachlorobiphenyl	1.9E-18	6.2E-19	8.6E-19	5.2E-19	1.5E-18	3.2E-15	7.3E-15	4.0E-16	4.0E-16	7.6E-21	4.7E-20	1.1E-14
Pentachlorobiphenyl	8.8E-17	3.1E-17	4.3E-17	2.6E-17	7.3E-17	1.5E-13	3.4E-13	1.9E-14	1.9E-14	3.8E-19	2.3E-18	5.3E-13
Tetrachlorobiphenyl	1.8E-18	2.2E-19	3.1E-19	1.9E-19	5.2E-19	8.6E-15	2.0E-14	1.1E-15	1.1E-15	5.0E-21	3.1E-20	3.1E-14
Trichlorobiphenyl	2.4E-18	2.6E-19	3.7E-19	2.2E-19	6.3E-19	1.1E-14	2.5E-14	1.4E-15	1.4E-15	6.0E-21	3.7E-20	3.9E-14
Pesticides												
DDE				2.5E-10	3.8E-10					2.3E-12	1.4E-11	6.4E-10
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene							1.4E-08					1.4E-08

Table H-581 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-dichlorobenzene												
1,4-dichlorobenzene	7.1E-21							2.4E-13	5.5E-13	3.0E-14	3.0E-14	8.5E-13
1,4-Dioxane								5.2E-09				5.2E-09
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	9.8E-17	1.3E-15	1.9E-15	1.6E-15	4.4E-15	6.5E-12	1.5E-11	8.1E-13	8.1E-13	1.3E-20	8.2E-20	2.3E-11
Butyl benzyl phthalate	4.8E-18	8.8E-20	1.2E-19	1.0E-19	2.9E-19							5.4E-18
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	7.5E-18							1.4E-11	3.2E-11	1.7E-12	1.7E-12	5.0E-11
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	1.0E-21							1.4E-14	3.3E-14	1.8E-15	1.8E-15	5.1E-14
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	4.6E-19											4.6E-19
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	1.1E-20							5.9E-13	1.4E-12	7.4E-14	7.4E-14	2.1E-12
1,2-Dichloroethane	1.5E-20							1.3E-08	2.4E-12	3.7E-10	3.7E-10	1.3E-08
1,3,5-Trimethylbenzene												

Table H-581 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												
Benzene	1.6E-18					9.4E-09	2.2E-10	1.1E-09	1.1E-09			1.2E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	2.8E-22					5.0E-14	1.2E-13	6.3E-15	6.3E-15			1.8E-13
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	1.3E-22					1.3E-08	4.3E-14	1.3E-09	1.3E-09			1.5E-08
Chlorobenzene												
Chlorodibromomethane	2.2E-20											2.2E-20
Chloroethane												
Chloroform	1.2E-21					8.3E-09	1.5E-12	7.9E-10	7.9E-10			9.8E-09
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	2.3E-19					3.4E-09	1.6E-11	8.7E-13	8.7E-13			3.4E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	7.4E-22					2.6E-15	6.0E-15	3.2E-16	3.2E-16			9.2E-15
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	2.0E-23					4.5E-16	1.0E-15	5.6E-17	5.6E-17			1.6E-15
Toluene												

Table H-581 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	4.5E-24					2.7E-10	9.8E-16	5.3E-17	5.3E-17			2.7E-10
Trichlorofluoromethane												
Vinyl chloride	4.9E-21					3.1E-13	7.2E-13	3.9E-14	3.9E-14			1.1E-12
Grand Total	4.5E-13	6.6E-08	9.8E-09	8.3E-08	4.7E-08	1.1E-06	7.4E-06	3.8E-09	3.8E-09	2.1E-10	8.9E-10	8.7E-06

Table H-582 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					5.8E-01	4.0E+00	7.9E-06	7.9E-06			4.6E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
DNT												
2,4-Dinitrotoluene		2.0E-04		2.4E-04								4.4E-04
2,6-Dinitrotoluene		2.1E-03		2.5E-03								4.7E-03
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04

Table H-582 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum				7.9E-03	2.4E-02					7.7E-05	5.1E-04	3.2E-02
Antimony	3.9E-14			7.6E-04	1.2E-03							2.0E-03
Arsenic	2.7E-12	2.0E-03	1.5E-03	4.7E-03	7.2E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	7.7E-06	2.6E-05	1.6E-02
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				6.5E-02	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	1.6E-04	6.7E-04	2.0E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				2.4E-02	5.7E-02							8.1E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	9.6E-05	5.9E-04	6.9E-04
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.0E-02	4.0E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	2.2E-04	9.5E-04	6.1E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Thallium (Soluble Salts)				1.1E-02	1.4E-02							2.5E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												

Table H-582 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	1.1E-04	6.2E-06	6.2E-06			1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
DDE												
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.6E-02						1.6E-02

Table H-582 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
1,4-Dioxane						2.4E-03						2.4E-03
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						4.1E-03						4.1E-03
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.9E-03	9.1E-07	1.4E-04	1.4E-04			5.2E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15

Table H-582 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.8E-03	6.7E-05	3.2E-04	3.2E-04			3.5E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.5E-03	5.0E-09	1.5E-04	1.5E-04			1.8E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					2.6E-04	4.6E-08	2.4E-05	2.4E-05			3.1E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					9.6E-05	4.5E-07	2.4E-08	2.4E-08			9.6E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07

Table H-582 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.3E-03	8.4E-09	4.5E-10	4.5E-10			2.3E-03
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	5.0E-09	4.3E-03	1.5E-03	1.4E-01	2.7E-01	6.2E-01	4.0E+00	1.0E-03	1.0E-03	5.6E-04	2.7E-03	5.1E+00

Table H-583 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						4.5E-11	1.1E-10	5.7E-12	5.7E-12			1.6E-10
Formaldehyde						1.1E-06	5.0E-06	1.4E-11	1.4E-11			6.1E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	2.3E-17	2.3E-14	3.2E-14	9.1E-14	2.5E-13	4.6E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	8.0E-18	1.7E-11
1,2,3,4,6,7,8-HpCDF	2.2E-17	2.3E-14	3.3E-14	9.2E-14	2.6E-13	4.7E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	8.1E-18	1.7E-11
1,2,3,4,7,8,9-HpCDF	3.4E-18	2.7E-15	3.7E-15	1.1E-14	3.0E-14	5.9E-13	1.4E-12	7.4E-14	7.4E-14	1.5E-19	9.3E-19	2.1E-12
1,2,3,4,7,8-HxCDD	2.6E-16	2.6E-14	3.7E-14	1.0E-13	2.9E-13	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.5E-18	9.1E-18	2.0E-11
1,2,3,4,7,8-HxCDF	1.8E-15	2.1E-13	2.9E-13	8.2E-13	2.3E-12	4.5E-11	1.0E-10	5.6E-12	5.6E-12	1.2E-17	7.2E-17	1.6E-10
1,2,3,6,7,8-HxCDD	5.0E-16	5.3E-14	7.5E-14	2.1E-13	5.9E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.0E-18	1.9E-17	4.2E-11
1,2,3,6,7,8-HxCDF	6.6E-16	6.8E-14	9.5E-14	2.7E-13	7.5E-13	1.5E-11	3.4E-11	1.8E-12	1.8E-12	3.8E-18	2.4E-17	5.3E-11
1,2,3,7,8,9-HxCDD	7.2E-16	8.4E-14	1.2E-13	3.3E-13	9.3E-13	1.8E-11	4.1E-11	2.2E-12	2.2E-12	4.8E-18	2.9E-17	6.4E-11
1,2,3,7,8,9-HxCDF	5.3E-17	4.9E-15	6.8E-15	1.9E-14	5.4E-14	1.1E-12	2.6E-12	1.4E-13	1.4E-13	2.7E-19	1.7E-18	4.1E-12
1,2,3,7,8-PeCDD	1.4E-14	3.0E-13	4.1E-13	1.2E-12	3.3E-12	7.0E-11	1.6E-10	8.8E-12	8.8E-12	1.7E-17	1.0E-16	2.6E-10
1,2,3,7,8-PeCDF	9.6E-16	1.7E-14	2.4E-14	6.9E-14	1.9E-13	5.0E-12	1.2E-11	6.2E-13	6.2E-13	9.8E-19	6.0E-18	1.8E-11
2,3,4,6,7,8-HxCDF	9.5E-16	1.1E-13	1.5E-13	4.2E-13	1.2E-12	2.3E-11	5.2E-11	2.8E-12	2.8E-12	6.0E-18	3.7E-17	8.2E-11
2,3,4,7,8-PeCDF	1.5E-14	4.2E-13	5.8E-13	1.6E-12	4.6E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	2.4E-17	1.4E-16	4.1E-10
2,3,7,8-TCDD	4.6E-15	6.0E-14	8.4E-14	2.4E-13	6.6E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	2.4E-15	1.4E-14	1.0E-10
2,3,7,8-TCDF	1.5E-15	1.1E-14	1.5E-14	4.3E-14	1.2E-13	1.0E-11	2.4E-11	1.3E-12	1.3E-12	6.2E-19	3.8E-18	3.7E-11
OCDD	3.1E-21	1.6E-16	2.2E-16	6.2E-16	1.7E-15	3.1E-14	7.1E-14	3.8E-15	3.8E-15	8.8E-21	5.4E-20	1.1E-13
OCDF	1.1E-21	6.0E-17	8.4E-17	2.4E-16	6.6E-16	1.1E-14	2.6E-14	1.4E-15	1.4E-15	3.4E-21	2.1E-20	4.2E-14
DNT												
2,4-Dinitrotoluene		1.8E-09		2.1E-09						3.0E-14		3.9E-09
2,6-Dinitrotoluene		1.4E-08		1.6E-08								3.0E-08
HCN												
Hydrogen cyanide												

Table H-583 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum												
Antimony												
Arsenic	1.7E-17	1.3E-08	3.9E-09	3.0E-08	1.8E-08	3.6E-11	8.4E-11	4.6E-12	4.6E-12	7.1E-12	9.5E-12	6.6E-08
Barium												
Beryllium						1.5E-12	3.4E-12	1.8E-13	1.8E-13	1.8E-21	1.1E-20	5.2E-12
Cadmium						1.9E-11	4.5E-11	2.4E-12	2.4E-12	1.0E-21	6.3E-21	6.9E-11
Chromium												
Cobalt						1.3E-09	2.9E-09	1.6E-10	1.6E-10	1.2E-10	8.8E-10	5.5E-09
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						1.3E-11	3.0E-11	1.6E-12	1.6E-12	7.3E-11	5.3E-10	6.5E-10
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		9.9E-20	1.4E-19	9.0E-20	2.5E-19							5.8E-19
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	6.4E-14	1.6E-09	2.6E-14	1.5E-09	4.8E-14	4.7E-12	1.1E-11	5.9E-13	5.9E-13	3.4E-12	2.1E-11	3.1E-09

Table H-583 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene	3.2E-13	2.8E-08	1.4E-08	2.5E-08	2.5E-08	1.8E-11	4.3E-11	2.3E-12	2.3E-12	1.8E-13	4.1E-13	9.1E-08
Benzo(b)fluoranthene	8.7E-15	5.9E-09	1.2E-09	5.4E-09	2.3E-09	2.1E-12	4.8E-12	2.6E-13	2.6E-13	4.0E-14	3.7E-14	1.5E-08
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	7.1E-18	3.8E-11	8.7E-17	3.4E-11	1.6E-16	1.8E-14	4.2E-14	2.3E-15	2.3E-15	2.5E-15	2.6E-20	7.2E-11
Biphenyl				3.8E-19	1.1E-18							1.4E-18
Chrysene	1.1E-16	2.4E-11	3.5E-16	2.1E-11	6.3E-16	8.0E-13	1.9E-12	1.0E-13	1.0E-13	1.6E-15	1.0E-19	4.8E-11
Dibenze(a,h)anthracene	1.6E-14	1.0E-09	4.4E-14	9.4E-10	8.0E-14	3.2E-12	7.3E-12	4.0E-13	4.0E-13	7.6E-15	1.4E-18	2.0E-09
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	4.0E-15	1.5E-09	1.2E-14	1.3E-09	2.2E-14	9.7E-13	2.2E-12	1.2E-13	1.2E-13	9.9E-15	3.6E-19	2.8E-09
Napthalene						7.2E-11	1.7E-10	9.0E-12	9.0E-12			2.6E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	6.1E-18	5.8E-19	8.1E-19	4.9E-19	1.4E-18	2.7E-14	6.1E-14	3.3E-15	3.3E-15	1.3E-20	8.0E-20	9.4E-14
Heptachlorobiphenyl	6.6E-18	1.9E-18	2.7E-18	1.6E-18	4.5E-18	1.0E-14	2.4E-14	1.3E-15	1.3E-15	2.3E-20	1.4E-19	3.7E-14
Hexachlorobiphenyl	2.7E-17	8.6E-18	1.2E-17	7.3E-18	2.0E-17	4.3E-14	1.0E-13	5.4E-15	5.4E-15	1.1E-19	6.5E-19	1.5E-13
Monochlorobiphenyl	4.3E-17	4.0E-18	5.6E-18	3.4E-18	9.5E-18	1.8E-13	4.3E-13	2.3E-14	2.3E-14	9.0E-20	5.6E-19	6.6E-13
Nonachlorobiphenyl	8.2E-19	3.4E-19	4.7E-19	2.8E-19	8.0E-19	1.5E-15	3.4E-15	1.8E-16	1.8E-16	4.1E-21	2.5E-20	5.2E-15
Octachlorobiphenyl	1.9E-18	6.2E-19	8.6E-19	5.2E-19	1.5E-18	3.2E-15	7.3E-15	4.0E-16	4.0E-16	7.6E-21	4.7E-20	1.1E-14
Pentachlorobiphenyl	8.8E-17	3.1E-17	4.3E-17	2.6E-17	7.3E-17	1.5E-13	3.4E-13	1.9E-14	1.9E-14	3.8E-19	2.3E-18	5.3E-13
Tetrachlorobiphenyl	1.8E-18	2.2E-19	3.1E-19	1.9E-19	5.2E-19	8.6E-15	2.0E-14	1.1E-15	1.1E-15	5.0E-21	3.1E-20	3.1E-14
Trichlorobiphenyl	2.4E-18	2.6E-19	3.7E-19	2.2E-19	6.3E-19	1.1E-14	2.5E-14	1.4E-15	1.4E-15	6.0E-21	3.7E-20	3.9E-14
Pesticides												
DDE				2.5E-10	1.3E-09					2.3E-12	1.4E-11	1.6E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene						1.4E-08						1.4E-08

Table H-583 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-dichlorobenzene												
1,4-dichlorobenzene	7.1E-21							2.4E-13	5.5E-13	3.0E-14	3.0E-14	8.5E-13
1,4-Dioxane								5.2E-09				5.2E-09
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	9.8E-17	1.3E-15	1.9E-15	1.6E-15	4.4E-15	6.5E-12	1.5E-11	8.1E-13	8.1E-13	1.3E-20	8.2E-20	2.3E-11
Butyl benzyl phthalate	4.8E-18	8.8E-20	1.2E-19	1.0E-19	2.9E-19							5.4E-18
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	7.5E-18							1.4E-11	3.2E-11	1.7E-12	1.7E-12	5.0E-11
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	1.0E-21							1.4E-14	3.3E-14	1.8E-15	1.8E-15	5.1E-14
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	4.6E-19											4.6E-19
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	1.1E-20							5.9E-13	1.4E-12	7.4E-14	7.4E-14	2.1E-12
1,2-Dichloroethane	1.5E-20							1.3E-08	2.4E-12	3.7E-10	3.7E-10	1.3E-08
1,3,5-Trimethylbenzene												

Table H-583 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												
Benzene	1.6E-18					9.4E-09	2.2E-10	1.1E-09	1.1E-09			1.2E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	2.8E-22					5.0E-14	1.2E-13	6.3E-15	6.3E-15			1.8E-13
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	1.3E-22					1.3E-08	4.3E-14	1.3E-09	1.3E-09			1.5E-08
Chlorobenzene												
Chlorodibromomethane	2.2E-20											2.2E-20
Chloroethane												
Chloroform	1.2E-21					8.3E-09	1.5E-12	7.9E-10	7.9E-10			9.8E-09
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	2.3E-19					3.4E-09	1.6E-11	8.7E-13	8.7E-13			3.4E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	7.4E-22					2.6E-15	6.0E-15	3.2E-16	3.2E-16			9.2E-15
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	2.0E-23					4.5E-16	1.0E-15	5.6E-17	5.6E-17			1.6E-15
Toluene												

Table H-583 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	4.5E-24					2.7E-10	9.8E-16	5.3E-17	5.3E-17			2.7E-10
Trichlorofluoromethane												
Vinyl chloride	4.9E-21					3.1E-13	7.2E-13	3.9E-14	3.9E-14			1.1E-12
Grand Total	4.5E-13	6.6E-08	1.9E-08	8.3E-08	4.7E-08	1.1E-06	5.0E-06	3.8E-09	3.8E-09	2.1E-10	1.5E-09	6.4E-06

Table H-584 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					5.8E-01	2.7E+00	7.9E-06	7.9E-06			3.3E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
DNT												
2,4-Dinitrotoluene		2.0E-04		2.4E-04								4.4E-04
2,6-Dinitrotoluene		2.1E-03		2.5E-03								4.7E-03
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04

Table H-584 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Outdoor Vapors at CJ	Inhalation of Outdoor Vapors at Home	Grand Total
Metals												
Aluminum				7.9E-03	1.9E-02					7.7E-05	4.1E-04	2.8E-02
Antimony	3.9E-14			7.6E-04	4.2E-04							1.2E-03
Arsenic	2.7E-12	2.0E-03	6.1E-04	4.7E-03	2.9E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	7.7E-06	1.0E-05	1.0E-02
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				6.5E-02	2.1E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	1.6E-04	1.1E-03	2.8E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				2.4E-02	6.2E-02							8.6E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	9.6E-05	5.9E-04	6.9E-04
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.0E-02	6.6E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	2.2E-04	1.6E-03	8.8E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Thallium (Soluble Salts)				1.1E-02								1.1E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												

Table H-584 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	1.1E-04	6.2E-06	6.2E-06			1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
DDE												
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.6E-02						1.6E-02

Table H-584 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
1,4-Dioxane						2.4E-03						2.4E-03
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						4.1E-03						4.1E-03
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.9E-03	9.1E-07	1.4E-04	1.4E-04			5.2E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15

Table H-584 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.8E-03	6.7E-05	3.2E-04	3.2E-04			3.5E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.5E-03	5.0E-09	1.5E-04	1.5E-04			1.8E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					2.6E-04	4.6E-08	2.4E-05	2.4E-05			3.1E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					9.6E-05	4.5E-07	2.4E-08	2.4E-08			9.6E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07

Table H-584 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.3E-03	8.4E-09	4.5E-10	4.5E-10			2.3E-03
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	5.0E-09	4.3E-03	6.1E-04	1.4E-01	3.6E-01	6.2E-01	2.8E+00	1.0E-03	1.0E-03	5.6E-04	3.7E-03	3.9E+00

Table H-585 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						4.5E-11	1.6E-09	5.7E-12	5.4E-10			2.2E-09
Formaldehyde						1.1E-06	3.8E-09	1.4E-11	1.3E-09			1.1E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	2.3E-17	2.3E-14	4.3E-13	9.1E-14	3.4E-12	4.6E-12	1.8E-10	5.8E-13	6.1E-11	1.3E-18	1.1E-16	2.5E-10
1,2,3,4,6,7,8-HpCDF	2.2E-17	2.3E-14	4.3E-13	9.2E-14	3.4E-12	4.7E-12	1.8E-10	5.8E-13	6.2E-11	1.3E-18	1.1E-16	2.6E-10
1,2,3,4,7,8,9-HpCDF	3.4E-18	2.7E-15	5.2E-14	1.1E-14	4.1E-13	5.9E-13	2.4E-11	7.4E-14	8.0E-12	1.5E-19	1.3E-17	3.3E-11
1,2,3,4,7,8-HxCDD	2.6E-16	2.6E-14	5.1E-13	1.0E-13	4.0E-12	5.5E-12	2.2E-10	6.9E-13	7.4E-11	1.5E-18	1.3E-16	3.1E-10
1,2,3,4,7,8-HxCDF	1.8E-15	2.1E-13	4.0E-12	8.2E-13	3.2E-11	4.5E-11	1.8E-09	5.6E-12	6.0E-10	1.2E-17	1.0E-15	2.5E-09
1,2,3,6,7,8-HxCDD	5.0E-16	5.3E-14	1.0E-12	2.1E-13	8.2E-12	1.2E-11	4.7E-10	1.5E-12	1.6E-10	3.0E-18	2.6E-16	6.5E-10
1,2,3,6,7,8-HxCDF	6.6E-16	6.8E-14	1.3E-12	2.7E-13	1.0E-11	1.5E-11	5.9E-10	1.8E-12	2.0E-10	3.8E-18	3.3E-16	8.2E-10
1,2,3,7,8,9-HxCDD	7.2E-16	8.4E-14	1.6E-12	3.3E-13	1.3E-11	1.8E-11	7.1E-10	2.2E-12	2.4E-10	4.8E-18	4.0E-16	9.9E-10
1,2,3,7,8,9-HxCDF	5.3E-17	4.9E-15	9.5E-14	1.9E-14	7.5E-13	1.1E-12	4.6E-11	1.4E-13	1.5E-11	2.7E-19	2.4E-17	6.3E-11
1,2,3,7,8-PeCDD	1.4E-14	3.0E-13	5.8E-12	1.2E-12	4.6E-11	7.0E-11	2.9E-09	8.8E-12	9.5E-10	1.7E-17	1.4E-15	4.0E-09
1,2,3,7,8-PeCDF	9.6E-16	1.7E-14	3.4E-13	6.9E-14	2.7E-12	5.0E-12	2.0E-10	6.2E-13	6.8E-11	9.8E-19	8.5E-17	2.8E-10
2,3,4,6,7,8-HxCDF	9.5E-16	1.1E-13	2.0E-12	4.2E-13	1.6E-11	2.3E-11	9.0E-10	2.8E-12	3.0E-10	6.0E-18	5.0E-16	1.2E-09
2,3,4,7,8-PeCDF	1.5E-14	4.2E-13	8.2E-12	1.6E-12	6.5E-11	1.1E-10	4.6E-09	1.4E-11	1.5E-09	2.4E-17	2.0E-15	6.3E-09
2,3,7,8-TCDD	4.6E-15	6.0E-14	8.7E-13	2.4E-13	6.8E-12	2.8E-11	9.4E-10	3.5E-12	3.1E-10	2.4E-15	1.5E-13	1.3E-09
2,3,7,8-TCDF	1.5E-15	1.1E-14	2.2E-13	4.3E-14	1.7E-12	1.0E-11	4.3E-10	1.3E-12	1.4E-10	6.2E-19	5.4E-17	5.8E-10
OCDD	3.1E-21	1.6E-16	2.9E-15	6.2E-16	2.3E-14	3.1E-14	1.2E-12	3.8E-15	4.0E-13	8.8E-21	7.1E-19	1.7E-12
OCDF	1.1E-21	6.0E-17	1.1E-15	2.4E-16	8.5E-15	1.1E-14	4.5E-13	1.4E-15	1.5E-13	3.4E-21	2.7E-19	6.2E-13
DNT												
2,4-Dinitrotoluene		1.8E-09		2.1E-09						3.0E-14		3.9E-09
2,6-Dinitrotoluene		1.4E-08		1.6E-08								3.0E-08
HCN												
Hydrogen cyanide												

Table H-585 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum												
Antimony												
Arsenic	1.7E-17	1.3E-08	1.0E-18	3.0E-08	4.9E-18	3.6E-11	1.3E-09	4.6E-12	4.3E-10	7.1E-12	2.5E-21	4.5E-08
Barium												
Beryllium						1.5E-12	5.0E-11	1.8E-13	1.7E-11	1.8E-21	1.5E-19	6.8E-11
Cadmium						1.9E-11	6.8E-10	2.4E-12	2.3E-10	1.0E-21	8.7E-20	9.3E-10
Chromium												
Cobalt						1.3E-09	2.3E-08	1.6E-10	7.7E-09	1.2E-10	1.2E-13	3.2E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						1.3E-11	4.4E-10	1.6E-12	1.5E-10	7.3E-11	6.2E-20	6.8E-10
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		9.9E-20	2.0E-18	9.0E-20	3.7E-18							5.9E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	6.4E-14	1.6E-09	4.2E-13	1.5E-09	7.6E-13	4.7E-12	2.0E-10	5.9E-13	6.8E-11	3.4E-12	3.8E-15	3.4E-09

Table H-585 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Outdoor Vapors at CJ	Inhalation of Outdoor Vapors at Home	Grand Total
Benzo(a)pyrene	3.2E-13	2.8E-08	1.8E-12	2.5E-08	3.2E-12	1.8E-11	7.7E-10	2.3E-12	2.6E-10	1.8E-13	5.2E-17	5.4E-08
Benzo(b)fluoranthene	8.7E-15	5.9E-09	9.6E-15	5.4E-09	1.7E-14	2.1E-12	8.3E-11	2.6E-13	2.8E-11	4.0E-14	2.8E-19	1.1E-08
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	7.1E-18	3.8E-11	5.7E-16	3.4E-11	1.0E-15	1.8E-14	3.3E-13	2.3E-15	1.1E-13	2.5E-15	1.7E-19	7.3E-11
Biphenyl				3.8E-19	1.6E-17							1.6E-17
Chrysene	1.1E-16	2.4E-11	5.0E-15	2.1E-11	9.1E-15	8.0E-13	3.3E-11	1.0E-13	1.1E-11	1.6E-15	1.5E-18	9.0E-11
Dibenzo(a,h)anthracene	1.6E-14	1.0E-09	6.2E-13	9.4E-10	1.1E-12	3.2E-12	1.3E-10	4.0E-13	4.4E-11	7.6E-15	2.0E-17	2.1E-09
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	4.0E-15	1.5E-09	1.7E-13	1.3E-09	3.2E-13	9.7E-13	4.0E-11	1.2E-13	1.3E-11	9.9E-15	5.1E-18	2.9E-09
Napthalene						7.2E-11	3.0E-09	9.0E-12	1.0E-09			4.1E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	6.1E-18	5.8E-19	1.1E-17	4.9E-19	1.9E-17	2.7E-14	1.1E-12	3.3E-15	3.6E-13	1.3E-20	1.1E-18	1.5E-12
Heptachlorobiphenyl	6.6E-18	1.9E-18	3.7E-17	1.6E-18	6.2E-17	1.0E-14	4.2E-13	1.3E-15	1.4E-13	2.3E-20	2.0E-18	5.7E-13
Hexachlorobiphenyl	2.7E-17	8.6E-18	1.5E-16	7.3E-18	2.6E-16	4.3E-14	1.7E-12	5.4E-15	5.6E-13	1.1E-19	8.4E-18	2.3E-12
Monochlorobiphenyl	4.3E-17	4.0E-18	8.0E-17	3.4E-18	1.4E-16	1.8E-13	7.6E-12	2.3E-14	2.5E-12	9.0E-20	7.9E-18	1.0E-11
Nonachlorobiphenyl	8.2E-19	3.4E-19	5.2E-18	2.8E-19	8.9E-18	1.5E-15	5.2E-14	1.8E-16	1.7E-14	4.1E-21	2.8E-19	7.1E-14
Octachlorobiphenyl	1.9E-18	6.2E-19	1.1E-17	5.2E-19	1.9E-17	3.2E-15	1.2E-13	4.0E-16	4.1E-14	7.6E-21	6.1E-19	1.7E-13
Pentachlorobiphenyl	8.8E-17	3.1E-17	5.3E-16	2.6E-17	9.0E-16	1.5E-13	5.6E-12	1.9E-14	1.9E-12	3.8E-19	2.9E-17	7.7E-12
Tetrachlorobiphenyl	1.8E-18	2.2E-19	3.7E-18	1.9E-19	6.3E-18	8.6E-15	3.2E-13	1.1E-15	1.1E-13	5.0E-21	3.7E-19	4.4E-13
Trichlorobiphenyl	2.4E-18	2.6E-19	4.7E-18	2.2E-19	8.0E-18	1.1E-14	4.2E-13	1.4E-15	1.4E-13	6.0E-21	4.7E-19	5.8E-13
Pesticides												
DDE				2.5E-10						2.3E-12		2.5E-10
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene						1.4E-08						1.4E-08

Table H-585 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-dichlorobenzene												
1,4-dichlorobenzene	7.1E-21					2.4E-13	1.1E-11	3.0E-14	3.6E-12			1.5E-11
1,4-Dioxane						5.2E-09						5.2E-09
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	9.8E-17	1.3E-15	2.4E-14	1.6E-15	5.7E-14	6.5E-12	2.5E-10	8.1E-13	8.5E-11	1.3E-20	1.1E-18	3.5E-10
Butyl benzyl phthalate	4.8E-18	8.8E-20	1.8E-18	1.0E-19	4.3E-18							1.1E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	7.5E-18					1.4E-11	2.5E-10	1.7E-12	8.3E-11			3.5E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	1.0E-21					1.4E-14	4.8E-13	1.8E-15	1.6E-13			6.6E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	4.6E-19											4.6E-19
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	1.1E-20					5.9E-13	1.1E-11	7.4E-14	3.5E-12			1.5E-11
1,2-Dichloroethane	1.5E-20					1.3E-08	3.9E-11	3.7E-10	1.3E-11			1.3E-08
1,3,5-Trimethylbenzene												

Table H-585 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												
Benzene	1.6E-18					9.4E-09	3.8E-09	1.1E-09	1.3E-09			1.6E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	2.8E-22					5.0E-14	9.0E-13	6.3E-15	3.0E-13			1.3E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	1.3E-22					1.3E-08	3.3E-13	1.3E-09	1.1E-13			1.4E-08
Chlorobenzene												
Chlorodibromomethane	2.2E-20											2.2E-20
Chloroethane												
Chloroform	1.2E-21					8.3E-09	1.3E-11	7.9E-10	4.2E-12			9.1E-09
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	2.3E-19					3.4E-09	2.6E-10	8.7E-13	8.8E-11			3.8E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	7.4E-22					2.6E-15	9.5E-14	3.2E-16	3.2E-14			1.3E-13
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	2.0E-23					4.5E-16	1.6E-14	5.6E-17	5.2E-15			2.1E-14
Toluene												

Table H-585 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	4.5E-24					2.7E-10	7.6E-15	5.3E-17	2.5E-15			2.7E-10
Trichlorofluoromethane												
Vinyl chloride	4.9E-21					3.1E-13	7.6E-12	3.9E-14	2.5E-12			1.0E-11
Grand Total	4.5E-13	6.6E-08	3.0E-11	8.3E-08	2.2E-10	1.1E-06	5.4E-08	3.8E-09	1.8E-08	2.1E-10	2.8E-13	1.4E-06

Table H-586 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	1.5E-03	5.2E-06	5.0E-04			2.0E-03
Aldehydes												
Acetaldehyde						1.6E-04	5.8E-03	2.0E-05	1.9E-03			7.9E-03
Formaldehyde	2.3E-12					5.8E-01	2.1E-03	7.9E-06	6.9E-04			5.9E-01
Propionaldehyde						2.0E-05	7.2E-04	2.5E-06	2.4E-04	2.1E-12	1.5E-10	9.8E-04
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-06	3.1E-07	9.0E-06	1.3E-06	4.3E-05	1.6E-07	1.4E-05	1.8E-10	1.2E-08	7.0E-05
2,3,7,8-TCDF												
OCDD												
OCDF												
DNT												
2,4-Dinitrotoluene		2.0E-04		2.4E-04								4.4E-04
2,6-Dinitrotoluene		2.1E-03		2.5E-03								4.7E-03
HCN												
Hydrogen cyanide						2.0E-04	7.7E-03	2.5E-05	2.6E-03			1.1E-02

Table H-586 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum				7.9E-03						7.7E-05		7.9E-03
Antimony	3.9E-14			7.6E-04								7.6E-04
Arsenic	2.7E-12	2.0E-03	1.6E-13	4.7E-03	7.6E-13	4.0E-05	1.4E-03	4.9E-06	4.7E-04	7.7E-06	2.7E-15	8.6E-03
Barium	1.4E-11			2.2E-08	7.5E-07	2.5E-04	6.8E-03	3.1E-05	2.3E-03	4.3E-10	3.2E-08	9.3E-03
Beryllium	1.7E-14			5.2E-13	2.0E-11	2.1E-06	7.3E-05	2.7E-07	2.4E-05	2.6E-15	2.1E-13	9.9E-05
Cadmium	8.3E-12			8.2E-13	3.1E-11	7.6E-05	2.6E-03	9.5E-06	8.8E-04	4.0E-15	3.4E-13	3.6E-03
Chromium	1.9E-15			6.4E-11	2.5E-09							2.6E-09
Cobalt				6.5E-02	4.7E-05	1.6E-03	3.0E-02	2.0E-04	9.9E-03	1.6E-04	2.6E-07	1.1E-01
Copper				1.1E-08	4.3E-07							4.4E-07
Iron				2.4E-02								2.4E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.6E-09	7.8E-08	2.8E-06	9.8E-09	9.2E-07	1.0E-14	7.1E-13	3.8E-06
Mercury, elemental						3.3E-10	1.2E-08	4.1E-11	3.8E-09	9.6E-05		9.6E-05
Methyl Mercury	1.3E-10			3.8E-11	1.5E-09							1.6E-09
Nickel	1.7E-13			2.0E-02	7.8E-12	3.9E-05	1.3E-03	4.8E-06	4.4E-04	2.2E-04	1.9E-13	2.2E-02
Phosphorus				3.7E-10	1.4E-08							1.4E-08
Selenium	5.5E-14			8.1E-15	3.1E-13	8.7E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-20	8.4E-18	4.2E-07
Silver	4.2E-14			1.7E-10	6.3E-09							6.5E-09
Thallium (Soluble Salts)				1.1E-02								1.1E-02
Titanium												
Zinc	1.4E-11			6.1E-13	2.2E-11							3.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	6.9E-14	3.1E-15	1.3E-13							2.0E-13
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	1.2E-12	5.2E-14	2.1E-12							3.4E-12
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												

Table H-586 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	2.8E-13	2.8E-04	1.2E-02	3.5E-05	3.9E-03	4.9E-12	4.5E-10	1.6E-02
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	3.4E-11	1.5E-12	6.3E-11							1.1E-10
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	2.1E-03	6.2E-06	6.9E-04			2.8E-03
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.9E-10	8.5E-12	3.5E-10							5.6E-10
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.8E-10	1.2E-11	4.7E-10							8.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	1.1E-10	4.9E-12	1.9E-10	9.8E-10	3.9E-08	1.2E-10	1.3E-08	3.8E-15	3.3E-13	5.4E-08
Hexachlorobiphenyl	4.7E-11	2.6E-11	4.7E-10	2.2E-11	8.0E-10	4.1E-06	1.6E-04	5.1E-07	5.3E-05	1.7E-11	1.4E-09	2.2E-04
Monochlorobiphenyl	6.1E-10	9.8E-11	2.0E-09	8.3E-11	3.3E-09							6.0E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.6E-11	8.6E-13	2.7E-11							4.6E-11
Octachlorobiphenyl	3.4E-12	1.9E-12	3.4E-11	1.6E-12	5.8E-11							9.9E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.6E-09	8.0E-11	2.7E-09	4.6E-05	1.7E-03	5.7E-06	5.7E-04	2.0E-10	1.5E-08	2.3E-03
Tetrachlorobiphenyl	2.6E-11	5.4E-12	9.1E-11	4.5E-12	1.5E-10	2.3E-07	8.7E-06	2.9E-08	2.9E-06	2.3E-13	1.7E-11	1.2E-05
Trichlorobiphenyl	3.4E-11	6.5E-12	1.2E-10	5.5E-12	2.0E-10							3.6E-10
Pesticides												
DDE												
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	4.3E-06	1.7E-08	1.4E-06			5.9E-06
1,2-dichlorobenzene	3.1E-17					5.4E-10	9.7E-09	6.8E-11	3.2E-09			1.4E-08
1,3-Butadiene						1.6E-02						1.6E-02

Table H-586 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	8.5E-08	2.4E-10	2.8E-08			1.2E-07
1,4-Dioxane						2.4E-03						2.4E-03
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	3.9E-06	1.2E-08	1.3E-06			5.3E-06
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	6.0E-09	4.0E-10	1.4E-08							2.1E-08
Butyl benzyl phthalate	8.8E-13	1.6E-14	3.3E-13	1.9E-14	7.9E-13							2.0E-12
Carbazole												
Dibenzofuran		1.4E-13	2.9E-12	5.7E-13	2.3E-11							2.6E-11
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	6.7E-13	3.9E-14	1.6E-12							1.9E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	8.7E-12	1.1E-12	2.1E-11							3.1E-11
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						4.1E-03						4.1E-03
Phenol	4.9E-13					1.5E-06	6.2E-05	1.9E-07	2.1E-05			8.5E-05
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	1.0E-09	3.3E-12	3.3E-10			1.4E-09
1,1-Dichloroethene	1.2E-19					1.3E-10	2.3E-09	1.6E-11	7.7E-10			3.2E-09
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	6.4E-06	4.5E-08	2.1E-06			9.0E-06
1,2,4-Trimethylbenzene						8.9E-07	2.8E-05	1.1E-07	9.4E-06			3.9E-05
1,2-Dibromoethane	4.1E-17					7.7E-09	1.4E-07	9.6E-10	4.6E-08			1.9E-07
1,2-Dichloroethane	1.9E-15					4.9E-03	1.5E-05	1.4E-04	5.0E-06			5.1E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15

Table H-586 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	2.6E-07	8.3E-10	8.7E-08			3.6E-07
2-Chlorotoluene												
2-Hexanone						2.3E-07	8.2E-06	2.8E-08	2.7E-06			1.1E-05
Benzene	4.9E-13					2.8E-03	1.1E-03	3.2E-04	3.8E-04			4.7E-03
Bromobenzene						6.2E-07	1.1E-05	7.8E-08	3.7E-06			1.5E-05
Bromochloromethane						2.2E-09	3.9E-08	2.8E-10	1.3E-08			5.5E-08
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	2.3E-05	9.5E-08	7.6E-06			3.1E-05
Carbon disulfide	1.3E-17					4.8E-09	1.4E-07	6.0E-10	4.7E-08			1.9E-07
Carbon tetrachloride	3.4E-17					1.5E-03	3.9E-08	1.5E-04	1.3E-08			1.6E-03
Chlorobenzene	2.3E-15					9.6E-08	3.4E-06	1.2E-08	1.1E-06			4.7E-06
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	3.2E-08	1.1E-10	1.1E-08			4.3E-08
Chloroform	2.8E-16					2.6E-04	3.9E-07	2.4E-05	1.3E-07			2.8E-04
Chloromethane						3.4E-07	1.0E-05	4.3E-08	3.5E-06			1.4E-05
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	9.1E-07	6.4E-09	3.0E-07			1.3E-06
Dichlorodifluoromethane	2.4E-20					2.5E-09	4.4E-08	3.1E-10	1.5E-08			6.2E-08
Ethylbenzene	1.5E-14					9.6E-05	7.4E-06	2.4E-08	2.5E-06			1.1E-04
Isopropylbenzene	2.0E-17					3.9E-08	1.3E-06	4.9E-09	4.5E-07			1.8E-06
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.1E-09	1.5E-11	7.1E-10			3.0E-09
Methylene chloride	4.3E-15					3.0E-08	1.1E-06	3.8E-09	3.7E-07			1.5E-06
n-Butylbenzene												
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07			4.2E-07
o-Xylene	1.4E-15					2.3E-07	7.6E-06	2.9E-08	2.5E-06			1.0E-05
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.9E-05	6.4E-08	6.2E-06			2.5E-05
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	1.1E-07	3.8E-10	3.5E-08			1.4E-07
Toluene	2.0E-14					6.3E-08	2.5E-06	7.9E-09	8.3E-07			3.4E-06

Table H-586 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.3E-03	6.5E-08	4.5E-10	2.2E-08			2.3E-03
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.2E-06	6.2E-09	4.0E-07			1.7E-06
Grand Total	5.0E-09	4.3E-03	1.1E-06	1.4E-01	5.8E-05	6.2E-01	7.7E-02	1.0E-03	2.6E-02	5.6E-04	3.2E-07	8.6E-01

Table H-587 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			4.5E-11	5.7E-12		5.1E-11
Formaldehyde			1.1E-10	1.4E-11		1.3E-10
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	2.3E-14	9.1E-14	4.6E-12	5.8E-13	1.3E-18	5.3E-12
1,2,3,4,6,7,8-HpCDF	2.3E-14	9.2E-14	4.7E-12	5.8E-13	1.3E-18	5.3E-12
1,2,3,4,7,8,9-HpCDF	2.7E-15	1.1E-14	5.9E-13	7.4E-14	1.5E-19	6.8E-13
1,2,3,4,7,8-HxCDD	2.6E-14	1.0E-13	5.5E-12	6.9E-13	1.5E-18	6.3E-12
1,2,3,4,7,8-HxCDF	2.1E-13	8.2E-13	4.5E-11	5.6E-12	1.2E-17	5.1E-11
1,2,3,6,7,8-HxCDD	5.3E-14	2.1E-13	1.2E-11	1.5E-12	3.0E-18	1.3E-11
1,2,3,6,7,8-HxCDF	6.8E-14	2.7E-13	1.5E-11	1.8E-12	3.8E-18	1.7E-11
1,2,3,7,8,9-HxCDD	8.4E-14	3.3E-13	1.8E-11	2.2E-12	4.8E-18	2.0E-11
1,2,3,7,8,9-HxCDF	4.9E-15	1.9E-14	1.1E-12	1.4E-13	2.7E-19	1.3E-12
1,2,3,7,8-PeCDD	3.0E-13	1.2E-12	7.0E-11	8.8E-12	1.7E-17	8.1E-11

Table H-587 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	1.7E-14	6.9E-14	5.0E-12	6.2E-13	9.8E-19	5.7E-12
2,3,4,6,7,8-HxCDF	1.1E-13	4.2E-13	2.3E-11	2.8E-12	6.0E-18	2.6E-11
2,3,4,7,8-PeCDF	4.2E-13	1.6E-12	1.1E-10	1.4E-11	2.4E-17	1.3E-10
2,3,7,8-TCDD	6.0E-14	2.4E-13	2.8E-11	3.5E-12	2.4E-15	3.2E-11
2,3,7,8-TCDF	1.1E-14	4.3E-14	1.0E-11	1.3E-12	6.2E-19	1.2E-11
OCDD	1.6E-16	6.2E-16	3.1E-14	3.8E-15	8.8E-21	3.5E-14
OCDF	6.0E-17	2.4E-16	1.1E-14	1.4E-15	3.4E-21	1.3E-14
HCN						
Hydrogen cyanide						
Metals						
Aluminum						
Antimony						
Arsenic	4.2E-09	9.9E-09	3.6E-11	4.6E-12	2.3E-12	1.4E-08
Barium						
Beryllium			1.5E-12	1.8E-13	1.8E-21	1.7E-12
Cadmium			1.9E-11	2.4E-12	1.0E-21	2.2E-11
Chromium						
Cobalt			1.3E-09	1.6E-10	1.1E-10	1.5E-09
Copper						
Iron						
Lead						
Manganese						
Mercury (+2)						

Table H-587 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental						
Methyl Mercury						
Nickel			1.3E-11	1.6E-12	7.2E-11	8.7E-11
Phosphorus						
Selenium						
Silver						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	9.9E-20	9.0E-20				1.9E-19
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	9.3E-08	8.5E-08	4.7E-12	5.9E-13	1.9E-10	1.8E-07
Benzo(a)pyrene	7.9E-07	7.1E-07	1.8E-11	2.3E-12	5.3E-12	1.5E-06
Benzo(b)fluoranthene	1.3E-07	1.2E-07	2.1E-12	2.6E-13	8.6E-13	2.4E-07
Benzo(e)pyrene						

Table H-587 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	6.9E-09	6.3E-09	1.8E-14	2.3E-15	4.6E-13	1.3E-08
Biphenyl		3.8E-19				3.8E-19
Chrysene	9.8E-10	8.9E-10	8.0E-13	1.0E-13	6.6E-14	1.9E-09
Dibenze(a,h)anthracene	1.5E-07	1.4E-07	3.2E-12	4.0E-13	1.1E-12	2.9E-07
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	2.0E-08	1.8E-08	9.7E-13	1.2E-13	1.4E-13	3.8E-08
Napthalene			7.2E-11	9.0E-12	1.2E-10	2.0E-10
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	5.8E-19	4.9E-19	2.7E-14	3.3E-15	1.3E-20	3.0E-14
Heptachlorobiphenyl	1.9E-18	1.6E-18	1.0E-14	1.3E-15	2.3E-20	1.2E-14
Hexachlorobiphenyl	8.6E-18	7.3E-18	4.3E-14	5.4E-15	1.1E-19	4.9E-14
Monochlorobiphenyl	4.0E-18	3.4E-18	1.8E-13	2.3E-14	9.0E-20	2.1E-13
Nonachlorobiphenyl	3.4E-19	2.8E-19	1.5E-15	1.8E-16	4.1E-21	1.6E-15
Octachlorobiphenyl	6.2E-19	5.2E-19	3.2E-15	4.0E-16	7.6E-21	3.6E-15

Table H-587 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Pentachlorobiphenyl	3.1E-17	2.6E-17	1.5E-13	1.9E-14	3.8E-19	1.7E-13
Tetrachlorobiphenyl	2.2E-19	1.9E-19	8.6E-15	1.1E-15	5.0E-21	9.7E-15
Trichlorobiphenyl	2.6E-19	2.2E-19	1.1E-14	1.4E-15	6.0E-21	1.2E-14
Pesticides						
DDE		3.1E-09			2.8E-11	3.1E-09
Dieldrin	1.4E-08	1.7E-08			2.3E-13	3.1E-08
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-Butadiene			1.2E-08			1.2E-08
1,3-dichlorobenzene						
1,4-dichlorobenzene			2.4E-13	3.0E-14		2.7E-13
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	1.3E-15	1.6E-15	6.5E-12	8.1E-13	1.3E-20	7.3E-12
Butyl benzyl phthalate	8.8E-20	1.0E-19				1.9E-19

Table H-587 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			1.4E-11	1.7E-12		1.6E-11
Isopropanol						
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			1.4E-14	1.8E-15		1.6E-14
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			5.9E-13	7.4E-14		6.7E-13
1,2-Dichloroethane			1.0E-12	3.7E-10		3.7E-10
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						

Table H-587 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
2-Chlorotoluene						
2-Hexanone						
Benzene			1.2E-08	1.1E-09		1.3E-08
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			5.0E-14	6.3E-15		5.7E-14
Bromomethane						
Carbon disulfide						
Carbon tetrachloride			1.2E-08	1.3E-09		1.3E-08
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			1.1E-08	7.9E-10		1.1E-08
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			1.9E-09	8.7E-13		1.9E-09
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			2.6E-15	3.2E-16		2.9E-15

Table H-587 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethene			4.5E-16	5.6E-17		5.1E-16
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			2.1E-09	5.3E-17		2.1E-09
Trichlorofluoromethane						
Vinyl chloride			1.9E-10	3.9E-14		1.9E-10
Grand Total	1.2E-06	1.1E-06	5.3E-08	3.8E-09	5.4E-10	2.4E-06

Table H-588 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			4.2E-05	5.2E-06		4.7E-05
Aldehydes						
Acetaldehyde			1.6E-04	2.0E-05		1.8E-04
Formaldehyde			6.3E-05	7.9E-06		7.1E-05
Propionaldehyde			2.0E-05	2.5E-06	2.1E-12	2.2E-05
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-588 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	7.9E-08	3.1E-07	1.3E-06	1.6E-07	1.8E-10	1.8E-06
2,3,7,8-TCDF						
OCDD						
OCDF						
HCN						
Hydrogen cyanide			2.0E-04	2.5E-05		2.2E-04
Metals						
Aluminum		9.4E-03			9.2E-05	9.5E-03
Antimony		1.1E-03				1.1E-03
Arsenic	6.5E-04	1.5E-03	4.0E-05	4.9E-06	2.5E-06	2.2E-03
Barium		2.2E-08	2.5E-04	3.1E-05	4.3E-10	2.8E-04
Beryllium		5.2E-13	2.1E-06	2.7E-07	2.6E-15	2.4E-06
Cadmium		8.2E-13	7.6E-05	9.5E-06	4.0E-15	8.5E-05
Chromium		6.4E-11				6.4E-11
Cobalt		6.0E-02	1.6E-03	2.0E-04	1.5E-04	6.2E-02
Copper		1.1E-08				1.1E-08
Iron		2.5E-02				2.5E-02
Lead						
Manganese						
Mercury (+2)		2.1E-10	7.8E-08	9.8E-09	1.0E-14	8.8E-08

Table H-588 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental			3.3E-10	4.1E-11	1.4E-04	1.4E-04
Methyl Mercury		3.8E-11				3.8E-11
Nickel		2.0E-02	3.9E-05	4.8E-06	2.2E-04	2.0E-02
Phosphorus		3.7E-10				3.7E-10
Selenium		8.1E-15	8.7E-09	1.1E-09	9.9E-20	9.8E-09
Silver		1.7E-10				1.7E-10
Titanium						
Zinc		6.1E-13				6.1E-13
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.4E-15	3.1E-15				6.5E-15
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	5.8E-14	5.2E-14				1.1E-13
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						
Benzo(e)pyrene						

Table H-588 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						
Biphenyl		6.7E-15	2.8E-04	3.5E-05	4.9E-12	3.1E-04
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	1.7E-12	1.5E-12				3.2E-12
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene	9.4E-06	8.5E-06	5.0E-05	6.2E-06	8.2E-05	1.6E-04
Perylene						
Phenanthrene						
Pyrene	9.3E-12	8.5E-12				1.8E-11
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	1.4E-11	1.2E-11				2.6E-11
Heptachlorobiphenyl	5.8E-12	4.9E-12	9.8E-10	1.2E-10	3.8E-15	1.1E-09
Hexachlorobiphenyl	2.6E-11	2.2E-11	4.1E-06	5.1E-07	1.7E-11	4.6E-06
Monochlorobiphenyl	9.8E-11	8.3E-11				1.8E-10
Nonachlorobiphenyl	1.0E-12	8.6E-13				1.9E-12
Octachlorobiphenyl	1.9E-12	1.6E-12				3.5E-12

Table H-588 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Pentachlorobiphenyl	9.4E-11	8.0E-11	4.6E-05	5.7E-06	2.0E-10	5.1E-05
Tetrachlorobiphenyl	5.4E-12	4.5E-12	2.3E-07	2.9E-08	2.3E-13	2.6E-07
Trichlorobiphenyl	6.5E-12	5.5E-12				1.2E-11
Pesticides						
DDE						
Dieldrin	1.2E-03	1.5E-03				2.7E-03
SVOCs						
1,2,4-trichlorobenzene			1.3E-07	1.7E-08		1.5E-07
1,2-dichlorobenzene			5.4E-10	6.8E-11		6.1E-10
1,3-Butadiene			1.4E-02			1.4E-02
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.9E-09	2.4E-10		2.1E-09
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			9.3E-08	1.2E-08		1.0E-07
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-10	4.0E-10				7.4E-10
Butyl benzyl phthalate	1.6E-14	1.9E-14				3.6E-14

Table H-588 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbazole						
Dibenzofuran	1.4E-13	5.7E-13				7.1E-13
Dimethyl phthalate						
Di-n-butyl phthalate	3.3E-14	3.9E-14				7.1E-14
Di-n-octyl phthalate	9.4E-13	1.1E-12				2.1E-12
Hexachlorobutadiene						
Isopropanol			1.6E-02			1.6E-02
Phenol			1.5E-06	1.9E-07		1.7E-06
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			2.7E-11	3.3E-12		3.0E-11
1,1-Dichloroethene			1.3E-10	1.6E-11		1.5E-10
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.6E-07	4.5E-08		4.1E-07
1,2,4-Trimethylbenzene			8.9E-07	1.1E-07		1.0E-06
1,2-Dibromoethane			7.7E-09	9.6E-10		8.6E-09
1,2-Dichloroethane			4.0E-07	1.4E-04		1.4E-04
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone			6.6E-09	8.3E-10		7.4E-09

Table H-588 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
2-Chlorotoluene						
2-Hexanone			2.3E-07	2.8E-08		2.5E-07
Benzene			3.7E-03	3.2E-04		4.0E-03
Bromobenzene			6.2E-07	7.8E-08		7.0E-07
Bromochloromethane			2.2E-09	2.8E-10		2.5E-09
Bromodichloromethane						
Bromomethane			7.6E-07	9.5E-08		8.6E-07
Carbon disulfide			4.8E-09	6.0E-10		5.4E-09
Carbon tetrachloride			1.4E-03	1.5E-04		1.5E-03
Chlorobenzene			9.6E-08	1.2E-08		1.1E-07
Chlorodibromomethane						
Chloroethane			9.1E-10	1.1E-10		1.0E-09
Chloroform			3.3E-04	2.4E-05		3.5E-04
Chloromethane			3.4E-07	4.3E-08		3.9E-07
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			5.1E-08	6.4E-09		5.7E-08
Dichlorodifluoromethane			2.5E-09	3.1E-10		2.8E-09
Ethylbenzene			5.3E-05	2.4E-08		5.3E-05
Isopropylbenzene			3.9E-08	4.9E-09		4.4E-08
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.2E-10	1.5E-11		1.3E-10
Methylene chloride			3.0E-08	3.8E-09		3.4E-08

Table H-588 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene			9.4E-09	1.2E-09		1.1E-08
o-Xylene			2.3E-07	2.9E-08		2.6E-07
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			5.1E-07	6.4E-08		5.7E-07
tert-Butylbenzene						
Tetrachloroethene			3.0E-09	3.8E-10		3.4E-09
Toluene			6.3E-08	7.9E-09		7.1E-08
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			1.8E-02	4.5E-10		1.8E-02
Trichlorofluoromethane						
Vinyl chloride			3.0E-05	6.2E-09		3.0E-05
Grand Total	1.9E-03	1.2E-01	5.6E-02	1.0E-03	6.9E-04	1.8E-01

Table H-589 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						4.5E-11	1.1E-10	5.7E-12	5.7E-12			1.6E-10
Formaldehyde						1.1E-10	2.6E-10	1.4E-11	1.4E-11			4.1E-10
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	2.3E-17	2.3E-14	3.2E-14	9.1E-14	2.5E-13	4.6E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	8.0E-18	1.7E-11
1,2,3,4,6,7,8-HpCDF	2.2E-17	2.3E-14	3.3E-14	9.2E-14	2.6E-13	4.7E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	8.1E-18	1.7E-11
1,2,3,4,7,8,9-HpCDF	3.4E-18	2.7E-15	3.7E-15	1.1E-14	3.0E-14	5.9E-13	1.4E-12	7.4E-14	7.4E-14	1.5E-19	9.3E-19	2.1E-12
1,2,3,4,7,8-HxCDD	2.6E-16	2.6E-14	3.7E-14	1.0E-13	2.9E-13	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.5E-18	9.1E-18	2.0E-11
1,2,3,4,7,8-HxCDF	1.8E-15	2.1E-13	2.9E-13	8.2E-13	2.3E-12	4.5E-11	1.0E-10	5.6E-12	5.6E-12	1.2E-17	7.2E-17	1.6E-10
1,2,3,6,7,8-HxCDD	5.0E-16	5.3E-14	7.5E-14	2.1E-13	5.9E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.0E-18	1.9E-17	4.2E-11
1,2,3,6,7,8-HxCDF	6.6E-16	6.8E-14	9.5E-14	2.7E-13	7.5E-13	1.5E-11	3.4E-11	1.8E-12	1.8E-12	3.8E-18	2.4E-17	5.3E-11
1,2,3,7,8,9-HxCDD	7.2E-16	8.4E-14	1.2E-13	3.3E-13	9.3E-13	1.8E-11	4.1E-11	2.2E-12	2.2E-12	4.8E-18	2.9E-17	6.4E-11
1,2,3,7,8,9-HxCDF	5.3E-17	4.9E-15	6.8E-15	1.9E-14	5.4E-14	1.1E-12	2.6E-12	1.4E-13	1.4E-13	2.7E-19	1.7E-18	4.1E-12
1,2,3,7,8-PeCDD	1.4E-14	3.0E-13	4.1E-13	1.2E-12	3.3E-12	7.0E-11	1.6E-10	8.8E-12	8.8E-12	1.7E-17	1.0E-16	2.6E-10
1,2,3,7,8-PeCDF	9.6E-16	1.7E-14	2.4E-14	6.9E-14	1.9E-13	5.0E-12	1.2E-11	6.2E-13	6.2E-13	9.8E-19	6.0E-18	1.8E-11
2,3,4,6,7,8-HxCDF	9.5E-16	1.1E-13	1.5E-13	4.2E-13	1.2E-12	2.3E-11	5.2E-11	2.8E-12	2.8E-12	6.0E-18	3.7E-17	8.2E-11
2,3,4,7,8-PeCDF	1.5E-14	4.2E-13	5.8E-13	1.6E-12	4.6E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	2.4E-17	1.4E-16	4.1E-10
2,3,7,8-TCDD	4.6E-15	6.0E-14	8.4E-14	2.4E-13	6.6E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	2.4E-15	1.4E-14	1.0E-10
2,3,7,8-TCDF	1.5E-15	1.1E-14	1.5E-14	4.3E-14	1.2E-13	1.0E-11	2.4E-11	1.3E-12	1.3E-12	6.2E-19	3.8E-18	3.7E-11
OCDD	3.1E-21	1.6E-16	2.2E-16	6.2E-16	1.7E-15	3.1E-14	7.1E-14	3.8E-15	3.8E-15	8.8E-21	5.4E-20	1.1E-13
OCDF	1.1E-21	6.0E-17	8.4E-17	2.4E-16	6.6E-16	1.1E-14	2.6E-14	1.4E-15	1.4E-15	3.4E-21	2.1E-20	4.2E-14
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-589 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.7E-17	4.2E-09	4.9E-09	9.9E-09	2.3E-08	3.6E-11	8.4E-11	4.6E-12	4.6E-12	2.3E-12	1.2E-11	4.2E-08
Barium												
Beryllium						1.5E-12	3.4E-12	1.8E-13	1.8E-13	1.8E-21	1.1E-20	5.2E-12
Cadmium						1.9E-11	4.5E-11	2.4E-12	2.4E-12	1.0E-21	6.3E-21	6.9E-11
Chromium												
Cobalt						1.3E-09	2.9E-09	1.6E-10	1.6E-10	1.1E-10	5.1E-10	5.1E-09
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						1.3E-11	3.0E-11	1.6E-12	1.6E-12	7.2E-11	2.8E-10	4.0E-10
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		9.9E-20	1.4E-19	9.0E-20	2.5E-19							5.8E-19
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	6.4E-14	9.3E-08	5.3E-09	8.5E-08	9.7E-09	4.7E-12	1.1E-11	5.9E-13	5.9E-13	1.9E-10	1.2E-09	1.9E-07
Benzo(a)pyrene	3.2E-13	7.9E-07	5.9E-08	7.1E-07	1.1E-07	1.8E-11	4.3E-11	2.3E-12	2.3E-12	5.3E-12	1.7E-12	1.7E-06
Benzo(b)fluoranthene	8.7E-15	1.3E-07	8.2E-09	1.2E-07	1.5E-08	2.1E-12	4.8E-12	2.6E-13	2.6E-13	8.6E-13	2.4E-13	2.7E-07
Benzo(e)pyrene												

Table H-589 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate /Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	7.1E-18	6.9E-09	4.1E-10	6.3E-09	7.5E-10	1.8E-14	4.2E-14	2.3E-15	2.3E-15	4.6E-13	1.2E-13	1.4E-08
Biphenyl				3.8E-19	1.1E-18							1.4E-18
Chrysene	1.1E-16	9.8E-10	6.0E-11	8.9E-10	1.1E-10	8.0E-13	1.9E-12	1.0E-13	1.0E-13	6.6E-14	1.8E-14	2.0E-09
Dibenze(a,h)anthracene	1.6E-14	1.5E-07	1.5E-08	1.4E-07	2.6E-08	3.2E-12	7.3E-12	4.0E-13	4.0E-13	1.1E-12	4.7E-13	3.3E-07
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	4.0E-15	2.0E-08	3.8E-09	1.8E-08	6.9E-09	9.7E-13	2.2E-12	1.2E-13	1.2E-13	1.4E-13	1.1E-13	4.9E-08
Napthalene						7.2E-11	1.7E-10	9.0E-12	9.0E-12	1.2E-10	7.4E-10	1.1E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	6.1E-18	5.8E-19	8.1E-19	4.9E-19	1.4E-18	2.7E-14	6.1E-14	3.3E-15	3.3E-15	1.3E-20	8.0E-20	9.4E-14
Heptachlorobiphenyl	6.6E-18	1.9E-18	2.7E-18	1.6E-18	4.5E-18	1.0E-14	2.4E-14	1.3E-15	1.3E-15	2.3E-20	1.4E-19	3.7E-14
Hexachlorobiphenyl	2.7E-17	8.6E-18	1.2E-17	7.3E-18	2.0E-17	4.3E-14	1.0E-13	5.4E-15	5.4E-15	1.1E-19	6.5E-19	1.5E-13
Monochlorobiphenyl	4.3E-17	4.0E-18	5.6E-18	3.4E-18	9.5E-18	1.8E-13	4.3E-13	2.3E-14	2.3E-14	9.0E-20	5.6E-19	6.6E-13
Nonachlorobiphenyl	8.2E-19	3.4E-19	4.7E-19	2.8E-19	8.0E-19	1.5E-15	3.4E-15	1.8E-16	1.8E-16	4.1E-21	2.5E-20	5.2E-15
Octachlorobiphenyl	1.9E-18	6.2E-19	8.6E-19	5.2E-19	1.5E-18	3.2E-15	7.3E-15	4.0E-16	4.0E-16	7.6E-21	4.7E-20	1.1E-14
Pentachlorobiphenyl	8.8E-17	3.1E-17	4.3E-17	2.6E-17	7.3E-17	1.5E-13	3.4E-13	1.9E-14	1.9E-14	3.8E-19	2.3E-18	5.3E-13
Tetrachlorobiphenyl	1.8E-18	2.2E-19	3.1E-19	1.9E-19	5.2E-19	8.6E-15	2.0E-14	1.1E-15	1.1E-15	5.0E-21	3.1E-20	3.1E-14
Trichlorobiphenyl	2.4E-18	2.6E-19	3.7E-19	2.2E-19	6.3E-19	1.1E-14	2.5E-14	1.4E-15	1.4E-15	6.0E-21	3.7E-20	3.9E-14
Pesticides												
DDE				3.1E-09	1.1E-09					2.8E-11	1.7E-10	4.4E-09
Dieldrin		1.4E-08	2.3E-09	1.7E-08	5.4E-09					2.3E-13	1.7E-13	3.8E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene								1.2E-08				1.2E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	7.1E-21							2.4E-13	5.5E-13	3.0E-14	3.0E-14	8.5E-13

Table H-589 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	9.8E-17	1.3E-15	1.9E-15	1.6E-15	4.4E-15	6.5E-12	1.5E-11	8.1E-13	8.1E-13	1.3E-20	8.2E-20	2.3E-11
Butyl benzyl phthalate	4.8E-18	8.8E-20	1.2E-19	1.0E-19	2.9E-19							5.4E-18
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	7.5E-18					1.4E-11	3.2E-11	1.7E-12	1.7E-12			5.0E-11
Isopropanol												
p-Chloroaniline			9.3E-10		2.2E-09							3.1E-09
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	1.0E-21					1.4E-14	3.3E-14	1.8E-15	1.8E-15			5.1E-14
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	4.6E-19											4.6E-19
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	1.1E-20					5.9E-13	1.4E-12	7.4E-14	7.4E-14			2.1E-12
1,2-Dichloroethane	1.5E-20					1.0E-12	1.6E-08	3.7E-10	3.7E-10			1.7E-08
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												

Table H-589 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorotoluene												
2-Hexanone												
Benzene	1.6E-18					1.2E-08	3.0E-08	1.1E-09	1.1E-09			4.4E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	2.8E-22					5.0E-14	1.8E-07	6.3E-15	6.3E-15			1.8E-07
Bromoform							2.4E-08					2.4E-08
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	1.3E-22					1.2E-08	3.3E-08	1.3E-09	1.3E-09			4.8E-08
Chlorobenzene												
Chlorodibromomethane	2.2E-20											2.2E-20
Chloroethane												
Chloroform	1.2E-21					1.1E-08	2.6E-07	7.9E-10	7.9E-10			2.7E-07
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	2.3E-19					1.9E-09	7.9E-09	8.7E-13	8.7E-13			9.8E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	7.4E-22					2.6E-15	6.0E-15	3.2E-16	3.2E-16			9.2E-15
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	2.0E-23					4.5E-16	1.0E-15	5.6E-17	5.6E-17			1.6E-15
Toluene												
trans-1,2-Dichloroethene												

Table H-589 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,3-Dichloropropene												
Trichloroethene	4.5E-24					2.1E-09	2.6E-08	5.3E-17	5.3E-17			2.8E-08
Trichlorofluoromethane												
Vinyl chloride	4.9E-21					1.9E-10	7.2E-13	3.9E-14	3.9E-14			1.9E-10
Grand Total	4.5E-13	1.2E-06	9.9E-08	1.1E-06	2.0E-07	5.3E-08	5.8E-07	3.8E-09	3.8E-09	5.4E-10	2.9E-09	3.3E-06

Table H-590 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					6.3E-05	1.5E-04	7.9E-06	7.9E-06			2.2E-04
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				9.4E-03	2.0E-02					9.2E-05	4.2E-04	3.0E-02
Antimony	3.9E-14			1.1E-03	3.6E-03							4.7E-03

Table H-590 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	6.5E-04	7.7E-04	1.5E-03	3.6E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	2.5E-06	1.3E-05	6.7E-03
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				6.0E-02	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	1.5E-04	6.6E-04	1.9E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				2.5E-02	5.4E-02							7.8E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.4E-04	8.9E-04	1.0E-03
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.0E-02	3.5E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	2.2E-04	8.5E-04	5.7E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Thallium (Soluble Salts)					1.7E-02							1.7E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-590 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12	9.4E-06		8.5E-06		5.0E-05	1.1E-04	6.2E-06	6.2E-06	8.2E-05	5.0E-04	7.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
DDE												
Dieldrin		1.2E-03	2.0E-04	1.5E-03	4.7E-04							3.4E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.4E-02						1.4E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09

Table H-590 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.6E-02	1.1E-02					2.7E-02
p-Chloroaniline			8.2E-05		1.9E-04							2.8E-04
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	6.3E-03	1.4E-04	1.4E-04			6.5E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08

Table H-590 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					3.7E-03	9.0E-03	3.2E-04	3.2E-04			1.3E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromoform												
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.4E-03	3.9E-03	1.5E-04	1.5E-04			5.6E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					3.3E-04	8.1E-03	2.4E-05	2.4E-05			8.4E-03
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					5.3E-05	2.2E-04	2.4E-08	2.4E-08			2.7E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15

Table H-590 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					1.8E-02	2.2E-01	4.5E-10	4.5E-10			2.4E-01
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					3.0E-05	1.1E-07	6.2E-09	6.2E-09			3.0E-05
Grand Total	5.0E-09	1.9E-03	1.0E-03	1.2E-01	2.6E-01	5.6E-02	2.7E-01	1.0E-03	1.0E-03	6.9E-04	3.3E-03	7.1E-01

Table H-591 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						4.5E-11	1.1E-10	5.7E-12	5.7E-12			1.6E-10
Formaldehyde						1.1E-10	7.3E-06	1.4E-11	1.4E-11			7.3E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	2.3E-17	2.3E-14	3.2E-14	9.1E-14	2.5E-13	4.6E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	8.0E-18	1.7E-11
1,2,3,4,6,7,8-HpCDF	2.2E-17	2.3E-14	3.3E-14	9.2E-14	2.6E-13	4.7E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	8.1E-18	1.7E-11
1,2,3,4,7,8,9-HpCDF	3.4E-18	2.7E-15	3.7E-15	1.1E-14	3.0E-14	5.9E-13	1.4E-12	7.4E-14	7.4E-14	1.5E-19	9.3E-19	2.1E-12
1,2,3,4,7,8-HxCDD	2.6E-16	2.6E-14	3.7E-14	1.0E-13	2.9E-13	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.5E-18	9.1E-18	2.0E-11
1,2,3,4,7,8-HxCDF	1.8E-15	2.1E-13	2.9E-13	8.2E-13	2.3E-12	4.5E-11	1.0E-10	5.6E-12	5.6E-12	1.2E-17	7.2E-17	1.6E-10
1,2,3,6,7,8-HxCDD	5.0E-16	5.3E-14	7.5E-14	2.1E-13	5.9E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.0E-18	1.9E-17	4.2E-11
1,2,3,6,7,8-HxCDF	6.6E-16	6.8E-14	9.5E-14	2.7E-13	7.5E-13	1.5E-11	3.4E-11	1.8E-12	1.8E-12	3.8E-18	2.4E-17	5.3E-11
1,2,3,7,8,9-HxCDD	7.2E-16	8.4E-14	1.2E-13	3.3E-13	9.3E-13	1.8E-11	4.1E-11	2.2E-12	2.2E-12	4.8E-18	2.9E-17	6.4E-11
1,2,3,7,8,9-HxCDF	5.3E-17	4.9E-15	6.8E-15	1.9E-14	5.4E-14	1.1E-12	2.6E-12	1.4E-13	1.4E-13	2.7E-19	1.7E-18	4.1E-12
1,2,3,7,8-PeCDD	1.4E-14	3.0E-13	4.1E-13	1.2E-12	3.3E-12	7.0E-11	1.6E-10	8.8E-12	8.8E-12	1.7E-17	1.0E-16	2.6E-10
1,2,3,7,8-PeCDF	9.6E-16	1.7E-14	2.4E-14	6.9E-14	1.9E-13	5.0E-12	1.2E-11	6.2E-13	6.2E-13	9.8E-19	6.0E-18	1.8E-11
2,3,4,6,7,8-HxCDF	9.5E-16	1.1E-13	1.5E-13	4.2E-13	1.2E-12	2.3E-11	5.2E-11	2.8E-12	2.8E-12	6.0E-18	3.7E-17	8.2E-11
2,3,4,7,8-PeCDF	1.5E-14	4.2E-13	5.8E-13	1.6E-12	4.6E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	2.4E-17	1.4E-16	4.1E-10
2,3,7,8-TCDD	4.6E-15	6.0E-14	8.4E-14	2.4E-13	6.6E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	2.4E-15	1.4E-14	1.0E-10
2,3,7,8-TCDF	1.5E-15	1.1E-14	1.5E-14	4.3E-14	1.2E-13	1.0E-11	2.4E-11	1.3E-12	1.3E-12	6.2E-19	3.8E-18	3.7E-11
OCDD	3.1E-21	1.6E-16	2.2E-16	6.2E-16	1.7E-15	3.1E-14	7.1E-14	3.8E-15	3.8E-15	8.8E-21	5.4E-20	1.1E-13
OCDF	1.1E-21	6.0E-17	8.4E-17	2.4E-16	6.6E-16	1.1E-14	2.6E-14	1.4E-15	1.4E-15	3.4E-21	2.1E-20	4.2E-14
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-591 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.7E-17	4.2E-09	9.8E-09	9.9E-09	4.6E-08	3.6E-11	8.4E-11	4.6E-12	4.6E-12	2.3E-12	2.4E-11	7.0E-08
Barium												
Beryllium						1.5E-12	3.4E-12	1.8E-13	1.8E-13	1.8E-21	1.1E-20	5.2E-12
Cadmium						1.9E-11	4.5E-11	2.4E-12	2.4E-12	1.0E-21	6.3E-21	6.9E-11
Chromium												
Cobalt						1.3E-09	2.9E-09	1.6E-10	1.6E-10	1.1E-10	5.2E-10	5.1E-09
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						1.3E-11	3.0E-11	1.6E-12	1.6E-12	7.2E-11	3.2E-10	4.4E-10
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		9.9E-20	1.4E-19	9.0E-20	2.5E-19							5.8E-19
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	6.4E-14	9.3E-08	2.6E-14	8.5E-08	4.8E-14	4.7E-12	1.1E-11	5.9E-13	5.9E-13	1.9E-10	1.2E-09	1.8E-07
Benzo(a)pyrene	3.2E-13	7.9E-07	1.2E-13	7.1E-07	2.2E-13	1.8E-11	4.3E-11	2.3E-12	2.3E-12	5.3E-12	3.6E-18	1.5E-06
Benzo(b)fluoranthene	8.7E-15	1.3E-07	7.0E-16	1.2E-07	1.3E-15	2.1E-12	4.8E-12	2.6E-13	2.6E-13	8.6E-13	2.1E-20	2.4E-07
Benzo(e)pyrene												

Table H-591 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	7.1E-18	6.9E-09	8.7E-17	6.3E-09	1.6E-16	1.8E-14	4.2E-14	2.3E-15	2.3E-15	4.6E-13	2.6E-20	1.3E-08
Biphenyl				3.8E-19	1.1E-18							1.4E-18
Chrysene	1.1E-16	9.8E-10	3.5E-16	8.9E-10	6.3E-16	8.0E-13	1.9E-12	1.0E-13	1.0E-13	6.6E-14	1.0E-19	1.9E-09
Dibenze(a,h)anthracene	1.6E-14	1.5E-07	4.4E-14	1.4E-07	8.0E-14	3.2E-12	7.3E-12	4.0E-13	4.0E-13	1.1E-12	1.4E-18	2.9E-07
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	4.0E-15	2.0E-08	1.2E-14	1.8E-08	2.2E-14	9.7E-13	2.2E-12	1.2E-13	1.2E-13	1.4E-13	3.6E-19	3.8E-08
Napthalene						7.2E-11	1.7E-10	9.0E-12	9.0E-12	1.2E-10	7.4E-10	1.1E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	6.1E-18	5.8E-19	8.1E-19	4.9E-19	1.4E-18	2.7E-14	6.1E-14	3.3E-15	3.3E-15	1.3E-20	8.0E-20	9.4E-14
Heptachlorobiphenyl	6.6E-18	1.9E-18	2.7E-18	1.6E-18	4.5E-18	1.0E-14	2.4E-14	1.3E-15	1.3E-15	2.3E-20	1.4E-19	3.7E-14
Hexachlorobiphenyl	2.7E-17	8.6E-18	1.2E-17	7.3E-18	2.0E-17	4.3E-14	1.0E-13	5.4E-15	5.4E-15	1.1E-19	6.5E-19	1.5E-13
Monochlorobiphenyl	4.3E-17	4.0E-18	5.6E-18	3.4E-18	9.5E-18	1.8E-13	4.3E-13	2.3E-14	2.3E-14	9.0E-20	5.6E-19	6.6E-13
Nonachlorobiphenyl	8.2E-19	3.4E-19	4.7E-19	2.8E-19	8.0E-19	1.5E-15	3.4E-15	1.8E-16	1.8E-16	4.1E-21	2.5E-20	5.2E-15
Octachlorobiphenyl	1.9E-18	6.2E-19	8.6E-19	5.2E-19	1.5E-18	3.2E-15	7.3E-15	4.0E-16	4.0E-16	7.6E-21	4.7E-20	1.1E-14
Pentachlorobiphenyl	8.8E-17	3.1E-17	4.3E-17	2.6E-17	7.3E-17	1.5E-13	3.4E-13	1.9E-14	1.9E-14	3.8E-19	2.3E-18	5.3E-13
Tetrachlorobiphenyl	1.8E-18	2.2E-19	3.1E-19	1.9E-19	5.2E-19	8.6E-15	2.0E-14	1.1E-15	1.1E-15	5.0E-21	3.1E-20	3.1E-14
Trichlorobiphenyl	2.4E-18	2.6E-19	3.7E-19	2.2E-19	6.3E-19	1.1E-14	2.5E-14	1.4E-15	1.4E-15	6.0E-21	3.7E-20	3.9E-14
Pesticides												
DDE				3.1E-09	3.8E-10					2.8E-11	1.7E-10	3.7E-09
Dieldrin		1.4E-08		1.7E-08						2.3E-13		3.1E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene								1.2E-08				1.2E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	7.1E-21							2.4E-13	5.5E-13	3.0E-14	3.0E-14	8.5E-13

Table H-591 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	9.8E-17	1.3E-15	1.9E-15	1.6E-15	4.4E-15	6.5E-12	1.5E-11	8.1E-13	8.1E-13	1.3E-20	8.2E-20	2.3E-11
Butyl benzyl phthalate	4.8E-18	8.8E-20	1.2E-19	1.0E-19	2.9E-19							5.4E-18
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	7.5E-18					1.4E-11	3.2E-11	1.7E-12	1.7E-12			5.0E-11
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	1.0E-21					1.4E-14	3.3E-14	1.8E-15	1.8E-15			5.1E-14
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	4.6E-19											4.6E-19
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	1.1E-20					5.9E-13	1.4E-12	7.4E-14	7.4E-14			2.1E-12
1,2-Dichloroethane	1.5E-20					1.0E-12	2.4E-12	3.7E-10	3.7E-10			7.5E-10
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												

Table H-591 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone												
Benzene	1.6E-18					1.2E-08	2.2E-10	1.1E-09	1.1E-09			1.5E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	2.8E-22					5.0E-14	1.2E-13	6.3E-15	6.3E-15			1.8E-13
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	1.3E-22					1.2E-08	4.3E-14	1.3E-09	1.3E-09			1.5E-08
Chlorobenzene												
Chlorodibromomethane	2.2E-20											2.2E-20
Chloroethane												
Chloroform	1.2E-21					1.1E-08	1.5E-12	7.9E-10	7.9E-10			1.2E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	2.3E-19					1.9E-09	1.6E-11	8.7E-13	8.7E-13			1.9E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	7.4E-22					2.6E-15	6.0E-15	3.2E-16	3.2E-16			9.2E-15
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	2.0E-23					4.5E-16	1.0E-15	5.6E-17	5.6E-17			1.6E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	4.5E-24					2.1E-09	9.8E-16	5.3E-17	5.3E-17			2.1E-09

Table H-591 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane												
Vinyl chloride	4.9E-21					1.9E-10	7.2E-13	3.9E-14	3.9E-14			1.9E-10
Grand Total	4.5E-13	1.2E-06	9.8E-09	1.1E-06	4.7E-08	5.3E-08	7.4E-06	3.8E-09	3.8E-09	5.4E-10	3.0E-09	9.8E-06

Table H-592 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					6.3E-05	4.0E+00	7.9E-06	7.9E-06			4.0E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				9.4E-03	2.4E-02					9.2E-05	5.1E-04	3.4E-02
Antimony	3.9E-14			1.1E-03	1.2E-03							2.3E-03

Table H-592 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	6.5E-04	1.5E-03	1.5E-03	7.2E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	2.5E-06	2.6E-05	1.1E-02
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				6.0E-02	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	1.5E-04	6.7E-04	1.9E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				2.5E-02	5.7E-02							8.1E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.4E-04	8.9E-04	1.0E-03
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.0E-02	4.0E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	2.2E-04	9.5E-04	6.1E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Thallium (Soluble Salts)					1.4E-02							1.4E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-592 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12	9.4E-06		8.5E-06		5.0E-05	1.1E-04	6.2E-06	6.2E-06	8.2E-05	5.0E-04	7.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
DDE												
Dieldrin		1.2E-03		1.5E-03								2.7E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.4E-02						1.4E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09

Table H-592 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.6E-02						1.6E-02
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	9.1E-07	1.4E-04	1.4E-04			2.9E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												

Table H-592 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					3.7E-03	6.7E-05	3.2E-04	3.2E-04			4.4E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.4E-03	5.0E-09	1.5E-04	1.5E-04			1.7E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					3.3E-04	4.6E-08	2.4E-05	2.4E-05			3.8E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					5.3E-05	4.5E-07	2.4E-08	2.4E-08			5.3E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					1.8E-02	8.4E-09	4.5E-10	4.5E-10			1.8E-02

Table H-592 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					3.0E-05	1.1E-07	6.2E-09	6.2E-09			3.0E-05
Grand Total	5.0E-09	1.9E-03	1.5E-03	1.2E-01	2.7E-01	5.6E-02	4.0E+00	1.0E-03	1.0E-03	6.9E-04	3.6E-03	4.5E+00

Table H-593 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						4.5E-11	1.1E-10	5.7E-12	5.7E-12			1.6E-10
Formaldehyde						1.1E-10	5.0E-06	1.4E-11	1.4E-11			5.0E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	2.3E-17	2.3E-14	3.2E-14	9.1E-14	2.5E-13	4.6E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	8.0E-18	1.7E-11
1,2,3,4,6,7,8-HpCDF	2.2E-17	2.3E-14	3.3E-14	9.2E-14	2.6E-13	4.7E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	8.1E-18	1.7E-11
1,2,3,4,7,8,9-HpCDF	3.4E-18	2.7E-15	3.7E-15	1.1E-14	3.0E-14	5.9E-13	1.4E-12	7.4E-14	7.4E-14	1.5E-19	9.3E-19	2.1E-12
1,2,3,4,7,8-HxCDD	2.6E-16	2.6E-14	3.7E-14	1.0E-13	2.9E-13	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.5E-18	9.1E-18	2.0E-11
1,2,3,4,7,8-HxCDF	1.8E-15	2.1E-13	2.9E-13	8.2E-13	2.3E-12	4.5E-11	1.0E-10	5.6E-12	5.6E-12	1.2E-17	7.2E-17	1.6E-10
1,2,3,6,7,8-HxCDD	5.0E-16	5.3E-14	7.5E-14	2.1E-13	5.9E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.0E-18	1.9E-17	4.2E-11
1,2,3,6,7,8-HxCDF	6.6E-16	6.8E-14	9.5E-14	2.7E-13	7.5E-13	1.5E-11	3.4E-11	1.8E-12	1.8E-12	3.8E-18	2.4E-17	5.3E-11
1,2,3,7,8,9-HxCDD	7.2E-16	8.4E-14	1.2E-13	3.3E-13	9.3E-13	1.8E-11	4.1E-11	2.2E-12	2.2E-12	4.8E-18	2.9E-17	6.4E-11
1,2,3,7,8,9-HxCDF	5.3E-17	4.9E-15	6.8E-15	1.9E-14	5.4E-14	1.1E-12	2.6E-12	1.4E-13	1.4E-13	2.7E-19	1.7E-18	4.1E-12
1,2,3,7,8-PeCDD	1.4E-14	3.0E-13	4.1E-13	1.2E-12	3.3E-12	7.0E-11	1.6E-10	8.8E-12	8.8E-12	1.7E-17	1.0E-16	2.6E-10
1,2,3,7,8-PeCDF	9.6E-16	1.7E-14	2.4E-14	6.9E-14	1.9E-13	5.0E-12	1.2E-11	6.2E-13	6.2E-13	9.8E-19	6.0E-18	1.8E-11
2,3,4,6,7,8-HxCDF	9.5E-16	1.1E-13	1.5E-13	4.2E-13	1.2E-12	2.3E-11	5.2E-11	2.8E-12	2.8E-12	6.0E-18	3.7E-17	8.2E-11
2,3,4,7,8-PeCDF	1.5E-14	4.2E-13	5.8E-13	1.6E-12	4.6E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	2.4E-17	1.4E-16	4.1E-10
2,3,7,8-TCDD	4.6E-15	6.0E-14	8.4E-14	2.4E-13	6.6E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	2.4E-15	1.4E-14	1.0E-10
2,3,7,8-TCDF	1.5E-15	1.1E-14	1.5E-14	4.3E-14	1.2E-13	1.0E-11	2.4E-11	1.3E-12	1.3E-12	6.2E-19	3.8E-18	3.7E-11
OCDD	3.1E-21	1.6E-16	2.2E-16	6.2E-16	1.7E-15	3.1E-14	7.1E-14	3.8E-15	3.8E-15	8.8E-21	5.4E-20	1.1E-13
OCDF	1.1E-21	6.0E-17	8.4E-17	2.4E-16	6.6E-16	1.1E-14	2.6E-14	1.4E-15	1.4E-15	3.4E-21	2.1E-20	4.2E-14
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-593 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.7E-17	4.2E-09	3.9E-09	9.9E-09	1.8E-08	3.6E-11	8.4E-11	4.6E-12	4.6E-12	2.3E-12	9.5E-12	3.7E-08
Barium												
Beryllium						1.5E-12	3.4E-12	1.8E-13	1.8E-13	1.8E-21	1.1E-20	5.2E-12
Cadmium						1.9E-11	4.5E-11	2.4E-12	2.4E-12	1.0E-21	6.3E-21	6.9E-11
Chromium												
Cobalt						1.3E-09	2.9E-09	1.6E-10	1.6E-10	1.1E-10	8.8E-10	5.5E-09
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						1.3E-11	3.0E-11	1.6E-12	1.6E-12	7.2E-11	5.3E-10	6.5E-10
Phosphorus												
Selenium												
Silver												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		9.9E-20	1.4E-19	9.0E-20	2.5E-19							5.8E-19
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	6.4E-14	9.3E-08	2.6E-14	8.5E-08	4.8E-14	4.7E-12	1.1E-11	5.9E-13	5.9E-13	1.9E-10	1.2E-09	1.8E-07
Benzo(a)pyrene	3.2E-13	7.9E-07	1.4E-08	7.1E-07	2.5E-08	1.8E-11	4.3E-11	2.3E-12	2.3E-12	5.3E-12	4.1E-13	1.5E-06
Benzo(b)fluoranthene	8.7E-15	1.3E-07	1.2E-09	1.2E-07	2.3E-09	2.1E-12	4.8E-12	2.6E-13	2.6E-13	8.6E-13	3.7E-14	2.5E-07
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-593 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Outdoor Vapors at CJ	Inhalation of Outdoor Vapors at Home	Grand Total
Benzo(k)fluoranthene	7.1E-18	6.9E-09	8.7E-17	6.3E-09	1.6E-16	1.8E-14	4.2E-14	2.3E-15	2.3E-15	4.6E-13	2.6E-20	1.3E-08
Biphenyl				3.8E-19	1.1E-18							1.4E-18
Chrysene	1.1E-16	9.8E-10	3.5E-16	8.9E-10	6.3E-16	8.0E-13	1.9E-12	1.0E-13	1.0E-13	6.6E-14	1.0E-19	1.9E-09
Dibenze(a,h)anthracene	1.6E-14	1.5E-07	4.4E-14	1.4E-07	8.0E-14	3.2E-12	7.3E-12	4.0E-13	4.0E-13	1.1E-12	1.4E-18	2.9E-07
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	4.0E-15	2.0E-08	1.2E-14	1.8E-08	2.2E-14	9.7E-13	2.2E-12	1.2E-13	1.2E-13	1.4E-13	3.6E-19	3.8E-08
Napthalene						7.2E-11	1.7E-10	9.0E-12	9.0E-12	1.2E-10	7.4E-10	1.1E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	6.1E-18	5.8E-19	8.1E-19	4.9E-19	1.4E-18	2.7E-14	6.1E-14	3.3E-15	3.3E-15	1.3E-20	8.0E-20	9.4E-14
Heptachlorobiphenyl	6.6E-18	1.9E-18	2.7E-18	1.6E-18	4.5E-18	1.0E-14	2.4E-14	1.3E-15	1.3E-15	2.3E-20	1.4E-19	3.7E-14
Hexachlorobiphenyl	2.7E-17	8.6E-18	1.2E-17	7.3E-18	2.0E-17	4.3E-14	1.0E-13	5.4E-15	5.4E-15	1.1E-19	6.5E-19	1.5E-13
Monochlorobiphenyl	4.3E-17	4.0E-18	5.6E-18	3.4E-18	9.5E-18	1.8E-13	4.3E-13	2.3E-14	2.3E-14	9.0E-20	5.6E-19	6.6E-13
Nonachlorobiphenyl	8.2E-19	3.4E-19	4.7E-19	2.8E-19	8.0E-19	1.5E-15	3.4E-15	1.8E-16	1.8E-16	4.1E-21	2.5E-20	5.2E-15
Octachlorobiphenyl	1.9E-18	6.2E-19	8.6E-19	5.2E-19	1.5E-18	3.2E-15	7.3E-15	4.0E-16	4.0E-16	7.6E-21	4.7E-20	1.1E-14
Pentachlorobiphenyl	8.8E-17	3.1E-17	4.3E-17	2.6E-17	7.3E-17	1.5E-13	3.4E-13	1.9E-14	1.9E-14	3.8E-19	2.3E-18	5.3E-13
Tetrachlorobiphenyl	1.8E-18	2.2E-19	3.1E-19	1.9E-19	5.2E-19	8.6E-15	2.0E-14	1.1E-15	1.1E-15	5.0E-21	3.1E-20	3.1E-14
Trichlorobiphenyl	2.4E-18	2.6E-19	3.7E-19	2.2E-19	6.3E-19	1.1E-14	2.5E-14	1.4E-15	1.4E-15	6.0E-21	3.7E-20	3.9E-14
Pesticides												
DDE				3.1E-09	1.3E-09					2.8E-11	1.7E-10	4.7E-09
Dieldrin		1.4E-08		1.7E-08						2.3E-13		3.1E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene							1.2E-08					1.2E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	7.1E-21						2.4E-13	5.5E-13	3.0E-14	3.0E-14		8.5E-13
2,4-Dimethylphenol												

Table H-593 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	9.8E-17	1.3E-15	1.9E-15	1.6E-15	4.4E-15	6.5E-12	1.5E-11	8.1E-13	8.1E-13	1.3E-20	8.2E-20	2.3E-11
Butyl benzyl phthalate	4.8E-18	8.8E-20	1.2E-19	1.0E-19	2.9E-19							5.4E-18
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	7.5E-18					1.4E-11	3.2E-11	1.7E-12	1.7E-12			5.0E-11
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	1.0E-21					1.4E-14	3.3E-14	1.8E-15	1.8E-15			5.1E-14
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	4.6E-19											4.6E-19
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	1.1E-20					5.9E-13	1.4E-12	7.4E-14	7.4E-14			2.1E-12
1,2-Dichloroethane	1.5E-20					1.0E-12	2.4E-12	3.7E-10	3.7E-10			7.5E-10
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-593 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	1.6E-18					1.2E-08	2.2E-10	1.1E-09	1.1E-09			1.5E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	2.8E-22					5.0E-14	1.2E-13	6.3E-15	6.3E-15			1.8E-13
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	1.3E-22					1.2E-08	4.3E-14	1.3E-09	1.3E-09			1.5E-08
Chlorobenzene												
Chlorodibromomethane	2.2E-20											2.2E-20
Chloroethane												
Chloroform	1.2E-21					1.1E-08	1.5E-12	7.9E-10	7.9E-10			1.2E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	2.3E-19					1.9E-09	1.6E-11	8.7E-13	8.7E-13			1.9E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	7.4E-22					2.6E-15	6.0E-15	3.2E-16	3.2E-16			9.2E-15
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	2.0E-23					4.5E-16	1.0E-15	5.6E-17	5.6E-17			1.6E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	4.5E-24					2.1E-09	9.8E-16	5.3E-17	5.3E-17			2.1E-09
Trichlorofluoromethane												

Table H-593 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Vinyl chloride	4.9E-21					1.9E-10	7.2E-13	3.9E-14	3.9E-14			1.9E-10
Grand Total	4.5E-13	1.2E-06	1.9E-08	1.1E-06	4.7E-08	5.3E-08	5.0E-06	3.8E-09	3.8E-09	5.4E-10	3.5E-09	7.4E-06

Table H-594 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					6.3E-05	2.7E+00	7.9E-06	7.9E-06			2.7E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				9.4E-03	1.9E-02					9.2E-05	4.1E-04	2.9E-02
Antimony	3.9E-14			1.1E-03	4.2E-04							1.5E-03

Table H-594 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	6.5E-04	6.1E-04	1.5E-03	2.9E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	2.5E-06	1.0E-05	5.8E-03
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				6.0E-02	2.1E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	1.5E-04	1.1E-03	2.8E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				2.5E-02	6.2E-02							8.6E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.4E-04	8.9E-04	1.0E-03
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.0E-02	6.6E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	2.2E-04	1.6E-03	8.8E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-594 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12	9.4E-06		8.5E-06		5.0E-05	1.1E-04	6.2E-06	6.2E-06	8.2E-05	5.0E-04	7.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
DDE												
Dieldrin		1.2E-03		1.5E-03								2.7E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.4E-02						1.4E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-594 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.6E-02						1.6E-02
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	9.1E-07	1.4E-04	1.4E-04			2.9E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07

Table H-594 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					3.7E-03	6.7E-05	3.2E-04	3.2E-04			4.4E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.4E-03	5.0E-09	1.5E-04	1.5E-04			1.7E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					3.3E-04	4.6E-08	2.4E-05	2.4E-05			3.8E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					5.3E-05	4.5E-07	2.4E-08	2.4E-08			5.3E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					1.8E-02	8.4E-09	4.5E-10	4.5E-10			1.8E-02
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-594 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					3.0E-05	1.1E-07	6.2E-09	6.2E-09			3.0E-05
Grand Total	5.0E-09	1.9E-03	6.1E-04	1.2E-01	3.6E-01	5.6E-02	2.8E+00	1.0E-03	1.0E-03	6.9E-04	4.5E-03	3.3E+00

Table H-595 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						4.5E-11	1.6E-09	5.7E-12	5.4E-10			2.2E-09
Formaldehyde						1.1E-10	3.8E-09	1.4E-11	1.3E-09			5.2E-09
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	2.3E-17	2.3E-14	4.3E-13	9.1E-14	3.4E-12	4.6E-12	1.8E-10	5.8E-13	6.1E-11	1.3E-18	1.1E-16	2.5E-10
1,2,3,4,6,7,8-HpCDF	2.2E-17	2.3E-14	4.3E-13	9.2E-14	3.4E-12	4.7E-12	1.8E-10	5.8E-13	6.2E-11	1.3E-18	1.1E-16	2.6E-10
1,2,3,4,7,8,9-HpCDF	3.4E-18	2.7E-15	5.2E-14	1.1E-14	4.1E-13	5.9E-13	2.4E-11	7.4E-14	8.0E-12	1.5E-19	1.3E-17	3.3E-11
1,2,3,4,7,8-HxCDD	2.6E-16	2.6E-14	5.1E-13	1.0E-13	4.0E-12	5.5E-12	2.2E-10	6.9E-13	7.4E-11	1.5E-18	1.3E-16	3.1E-10
1,2,3,4,7,8-HxCDF	1.8E-15	2.1E-13	4.0E-12	8.2E-13	3.2E-11	4.5E-11	1.8E-09	5.6E-12	6.0E-10	1.2E-17	1.0E-15	2.5E-09
1,2,3,6,7,8-HxCDD	5.0E-16	5.3E-14	1.0E-12	2.1E-13	8.2E-12	1.2E-11	4.7E-10	1.5E-12	1.6E-10	3.0E-18	2.6E-16	6.5E-10
1,2,3,6,7,8-HxCDF	6.6E-16	6.8E-14	1.3E-12	2.7E-13	1.0E-11	1.5E-11	5.9E-10	1.8E-12	2.0E-10	3.8E-18	3.3E-16	8.2E-10
1,2,3,7,8,9-HxCDD	7.2E-16	8.4E-14	1.6E-12	3.3E-13	1.3E-11	1.8E-11	7.1E-10	2.2E-12	2.4E-10	4.8E-18	4.0E-16	9.9E-10
1,2,3,7,8,9-HxCDF	5.3E-17	4.9E-15	9.5E-14	1.9E-14	7.5E-13	1.1E-12	4.6E-11	1.4E-13	1.5E-11	2.7E-19	2.4E-17	6.3E-11
1,2,3,7,8-PeCDD	1.4E-14	3.0E-13	5.8E-12	1.2E-12	4.6E-11	7.0E-11	2.9E-09	8.8E-12	9.5E-10	1.7E-17	1.4E-15	4.0E-09
1,2,3,7,8-PeCDF	9.6E-16	1.7E-14	3.4E-13	6.9E-14	2.7E-12	5.0E-12	2.0E-10	6.2E-13	6.8E-11	9.8E-19	8.5E-17	2.8E-10
2,3,4,6,7,8-HxCDF	9.5E-16	1.1E-13	2.0E-12	4.2E-13	1.6E-11	2.3E-11	9.0E-10	2.8E-12	3.0E-10	6.0E-18	5.0E-16	1.2E-09
2,3,4,7,8-PeCDF	1.5E-14	4.2E-13	8.2E-12	1.6E-12	6.5E-11	1.1E-10	4.6E-09	1.4E-11	1.5E-09	2.4E-17	2.0E-15	6.3E-09
2,3,7,8-TCDD	4.6E-15	6.0E-14	8.7E-13	2.4E-13	6.8E-12	2.8E-11	9.4E-10	3.5E-12	3.1E-10	2.4E-15	1.5E-13	1.3E-09
2,3,7,8-TCDF	1.5E-15	1.1E-14	2.2E-13	4.3E-14	1.7E-12	1.0E-11	4.3E-10	1.3E-12	1.4E-10	6.2E-19	5.4E-17	5.8E-10
OCDD	3.1E-21	1.6E-16	2.9E-15	6.2E-16	2.3E-14	3.1E-14	1.2E-12	3.8E-15	4.0E-13	8.8E-21	7.1E-19	1.7E-12
OCDF	1.1E-21	6.0E-17	1.1E-15	2.4E-16	8.5E-15	1.1E-14	4.5E-13	1.4E-15	1.5E-13	3.4E-21	2.7E-19	6.2E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-595 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.7E-17	4.2E-09	1.0E-18	9.9E-09	4.9E-18	3.6E-11	1.3E-09	4.6E-12	4.3E-10	2.3E-12	2.5E-21	1.6E-08
Barium												
Beryllium						1.5E-12	5.0E-11	1.8E-13	1.7E-11	1.8E-21	1.5E-19	6.8E-11
Cadmium						1.9E-11	6.8E-10	2.4E-12	2.3E-10	1.0E-21	8.7E-20	9.3E-10
Chromium												
Cobalt						1.3E-09	2.3E-08	1.6E-10	7.7E-09	1.1E-10	1.2E-13	3.2E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						1.3E-11	4.4E-10	1.6E-12	1.5E-10	7.2E-11	6.2E-20	6.8E-10
Phosphorus												
Selenium												
Silver												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		9.9E-20	2.0E-18	9.0E-20	3.7E-18							5.9E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	6.4E-14	9.3E-08	4.2E-13	8.5E-08	7.6E-13	4.7E-12	2.0E-10	5.9E-13	6.8E-11	1.9E-10	3.8E-15	1.8E-07
Benzo(a)pyrene	3.2E-13	7.9E-07	1.8E-12	7.1E-07	3.2E-12	1.8E-11	7.7E-10	2.3E-12	2.6E-10	5.3E-12	5.2E-17	1.5E-06
Benzo(b)fluoranthene	8.7E-15	1.3E-07	9.6E-15	1.2E-07	1.7E-14	2.1E-12	8.3E-11	2.6E-13	2.8E-11	8.6E-13	2.8E-19	2.4E-07
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-595 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Outdoor Vapors at CJ	Inhalation of Outdoor Vapors at Home	Grand Total
Benzo(k)fluoranthene	7.1E-18	6.9E-09	5.7E-16	6.3E-09	1.0E-15	1.8E-14	3.3E-13	2.3E-15	1.1E-13	4.6E-13	1.7E-19	1.3E-08
Biphenyl				3.8E-19	1.6E-17							1.6E-17
Chrysene	1.1E-16	9.8E-10	5.0E-15	8.9E-10	9.1E-15	8.0E-13	3.3E-11	1.0E-13	1.1E-11	6.6E-14	1.5E-18	1.9E-09
Dibenze(a,h)anthracene	1.6E-14	1.5E-07	6.2E-13	1.4E-07	1.1E-12	3.2E-12	1.3E-10	4.0E-13	4.4E-11	1.1E-12	2.0E-17	2.9E-07
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	4.0E-15	2.0E-08	1.7E-13	1.8E-08	3.2E-13	9.7E-13	4.0E-11	1.2E-13	1.3E-11	1.4E-13	5.1E-18	3.9E-08
Napthalene						7.2E-11	3.0E-09	9.0E-12	1.0E-09	1.2E-10		4.2E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	6.1E-18	5.8E-19	1.1E-17	4.9E-19	1.9E-17	2.7E-14	1.1E-12	3.3E-15	3.6E-13	1.3E-20	1.1E-18	1.5E-12
Heptachlorobiphenyl	6.6E-18	1.9E-18	3.7E-17	1.6E-18	6.2E-17	1.0E-14	4.2E-13	1.3E-15	1.4E-13	2.3E-20	2.0E-18	5.7E-13
Hexachlorobiphenyl	2.7E-17	8.6E-18	1.5E-16	7.3E-18	2.6E-16	4.3E-14	1.7E-12	5.4E-15	5.6E-13	1.1E-19	8.4E-18	2.3E-12
Monochlorobiphenyl	4.3E-17	4.0E-18	8.0E-17	3.4E-18	1.4E-16	1.8E-13	7.6E-12	2.3E-14	2.5E-12	9.0E-20	7.9E-18	1.0E-11
Nonachlorobiphenyl	8.2E-19	3.4E-19	5.2E-18	2.8E-19	8.9E-18	1.5E-15	5.2E-14	1.8E-16	1.7E-14	4.1E-21	2.8E-19	7.1E-14
Octachlorobiphenyl	1.9E-18	6.2E-19	1.1E-17	5.2E-19	1.9E-17	3.2E-15	1.2E-13	4.0E-16	4.1E-14	7.6E-21	6.1E-19	1.7E-13
Pentachlorobiphenyl	8.8E-17	3.1E-17	5.3E-16	2.6E-17	9.0E-16	1.5E-13	5.6E-12	1.9E-14	1.9E-12	3.8E-19	2.9E-17	7.7E-12
Tetrachlorobiphenyl	1.8E-18	2.2E-19	3.7E-18	1.9E-19	6.3E-18	8.6E-15	3.2E-13	1.1E-15	1.1E-13	5.0E-21	3.7E-19	4.4E-13
Trichlorobiphenyl	2.4E-18	2.6E-19	4.7E-18	2.2E-19	8.0E-18	1.1E-14	4.2E-13	1.4E-15	1.4E-13	6.0E-21	4.7E-19	5.8E-13
Pesticides												
DDE				3.1E-09						2.8E-11		3.1E-09
Dieldrin		1.4E-08		1.7E-08						2.3E-13		3.1E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene							1.2E-08					1.2E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	7.1E-21						2.4E-13	1.1E-11	3.0E-14	3.6E-12		1.5E-11
2,4-Dimethylphenol												

Table H-595 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	9.8E-17	1.3E-15	2.4E-14	1.6E-15	5.7E-14	6.5E-12	2.5E-10	8.1E-13	8.5E-11	1.3E-20	1.1E-18	3.5E-10
Butyl benzyl phthalate	4.8E-18	8.8E-20	1.8E-18	1.0E-19	4.3E-18							1.1E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	7.5E-18					1.4E-11	2.5E-10	1.7E-12	8.3E-11			3.5E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	1.0E-21					1.4E-14	4.8E-13	1.8E-15	1.6E-13			6.6E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	4.6E-19											4.6E-19
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	1.1E-20					5.9E-13	1.1E-11	7.4E-14	3.5E-12			1.5E-11
1,2-Dichloroethane	1.5E-20					1.0E-12	3.9E-11	3.7E-10	1.3E-11			4.2E-10
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-595 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	1.6E-18					1.2E-08	3.8E-09	1.1E-09	1.3E-09			1.8E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	2.8E-22					5.0E-14	9.0E-13	6.3E-15	3.0E-13			1.3E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	1.3E-22					1.2E-08	3.3E-13	1.3E-09	1.1E-13			1.3E-08
Chlorobenzene												
Chlorodibromomethane	2.2E-20											2.2E-20
Chloroethane												
Chloroform	1.2E-21					1.1E-08	1.3E-11	7.9E-10	4.2E-12			1.1E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	2.3E-19					1.9E-09	2.6E-10	8.7E-13	8.8E-11			2.2E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	7.4E-22					2.6E-15	9.5E-14	3.2E-16	3.2E-14			1.3E-13
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	2.0E-23					4.5E-16	1.6E-14	5.6E-17	5.2E-15			2.1E-14
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	4.5E-24					2.1E-09	7.6E-15	5.3E-17	2.5E-15			2.1E-09
Trichlorofluoromethane												

Table H-595 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Vinyl chloride	4.9E-21					1.9E-10	7.6E-12	3.9E-14	2.5E-12			2.0E-10
Grand Total	4.5E-13	1.2E-06	3.0E-11	1.1E-06	2.2E-10	5.3E-08	5.4E-08	3.8E-09	1.8E-08	5.4E-10	2.8E-13	2.4E-06

Table H-596 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	1.5E-03	5.2E-06	5.0E-04			2.0E-03
Aldehydes												
Acetaldehyde						1.6E-04	5.8E-03	2.0E-05	1.9E-03			7.9E-03
Formaldehyde	2.3E-12					6.3E-05	2.1E-03	7.9E-06	6.9E-04			2.8E-03
Propionaldehyde						2.0E-05	7.2E-04	2.5E-06	2.4E-04	2.1E-12	1.5E-10	9.8E-04
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-06	3.1E-07	9.0E-06	1.3E-06	4.3E-05	1.6E-07	1.4E-05	1.8E-10	1.2E-08	7.0E-05
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	7.7E-03	2.5E-05	2.6E-03			1.1E-02
Metals												
Aluminum				9.4E-03						9.2E-05		9.5E-03
Antimony	3.9E-14			1.1E-03								1.1E-03

Table H-596 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	6.5E-04	1.6E-13	1.5E-03	7.6E-13	4.0E-05	1.4E-03	4.9E-06	4.7E-04	2.5E-06	2.7E-15	4.1E-03
Barium	1.4E-11			2.2E-08	7.5E-07	2.5E-04	6.8E-03	3.1E-05	2.3E-03	4.3E-10	3.2E-08	9.3E-03
Beryllium	1.7E-14			5.2E-13	2.0E-11	2.1E-06	7.3E-05	2.7E-07	2.4E-05	2.6E-15	2.1E-13	9.9E-05
Cadmium	8.3E-12			8.2E-13	3.1E-11	7.6E-05	2.6E-03	9.5E-06	8.8E-04	4.0E-15	3.4E-13	3.6E-03
Chromium	1.9E-15			6.4E-11	2.5E-09							2.6E-09
Cobalt				6.0E-02	4.7E-05	1.6E-03	3.0E-02	2.0E-04	9.9E-03	1.5E-04	2.6E-07	1.0E-01
Copper				1.1E-08	4.3E-07							4.4E-07
Iron				2.5E-02								2.5E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.6E-09	7.8E-08	2.8E-06	9.8E-09	9.2E-07	1.0E-14	7.1E-13	3.8E-06
Mercury, elemental						3.3E-10	1.2E-08	4.1E-11	3.8E-09	1.4E-04		1.4E-04
Methyl Mercury	1.3E-10			3.8E-11	1.5E-09							1.6E-09
Nickel	1.7E-13			2.0E-02	7.8E-12	3.9E-05	1.3E-03	4.8E-06	4.4E-04	2.2E-04	1.9E-13	2.2E-02
Phosphorus				3.7E-10	1.4E-08							1.4E-08
Selenium	5.5E-14			8.1E-15	3.1E-13	8.7E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-20	8.4E-18	4.2E-07
Silver	4.2E-14			1.7E-10	6.3E-09							6.5E-09
Titanium												
Zinc	1.4E-11			6.1E-13	2.2E-11							3.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	6.9E-14	3.1E-15	1.3E-13							2.0E-13
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	1.2E-12	5.2E-14	2.1E-12							3.4E-12
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-596 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	2.8E-13	2.8E-04	1.2E-02	3.5E-05	3.9E-03	4.9E-12	4.5E-10	1.6E-02
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	3.4E-11	1.5E-12	6.3E-11							1.1E-10
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12	9.4E-06		8.5E-06		5.0E-05	2.1E-03	6.2E-06	6.9E-04	8.2E-05		2.9E-03
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.9E-10	8.5E-12	3.5E-10							5.6E-10
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.8E-10	1.2E-11	4.7E-10							8.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	1.1E-10	4.9E-12	1.9E-10	9.8E-10	3.9E-08	1.2E-10	1.3E-08	3.8E-15	3.3E-13	5.4E-08
Hexachlorobiphenyl	4.7E-11	2.6E-11	4.7E-10	2.2E-11	8.0E-10	4.1E-06	1.6E-04	5.1E-07	5.3E-05	1.7E-11	1.4E-09	2.2E-04
Monochlorobiphenyl	6.1E-10	9.8E-11	2.0E-09	8.3E-11	3.3E-09							6.0E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.6E-11	8.6E-13	2.7E-11							4.6E-11
Octachlorobiphenyl	3.4E-12	1.9E-12	3.4E-11	1.6E-12	5.8E-11							9.9E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.6E-09	8.0E-11	2.7E-09	4.6E-05	1.7E-03	5.7E-06	5.7E-04	2.0E-10	1.5E-08	2.3E-03
Tetrachlorobiphenyl	2.6E-11	5.4E-12	9.1E-11	4.5E-12	1.5E-10	2.3E-07	8.7E-06	2.9E-08	2.9E-06	2.3E-13	1.7E-11	1.2E-05
Trichlorobiphenyl	3.4E-11	6.5E-12	1.2E-10	5.5E-12	2.0E-10							3.6E-10
Pesticides												
DDE												
Dieldrin		1.2E-03		1.5E-03								2.7E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	4.3E-06	1.7E-08	1.4E-06			5.9E-06
1,2-dichlorobenzene	3.1E-17					5.4E-10	9.7E-09	6.8E-11	3.2E-09			1.4E-08
1,3-Butadiene						1.4E-02						1.4E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	8.5E-08	2.4E-10	2.8E-08			1.2E-07
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-596 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	3.9E-06	1.2E-08	1.3E-06			5.3E-06
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	6.0E-09	4.0E-10	1.4E-08							2.1E-08
Butyl benzyl phthalate	8.8E-13	1.6E-14	3.3E-13	1.9E-14	7.9E-13							2.0E-12
Carbazole												
Dibenzofuran		1.4E-13	2.9E-12	5.7E-13	2.3E-11							2.6E-11
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	6.7E-13	3.9E-14	1.6E-12							1.9E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	8.7E-12	1.1E-12	2.1E-11							3.1E-11
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.6E-02						1.6E-02
Phenol	4.9E-13					1.5E-06	6.2E-05	1.9E-07	2.1E-05			8.5E-05
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	1.0E-09	3.3E-12	3.3E-10			1.4E-09
1,1-Dichloroethene	1.2E-19					1.3E-10	2.3E-09	1.6E-11	7.7E-10			3.2E-09
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	6.4E-06	4.5E-08	2.1E-06			9.0E-06
1,2,4-Trimethylbenzene						8.9E-07	2.8E-05	1.1E-07	9.4E-06			3.9E-05
1,2-Dibromoethane	4.1E-17					7.7E-09	1.4E-07	9.6E-10	4.6E-08			1.9E-07
1,2-Dichloroethane	1.9E-15					4.0E-07	1.5E-05	1.4E-04	5.0E-06			1.6E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	2.6E-07	8.3E-10	8.7E-08			3.6E-07
2-Chlorotoluene												
2-Hexanone						2.3E-07	8.2E-06	2.8E-08	2.7E-06			1.1E-05

Table H-596 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					3.7E-03	1.1E-03	3.2E-04	3.8E-04			5.5E-03
Bromobenzene						6.2E-07	1.1E-05	7.8E-08	3.7E-06			1.5E-05
Bromochloromethane						2.2E-09	3.9E-08	2.8E-10	1.3E-08			5.5E-08
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	2.3E-05	9.5E-08	7.6E-06			3.1E-05
Carbon disulfide	1.3E-17					4.8E-09	1.4E-07	6.0E-10	4.7E-08			1.9E-07
Carbon tetrachloride	3.4E-17					1.4E-03	3.9E-08	1.5E-04	1.3E-08			1.5E-03
Chlorobenzene	2.3E-15					9.6E-08	3.4E-06	1.2E-08	1.1E-06			4.7E-06
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	3.2E-08	1.1E-10	1.1E-08			4.3E-08
Chloroform	2.8E-16					3.3E-04	3.9E-07	2.4E-05	1.3E-07			3.5E-04
Chloromethane						3.4E-07	1.0E-05	4.3E-08	3.5E-06			1.4E-05
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	9.1E-07	6.4E-09	3.0E-07			1.3E-06
Dichlorodifluoromethane	2.4E-20					2.5E-09	4.4E-08	3.1E-10	1.5E-08			6.2E-08
Ethylbenzene	1.5E-14					5.3E-05	7.4E-06	2.4E-08	2.5E-06			6.2E-05
Isopropylbenzene	2.0E-17					3.9E-08	1.3E-06	4.9E-09	4.5E-07			1.8E-06
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.1E-09	1.5E-11	7.1E-10			3.0E-09
Methylene chloride	4.3E-15					3.0E-08	1.1E-06	3.8E-09	3.7E-07			1.5E-06
n-Butylbenzene												
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07			4.2E-07
o-Xylene	1.4E-15					2.3E-07	7.6E-06	2.9E-08	2.5E-06			1.0E-05
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.9E-05	6.4E-08	6.2E-06			2.5E-05
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	1.1E-07	3.8E-10	3.5E-08			1.4E-07
Toluene	2.0E-14					6.3E-08	2.5E-06	7.9E-09	8.3E-07			3.4E-06
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					1.8E-02	6.5E-08	4.5E-10	2.2E-08			1.8E-02
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-596 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					3.0E-05	1.2E-06	6.2E-09	4.0E-07			3.1E-05
Grand Total	5.0E-09	1.9E-03	1.1E-06	1.2E-01	5.8E-05	5.6E-02	7.7E-02	1.0E-03	2.6E-02	6.9E-04	3.2E-07	2.8E-01

Table H-597 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			4.5E-11	5.7E-12		5.1E-11
Formaldehyde			1.1E-10	1.4E-11		1.3E-10
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	2.3E-14	9.1E-14	4.6E-12	5.8E-13	1.3E-18	5.3E-12
1,2,3,4,6,7,8-HpCDF	2.3E-14	9.2E-14	4.7E-12	5.8E-13	1.3E-18	5.3E-12
1,2,3,4,7,8,9-HpCDF	2.7E-15	1.1E-14	5.9E-13	7.4E-14	1.5E-19	6.8E-13
1,2,3,4,7,8-HxCDD	2.6E-14	1.0E-13	5.5E-12	6.9E-13	1.5E-18	6.3E-12
1,2,3,4,7,8-HxCDF	2.1E-13	8.2E-13	4.5E-11	5.6E-12	1.2E-17	5.1E-11
1,2,3,6,7,8-HxCDD	5.3E-14	2.1E-13	1.2E-11	1.5E-12	3.0E-18	1.3E-11
1,2,3,6,7,8-HxCDF	6.8E-14	2.7E-13	1.5E-11	1.8E-12	3.8E-18	1.7E-11
1,2,3,7,8,9-HxCDD	8.4E-14	3.3E-13	1.8E-11	2.2E-12	4.8E-18	2.0E-11
1,2,3,7,8,9-HxCDF	4.9E-15	1.9E-14	1.1E-12	1.4E-13	2.7E-19	1.3E-12
1,2,3,7,8-PeCDD	3.0E-13	1.2E-12	7.0E-11	8.8E-12	1.7E-17	8.1E-11

Table H-597 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	1.7E-14	6.9E-14	5.0E-12	6.2E-13	9.8E-19	5.7E-12
2,3,4,6,7,8-HxCDF	1.1E-13	4.2E-13	2.3E-11	2.8E-12	6.0E-18	2.6E-11
2,3,4,7,8-PeCDF	4.2E-13	1.6E-12	1.1E-10	1.4E-11	2.4E-17	1.3E-10
2,3,7,8-TCDD	6.0E-14	2.4E-13	2.8E-11	3.5E-12	2.4E-15	3.2E-11
2,3,7,8-TCDF	1.1E-14	4.3E-14	1.0E-11	1.3E-12	6.2E-19	1.2E-11
OCDD	1.6E-16	6.2E-16	3.1E-14	3.8E-15	8.8E-21	3.5E-14
OCDF	6.0E-17	2.4E-16	1.1E-14	1.4E-15	3.4E-21	1.3E-14
HCN						
Hydrogen cyanide						
Metals						
Aluminum						
Antimony						
Arsenic	1.3E-08	3.0E-08	3.6E-11	4.6E-12	7.1E-12	4.3E-08
Barium						
Beryllium			1.5E-12	1.8E-13	1.8E-21	1.7E-12
Cadmium			1.9E-11	2.4E-12	1.0E-21	2.2E-11
Chromium						
Cobalt			1.3E-09	1.6E-10	2.0E-10	1.6E-09
Copper						
Iron						
Lead						
Manganese						
Mercury (+2)						

Table H-597 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental						
Methyl Mercury						
Nickel			1.3E-11	1.6E-12	1.1E-10	1.2E-10
Phosphorus						
Selenium						
Silver						
Thallium (Soluble Salts)						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	9.9E-20	9.0E-20				1.9E-19
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	9.3E-10	8.5E-10	4.7E-12	5.9E-13	1.9E-12	1.8E-09
Benzo(a)pyrene	8.8E-09	8.0E-09	1.8E-11	2.3E-12	5.9E-14	1.7E-08
Benzo(b)fluoranthene	1.4E-09	1.2E-09	2.1E-12	2.6E-13	9.2E-15	2.6E-09

Table H-597 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	7.4E-11	6.7E-11	1.8E-14	2.3E-15	4.9E-15	1.4E-10
Biphenyl		3.8E-19				3.8E-19
Chrysene	1.2E-11	1.1E-11	8.0E-13	1.0E-13	7.9E-16	2.3E-11
Dibenze(a,h)anthracene	2.1E-09	1.9E-09	3.2E-12	4.0E-13	1.5E-14	3.9E-09
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	5.9E-10	5.4E-10	9.7E-13	1.2E-13	4.0E-15	1.1E-09
Napthalene			7.2E-11	9.0E-12		8.1E-11
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Partic						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	5.8E-19	4.9E-19	2.7E-14	3.3E-15	1.3E-20	3.0E-14
Heptachlorobiphenyl	1.9E-18	1.6E-18	1.0E-14	1.3E-15	2.3E-20	1.2E-14
Hexachlorobiphenyl	8.6E-18	7.3E-18	4.3E-14	5.4E-15	1.1E-19	4.9E-14
Monochlorobiphenyl	4.0E-18	3.4E-18	1.8E-13	2.3E-14	9.0E-20	2.1E-13
Nonachlorobiphenyl	3.4E-19	2.8E-19	1.5E-15	1.8E-16	4.1E-21	1.6E-15

Table H-597 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Octachlorobiphenyl	6.2E-19	5.2E-19	3.2E-15	4.0E-16	7.6E-21	3.6E-15
Pentachlorobiphenyl	3.1E-17	2.6E-17	1.5E-13	1.9E-14	3.8E-19	1.7E-13
Tetrachlorobiphenyl	2.2E-19	1.9E-19	8.6E-15	1.1E-15	5.0E-21	9.7E-15
Trichlorobiphenyl	2.6E-19	2.2E-19	1.1E-14	1.4E-15	6.0E-21	1.2E-14
Pesticides						
DDE		4.4E-10			4.0E-12	4.4E-10
Dieldrin	1.1E-10	1.3E-10			1.8E-15	2.3E-10
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-dichlorobenzene						
1,4-dichlorobenzene			2.4E-13	3.0E-14		2.7E-13
1,4-Dioxane			9.1E-09			9.1E-09
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	1.3E-15	1.6E-15	6.5E-12	8.1E-13	1.3E-20	7.3E-12

Table H-597 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Butyl benzyl phthalate	8.8E-20	1.0E-19				1.9E-19
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			1.4E-11	1.7E-12		1.6E-11
Isopropanol						
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			1.4E-14	1.8E-15		1.6E-14
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			5.9E-13	7.4E-14		6.7E-13
1,2-Dichloroethane			1.0E-12	3.7E-10		3.7E-10
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						

Table H-597 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
2-Butanone						
2-Chlorotoluene						
2-Hexanone						
Benzene			7.1E-09	1.1E-09		8.2E-09
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			5.0E-14	6.3E-15		5.7E-14
Bromomethane						
Carbon disulfide						
Carbon tetrachloride			1.1E-08	1.3E-09		1.2E-08
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			1.4E-08	7.9E-10		1.5E-08
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			1.3E-09	8.7E-13		1.3E-09
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						

Table H-597 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Methylene chloride			2.6E-15	3.2E-16		2.9E-15
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethene			4.5E-16	5.6E-17		5.1E-16
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			5.9E-10	5.3E-17		5.9E-10
Trichlorofluoromethane						
Vinyl chloride			8.8E-10	3.9E-14		8.8E-10
Grand Total	2.7E-08	4.3E-08	4.6E-08	3.8E-09	3.2E-10	1.2E-07

Table H-598 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			4.2E-05	5.2E-06		4.7E-05
Aldehydes						
Acetaldehyde			1.6E-04	2.0E-05		1.8E-04
Formaldehyde			6.3E-05	7.9E-06		7.1E-05
Propionaldehyde			2.0E-05	2.5E-06	2.1E-12	2.2E-05
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-598 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	7.9E-08	3.1E-07	1.3E-06	1.6E-07	1.8E-10	1.8E-06
2,3,7,8-TCDF						
OCDD						
OCDF						
HCN						
Hydrogen cyanide			2.0E-04	2.5E-05		2.2E-04
Metals						
Aluminum		1.1E-02			1.1E-04	1.1E-02
Antimony		6.4E-04				6.4E-04
Arsenic	2.0E-03	4.7E-03	4.0E-05	4.9E-06	7.7E-06	6.8E-03
Barium		2.2E-08	2.5E-04	3.1E-05	4.3E-10	2.8E-04
Beryllium		5.2E-13	2.1E-06	2.7E-07	2.6E-15	2.4E-06
Cadmium		8.2E-13	7.6E-05	9.5E-06	4.0E-15	8.5E-05
Chromium		6.4E-11				6.4E-11
Cobalt		1.0E-01	1.6E-03	2.0E-04	2.6E-04	1.1E-01
Copper		1.1E-08				1.1E-08
Iron		3.6E-02				3.6E-02
Lead						
Manganese						
Mercury (+2)		2.1E-10	7.8E-08	9.8E-09	1.0E-14	8.8E-08

Table H-598 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental			3.3E-10	4.1E-11	6.3E-03	6.3E-03
Methyl Mercury		3.8E-11				3.8E-11
Nickel		2.9E-02	3.9E-05	4.8E-06	3.2E-04	3.0E-02
Phosphorus		3.7E-10				3.7E-10
Selenium		8.1E-15	8.7E-09	1.1E-09	9.9E-20	9.8E-09
Silver		1.7E-10				1.7E-10
Thallium (Soluble Salts)		2.7E-02				2.7E-02
Titanium						
Zinc		6.1E-13				6.1E-13
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.4E-15	3.1E-15				6.5E-15
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	5.8E-14	5.2E-14				1.1E-13
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						

Table H-598 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						
Biphenyl		6.7E-15	2.8E-04	3.5E-05	4.9E-12	3.1E-04
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	1.7E-12	1.5E-12				3.2E-12
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene			5.0E-05	6.2E-06		5.6E-05
Perylene						
Phenanthrene						
Pyrene	9.3E-12	8.5E-12				1.8E-11
Particulate						
Particulate Total Suspended Partic						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	1.4E-11	1.2E-11				2.6E-11
Heptachlorobiphenyl	5.8E-12	4.9E-12	9.8E-10	1.2E-10	3.8E-15	1.1E-09
Hexachlorobiphenyl	2.6E-11	2.2E-11	4.1E-06	5.1E-07	1.7E-11	4.6E-06
Monochlorobiphenyl	9.8E-11	8.3E-11				1.8E-10
Nonachlorobiphenyl	1.0E-12	8.6E-13				1.9E-12

Table H-598 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Octachlorobiphenyl	1.9E-12	1.6E-12				3.5E-12
Pentachlorobiphenyl	9.4E-11	8.0E-11	4.6E-05	5.7E-06	2.0E-10	5.1E-05
Tetrachlorobiphenyl	5.4E-12	4.5E-12	2.3E-07	2.9E-08	2.3E-13	2.6E-07
Trichlorobiphenyl	6.5E-12	5.5E-12				1.2E-11
Pesticides						
DDE						
Dieldrin	9.4E-06	1.1E-05				2.1E-05
SVOCs						
1,2,4-trichlorobenzene			1.3E-07	1.7E-08		1.5E-07
1,2-dichlorobenzene			5.4E-10	6.8E-11		6.1E-10
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.9E-09	2.4E-10		2.1E-09
1,4-Dioxane			4.3E-03			4.3E-03
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			9.3E-08	1.2E-08		1.0E-07
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-10	4.0E-10				7.4E-10

Table H-598 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Butyl benzyl phthalate	1.6E-14	1.9E-14				3.6E-14
Carbazole						
Dibenzofuran	1.4E-13	5.7E-13				7.1E-13
Dimethyl phthalate						
Di-n-butyl phthalate	3.3E-14	3.9E-14				7.1E-14
Di-n-octyl phthalate	9.4E-13	1.1E-12				2.1E-12
Hexachlorobutadiene						
Isopropanol			1.0E-02			1.0E-02
Phenol			1.5E-06	1.9E-07		1.7E-06
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			2.7E-11	3.3E-12		3.0E-11
1,1-Dichloroethene			1.3E-10	1.6E-11		1.5E-10
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.6E-07	4.5E-08		4.1E-07
1,2,4-Trimethylbenzene			8.9E-07	1.1E-07		1.0E-06
1,2-Dibromoethane			7.7E-09	9.6E-10		8.6E-09
1,2-Dichloroethane			4.0E-07	1.4E-04		1.4E-04
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						

Table H-598 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
2-Butanone			6.6E-09	8.3E-10		7.4E-09
2-Chlorotoluene						
2-Hexanone			2.3E-07	2.8E-08		2.5E-07
Benzene			2.1E-03	3.2E-04		2.5E-03
Bromobenzene			6.2E-07	7.8E-08		7.0E-07
Bromochloromethane			2.2E-09	2.8E-10		2.5E-09
Bromodichloromethane						
Bromomethane			7.6E-07	9.5E-08		8.6E-07
Carbon disulfide			4.8E-09	6.0E-10		5.4E-09
Carbon tetrachloride			1.3E-03	1.5E-04		1.5E-03
Chlorobenzene			9.6E-08	1.2E-08		1.1E-07
Chlorodibromomethane						
Chloroethane			9.1E-10	1.1E-10		1.0E-09
Chloroform			4.4E-04	2.4E-05		4.7E-04
Chloromethane			3.4E-07	4.3E-08		3.9E-07
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			5.1E-08	6.4E-09		5.7E-08
Dichlorodifluoromethane			2.5E-09	3.1E-10		2.8E-09
Ethylbenzene			3.7E-05	2.4E-08		3.7E-05
Isopropylbenzene			3.9E-08	4.9E-09		4.4E-08
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.2E-10	1.5E-11		1.3E-10

Table H-598 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Methylene chloride			3.0E-08	3.8E-09		3.4E-08
n-Butylbenzene						
n-Propylbenzene			9.4E-09	1.2E-09		1.1E-08
o-Xylene			2.3E-07	2.9E-08		2.6E-07
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			5.1E-07	6.4E-08		5.7E-07
tert-Butylbenzene						
Tetrachloroethene			3.0E-09	3.8E-10		3.4E-09
Toluene			6.3E-08	7.9E-09		7.1E-08
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			5.0E-03	4.5E-10		5.0E-03
Trichlorofluoromethane						
Vinyl chloride			1.4E-04	6.2E-09		1.4E-04
Grand Total	2.0E-03	2.1E-01	2.6E-02	1.0E-03	7.0E-03	2.5E-01

Table H-599 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						4.5E-11	1.1E-10	5.7E-12	5.7E-12			1.6E-10
Formaldehyde						1.1E-10	2.6E-10	1.4E-11	1.4E-11			4.1E-10
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	2.3E-17	2.3E-14	3.2E-14	9.1E-14	2.5E-13	4.6E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	8.0E-18	1.7E-11
1,2,3,4,6,7,8-HpCDF	2.2E-17	2.3E-14	3.3E-14	9.2E-14	2.6E-13	4.7E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	8.1E-18	1.7E-11
1,2,3,4,7,8,9-HpCDF	3.4E-18	2.7E-15	3.7E-15	1.1E-14	3.0E-14	5.9E-13	1.4E-12	7.4E-14	7.4E-14	1.5E-19	9.3E-19	2.1E-12
1,2,3,4,7,8-HxCDD	2.6E-16	2.6E-14	3.7E-14	1.0E-13	2.9E-13	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.5E-18	9.1E-18	2.0E-11
1,2,3,4,7,8-HxCDF	1.8E-15	2.1E-13	2.9E-13	8.2E-13	2.3E-12	4.5E-11	1.0E-10	5.6E-12	5.6E-12	1.2E-17	7.2E-17	1.6E-10
1,2,3,6,7,8-HxCDD	5.0E-16	5.3E-14	7.5E-14	2.1E-13	5.9E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.0E-18	1.9E-17	4.2E-11
1,2,3,6,7,8-HxCDF	6.6E-16	6.8E-14	9.5E-14	2.7E-13	7.5E-13	1.5E-11	3.4E-11	1.8E-12	1.8E-12	3.8E-18	2.4E-17	5.3E-11
1,2,3,7,8,9-HxCDD	7.2E-16	8.4E-14	1.2E-13	3.3E-13	9.3E-13	1.8E-11	4.1E-11	2.2E-12	2.2E-12	4.8E-18	2.9E-17	6.4E-11
1,2,3,7,8,9-HxCDF	5.3E-17	4.9E-15	6.8E-15	1.9E-14	5.4E-14	1.1E-12	2.6E-12	1.4E-13	1.4E-13	2.7E-19	1.7E-18	4.1E-12
1,2,3,7,8-PeCDD	1.4E-14	3.0E-13	4.1E-13	1.2E-12	3.3E-12	7.0E-11	1.6E-10	8.8E-12	8.8E-12	1.7E-17	1.0E-16	2.6E-10
1,2,3,7,8-PeCDF	9.6E-16	1.7E-14	2.4E-14	6.9E-14	1.9E-13	5.0E-12	1.2E-11	6.2E-13	6.2E-13	9.8E-19	6.0E-18	1.8E-11
2,3,4,6,7,8-HxCDF	9.5E-16	1.1E-13	1.5E-13	4.2E-13	1.2E-12	2.3E-11	5.2E-11	2.8E-12	2.8E-12	6.0E-18	3.7E-17	8.2E-11
2,3,4,7,8-PeCDF	1.5E-14	4.2E-13	5.8E-13	1.6E-12	4.6E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	2.4E-17	1.4E-16	4.1E-10
2,3,7,8-TCDD	4.6E-15	6.0E-14	8.4E-14	2.4E-13	6.6E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	2.4E-15	1.4E-14	1.0E-10
2,3,7,8-TCDF	1.5E-15	1.1E-14	1.5E-14	4.3E-14	1.2E-13	1.0E-11	2.4E-11	1.3E-12	1.3E-12	6.2E-19	3.8E-18	3.7E-11
OCDD	3.1E-21	1.6E-16	2.2E-16	6.2E-16	1.7E-15	3.1E-14	7.1E-14	3.8E-15	3.8E-15	8.8E-21	5.4E-20	1.1E-13
OCDF	1.1E-21	6.0E-17	8.4E-17	2.4E-16	6.6E-16	1.1E-14	2.6E-14	1.4E-15	1.4E-15	3.4E-21	2.1E-20	4.2E-14
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-599 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.7E-17	1.3E-08	4.9E-09	3.0E-08	2.3E-08	3.6E-11	8.4E-11	4.6E-12	4.6E-12	7.1E-12	1.2E-11	7.1E-08
Barium												
Beryllium						1.5E-12	3.4E-12	1.8E-13	1.8E-13	1.8E-21	1.1E-20	5.2E-12
Cadmium						1.9E-11	4.5E-11	2.4E-12	2.4E-12	1.0E-21	6.3E-21	6.9E-11
Chromium												
Cobalt						1.3E-09	2.9E-09	1.6E-10	1.6E-10	2.0E-10	5.1E-10	5.2E-09
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						1.3E-11	3.0E-11	1.6E-12	1.6E-12	1.1E-10	2.8E-10	4.4E-10
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		9.9E-20	1.4E-19	9.0E-20	2.5E-19							5.8E-19
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	6.4E-14	9.3E-10	5.3E-09	8.5E-10	9.7E-09	4.7E-12	1.1E-11	5.9E-13	5.9E-13	1.9E-12	1.2E-11	1.7E-08
Benzo(a)pyrene	3.2E-13	8.8E-09	5.9E-08	8.0E-09	1.1E-07	1.8E-11	4.3E-11	2.3E-12	2.3E-12	5.9E-14	1.7E-12	1.8E-07
Benzo(b)fluoranthene	8.7E-15	1.4E-09	8.2E-09	1.2E-09	1.5E-08	2.1E-12	4.8E-12	2.6E-13	2.6E-13	9.2E-15	2.4E-13	2.6E-08
Benzo(e)pyrene												

Table H-599 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	7.1E-18	7.4E-11	4.1E-10	6.7E-11	7.5E-10	1.8E-14	4.2E-14	2.3E-15	2.3E-15	4.9E-15	1.2E-13	1.3E-09
Biphenyl				3.8E-19	1.1E-18							1.4E-18
Chrysene	1.1E-16	1.2E-11	6.0E-11	1.1E-11	1.1E-10	8.0E-13	1.9E-12	1.0E-13	1.0E-13	7.9E-16	1.8E-14	1.9E-10
Dibenze(a,h)anthracene	1.6E-14	2.1E-09	1.5E-08	1.9E-09	2.6E-08	3.2E-12	7.3E-12	4.0E-13	4.0E-13	1.5E-14	4.7E-13	4.5E-08
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	4.0E-15	5.9E-10	3.8E-09	5.4E-10	6.9E-09	9.7E-13	2.2E-12	1.2E-13	1.2E-13	4.0E-15	1.1E-13	1.2E-08
Napthalene						7.2E-11	1.7E-10	9.0E-12	9.0E-12			2.6E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	6.1E-18	5.8E-19	8.1E-19	4.9E-19	1.4E-18	2.7E-14	6.1E-14	3.3E-15	3.3E-15	1.3E-20	8.0E-20	9.4E-14
Heptachlorobiphenyl	6.6E-18	1.9E-18	2.7E-18	1.6E-18	4.5E-18	1.0E-14	2.4E-14	1.3E-15	1.3E-15	2.3E-20	1.4E-19	3.7E-14
Hexachlorobiphenyl	2.7E-17	8.6E-18	1.2E-17	7.3E-18	2.0E-17	4.3E-14	1.0E-13	5.4E-15	5.4E-15	1.1E-19	6.5E-19	1.5E-13
Monochlorobiphenyl	4.3E-17	4.0E-18	5.6E-18	3.4E-18	9.5E-18	1.8E-13	4.3E-13	2.3E-14	2.3E-14	9.0E-20	5.6E-19	6.6E-13
Nonachlorobiphenyl	8.2E-19	3.4E-19	4.7E-19	2.8E-19	8.0E-19	1.5E-15	3.4E-15	1.8E-16	1.8E-16	4.1E-21	2.5E-20	5.2E-15
Octachlorobiphenyl	1.9E-18	6.2E-19	8.6E-19	5.2E-19	1.5E-18	3.2E-15	7.3E-15	4.0E-16	4.0E-16	7.6E-21	4.7E-20	1.1E-14
Pentachlorobiphenyl	8.8E-17	3.1E-17	4.3E-17	2.6E-17	7.3E-17	1.5E-13	3.4E-13	1.9E-14	1.9E-14	3.8E-19	2.3E-18	5.3E-13
Tetrachlorobiphenyl	1.8E-18	2.2E-19	3.1E-19	1.9E-19	5.2E-19	8.6E-15	2.0E-14	1.1E-15	1.1E-15	5.0E-21	3.1E-20	3.1E-14
Trichlorobiphenyl	2.4E-18	2.6E-19	3.7E-19	2.2E-19	6.3E-19	1.1E-14	2.5E-14	1.4E-15	1.4E-15	6.0E-21	3.7E-20	3.9E-14
Pesticides												
DDE				4.4E-10	1.1E-09					4.0E-12	2.4E-11	1.5E-09
Dieldrin		1.1E-10	2.3E-09	1.3E-10	5.4E-09					1.8E-15	1.7E-13	7.9E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	7.1E-21					2.4E-13	5.5E-13	3.0E-14	3.0E-14			8.5E-13
1,4-Dioxane						9.1E-09						9.1E-09

Table H-599 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	9.8E-17	1.3E-15	1.9E-15	1.6E-15	4.4E-15	6.5E-12	1.5E-11	8.1E-13	8.1E-13	1.3E-20	8.2E-20	2.3E-11
Butyl benzyl phthalate	4.8E-18	8.8E-20	1.2E-19	1.0E-19	2.9E-19							5.4E-18
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	7.5E-18					1.4E-11	3.2E-11	1.7E-12	1.7E-12			5.0E-11
Isopropanol												
p-Chloroaniline			9.3E-10		2.2E-09							3.1E-09
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	1.0E-21					1.4E-14	3.3E-14	1.8E-15	1.8E-15			5.1E-14
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	4.6E-19											4.6E-19
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	1.1E-20					5.9E-13	1.4E-12	7.4E-14	7.4E-14			2.1E-12
1,2-Dichloroethane	1.5E-20					1.0E-12	1.6E-08	3.7E-10	3.7E-10			1.7E-08
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												

Table H-599 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorotoluene												
2-Hexanone												
Benzene	1.6E-18					7.1E-09	3.0E-08	1.1E-09	1.1E-09			3.9E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	2.8E-22					5.0E-14	1.8E-07	6.3E-15	6.3E-15			1.8E-07
Bromoform							2.4E-08					2.4E-08
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	1.3E-22					1.1E-08	3.3E-08	1.3E-09	1.3E-09			4.7E-08
Chlorobenzene												
Chlorodibromomethane	2.2E-20											2.2E-20
Chloroethane												
Chloroform	1.2E-21					1.4E-08	2.6E-07	7.9E-10	7.9E-10			2.8E-07
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	2.3E-19					1.3E-09	7.9E-09	8.7E-13	8.7E-13			9.2E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	7.4E-22					2.6E-15	6.0E-15	3.2E-16	3.2E-16			9.2E-15
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	2.0E-23					4.5E-16	1.0E-15	5.6E-17	5.6E-17			1.6E-15
Toluene												
trans-1,2-Dichloroethene												

Table H-599 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,3-Dichloropropene												
Trichloroethene	4.5E-24					5.9E-10	2.6E-08	5.3E-17	5.3E-17			2.7E-08
Trichlorofluoromethane												
Vinyl chloride	4.9E-21					8.8E-10	7.2E-13	3.9E-14	3.9E-14			8.8E-10
Grand Total	4.5E-13	2.7E-08	9.9E-08	4.3E-08	2.0E-07	4.6E-08	5.8E-07	3.8E-09	3.8E-09	3.2E-10	8.5E-10	1.0E-06

Table H-600 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					6.3E-05	1.5E-04	7.9E-06	7.9E-06			2.2E-04
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.1E-02	2.0E-02					1.1E-04	4.2E-04	3.1E-02
Antimony	3.9E-14			6.4E-04	3.6E-03							4.2E-03

Table H-600 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	2.0E-03	7.7E-04	4.7E-03	3.6E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	7.7E-06	1.3E-05	1.1E-02
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				1.0E-01	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.6E-04	6.6E-04	2.3E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				3.6E-02	5.4E-02							9.0E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	6.3E-03	3.9E-02	4.5E-02
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.9E-02	3.5E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.2E-04	8.5E-04	6.6E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Thallium (Soluble Salts)				2.7E-02	1.7E-02							4.4E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-600 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
DDE												
Dieldrin		9.4E-06	2.0E-04	1.1E-05	4.7E-04							6.9E-04
SVOCs												
1,2,4-trichlorobenzene								1.3E-07	3.1E-07	1.7E-08	1.7E-08	4.8E-07
1,2-dichlorobenzene	3.1E-17							5.4E-10	1.3E-09	6.8E-11	6.8E-11	1.9E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15							1.9E-09	4.4E-09	2.4E-10	2.4E-10	6.8E-09
1,4-Dioxane								4.3E-03				4.3E-03

Table H-600 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.0E-02	1.1E-02					2.1E-02
p-Chloroaniline			8.2E-05		1.9E-04							2.8E-04
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	6.3E-03	1.4E-04	1.4E-04			6.5E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08

Table H-600 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.1E-03	9.0E-03	3.2E-04	3.2E-04			1.2E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromoform												
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.3E-03	3.9E-03	1.5E-04	1.5E-04			5.5E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					4.4E-04	8.1E-03	2.4E-05	2.4E-05			8.6E-03
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					3.7E-05	2.2E-04	2.4E-08	2.4E-08			2.6E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15

Table H-600 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					5.0E-03	2.2E-01	4.5E-10	4.5E-10			2.3E-01
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					1.4E-04	1.1E-07	6.2E-09	6.2E-09			1.4E-04
Grand Total	5.0E-09	2.0E-03	1.0E-03	2.1E-01	2.6E-01	2.6E-02	2.7E-01	1.0E-03	1.0E-03	7.0E-03	4.1E-02	8.2E-01

Table H-601 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						4.5E-11	1.1E-10	5.7E-12	5.7E-12			1.6E-10
Formaldehyde						1.1E-10	7.3E-06	1.4E-11	1.4E-11			7.3E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	2.3E-17	2.3E-14	3.2E-14	9.1E-14	2.5E-13	4.6E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	8.0E-18	1.7E-11
1,2,3,4,6,7,8-HpCDF	2.2E-17	2.3E-14	3.3E-14	9.2E-14	2.6E-13	4.7E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	8.1E-18	1.7E-11
1,2,3,4,7,8,9-HpCDF	3.4E-18	2.7E-15	3.7E-15	1.1E-14	3.0E-14	5.9E-13	1.4E-12	7.4E-14	7.4E-14	1.5E-19	9.3E-19	2.1E-12
1,2,3,4,7,8-HxCDD	2.6E-16	2.6E-14	3.7E-14	1.0E-13	2.9E-13	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.5E-18	9.1E-18	2.0E-11
1,2,3,4,7,8-HxCDF	1.8E-15	2.1E-13	2.9E-13	8.2E-13	2.3E-12	4.5E-11	1.0E-10	5.6E-12	5.6E-12	1.2E-17	7.2E-17	1.6E-10
1,2,3,6,7,8-HxCDD	5.0E-16	5.3E-14	7.5E-14	2.1E-13	5.9E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.0E-18	1.9E-17	4.2E-11
1,2,3,6,7,8-HxCDF	6.6E-16	6.8E-14	9.5E-14	2.7E-13	7.5E-13	1.5E-11	3.4E-11	1.8E-12	1.8E-12	3.8E-18	2.4E-17	5.3E-11
1,2,3,7,8,9-HxCDD	7.2E-16	8.4E-14	1.2E-13	3.3E-13	9.3E-13	1.8E-11	4.1E-11	2.2E-12	2.2E-12	4.8E-18	2.9E-17	6.4E-11
1,2,3,7,8,9-HxCDF	5.3E-17	4.9E-15	6.8E-15	1.9E-14	5.4E-14	1.1E-12	2.6E-12	1.4E-13	1.4E-13	2.7E-19	1.7E-18	4.1E-12
1,2,3,7,8-PeCDD	1.4E-14	3.0E-13	4.1E-13	1.2E-12	3.3E-12	7.0E-11	1.6E-10	8.8E-12	8.8E-12	1.7E-17	1.0E-16	2.6E-10
1,2,3,7,8-PeCDF	9.6E-16	1.7E-14	2.4E-14	6.9E-14	1.9E-13	5.0E-12	1.2E-11	6.2E-13	6.2E-13	9.8E-19	6.0E-18	1.8E-11
2,3,4,6,7,8-HxCDF	9.5E-16	1.1E-13	1.5E-13	4.2E-13	1.2E-12	2.3E-11	5.2E-11	2.8E-12	2.8E-12	6.0E-18	3.7E-17	8.2E-11
2,3,4,7,8-PeCDF	1.5E-14	4.2E-13	5.8E-13	1.6E-12	4.6E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	2.4E-17	1.4E-16	4.1E-10
2,3,7,8-TCDD	4.6E-15	6.0E-14	8.4E-14	2.4E-13	6.6E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	2.4E-15	1.4E-14	1.0E-10
2,3,7,8-TCDF	1.5E-15	1.1E-14	1.5E-14	4.3E-14	1.2E-13	1.0E-11	2.4E-11	1.3E-12	1.3E-12	6.2E-19	3.8E-18	3.7E-11
OCDD	3.1E-21	1.6E-16	2.2E-16	6.2E-16	1.7E-15	3.1E-14	7.1E-14	3.8E-15	3.8E-15	8.8E-21	5.4E-20	1.1E-13
OCDF	1.1E-21	6.0E-17	8.4E-17	2.4E-16	6.6E-16	1.1E-14	2.6E-14	1.4E-15	1.4E-15	3.4E-21	2.1E-20	4.2E-14
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-601 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.7E-17	1.3E-08	9.8E-09	3.0E-08	4.6E-08	3.6E-11	8.4E-11	4.6E-12	4.6E-12	7.1E-12	2.4E-11	9.9E-08
Barium												
Beryllium						1.5E-12	3.4E-12	1.8E-13	1.8E-13	1.8E-21	1.1E-20	5.2E-12
Cadmium						1.9E-11	4.5E-11	2.4E-12	2.4E-12	1.0E-21	6.3E-21	6.9E-11
Chromium												
Cobalt						1.3E-09	2.9E-09	1.6E-10	1.6E-10	2.0E-10	5.2E-10	5.2E-09
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						1.3E-11	3.0E-11	1.6E-12	1.6E-12	1.1E-10	3.2E-10	4.7E-10
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		9.9E-20	1.4E-19	9.0E-20	2.5E-19							5.8E-19
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	6.4E-14	9.3E-10	2.6E-14	8.5E-10	4.8E-14	4.7E-12	1.1E-11	5.9E-13	5.9E-13	1.9E-12	1.2E-11	1.8E-09
Benzo(a)pyrene	3.2E-13	8.8E-09	1.2E-13	8.0E-09	2.2E-13	1.8E-11	4.3E-11	2.3E-12	2.3E-12	5.9E-14	3.6E-18	1.7E-08
Benzo(b)fluoranthene	8.7E-15	1.4E-09	7.0E-16	1.2E-09	1.3E-15	2.1E-12	4.8E-12	2.6E-13	2.6E-13	9.2E-15	2.1E-20	2.6E-09
Benzo(e)pyrene												

Table H-601 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	7.1E-18	7.4E-11	8.7E-17	6.7E-11	1.6E-16	1.8E-14	4.2E-14	2.3E-15	2.3E-15	4.9E-15	2.6E-20	1.4E-10
Biphenyl				3.8E-19	1.1E-18							1.4E-18
Chrysene	1.1E-16	1.2E-11	3.5E-16	1.1E-11	6.3E-16	8.0E-13	1.9E-12	1.0E-13	1.0E-13	7.9E-16	1.0E-19	2.5E-11
Dibenze(a,h)anthracene	1.6E-14	2.1E-09	4.4E-14	1.9E-09	8.0E-14	3.2E-12	7.3E-12	4.0E-13	4.0E-13	1.5E-14	1.4E-18	3.9E-09
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	4.0E-15	5.9E-10	1.2E-14	5.4E-10	2.2E-14	9.7E-13	2.2E-12	1.2E-13	1.2E-13	4.0E-15	3.6E-19	1.1E-09
Napthalene						7.2E-11	1.7E-10	9.0E-12	9.0E-12			2.6E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	6.1E-18	5.8E-19	8.1E-19	4.9E-19	1.4E-18	2.7E-14	6.1E-14	3.3E-15	3.3E-15	1.3E-20	8.0E-20	9.4E-14
Heptachlorobiphenyl	6.6E-18	1.9E-18	2.7E-18	1.6E-18	4.5E-18	1.0E-14	2.4E-14	1.3E-15	1.3E-15	2.3E-20	1.4E-19	3.7E-14
Hexachlorobiphenyl	2.7E-17	8.6E-18	1.2E-17	7.3E-18	2.0E-17	4.3E-14	1.0E-13	5.4E-15	5.4E-15	1.1E-19	6.5E-19	1.5E-13
Monochlorobiphenyl	4.3E-17	4.0E-18	5.6E-18	3.4E-18	9.5E-18	1.8E-13	4.3E-13	2.3E-14	2.3E-14	9.0E-20	5.6E-19	6.6E-13
Nonachlorobiphenyl	8.2E-19	3.4E-19	4.7E-19	2.8E-19	8.0E-19	1.5E-15	3.4E-15	1.8E-16	1.8E-16	4.1E-21	2.5E-20	5.2E-15
Octachlorobiphenyl	1.9E-18	6.2E-19	8.6E-19	5.2E-19	1.5E-18	3.2E-15	7.3E-15	4.0E-16	4.0E-16	7.6E-21	4.7E-20	1.1E-14
Pentachlorobiphenyl	8.8E-17	3.1E-17	4.3E-17	2.6E-17	7.3E-17	1.5E-13	3.4E-13	1.9E-14	1.9E-14	3.8E-19	2.3E-18	5.3E-13
Tetrachlorobiphenyl	1.8E-18	2.2E-19	3.1E-19	1.9E-19	5.2E-19	8.6E-15	2.0E-14	1.1E-15	1.1E-15	5.0E-21	3.1E-20	3.1E-14
Trichlorobiphenyl	2.4E-18	2.6E-19	3.7E-19	2.2E-19	6.3E-19	1.1E-14	2.5E-14	1.4E-15	1.4E-15	6.0E-21	3.7E-20	3.9E-14
Pesticides												
DDE				4.4E-10	3.8E-10					4.0E-12	2.4E-11	8.4E-10
Dieldrin		1.1E-10		1.3E-10						1.8E-15		2.3E-10
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	7.1E-21					2.4E-13	5.5E-13	3.0E-14	3.0E-14			8.5E-13
1,4-Dioxane						9.1E-09						9.1E-09

Table H-601 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	9.8E-17	1.3E-15	1.9E-15	1.6E-15	4.4E-15	6.5E-12	1.5E-11	8.1E-13	8.1E-13	1.3E-20	8.2E-20	2.3E-11
Butyl benzyl phthalate	4.8E-18	8.8E-20	1.2E-19	1.0E-19	2.9E-19							5.4E-18
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	7.5E-18					1.4E-11	3.2E-11	1.7E-12	1.7E-12			5.0E-11
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	1.0E-21					1.4E-14	3.3E-14	1.8E-15	1.8E-15			5.1E-14
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	4.6E-19											4.6E-19
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	1.1E-20					5.9E-13	1.4E-12	7.4E-14	7.4E-14			2.1E-12
1,2-Dichloroethane	1.5E-20					1.0E-12	2.4E-12	3.7E-10	3.7E-10			7.5E-10
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												

Table H-601 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone												
Benzene	1.6E-18					7.1E-09	2.2E-10	1.1E-09	1.1E-09			9.5E-09
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	2.8E-22					5.0E-14	1.2E-13	6.3E-15	6.3E-15			1.8E-13
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	1.3E-22					1.1E-08	4.3E-14	1.3E-09	1.3E-09			1.4E-08
Chlorobenzene												
Chlorodibromomethane	2.2E-20											2.2E-20
Chloroethane												
Chloroform	1.2E-21					1.4E-08	1.5E-12	7.9E-10	7.9E-10			1.6E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	2.3E-19					1.3E-09	1.6E-11	8.7E-13	8.7E-13			1.3E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	7.4E-22					2.6E-15	6.0E-15	3.2E-16	3.2E-16			9.2E-15
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	2.0E-23					4.5E-16	1.0E-15	5.6E-17	5.6E-17			1.6E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	4.5E-24					5.9E-10	9.8E-16	5.3E-17	5.3E-17			5.9E-10

Table H-601 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane												
Vinyl chloride	4.9E-21					8.8E-10	7.2E-13	3.9E-14	3.9E-14			8.8E-10
Grand Total	4.5E-13	2.7E-08	9.8E-09	4.3E-08	4.7E-08	4.6E-08	7.4E-06	3.8E-09	3.8E-09	3.2E-10	8.9E-10	7.5E-06

Table H-602 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					6.3E-05	4.0E+00	7.9E-06	7.9E-06			4.0E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.1E-02	2.4E-02					1.1E-04	5.1E-04	3.5E-02
Antimony	3.9E-14			6.4E-04	1.2E-03							1.8E-03

Table H-602 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	2.0E-03	1.5E-03	4.7E-03	7.2E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	7.7E-06	2.6E-05	1.6E-02
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				1.0E-01	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.6E-04	6.7E-04	2.4E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				3.6E-02	5.7E-02							9.3E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	6.3E-03	3.9E-02	4.5E-02
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.9E-02	4.0E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.2E-04	9.5E-04	7.0E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Thallium (Soluble Salts)				2.7E-02	1.4E-02							4.1E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-602 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
DDE												
Dieldrin		9.4E-06		1.1E-05								2.1E-05
SVOCs												
1,2,4-trichlorobenzene								1.3E-07	3.1E-07	1.7E-08	1.7E-08	4.8E-07
1,2-dichlorobenzene	3.1E-17							5.4E-10	1.3E-09	6.8E-11	6.8E-11	1.9E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15							1.9E-09	4.4E-09	2.4E-10	2.4E-10	6.8E-09
1,4-Dioxane								4.3E-03				4.3E-03

Table H-602 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.0E-02						1.0E-02
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	9.1E-07	1.4E-04	1.4E-04			2.9E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												

Table H-602 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.1E-03	6.7E-05	3.2E-04	3.2E-04			2.8E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.3E-03	5.0E-09	1.5E-04	1.5E-04			1.6E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					4.4E-04	4.6E-08	2.4E-05	2.4E-05			4.9E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					3.7E-05	4.5E-07	2.4E-08	2.4E-08			3.7E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					5.0E-03	8.4E-09	4.5E-10	4.5E-10			5.0E-03

Table H-602 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					1.4E-04	1.1E-07	6.2E-09	6.2E-09			1.4E-04
Grand Total	5.0E-09	2.0E-03	1.5E-03	2.1E-01	2.7E-01	2.6E-02	4.0E+00	1.0E-03	1.0E-03	7.0E-03	4.1E-02	4.6E+00

Table H-603 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						4.5E-11	1.1E-10	5.7E-12	5.7E-12			1.6E-10
Formaldehyde						1.1E-10	5.0E-06	1.4E-11	1.4E-11			5.0E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	2.3E-17	2.3E-14	3.2E-14	9.1E-14	2.5E-13	4.6E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	8.0E-18	1.7E-11
1,2,3,4,6,7,8-HpCDF	2.2E-17	2.3E-14	3.3E-14	9.2E-14	2.6E-13	4.7E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	8.1E-18	1.7E-11
1,2,3,4,7,8,9-HpCDF	3.4E-18	2.7E-15	3.7E-15	1.1E-14	3.0E-14	5.9E-13	1.4E-12	7.4E-14	7.4E-14	1.5E-19	9.3E-19	2.1E-12
1,2,3,4,7,8-HxCDD	2.6E-16	2.6E-14	3.7E-14	1.0E-13	2.9E-13	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.5E-18	9.1E-18	2.0E-11
1,2,3,4,7,8-HxCDF	1.8E-15	2.1E-13	2.9E-13	8.2E-13	2.3E-12	4.5E-11	1.0E-10	5.6E-12	5.6E-12	1.2E-17	7.2E-17	1.6E-10
1,2,3,6,7,8-HxCDD	5.0E-16	5.3E-14	7.5E-14	2.1E-13	5.9E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.0E-18	1.9E-17	4.2E-11
1,2,3,6,7,8-HxCDF	6.6E-16	6.8E-14	9.5E-14	2.7E-13	7.5E-13	1.5E-11	3.4E-11	1.8E-12	1.8E-12	3.8E-18	2.4E-17	5.3E-11
1,2,3,7,8,9-HxCDD	7.2E-16	8.4E-14	1.2E-13	3.3E-13	9.3E-13	1.8E-11	4.1E-11	2.2E-12	2.2E-12	4.8E-18	2.9E-17	6.4E-11
1,2,3,7,8,9-HxCDF	5.3E-17	4.9E-15	6.8E-15	1.9E-14	5.4E-14	1.1E-12	2.6E-12	1.4E-13	1.4E-13	2.7E-19	1.7E-18	4.1E-12
1,2,3,7,8-PeCDD	1.4E-14	3.0E-13	4.1E-13	1.2E-12	3.3E-12	7.0E-11	1.6E-10	8.8E-12	8.8E-12	1.7E-17	1.0E-16	2.6E-10
1,2,3,7,8-PeCDF	9.6E-16	1.7E-14	2.4E-14	6.9E-14	1.9E-13	5.0E-12	1.2E-11	6.2E-13	6.2E-13	9.8E-19	6.0E-18	1.8E-11
2,3,4,6,7,8-HxCDF	9.5E-16	1.1E-13	1.5E-13	4.2E-13	1.2E-12	2.3E-11	5.2E-11	2.8E-12	2.8E-12	6.0E-18	3.7E-17	8.2E-11
2,3,4,7,8-PeCDF	1.5E-14	4.2E-13	5.8E-13	1.6E-12	4.6E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	2.4E-17	1.4E-16	4.1E-10
2,3,7,8-TCDD	4.6E-15	6.0E-14	8.4E-14	2.4E-13	6.6E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	2.4E-15	1.4E-14	1.0E-10
2,3,7,8-TCDF	1.5E-15	1.1E-14	1.5E-14	4.3E-14	1.2E-13	1.0E-11	2.4E-11	1.3E-12	1.3E-12	6.2E-19	3.8E-18	3.7E-11
OCDD	3.1E-21	1.6E-16	2.2E-16	6.2E-16	1.7E-15	3.1E-14	7.1E-14	3.8E-15	3.8E-15	8.8E-21	5.4E-20	1.1E-13
OCDF	1.1E-21	6.0E-17	8.4E-17	2.4E-16	6.6E-16	1.1E-14	2.6E-14	1.4E-15	1.4E-15	3.4E-21	2.1E-20	4.2E-14
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-603 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.7E-17	1.3E-08	3.9E-09	3.0E-08	1.8E-08	3.6E-11	8.4E-11	4.6E-12	4.6E-12	7.1E-12	9.5E-12	6.6E-08
Barium												
Beryllium						1.5E-12	3.4E-12	1.8E-13	1.8E-13	1.8E-21	1.1E-20	5.2E-12
Cadmium						1.9E-11	4.5E-11	2.4E-12	2.4E-12	1.0E-21	6.3E-21	6.9E-11
Chromium												
Cobalt						1.3E-09	2.9E-09	1.6E-10	1.6E-10	2.0E-10	8.8E-10	5.6E-09
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						1.3E-11	3.0E-11	1.6E-12	1.6E-12	1.1E-10	5.3E-10	6.8E-10
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		9.9E-20	1.4E-19	9.0E-20	2.5E-19							5.8E-19
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	6.4E-14	9.3E-10	2.6E-14	8.5E-10	4.8E-14	4.7E-12	1.1E-11	5.9E-13	5.9E-13	1.9E-12	1.2E-11	1.8E-09
Benzo(a)pyrene	3.2E-13	8.8E-09	1.4E-08	8.0E-09	2.5E-08	1.8E-11	4.3E-11	2.3E-12	2.3E-12	5.9E-14	4.1E-13	5.6E-08
Benzo(b)fluoranthene	8.7E-15	1.4E-09	1.2E-09	1.2E-09	2.3E-09	2.1E-12	4.8E-12	2.6E-13	2.6E-13	9.2E-15	3.7E-14	6.1E-09
Benzo(e)pyrene												

Table H-603 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	7.1E-18	7.4E-11	8.7E-17	6.7E-11	1.6E-16	1.8E-14	4.2E-14	2.3E-15	2.3E-15	4.9E-15	2.6E-20	1.4E-10
Biphenyl				3.8E-19	1.1E-18							1.4E-18
Chrysene	1.1E-16	1.2E-11	3.5E-16	1.1E-11	6.3E-16	8.0E-13	1.9E-12	1.0E-13	1.0E-13	7.9E-16	1.0E-19	2.5E-11
Dibenze(a,h)anthracene	1.6E-14	2.1E-09	4.4E-14	1.9E-09	8.0E-14	3.2E-12	7.3E-12	4.0E-13	4.0E-13	1.5E-14	1.4E-18	3.9E-09
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	4.0E-15	5.9E-10	1.2E-14	5.4E-10	2.2E-14	9.7E-13	2.2E-12	1.2E-13	1.2E-13	4.0E-15	3.6E-19	1.1E-09
Napthalene						7.2E-11	1.7E-10	9.0E-12	9.0E-12			2.6E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	6.1E-18	5.8E-19	8.1E-19	4.9E-19	1.4E-18	2.7E-14	6.1E-14	3.3E-15	3.3E-15	1.3E-20	8.0E-20	9.4E-14
Heptachlorobiphenyl	6.6E-18	1.9E-18	2.7E-18	1.6E-18	4.5E-18	1.0E-14	2.4E-14	1.3E-15	1.3E-15	2.3E-20	1.4E-19	3.7E-14
Hexachlorobiphenyl	2.7E-17	8.6E-18	1.2E-17	7.3E-18	2.0E-17	4.3E-14	1.0E-13	5.4E-15	5.4E-15	1.1E-19	6.5E-19	1.5E-13
Monochlorobiphenyl	4.3E-17	4.0E-18	5.6E-18	3.4E-18	9.5E-18	1.8E-13	4.3E-13	2.3E-14	2.3E-14	9.0E-20	5.6E-19	6.6E-13
Nonachlorobiphenyl	8.2E-19	3.4E-19	4.7E-19	2.8E-19	8.0E-19	1.5E-15	3.4E-15	1.8E-16	1.8E-16	4.1E-21	2.5E-20	5.2E-15
Octachlorobiphenyl	1.9E-18	6.2E-19	8.6E-19	5.2E-19	1.5E-18	3.2E-15	7.3E-15	4.0E-16	4.0E-16	7.6E-21	4.7E-20	1.1E-14
Pentachlorobiphenyl	8.8E-17	3.1E-17	4.3E-17	2.6E-17	7.3E-17	1.5E-13	3.4E-13	1.9E-14	1.9E-14	3.8E-19	2.3E-18	5.3E-13
Tetrachlorobiphenyl	1.8E-18	2.2E-19	3.1E-19	1.9E-19	5.2E-19	8.6E-15	2.0E-14	1.1E-15	1.1E-15	5.0E-21	3.1E-20	3.1E-14
Trichlorobiphenyl	2.4E-18	2.6E-19	3.7E-19	2.2E-19	6.3E-19	1.1E-14	2.5E-14	1.4E-15	1.4E-15	6.0E-21	3.7E-20	3.9E-14
Pesticides												
DDE				4.4E-10	1.3E-09					4.0E-12	2.4E-11	1.8E-09
Dieldrin		1.1E-10		1.3E-10						1.8E-15		2.3E-10
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	7.1E-21					2.4E-13	5.5E-13	3.0E-14	3.0E-14			8.5E-13
1,4-Dioxane						9.1E-09						9.1E-09

Table H-603 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	9.8E-17	1.3E-15	1.9E-15	1.6E-15	4.4E-15	6.5E-12	1.5E-11	8.1E-13	8.1E-13	1.3E-20	8.2E-20	2.3E-11
Butyl benzyl phthalate	4.8E-18	8.8E-20	1.2E-19	1.0E-19	2.9E-19							5.4E-18
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	7.5E-18					1.4E-11	3.2E-11	1.7E-12	1.7E-12			5.0E-11
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	1.0E-21					1.4E-14	3.3E-14	1.8E-15	1.8E-15			5.1E-14
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	4.6E-19											4.6E-19
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	1.1E-20					5.9E-13	1.4E-12	7.4E-14	7.4E-14			2.1E-12
1,2-Dichloroethane	1.5E-20					1.0E-12	2.4E-12	3.7E-10	3.7E-10			7.5E-10
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												

Table H-603 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone												
Benzene	1.6E-18					7.1E-09	2.2E-10	1.1E-09	1.1E-09			9.5E-09
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	2.8E-22					5.0E-14	1.2E-13	6.3E-15	6.3E-15			1.8E-13
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	1.3E-22					1.1E-08	4.3E-14	1.3E-09	1.3E-09			1.4E-08
Chlorobenzene												
Chlorodibromomethane	2.2E-20											2.2E-20
Chloroethane												
Chloroform	1.2E-21					1.4E-08	1.5E-12	7.9E-10	7.9E-10			1.6E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	2.3E-19					1.3E-09	1.6E-11	8.7E-13	8.7E-13			1.3E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	7.4E-22					2.6E-15	6.0E-15	3.2E-16	3.2E-16			9.2E-15
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	2.0E-23					4.5E-16	1.0E-15	5.6E-17	5.6E-17			1.6E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	4.5E-24					5.9E-10	9.8E-16	5.3E-17	5.3E-17			5.9E-10

Table H-603 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane												
Vinyl chloride	4.9E-21					8.8E-10	7.2E-13	3.9E-14	3.9E-14			8.8E-10
Grand Total	4.5E-13	2.7E-08	1.9E-08	4.3E-08	4.7E-08	4.6E-08	5.0E-06	3.8E-09	3.8E-09	3.2E-10	1.5E-09	5.2E-06

Table H-604 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					6.3E-05	2.7E+00	7.9E-06	7.9E-06			2.7E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.1E-02	1.9E-02					1.1E-04	4.1E-04	3.0E-02
Antimony	3.9E-14			6.4E-04	4.2E-04							1.1E-03

Table H-604 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	2.0E-03	6.1E-04	4.7E-03	2.9E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	7.7E-06	1.0E-05	1.0E-02
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				1.0E-01	2.1E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.6E-04	1.1E-03	3.2E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				3.6E-02	6.2E-02							9.8E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	6.3E-03	3.9E-02	4.5E-02
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.9E-02	6.6E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.2E-04	1.6E-03	9.7E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Thallium (Soluble Salts)				2.7E-02								2.7E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-604 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
DDE												
Dieldrin		9.4E-06		1.1E-05								2.1E-05
SVOCs												
1,2,4-trichlorobenzene								1.3E-07	3.1E-07	1.7E-08	1.7E-08	4.8E-07
1,2-dichlorobenzene	3.1E-17							5.4E-10	1.3E-09	6.8E-11	6.8E-11	1.9E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15							1.9E-09	4.4E-09	2.4E-10	2.4E-10	6.8E-09
1,4-Dioxane								4.3E-03				4.3E-03

Table H-604 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.0E-02						1.0E-02
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	9.1E-07	1.4E-04	1.4E-04			2.9E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												

Table H-604 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.1E-03	6.7E-05	3.2E-04	3.2E-04			2.8E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.3E-03	5.0E-09	1.5E-04	1.5E-04			1.6E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					4.4E-04	4.6E-08	2.4E-05	2.4E-05			4.9E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					3.7E-05	4.5E-07	2.4E-08	2.4E-08			3.7E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					5.0E-03	8.4E-09	4.5E-10	4.5E-10			5.0E-03

Table H-604 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					1.4E-04	1.1E-07	6.2E-09	6.2E-09			1.4E-04
Grand Total	5.0E-09	2.0E-03	6.1E-04	2.1E-01	3.6E-01	2.6E-02	2.8E+00	1.0E-03	1.0E-03	7.0E-03	4.2E-02	3.4E+00

Table H-605 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						4.5E-11	1.6E-09	5.7E-12	5.4E-10			2.2E-09
Formaldehyde						1.1E-10	3.8E-09	1.4E-11	1.3E-09			5.2E-09
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	2.3E-17	2.3E-14	4.3E-13	9.1E-14	3.4E-12	4.6E-12	1.8E-10	5.8E-13	6.1E-11	1.3E-18	1.1E-16	2.5E-10
1,2,3,4,6,7,8-HpCDF	2.2E-17	2.3E-14	4.3E-13	9.2E-14	3.4E-12	4.7E-12	1.8E-10	5.8E-13	6.2E-11	1.3E-18	1.1E-16	2.6E-10
1,2,3,4,7,8,9-HpCDF	3.4E-18	2.7E-15	5.2E-14	1.1E-14	4.1E-13	5.9E-13	2.4E-11	7.4E-14	8.0E-12	1.5E-19	1.3E-17	3.3E-11
1,2,3,4,7,8-HxCDD	2.6E-16	2.6E-14	5.1E-13	1.0E-13	4.0E-12	5.5E-12	2.2E-10	6.9E-13	7.4E-11	1.5E-18	1.3E-16	3.1E-10
1,2,3,4,7,8-HxCDF	1.8E-15	2.1E-13	4.0E-12	8.2E-13	3.2E-11	4.5E-11	1.8E-09	5.6E-12	6.0E-10	1.2E-17	1.0E-15	2.5E-09
1,2,3,6,7,8-HxCDD	5.0E-16	5.3E-14	1.0E-12	2.1E-13	8.2E-12	1.2E-11	4.7E-10	1.5E-12	1.6E-10	3.0E-18	2.6E-16	6.5E-10
1,2,3,6,7,8-HxCDF	6.6E-16	6.8E-14	1.3E-12	2.7E-13	1.0E-11	1.5E-11	5.9E-10	1.8E-12	2.0E-10	3.8E-18	3.3E-16	8.2E-10
1,2,3,7,8,9-HxCDD	7.2E-16	8.4E-14	1.6E-12	3.3E-13	1.3E-11	1.8E-11	7.1E-10	2.2E-12	2.4E-10	4.8E-18	4.0E-16	9.9E-10
1,2,3,7,8,9-HxCDF	5.3E-17	4.9E-15	9.5E-14	1.9E-14	7.5E-13	1.1E-12	4.6E-11	1.4E-13	1.5E-11	2.7E-19	2.4E-17	6.3E-11
1,2,3,7,8-PeCDD	1.4E-14	3.0E-13	5.8E-12	1.2E-12	4.6E-11	7.0E-11	2.9E-09	8.8E-12	9.5E-10	1.7E-17	1.4E-15	4.0E-09
1,2,3,7,8-PeCDF	9.6E-16	1.7E-14	3.4E-13	6.9E-14	2.7E-12	5.0E-12	2.0E-10	6.2E-13	6.8E-11	9.8E-19	8.5E-17	2.8E-10
2,3,4,6,7,8-HxCDF	9.5E-16	1.1E-13	2.0E-12	4.2E-13	1.6E-11	2.3E-11	9.0E-10	2.8E-12	3.0E-10	6.0E-18	5.0E-16	1.2E-09
2,3,4,7,8-PeCDF	1.5E-14	4.2E-13	8.2E-12	1.6E-12	6.5E-11	1.1E-10	4.6E-09	1.4E-11	1.5E-09	2.4E-17	2.0E-15	6.3E-09
2,3,7,8-TCDD	4.6E-15	6.0E-14	8.7E-13	2.4E-13	6.8E-12	2.8E-11	9.4E-10	3.5E-12	3.1E-10	2.4E-15	1.5E-13	1.3E-09
2,3,7,8-TCDF	1.5E-15	1.1E-14	2.2E-13	4.3E-14	1.7E-12	1.0E-11	4.3E-10	1.3E-12	1.4E-10	6.2E-19	5.4E-17	5.8E-10
OCDD	3.1E-21	1.6E-16	2.9E-15	6.2E-16	2.3E-14	3.1E-14	1.2E-12	3.8E-15	4.0E-13	8.8E-21	7.1E-19	1.7E-12
OCDF	1.1E-21	6.0E-17	1.1E-15	2.4E-16	8.5E-15	1.1E-14	4.5E-13	1.4E-15	1.5E-13	3.4E-21	2.7E-19	6.2E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-605 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.7E-17	1.3E-08	1.0E-18	3.0E-08	4.9E-18	3.6E-11	1.3E-09	4.6E-12	4.3E-10	7.1E-12	2.5E-21	4.5E-08
Barium												
Beryllium						1.5E-12	5.0E-11	1.8E-13	1.7E-11	1.8E-21	1.5E-19	6.8E-11
Cadmium						1.9E-11	6.8E-10	2.4E-12	2.3E-10	1.0E-21	8.7E-20	9.3E-10
Chromium												
Cobalt						1.3E-09	2.3E-08	1.6E-10	7.7E-09	2.0E-10	1.2E-13	3.2E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						1.3E-11	4.4E-10	1.6E-12	1.5E-10	1.1E-10	6.2E-20	7.1E-10
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		9.9E-20	2.0E-18	9.0E-20	3.7E-18							5.9E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	6.4E-14	9.3E-10	4.2E-13	8.5E-10	7.6E-13	4.7E-12	2.0E-10	5.9E-13	6.8E-11	1.9E-12	3.8E-15	2.1E-09
Benzo(a)pyrene	3.2E-13	8.8E-09	1.8E-12	8.0E-09	3.2E-12	1.8E-11	7.7E-10	2.3E-12	2.6E-10	5.9E-14	5.2E-17	1.8E-08
Benzo(b)fluoranthene	8.7E-15	1.4E-09	9.6E-15	1.2E-09	1.7E-14	2.1E-12	8.3E-11	2.6E-13	2.8E-11	9.2E-15	2.8E-19	2.7E-09
Benzo(e)pyrene												

Table H-605 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	7.1E-18	7.4E-11	5.7E-16	6.7E-11	1.0E-15	1.8E-14	3.3E-13	2.3E-15	1.1E-13	4.9E-15	1.7E-19	1.4E-10
Biphenyl				3.8E-19	1.6E-17							1.6E-17
Chrysene	1.1E-16	1.2E-11	5.0E-15	1.1E-11	9.1E-15	8.0E-13	3.3E-11	1.0E-13	1.1E-11	7.9E-16	1.5E-18	6.8E-11
Dibenze(a,h)anthracene	1.6E-14	2.1E-09	6.2E-13	1.9E-09	1.1E-12	3.2E-12	1.3E-10	4.0E-13	4.4E-11	1.5E-14	2.0E-17	4.1E-09
Fluorene												
Indeno(1,2,3-cd)pyrene	4.0E-15	5.9E-10	1.7E-13	5.4E-10	3.2E-13	9.7E-13	4.0E-11	1.2E-13	1.3E-11	4.0E-15	5.1E-18	1.2E-09
Napthalene						7.2E-11	3.0E-09	9.0E-12	1.0E-09			4.1E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	6.1E-18	5.8E-19	1.1E-17	4.9E-19	1.9E-17	2.7E-14	1.1E-12	3.3E-15	3.6E-13	1.3E-20	1.1E-18	1.5E-12
Heptachlorobiphenyl	6.6E-18	1.9E-18	3.7E-17	1.6E-18	6.2E-17	1.0E-14	4.2E-13	1.3E-15	1.4E-13	2.3E-20	2.0E-18	5.7E-13
Hexachlorobiphenyl	2.7E-17	8.6E-18	1.5E-16	7.3E-18	2.6E-16	4.3E-14	1.7E-12	5.4E-15	5.6E-13	1.1E-19	8.4E-18	2.3E-12
Monochlorobiphenyl	4.3E-17	4.0E-18	8.0E-17	3.4E-18	1.4E-16	1.8E-13	7.6E-12	2.3E-14	2.5E-12	9.0E-20	7.9E-18	1.0E-11
Nonachlorobiphenyl	8.2E-19	3.4E-19	5.2E-18	2.8E-19	8.9E-18	1.5E-15	5.2E-14	1.8E-16	1.7E-14	4.1E-21	2.8E-19	7.1E-14
Octachlorobiphenyl	1.9E-18	6.2E-19	1.1E-17	5.2E-19	1.9E-17	3.2E-15	1.2E-13	4.0E-16	4.1E-14	7.6E-21	6.1E-19	1.7E-13
Pentachlorobiphenyl	8.8E-17	3.1E-17	5.3E-16	2.6E-17	9.0E-16	1.5E-13	5.6E-12	1.9E-14	1.9E-12	3.8E-19	2.9E-17	7.7E-12
Tetrachlorobiphenyl	1.8E-18	2.2E-19	3.7E-18	1.9E-19	6.3E-18	8.6E-15	3.2E-13	1.1E-15	1.1E-13	5.0E-21	3.7E-19	4.4E-13
Trichlorobiphenyl	2.4E-18	2.6E-19	4.7E-18	2.2E-19	8.0E-18	1.1E-14	4.2E-13	1.4E-15	1.4E-13	6.0E-21	4.7E-19	5.8E-13
Pesticides												
DDE				4.4E-10						4.0E-12		4.4E-10
Dieldrin		1.1E-10		1.3E-10						1.8E-15		2.3E-10
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	7.1E-21					2.4E-13	1.1E-11	3.0E-14	3.6E-12			1.5E-11
1,4-Dioxane						9.1E-09						9.1E-09

Table H-605 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	9.8E-17	1.3E-15	2.4E-14	1.6E-15	5.7E-14	6.5E-12	2.5E-10	8.1E-13	8.5E-11	1.3E-20	1.1E-18	3.5E-10
Butyl benzyl phthalate	4.8E-18	8.8E-20	1.8E-18	1.0E-19	4.3E-18							1.1E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	7.5E-18					1.4E-11	2.5E-10	1.7E-12	8.3E-11			3.5E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	1.0E-21					1.4E-14	4.8E-13	1.8E-15	1.6E-13			6.6E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	4.6E-19											4.6E-19
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	1.1E-20					5.9E-13	1.1E-11	7.4E-14	3.5E-12			1.5E-11
1,2-Dichloroethane	1.5E-20					1.0E-12	3.9E-11	3.7E-10	1.3E-11			4.2E-10
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												

Table H-605 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone												
Benzene	1.6E-18					7.1E-09	3.8E-09	1.1E-09	1.3E-09			1.3E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	2.8E-22					5.0E-14	9.0E-13	6.3E-15	3.0E-13			1.3E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	1.3E-22					1.1E-08	3.3E-13	1.3E-09	1.1E-13			1.2E-08
Chlorobenzene												
Chlorodibromomethane	2.2E-20											2.2E-20
Chloroethane												
Chloroform	1.2E-21					1.4E-08	1.3E-11	7.9E-10	4.2E-12			1.5E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	2.3E-19					1.3E-09	2.6E-10	8.7E-13	8.8E-11			1.7E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	7.4E-22					2.6E-15	9.5E-14	3.2E-16	3.2E-14			1.3E-13
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	2.0E-23					4.5E-16	1.6E-14	5.6E-17	5.2E-15			2.1E-14
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	4.5E-24					5.9E-10	7.6E-15	5.3E-17	2.5E-15			5.9E-10

Table H-605 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane												
Vinyl chloride	4.9E-21					8.8E-10	7.6E-12	3.9E-14	2.5E-12			8.9E-10
Grand Total	4.5E-13	2.7E-08	3.0E-11	4.3E-08	2.2E-10	4.6E-08	5.4E-08	3.8E-09	1.8E-08	3.2E-10	2.8E-13	1.9E-07

Table H-606 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	1.5E-03	5.2E-06	5.0E-04			2.0E-03
Aldehydes												
Acetaldehyde						1.6E-04	5.8E-03	2.0E-05	1.9E-03			7.9E-03
Formaldehyde	2.3E-12					6.3E-05	2.1E-03	7.9E-06	6.9E-04			2.8E-03
Propionaldehyde						2.0E-05	7.2E-04	2.5E-06	2.4E-04	2.1E-12	1.5E-10	9.8E-04
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-06	3.1E-07	9.0E-06	1.3E-06	4.3E-05	1.6E-07	1.4E-05	1.8E-10	1.2E-08	7.0E-05
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	7.7E-03	2.5E-05	2.6E-03			1.1E-02
Metals												
Aluminum				1.1E-02						1.1E-04		1.1E-02
Antimony	3.9E-14			6.4E-04								6.4E-04

Table H-606 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	2.0E-03	1.6E-13	4.7E-03	7.6E-13	4.0E-05	1.4E-03	4.9E-06	4.7E-04	7.7E-06	2.7E-15	8.6E-03
Barium	1.4E-11			2.2E-08	7.5E-07	2.5E-04	6.8E-03	3.1E-05	2.3E-03	4.3E-10	3.2E-08	9.3E-03
Beryllium	1.7E-14			5.2E-13	2.0E-11	2.1E-06	7.3E-05	2.7E-07	2.4E-05	2.6E-15	2.1E-13	9.9E-05
Cadmium	8.3E-12			8.2E-13	3.1E-11	7.6E-05	2.6E-03	9.5E-06	8.8E-04	4.0E-15	3.4E-13	3.6E-03
Chromium	1.9E-15			6.4E-11	2.5E-09							2.6E-09
Cobalt	1.0E-01			1.0E-01	4.7E-05	1.6E-03	3.0E-02	2.0E-04	9.9E-03	2.6E-04	2.6E-07	1.5E-01
Copper				1.1E-08	4.3E-07							4.4E-07
Iron				3.6E-02								3.6E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.6E-09	7.8E-08	2.8E-06	9.8E-09	9.2E-07	1.0E-14	7.1E-13	3.8E-06
Mercury, elemental						3.3E-10	1.2E-08	4.1E-11	3.8E-09	6.3E-03		6.3E-03
Methyl Mercury	1.3E-10			3.8E-11	1.5E-09							1.6E-09
Nickel	1.7E-13			2.9E-02	7.8E-12	3.9E-05	1.3E-03	4.8E-06	4.4E-04	3.2E-04	1.9E-13	3.1E-02
Phosphorus				3.7E-10	1.4E-08							1.4E-08
Selenium	5.5E-14			8.1E-15	3.1E-13	8.7E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-20	8.4E-18	4.2E-07
Silver	4.2E-14			1.7E-10	6.3E-09							6.5E-09
Thallium (Soluble Salts)				2.7E-02								2.7E-02
Titanium												
Zinc	1.4E-11			6.1E-13	2.2E-11							3.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	6.9E-14	3.1E-15	1.3E-13							2.0E-13
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	1.2E-12	5.2E-14	2.1E-12							3.4E-12
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-606 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	2.8E-13	2.8E-04	1.2E-02	3.5E-05	3.9E-03	4.9E-12	4.5E-10	1.6E-02
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	3.4E-11	1.5E-12	6.3E-11							1.1E-10
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	2.1E-03	6.2E-06	6.9E-04			2.8E-03
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.9E-10	8.5E-12	3.5E-10							5.6E-10
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.8E-10	1.2E-11	4.7E-10							8.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	1.1E-10	4.9E-12	1.9E-10	9.8E-10	3.9E-08	1.2E-10	1.3E-08	3.8E-15	3.3E-13	5.4E-08
Hexachlorobiphenyl	4.7E-11	2.6E-11	4.7E-10	2.2E-11	8.0E-10	4.1E-06	1.6E-04	5.1E-07	5.3E-05	1.7E-11	1.4E-09	2.2E-04
Monochlorobiphenyl	6.1E-10	9.8E-11	2.0E-09	8.3E-11	3.3E-09							6.0E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.6E-11	8.6E-13	2.7E-11							4.6E-11
Octachlorobiphenyl	3.4E-12	1.9E-12	3.4E-11	1.6E-12	5.8E-11							9.9E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.6E-09	8.0E-11	2.7E-09	4.6E-05	1.7E-03	5.7E-06	5.7E-04	2.0E-10	1.5E-08	2.3E-03
Tetrachlorobiphenyl	2.6E-11	5.4E-12	9.1E-11	4.5E-12	1.5E-10	2.3E-07	8.7E-06	2.9E-08	2.9E-06	2.3E-13	1.7E-11	1.2E-05
Trichlorobiphenyl	3.4E-11	6.5E-12	1.2E-10	5.5E-12	2.0E-10							3.6E-10
Pesticides												
DDE												
Dieldrin		9.4E-06		1.1E-05								2.1E-05
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	4.3E-06	1.7E-08	1.4E-06			5.9E-06
1,2-dichlorobenzene	3.1E-17					5.4E-10	9.7E-09	6.8E-11	3.2E-09			1.4E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	8.5E-08	2.4E-10	2.8E-08			1.2E-07
1,4-Dioxane						4.3E-03						4.3E-03

Table H-606 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	3.9E-06	1.2E-08	1.3E-06			5.3E-06
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	6.0E-09	4.0E-10	1.4E-08							2.1E-08
Butyl benzyl phthalate	8.8E-13	1.6E-14	3.3E-13	1.9E-14	7.9E-13							2.0E-12
Carbazole												
Dibenzofuran		1.4E-13	2.9E-12	5.7E-13	2.3E-11							2.6E-11
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	6.7E-13	3.9E-14	1.6E-12							1.9E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	8.7E-12	1.1E-12	2.1E-11							3.1E-11
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.0E-02						1.0E-02
Phenol	4.9E-13					1.5E-06	6.2E-05	1.9E-07	2.1E-05			8.5E-05
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	1.0E-09	3.3E-12	3.3E-10			1.4E-09
1,1-Dichloroethene	1.2E-19					1.3E-10	2.3E-09	1.6E-11	7.7E-10			3.2E-09
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	6.4E-06	4.5E-08	2.1E-06			9.0E-06
1,2,4-Trimethylbenzene						8.9E-07	2.8E-05	1.1E-07	9.4E-06			3.9E-05
1,2-Dibromoethane	4.1E-17					7.7E-09	1.4E-07	9.6E-10	4.6E-08			1.9E-07
1,2-Dichloroethane	1.9E-15					4.0E-07	1.5E-05	1.4E-04	5.0E-06			1.6E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	2.6E-07	8.3E-10	8.7E-08			3.6E-07
2-Chlorotoluene												

Table H-606 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Hexanone						2.3E-07	8.2E-06	2.8E-08	2.7E-06			1.1E-05
Benzene	4.9E-13					2.1E-03	1.1E-03	3.2E-04	3.8E-04			4.0E-03
Bromobenzene						6.2E-07	1.1E-05	7.8E-08	3.7E-06			1.5E-05
Bromochloromethane						2.2E-09	3.9E-08	2.8E-10	1.3E-08			5.5E-08
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	2.3E-05	9.5E-08	7.6E-06			3.1E-05
Carbon disulfide	1.3E-17					4.8E-09	1.4E-07	6.0E-10	4.7E-08			1.9E-07
Carbon tetrachloride	3.4E-17					1.3E-03	3.9E-08	1.5E-04	1.3E-08			1.5E-03
Chlorobenzene	2.3E-15					9.6E-08	3.4E-06	1.2E-08	1.1E-06			4.7E-06
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	3.2E-08	1.1E-10	1.1E-08			4.3E-08
Chloroform	2.8E-16					4.4E-04	3.9E-07	2.4E-05	1.3E-07			4.7E-04
Chloromethane						3.4E-07	1.0E-05	4.3E-08	3.5E-06			1.4E-05
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	9.1E-07	6.4E-09	3.0E-07			1.3E-06
Dichlorodifluoromethane	2.4E-20					2.5E-09	4.4E-08	3.1E-10	1.5E-08			6.2E-08
Ethylbenzene	1.5E-14					3.7E-05	7.4E-06	2.4E-08	2.5E-06			4.6E-05
Isopropylbenzene	2.0E-17					3.9E-08	1.3E-06	4.9E-09	4.5E-07			1.8E-06
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.1E-09	1.5E-11	7.1E-10			3.0E-09
Methylene chloride	4.3E-15					3.0E-08	1.1E-06	3.8E-09	3.7E-07			1.5E-06
n-Butylbenzene												
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07			4.2E-07
o-Xylene	1.4E-15					2.3E-07	7.6E-06	2.9E-08	2.5E-06			1.0E-05
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.9E-05	6.4E-08	6.2E-06			2.5E-05
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	1.1E-07	3.8E-10	3.5E-08			1.4E-07
Toluene	2.0E-14					6.3E-08	2.5E-06	7.9E-09	8.3E-07			3.4E-06
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					5.0E-03	6.5E-08	4.5E-10	2.2E-08			5.0E-03

Table H-606 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					1.4E-04	1.2E-06	6.2E-09	4.0E-07			1.4E-04
Grand Total	5.0E-09	2.0E-03	1.1E-06	2.1E-01	5.8E-05	2.6E-02	7.7E-02	1.0E-03	2.6E-02	7.0E-03	3.2E-07	3.5E-01

Table H-607 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			4.5E-11	5.7E-12		5.1E-11
Formaldehyde			8.9E-07	1.4E-11		8.9E-07
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	2.3E-14	9.1E-14	4.6E-12	5.8E-13	1.3E-18	5.3E-12
1,2,3,4,6,7,8-HpCDF	2.3E-14	9.2E-14	4.7E-12	5.8E-13	1.3E-18	5.3E-12
1,2,3,4,7,8,9-HpCDF	2.7E-15	1.1E-14	5.9E-13	7.4E-14	1.5E-19	6.8E-13
1,2,3,4,7,8-HxCDD	2.6E-14	1.0E-13	5.5E-12	6.9E-13	1.5E-18	6.3E-12
1,2,3,4,7,8-HxCDF	2.1E-13	8.2E-13	4.5E-11	5.6E-12	1.2E-17	5.1E-11
1,2,3,6,7,8-HxCDD	5.3E-14	2.1E-13	1.2E-11	1.5E-12	3.0E-18	1.3E-11
1,2,3,6,7,8-HxCDF	6.8E-14	2.7E-13	1.5E-11	1.8E-12	3.8E-18	1.7E-11
1,2,3,7,8,9-HxCDD	8.4E-14	3.3E-13	1.8E-11	2.2E-12	4.8E-18	2.0E-11
1,2,3,7,8,9-HxCDF	4.9E-15	1.9E-14	1.1E-12	1.4E-13	2.7E-19	1.3E-12
1,2,3,7,8-PeCDD	3.0E-13	1.2E-12	7.0E-11	8.8E-12	1.7E-17	8.1E-11

Table H-607 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	1.7E-14	6.9E-14	5.0E-12	6.2E-13	9.8E-19	5.7E-12
2,3,4,6,7,8-HxCDF	1.1E-13	4.2E-13	2.3E-11	2.8E-12	6.0E-18	2.6E-11
2,3,4,7,8-PeCDF	4.2E-13	1.6E-12	1.1E-10	1.4E-11	2.4E-17	1.3E-10
2,3,7,8-TCDD	6.0E-14	2.4E-13	2.8E-11	3.5E-12	2.4E-15	3.2E-11
2,3,7,8-TCDF	1.1E-14	4.3E-14	1.0E-11	1.3E-12	6.2E-19	1.2E-11
OCDD	1.6E-16	6.2E-16	3.1E-14	3.8E-15	8.8E-21	3.5E-14
OCDF	6.0E-17	2.4E-16	1.1E-14	1.4E-15	3.4E-21	1.3E-14
HCN						
Hydrogen cyanide						
Metals						
Aluminum						
Antimony						
Arsenic	5.8E-08	1.4E-07	3.6E-11	4.6E-12	3.2E-11	2.0E-07
Barium						
Beryllium			1.5E-12	1.8E-13	1.8E-21	1.7E-12
Cadmium			1.9E-11	2.4E-12	1.0E-21	2.2E-11
Chromium						
Cobalt			1.3E-09	1.6E-10	2.1E-10	1.6E-09
Copper						
Iron						
Lead						
Manganese						
Mercury (+2)						

Table H-607 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental						
Methyl Mercury						
Nickel			1.3E-11	1.6E-12	1.0E-10	1.2E-10
Phosphorus						
Selenium						
Silver						
Thallium (Soluble Salts)						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	9.9E-20	9.0E-20				1.9E-19
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	1.7E-09	1.6E-09	4.7E-12	5.9E-13	3.6E-12	3.3E-09
Benzo(a)pyrene	1.8E-08	1.6E-08	1.8E-11	2.3E-12	1.2E-13	3.4E-08
Benzo(b)fluoranthene	3.1E-09	2.9E-09	2.1E-12	2.6E-13	2.1E-14	6.0E-09

Table H-607 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	1.3E-10	1.2E-10	1.8E-14	2.3E-15	8.6E-15	2.4E-10
Biphenyl		3.8E-19				3.8E-19
Chrysene	2.5E-11	2.2E-11	8.0E-13	1.0E-13	1.6E-15	4.8E-11
Dibenze(a,h)anthracene	3.1E-14	2.8E-14	3.2E-12	4.0E-13	2.3E-19	3.6E-12
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	9.8E-10	8.9E-10	9.7E-13	1.2E-13	6.6E-15	1.9E-09
Napthalene			7.2E-11	9.0E-12		8.1E-11
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	5.8E-19	4.9E-19	2.7E-14	3.3E-15	1.3E-20	3.0E-14
Heptachlorobiphenyl	1.9E-18	1.6E-18	1.0E-14	1.3E-15	2.3E-20	1.2E-14
Hexachlorobiphenyl	8.6E-18	7.3E-18	4.3E-14	5.4E-15	1.1E-19	4.9E-14
Monochlorobiphenyl	4.0E-18	3.4E-18	1.8E-13	2.3E-14	9.0E-20	2.1E-13
Nonachlorobiphenyl	3.4E-19	2.8E-19	1.5E-15	1.8E-16	4.1E-21	1.6E-15

Table H-607 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Octachlorobiphenyl	6.2E-19	5.2E-19	3.2E-15	4.0E-16	7.6E-21	3.6E-15
Pentachlorobiphenyl	3.1E-17	2.6E-17	1.5E-13	1.9E-14	3.8E-19	1.7E-13
Tetrachlorobiphenyl	2.2E-19	1.9E-19	8.6E-15	1.1E-15	5.0E-21	9.7E-15
Trichlorobiphenyl	2.6E-19	2.2E-19	1.1E-14	1.4E-15	6.0E-21	1.2E-14
Pesticides						
DDE		3.3E-08			3.0E-10	3.4E-08
Dieldrin	6.1E-09	7.2E-09			1.0E-13	1.3E-08
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-dichlorobenzene						
1,4-dichlorobenzene			2.4E-13	3.0E-14		2.7E-13
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	1.3E-15	1.6E-15	6.5E-12	8.1E-13	1.3E-20	7.3E-12
Butyl benzyl phthalate	8.8E-20	1.0E-19				1.9E-19

Table H-607 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			1.4E-11	1.7E-12		1.6E-11
Isopropanol						
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			1.4E-14	1.8E-15		1.6E-14
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			5.9E-13	7.4E-14		6.7E-13
1,2-Dichloroethane			8.5E-09	3.7E-10		8.9E-09
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						

Table H-607 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
2-Chlorotoluene						
2-Hexanone						
Benzene			9.2E-08	1.1E-09		9.3E-08
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			5.0E-14	6.3E-15		5.7E-14
Bromomethane						
Carbon disulfide						
Carbon tetrachloride			1.3E-08	1.3E-09		1.5E-08
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			1.2E-08	7.9E-10		1.3E-08
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			7.7E-09	8.7E-13		7.7E-09
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			2.6E-15	3.2E-16		2.9E-15

Table H-607 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethene			4.5E-16	5.6E-17		5.1E-16
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			2.9E-10	5.3E-17		2.9E-10
Trichlorofluoromethane						
Vinyl chloride			3.1E-13	3.9E-14		3.5E-13
Grand Total	8.8E-08	2.0E-07	1.0E-06	3.8E-09	6.4E-10	1.3E-06

Table H-608 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			4.2E-05	5.2E-06		4.7E-05
Aldehydes						
Acetaldehyde			1.6E-04	2.0E-05		1.8E-04
Formaldehyde			4.9E-01	7.9E-06		4.9E-01
Propionaldehyde			2.0E-05	2.5E-06	2.1E-12	2.2E-05
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-608 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	7.9E-08	3.1E-07	1.3E-06	1.6E-07	1.8E-10	1.8E-06
2,3,7,8-TCDF						
OCDD						
OCDF						
HCN						
Hydrogen cyanide			2.0E-04	2.5E-05		2.2E-04
Metals						
Aluminum		1.2E-02			1.1E-04	1.2E-02
Antimony		1.9E-03				1.9E-03
Arsenic	9.1E-03	2.1E-02	4.0E-05	4.9E-06	3.5E-05	3.1E-02
Barium		2.2E-08	2.5E-04	3.1E-05	4.3E-10	2.8E-04
Beryllium		5.2E-13	2.1E-06	2.7E-07	2.6E-15	2.4E-06
Cadmium		8.2E-13	7.6E-05	9.5E-06	4.0E-15	8.5E-05
Chromium		6.4E-11				6.4E-11
Cobalt		1.1E-01	1.6E-03	2.0E-04	2.7E-04	1.1E-01
Copper		1.1E-08				1.1E-08
Iron		3.9E-02				3.9E-02
Lead						
Manganese						
Mercury (+2)		2.1E-10	7.8E-08	9.8E-09	1.0E-14	8.8E-08

Table H-608 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental			3.3E-10	4.1E-11	1.7E-04	1.7E-04
Methyl Mercury		3.8E-11				3.8E-11
Nickel		2.8E-02	3.9E-05	4.8E-06	3.0E-04	2.8E-02
Phosphorus		3.7E-10				3.7E-10
Selenium		8.1E-15	8.7E-09	1.1E-09	9.9E-20	9.8E-09
Silver		1.7E-10				1.7E-10
Thallium (Soluble Salts)		8.1E-03				8.1E-03
Titanium						
Zinc		6.1E-13				6.1E-13
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.4E-15	3.1E-15				6.5E-15
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	5.8E-14	5.2E-14				1.1E-13
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						

Table H-608 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						
Biphenyl		6.7E-15	2.8E-04	3.5E-05	4.9E-12	3.1E-04
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	1.7E-12	1.5E-12				3.2E-12
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene			5.0E-05	6.2E-06		5.6E-05
Perylene						
Phenanthrene						
Pyrene	9.3E-12	8.5E-12				1.8E-11
Particulate						
Particulate Total Suspended Partic						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	1.4E-11	1.2E-11				2.6E-11
Heptachlorobiphenyl	5.8E-12	4.9E-12	9.8E-10	1.2E-10	3.8E-15	1.1E-09
Hexachlorobiphenyl	2.6E-11	2.2E-11	4.1E-06	5.1E-07	1.7E-11	4.6E-06
Monochlorobiphenyl	9.8E-11	8.3E-11				1.8E-10
Nonachlorobiphenyl	1.0E-12	8.6E-13				1.9E-12

Table H-608 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Octachlorobiphenyl	1.9E-12	1.6E-12				3.5E-12
Pentachlorobiphenyl	9.4E-11	8.0E-11	4.6E-05	5.7E-06	2.0E-10	5.1E-05
Tetrachlorobiphenyl	5.4E-12	4.5E-12	2.3E-07	2.9E-08	2.3E-13	2.6E-07
Trichlorobiphenyl	6.5E-12	5.5E-12				1.2E-11
Pesticides						
DDE						
Dieldrin	5.4E-04	6.3E-04				1.2E-03
SVOCs						
1,2,4-trichlorobenzene			1.3E-07	1.7E-08		1.5E-07
1,2-dichlorobenzene			5.4E-10	6.8E-11		6.1E-10
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.9E-09	2.4E-10		2.1E-09
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			9.3E-08	1.2E-08		1.0E-07
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-10	4.0E-10				7.4E-10
Butyl benzyl phthalate	1.6E-14	1.9E-14				3.6E-14

Table H-608 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbazole						
Dibenzofuran	1.4E-13	5.7E-13				7.1E-13
Dimethyl phthalate						
Di-n-butyl phthalate	3.3E-14	3.9E-14				7.1E-14
Di-n-octyl phthalate	9.4E-13	1.1E-12				2.1E-12
Hexachlorobutadiene						
Isopropanol			3.0E-02			3.0E-02
Phenol			1.5E-06	1.9E-07		1.7E-06
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			2.7E-11	3.3E-12		3.0E-11
1,1-Dichloroethene			1.3E-10	1.6E-11		1.5E-10
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.6E-07	4.5E-08		4.1E-07
1,2,4-Trimethylbenzene			8.9E-07	1.1E-07		1.0E-06
1,2-Dibromoethane			7.7E-09	9.6E-10		8.6E-09
1,2-Dichloroethane			3.3E-03	1.4E-04		3.4E-03
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone			6.6E-09	8.3E-10		7.4E-09

Table H-608 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
2-Chlorotoluene						
2-Hexanone			2.3E-07	2.8E-08		2.5E-07
Benzene			2.7E-02	3.2E-04		2.8E-02
Bromobenzene			6.2E-07	7.8E-08		7.0E-07
Bromochloromethane			2.2E-09	2.8E-10		2.5E-09
Bromodichloromethane						
Bromomethane			7.6E-07	9.5E-08		8.6E-07
Carbon disulfide			4.8E-09	6.0E-10		5.4E-09
Carbon tetrachloride			1.6E-03	1.5E-04		1.7E-03
Chlorobenzene			9.6E-08	1.2E-08		1.1E-07
Chlorodibromomethane						
Chloroethane			9.1E-10	1.1E-10		1.0E-09
Chloroform			3.7E-04	2.4E-05		4.0E-04
Chloromethane			3.4E-07	4.3E-08		3.9E-07
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			5.1E-08	6.4E-09		5.7E-08
Dichlorodifluoromethane			2.5E-09	3.1E-10		2.8E-09
Ethylbenzene			2.1E-04	2.4E-08		2.1E-04
Isopropylbenzene			3.9E-08	4.9E-09		4.4E-08
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.2E-10	1.5E-11		1.3E-10
Methylene chloride			3.0E-08	3.8E-09		3.4E-08

Table H-608 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene			9.4E-09	1.2E-09		1.1E-08
o-Xylene			2.3E-07	2.9E-08		2.6E-07
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			5.1E-07	6.4E-08		5.7E-07
tert-Butylbenzene						
Tetrachloroethene			3.0E-09	3.8E-10		3.4E-09
Toluene			6.3E-08	7.9E-09		7.1E-08
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			2.5E-03	4.5E-10		2.5E-03
Trichlorofluoromethane						
Vinyl chloride			5.0E-08	6.2E-09		5.6E-08
Grand Total	9.6E-03	2.2E-01	5.6E-01	1.0E-03	8.9E-04	7.9E-01

Table H-609 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						4.5E-11	1.1E-10	5.7E-12	5.7E-12			1.6E-10
Formaldehyde						8.9E-07	2.6E-10	1.4E-11	1.4E-11			8.9E-07
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	2.3E-17	2.3E-14	3.2E-14	9.1E-14	2.5E-13	4.6E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	8.0E-18	1.7E-11
1,2,3,4,6,7,8-HpCDF	2.2E-17	2.3E-14	3.3E-14	9.2E-14	2.6E-13	4.7E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	8.1E-18	1.7E-11
1,2,3,4,7,8,9-HpCDF	3.4E-18	2.7E-15	3.7E-15	1.1E-14	3.0E-14	5.9E-13	1.4E-12	7.4E-14	7.4E-14	1.5E-19	9.3E-19	2.1E-12
1,2,3,4,7,8-HxCDD	2.6E-16	2.6E-14	3.7E-14	1.0E-13	2.9E-13	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.5E-18	9.1E-18	2.0E-11
1,2,3,4,7,8-HxCDF	1.8E-15	2.1E-13	2.9E-13	8.2E-13	2.3E-12	4.5E-11	1.0E-10	5.6E-12	5.6E-12	1.2E-17	7.2E-17	1.6E-10
1,2,3,6,7,8-HxCDD	5.0E-16	5.3E-14	7.5E-14	2.1E-13	5.9E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.0E-18	1.9E-17	4.2E-11
1,2,3,6,7,8-HxCDF	6.6E-16	6.8E-14	9.5E-14	2.7E-13	7.5E-13	1.5E-11	3.4E-11	1.8E-12	1.8E-12	3.8E-18	2.4E-17	5.3E-11
1,2,3,7,8,9-HxCDD	7.2E-16	8.4E-14	1.2E-13	3.3E-13	9.3E-13	1.8E-11	4.1E-11	2.2E-12	2.2E-12	4.8E-18	2.9E-17	6.4E-11
1,2,3,7,8,9-HxCDF	5.3E-17	4.9E-15	6.8E-15	1.9E-14	5.4E-14	1.1E-12	2.6E-12	1.4E-13	1.4E-13	2.7E-19	1.7E-18	4.1E-12
1,2,3,7,8-PeCDD	1.4E-14	3.0E-13	4.1E-13	1.2E-12	3.3E-12	7.0E-11	1.6E-10	8.8E-12	8.8E-12	1.7E-17	1.0E-16	2.6E-10
1,2,3,7,8-PeCDF	9.6E-16	1.7E-14	2.4E-14	6.9E-14	1.9E-13	5.0E-12	1.2E-11	6.2E-13	6.2E-13	9.8E-19	6.0E-18	1.8E-11
2,3,4,6,7,8-HxCDF	9.5E-16	1.1E-13	1.5E-13	4.2E-13	1.2E-12	2.3E-11	5.2E-11	2.8E-12	2.8E-12	6.0E-18	3.7E-17	8.2E-11
2,3,4,7,8-PeCDF	1.5E-14	4.2E-13	5.8E-13	1.6E-12	4.6E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	2.4E-17	1.4E-16	4.1E-10
2,3,7,8-TCDD	4.6E-15	6.0E-14	8.4E-14	2.4E-13	6.6E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	2.4E-15	1.4E-14	1.0E-10
2,3,7,8-TCDF	1.5E-15	1.1E-14	1.5E-14	4.3E-14	1.2E-13	1.0E-11	2.4E-11	1.3E-12	1.3E-12	6.2E-19	3.8E-18	3.7E-11
OCDD	3.1E-21	1.6E-16	2.2E-16	6.2E-16	1.7E-15	3.1E-14	7.1E-14	3.8E-15	3.8E-15	8.8E-21	5.4E-20	1.1E-13
OCDF	1.1E-21	6.0E-17	8.4E-17	2.4E-16	6.6E-16	1.1E-14	2.6E-14	1.4E-15	1.4E-15	3.4E-21	2.1E-20	4.2E-14
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-609 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.7E-17	5.8E-08	4.9E-09	1.4E-07	2.3E-08	3.6E-11	8.4E-11	4.6E-12	4.6E-12	3.2E-11	1.2E-11	2.2E-07
Barium												
Beryllium						1.5E-12	3.4E-12	1.8E-13	1.8E-13	1.8E-21	1.1E-20	5.2E-12
Cadmium						1.9E-11	4.5E-11	2.4E-12	2.4E-12	1.0E-21	6.3E-21	6.9E-11
Chromium												
Cobalt						1.3E-09	2.9E-09	1.6E-10	1.6E-10	2.1E-10	5.1E-10	5.2E-09
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						1.3E-11	3.0E-11	1.6E-12	1.6E-12	1.0E-10	2.8E-10	4.3E-10
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		9.9E-20	1.4E-19	9.0E-20	2.5E-19							5.8E-19
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	6.4E-14	1.7E-09	5.3E-09	1.6E-09	9.7E-09	4.7E-12	1.1E-11	5.9E-13	5.9E-13	3.6E-12	2.2E-11	1.8E-08
Benzo(a)pyrene	3.2E-13	1.8E-08	5.9E-08	1.6E-08	1.1E-07	1.8E-11	4.3E-11	2.3E-12	2.3E-12	1.2E-13	1.7E-12	2.0E-07
Benzo(b)fluoranthene	8.7E-15	3.1E-09	8.2E-09	2.9E-09	1.5E-08	2.1E-12	4.8E-12	2.6E-13	2.6E-13	2.1E-14	2.4E-13	2.9E-08
Benzo(e)pyrene												

Table H-609 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	7.1E-18	1.3E-10	4.1E-10	1.2E-10	7.5E-10	1.8E-14	4.2E-14	2.3E-15	2.3E-15	8.6E-15	1.2E-13	1.4E-09
Biphenyl				3.8E-19	1.1E-18							1.4E-18
Chrysene	1.1E-16	2.5E-11	6.0E-11	2.2E-11	1.1E-10	8.0E-13	1.9E-12	1.0E-13	1.0E-13	1.6E-15	1.8E-14	2.2E-10
Dibenze(a,h)anthracene	1.6E-14	3.1E-14	1.5E-08	2.8E-14	2.6E-08	3.2E-12	7.3E-12	4.0E-13	4.0E-13	2.3E-19	4.7E-13	4.1E-08
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	4.0E-15	9.8E-10	3.8E-09	8.9E-10	6.9E-09	9.7E-13	2.2E-12	1.2E-13	1.2E-13	6.6E-15	1.1E-13	1.3E-08
Napthalene						7.2E-11	1.7E-10	9.0E-12	9.0E-12			2.6E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	6.1E-18	5.8E-19	8.1E-19	4.9E-19	1.4E-18	2.7E-14	6.1E-14	3.3E-15	3.3E-15	1.3E-20	8.0E-20	9.4E-14
Heptachlorobiphenyl	6.6E-18	1.9E-18	2.7E-18	1.6E-18	4.5E-18	1.0E-14	2.4E-14	1.3E-15	1.3E-15	2.3E-20	1.4E-19	3.7E-14
Hexachlorobiphenyl	2.7E-17	8.6E-18	1.2E-17	7.3E-18	2.0E-17	4.3E-14	1.0E-13	5.4E-15	5.4E-15	1.1E-19	6.5E-19	1.5E-13
Monochlorobiphenyl	4.3E-17	4.0E-18	5.6E-18	3.4E-18	9.5E-18	1.8E-13	4.3E-13	2.3E-14	2.3E-14	9.0E-20	5.6E-19	6.6E-13
Nonachlorobiphenyl	8.2E-19	3.4E-19	4.7E-19	2.8E-19	8.0E-19	1.5E-15	3.4E-15	1.8E-16	1.8E-16	4.1E-21	2.5E-20	5.2E-15
Octachlorobiphenyl	1.9E-18	6.2E-19	8.6E-19	5.2E-19	1.5E-18	3.2E-15	7.3E-15	4.0E-16	4.0E-16	7.6E-21	4.7E-20	1.1E-14
Pentachlorobiphenyl	8.8E-17	3.1E-17	4.3E-17	2.6E-17	7.3E-17	1.5E-13	3.4E-13	1.9E-14	1.9E-14	3.8E-19	2.3E-18	5.3E-13
Tetrachlorobiphenyl	1.8E-18	2.2E-19	3.1E-19	1.9E-19	5.2E-19	8.6E-15	2.0E-14	1.1E-15	1.1E-15	5.0E-21	3.1E-20	3.1E-14
Trichlorobiphenyl	2.4E-18	2.6E-19	3.7E-19	2.2E-19	6.3E-19	1.1E-14	2.5E-14	1.4E-15	1.4E-15	6.0E-21	3.7E-20	3.9E-14
Pesticides												
DDE				3.3E-08	1.1E-09					3.0E-10	1.9E-09	3.6E-08
Dieldrin		6.1E-09	2.3E-09	7.2E-09	5.4E-09					1.0E-13	1.7E-13	2.1E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	7.1E-21					2.4E-13	5.5E-13	3.0E-14	3.0E-14			8.5E-13
2,4-Dimethylphenol												

Table H-609 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	9.8E-17	1.3E-15	1.9E-15	1.6E-15	4.4E-15	6.5E-12	1.5E-11	8.1E-13	8.1E-13	1.3E-20	8.2E-20	2.3E-11
Butyl benzyl phthalate	4.8E-18	8.8E-20	1.2E-19	1.0E-19	2.9E-19							5.4E-18
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	7.5E-18					1.4E-11	3.2E-11	1.7E-12	1.7E-12			5.0E-11
Isopropanol												
p-Chloroaniline			9.3E-10		2.2E-09							3.1E-09
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	1.0E-21					1.4E-14	3.3E-14	1.8E-15	1.8E-15			5.1E-14
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	4.6E-19											4.6E-19
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	1.1E-20					5.9E-13	1.4E-12	7.4E-14	7.4E-14			2.1E-12
1,2-Dichloroethane	1.5E-20					8.5E-09	1.6E-08	3.7E-10	3.7E-10			2.5E-08
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												

Table H-609 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone												
Benzene	1.6E-18					9.2E-08	3.0E-08	1.1E-09	1.1E-09			1.2E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	2.8E-22					5.0E-14	1.8E-07	6.3E-15	6.3E-15			1.8E-07
Bromoform							2.4E-08					2.4E-08
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	1.3E-22					1.3E-08	3.3E-08	1.3E-09	1.3E-09			4.9E-08
Chlorobenzene												
Chlorodibromomethane	2.2E-20											2.2E-20
Chloroethane												
Chloroform	1.2E-21					1.2E-08	2.6E-07	7.9E-10	7.9E-10			2.7E-07
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	2.3E-19					7.7E-09	7.9E-09	8.7E-13	8.7E-13			1.6E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	7.4E-22					2.6E-15	6.0E-15	3.2E-16	3.2E-16			9.2E-15
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	2.0E-23					4.5E-16	1.0E-15	5.6E-17	5.6E-17			1.6E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												

Table H-609 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichloroethene	4.5E-24					2.9E-10	2.6E-08	5.3E-17	5.3E-17			2.7E-08
Trichlorofluoromethane												
Vinyl chloride	4.9E-21					3.1E-13	7.2E-13	3.9E-14	3.9E-14			1.1E-12
Grand Total	4.5E-13	8.8E-08	9.9E-08	2.0E-07	2.0E-07	1.0E-06	5.8E-07	3.8E-09	3.8E-09	6.4E-10	2.7E-09	2.2E-06

Table H-610 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					4.9E-01	1.5E-04	7.9E-06	7.9E-06			4.9E-01
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.2E-02	2.0E-02					1.1E-04	4.2E-04	3.2E-02
Antimony	3.9E-14			1.9E-03	3.6E-03							5.5E-03

Table H-610 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	9.1E-03	7.7E-04	2.1E-02	3.6E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	3.5E-05	1.3E-05	3.5E-02
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				1.1E-01	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.7E-04	6.6E-04	2.4E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				3.9E-02	5.4E-02							9.3E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.7E-04	1.1E-03	1.2E-03
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.8E-02	3.5E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.0E-04	8.5E-04	6.5E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Thallium (Soluble Salts)				8.1E-03	1.7E-02							2.5E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-610 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
DDE												
Dieldrin		5.4E-04	2.0E-04	6.3E-04	4.7E-04							1.8E-03
SVOCs												
1,2,4-trichlorobenzene								1.3E-07	3.1E-07	1.7E-08	1.7E-08	4.8E-07
1,2-dichlorobenzene	3.1E-17							5.4E-10	1.3E-09	6.8E-11	6.8E-11	1.9E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15							1.9E-09	4.4E-09	2.4E-10	2.4E-10	6.8E-09
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-610 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						3.0E-02	1.1E-02					4.1E-02
p-Chloroaniline			8.2E-05		1.9E-04							2.8E-04
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					3.3E-03	6.3E-03	1.4E-04	1.4E-04			9.8E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												

Table H-610 (Hazard Quotient/Hazard Index)

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Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.7E-02	9.0E-03	3.2E-04	3.2E-04			3.7E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromoform												
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.6E-03	3.9E-03	1.5E-04	1.5E-04			5.8E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					3.7E-04	8.1E-03	2.4E-05	2.4E-05			8.5E-03
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					2.1E-04	2.2E-04	2.4E-08	2.4E-08			4.4E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
n-Propylbenzene						2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
o-Xylene	1.4E-15											
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												

Table H-610 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichloroethene	1.4E-17					2.5E-03	2.2E-01	4.5E-10	4.5E-10			2.3E-01
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	5.0E-09	9.6E-03	1.0E-03	2.2E-01	2.6E-01	5.6E-01	2.7E-01	1.0E-03	1.0E-03	8.9E-04	3.0E-03	1.3E+00

Table H-611 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						4.5E-11	1.1E-10	5.7E-12	5.7E-12			1.6E-10
Formaldehyde						8.9E-07	7.3E-06	1.4E-11	1.4E-11			8.2E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	2.3E-17	2.3E-14	3.2E-14	9.1E-14	2.5E-13	4.6E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	8.0E-18	1.7E-11
1,2,3,4,6,7,8-HpCDF	2.2E-17	2.3E-14	3.3E-14	9.2E-14	2.6E-13	4.7E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	8.1E-18	1.7E-11
1,2,3,4,7,8,9-HpCDF	3.4E-18	2.7E-15	3.7E-15	1.1E-14	3.0E-14	5.9E-13	1.4E-12	7.4E-14	7.4E-14	1.5E-19	9.3E-19	2.1E-12
1,2,3,4,7,8-HxCDD	2.6E-16	2.6E-14	3.7E-14	1.0E-13	2.9E-13	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.5E-18	9.1E-18	2.0E-11
1,2,3,4,7,8-HxCDF	1.8E-15	2.1E-13	2.9E-13	8.2E-13	2.3E-12	4.5E-11	1.0E-10	5.6E-12	5.6E-12	1.2E-17	7.2E-17	1.6E-10
1,2,3,6,7,8-HxCDD	5.0E-16	5.3E-14	7.5E-14	2.1E-13	5.9E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.0E-18	1.9E-17	4.2E-11
1,2,3,6,7,8-HxCDF	6.6E-16	6.8E-14	9.5E-14	2.7E-13	7.5E-13	1.5E-11	3.4E-11	1.8E-12	1.8E-12	3.8E-18	2.4E-17	5.3E-11
1,2,3,7,8,9-HxCDD	7.2E-16	8.4E-14	1.2E-13	3.3E-13	9.3E-13	1.8E-11	4.1E-11	2.2E-12	2.2E-12	4.8E-18	2.9E-17	6.4E-11
1,2,3,7,8,9-HxCDF	5.3E-17	4.9E-15	6.8E-15	1.9E-14	5.4E-14	1.1E-12	2.6E-12	1.4E-13	1.4E-13	2.7E-19	1.7E-18	4.1E-12
1,2,3,7,8-PeCDD	1.4E-14	3.0E-13	4.1E-13	1.2E-12	3.3E-12	7.0E-11	1.6E-10	8.8E-12	8.8E-12	1.7E-17	1.0E-16	2.6E-10
1,2,3,7,8-PeCDF	9.6E-16	1.7E-14	2.4E-14	6.9E-14	1.9E-13	5.0E-12	1.2E-11	6.2E-13	6.2E-13	9.8E-19	6.0E-18	1.8E-11
2,3,4,6,7,8-HxCDF	9.5E-16	1.1E-13	1.5E-13	4.2E-13	1.2E-12	2.3E-11	5.2E-11	2.8E-12	2.8E-12	6.0E-18	3.7E-17	8.2E-11
2,3,4,7,8-PeCDF	1.5E-14	4.2E-13	5.8E-13	1.6E-12	4.6E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	2.4E-17	1.4E-16	4.1E-10
2,3,7,8-TCDD	4.6E-15	6.0E-14	8.4E-14	2.4E-13	6.6E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	2.4E-15	1.4E-14	1.0E-10
2,3,7,8-TCDF	1.5E-15	1.1E-14	1.5E-14	4.3E-14	1.2E-13	1.0E-11	2.4E-11	1.3E-12	1.3E-12	6.2E-19	3.8E-18	3.7E-11
OCDD	3.1E-21	1.6E-16	2.2E-16	6.2E-16	1.7E-15	3.1E-14	7.1E-14	3.8E-15	3.8E-15	8.8E-21	5.4E-20	1.1E-13
OCDF	1.1E-21	6.0E-17	8.4E-17	2.4E-16	6.6E-16	1.1E-14	2.6E-14	1.4E-15	1.4E-15	3.4E-21	2.1E-20	4.2E-14
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-611 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.7E-17	5.8E-08	9.8E-09	1.4E-07	4.6E-08	3.6E-11	8.4E-11	4.6E-12	4.6E-12	3.2E-11	2.4E-11	2.5E-07
Barium												
Beryllium						1.5E-12	3.4E-12	1.8E-13	1.8E-13	1.8E-21	1.1E-20	5.2E-12
Cadmium						1.9E-11	4.5E-11	2.4E-12	2.4E-12	1.0E-21	6.3E-21	6.9E-11
Chromium												
Cobalt						1.3E-09	2.9E-09	1.6E-10	1.6E-10	2.1E-10	5.2E-10	5.2E-09
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						1.3E-11	3.0E-11	1.6E-12	1.6E-12	1.0E-10	3.2E-10	4.6E-10
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		9.9E-20	1.4E-19	9.0E-20	2.5E-19							5.8E-19
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	6.4E-14	1.7E-09	2.6E-14	1.6E-09	4.8E-14	4.7E-12	1.1E-11	5.9E-13	5.9E-13	3.6E-12	2.2E-11	3.3E-09
Benzo(a)pyrene	3.2E-13	1.8E-08	1.2E-13	1.6E-08	2.2E-13	1.8E-11	4.3E-11	2.3E-12	2.3E-12	1.2E-13	3.6E-18	3.4E-08
Benzo(b)fluoranthene	8.7E-15	3.1E-09	7.0E-16	2.9E-09	1.3E-15	2.1E-12	4.8E-12	2.6E-13	2.6E-13	2.1E-14	2.1E-20	6.0E-09
Benzo(e)pyrene												

Table H-611 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	7.1E-18	1.3E-10	8.7E-17	1.2E-10	1.6E-16	1.8E-14	4.2E-14	2.3E-15	2.3E-15	8.6E-15	2.6E-20	2.4E-10
Biphenyl				3.8E-19	1.1E-18							1.4E-18
Chrysene	1.1E-16	2.5E-11	3.5E-16	2.2E-11	6.3E-16	8.0E-13	1.9E-12	1.0E-13	1.0E-13	1.6E-15	1.0E-19	5.0E-11
Dibenze(a,h)anthracene	1.6E-14	3.1E-14	4.4E-14	2.8E-14	8.0E-14	3.2E-12	7.3E-12	4.0E-13	4.0E-13	2.3E-19	1.4E-18	1.2E-11
Fluorene												
Indeno(1,2,3-cd)pyrene	4.0E-15	9.8E-10	1.2E-14	8.9E-10	2.2E-14	9.7E-13	2.2E-12	1.2E-13	1.2E-13	6.6E-15	3.6E-19	1.9E-09
Napthalene						7.2E-11	1.7E-10	9.0E-12	9.0E-12			2.6E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	6.1E-18	5.8E-19	8.1E-19	4.9E-19	1.4E-18	2.7E-14	6.1E-14	3.3E-15	3.3E-15	1.3E-20	8.0E-20	9.4E-14
Heptachlorobiphenyl	6.6E-18	1.9E-18	2.7E-18	1.6E-18	4.5E-18	1.0E-14	2.4E-14	1.3E-15	1.3E-15	2.3E-20	1.4E-19	3.7E-14
Hexachlorobiphenyl	2.7E-17	8.6E-18	1.2E-17	7.3E-18	2.0E-17	4.3E-14	1.0E-13	5.4E-15	5.4E-15	1.1E-19	6.5E-19	1.5E-13
Monochlorobiphenyl	4.3E-17	4.0E-18	5.6E-18	3.4E-18	9.5E-18	1.8E-13	4.3E-13	2.3E-14	2.3E-14	9.0E-20	5.6E-19	6.6E-13
Nonachlorobiphenyl	8.2E-19	3.4E-19	4.7E-19	2.8E-19	8.0E-19	1.5E-15	3.4E-15	1.8E-16	1.8E-16	4.1E-21	2.5E-20	5.2E-15
Octachlorobiphenyl	1.9E-18	6.2E-19	8.6E-19	5.2E-19	1.5E-18	3.2E-15	7.3E-15	4.0E-16	4.0E-16	7.6E-21	4.7E-20	1.1E-14
Pentachlorobiphenyl	8.8E-17	3.1E-17	4.3E-17	2.6E-17	7.3E-17	1.5E-13	3.4E-13	1.9E-14	1.9E-14	3.8E-19	2.3E-18	5.3E-13
Tetrachlorobiphenyl	1.8E-18	2.2E-19	3.1E-19	1.9E-19	5.2E-19	8.6E-15	2.0E-14	1.1E-15	1.1E-15	5.0E-21	3.1E-20	3.1E-14
Trichlorobiphenyl	2.4E-18	2.6E-19	3.7E-19	2.2E-19	6.3E-19	1.1E-14	2.5E-14	1.4E-15	1.4E-15	6.0E-21	3.7E-20	3.9E-14
Pesticides												
DDE				3.3E-08	3.8E-10					3.0E-10	1.9E-09	3.6E-08
Dieldrin		6.1E-09		7.2E-09						1.0E-13		1.3E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	7.1E-21					2.4E-13	5.5E-13	3.0E-14	3.0E-14			8.5E-13
2,4-Dimethylphenol												

Table H-611 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	9.8E-17	1.3E-15	1.9E-15	1.6E-15	4.4E-15	6.5E-12	1.5E-11	8.1E-13	8.1E-13	1.3E-20	8.2E-20	2.3E-11
Butyl benzyl phthalate	4.8E-18	8.8E-20	1.2E-19	1.0E-19	2.9E-19							5.4E-18
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	7.5E-18					1.4E-11	3.2E-11	1.7E-12	1.7E-12			5.0E-11
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	1.0E-21					1.4E-14	3.3E-14	1.8E-15	1.8E-15			5.1E-14
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	4.6E-19											4.6E-19
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	1.1E-20					5.9E-13	1.4E-12	7.4E-14	7.4E-14			2.1E-12
1,2-Dichloroethane	1.5E-20					8.5E-09	2.4E-12	3.7E-10	3.7E-10			9.2E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-611 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	1.6E-18					9.2E-08	2.2E-10	1.1E-09	1.1E-09			9.4E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	2.8E-22					5.0E-14	1.2E-13	6.3E-15	6.3E-15			1.8E-13
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	1.3E-22					1.3E-08	4.3E-14	1.3E-09	1.3E-09			1.6E-08
Chlorobenzene												
Chlorodibromomethane	2.2E-20											2.2E-20
Chloroethane												
Chloroform	1.2E-21					1.2E-08	1.5E-12	7.9E-10	7.9E-10			1.4E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	2.3E-19					7.7E-09	1.6E-11	8.7E-13	8.7E-13			7.7E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	7.4E-22					2.6E-15	6.0E-15	3.2E-16	3.2E-16			9.2E-15
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	2.0E-23					4.5E-16	1.0E-15	5.6E-17	5.6E-17			1.6E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	4.5E-24					2.9E-10	9.8E-16	5.3E-17	5.3E-17			2.9E-10
Trichlorofluoromethane												

Table H-611 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Vinyl chloride	4.9E-21					3.1E-13	7.2E-13	3.9E-14	3.9E-14			1.1E-12
Grand Total	4.5E-13	8.8E-08	9.8E-09	2.0E-07	4.7E-08	1.0E-06	7.4E-06	3.8E-09	3.8E-09	6.4E-10	2.7E-09	8.7E-06

Table H-612 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					4.9E-01	4.0E+00	7.9E-06	7.9E-06			4.5E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.2E-02	2.4E-02					1.1E-04	5.1E-04	3.6E-02
Antimony	3.9E-14			1.9E-03	1.2E-03							3.1E-03

Table H-612 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	9.1E-03	1.5E-03	2.1E-02	7.2E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	3.5E-05	2.6E-05	3.9E-02
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				1.1E-01	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.7E-04	6.7E-04	2.4E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				3.9E-02	5.7E-02							9.6E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.7E-04	1.1E-03	1.2E-03
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.8E-02	4.0E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.0E-04	9.5E-04	6.9E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Thallium (Soluble Salts)				8.1E-03	1.4E-02							2.3E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-612 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
DDE												
Dieldrin		5.4E-04		6.3E-04								1.2E-03
SVOCs												
1,2,4-trichlorobenzene								1.3E-07	3.1E-07	1.7E-08	1.7E-08	4.8E-07
1,2-dichlorobenzene	3.1E-17							5.4E-10	1.3E-09	6.8E-11	6.8E-11	1.9E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15							1.9E-09	4.4E-09	2.4E-10	2.4E-10	6.8E-09
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-612 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol								3.0E-02				3.0E-02
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					3.3E-03	9.1E-07	1.4E-04	1.4E-04			3.5E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07

Table H-612 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					2.7E-02	6.7E-05	3.2E-04	3.2E-04			2.8E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.6E-03	5.0E-09	1.5E-04	1.5E-04			1.9E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					3.7E-04	4.6E-08	2.4E-05	2.4E-05			4.2E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					2.1E-04	4.5E-07	2.4E-08	2.4E-08			2.2E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.5E-03	8.4E-09	4.5E-10	4.5E-10			2.5E-03
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-612 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	5.0E-09	9.6E-03	1.5E-03	2.2E-01	2.7E-01	5.6E-01	4.0E+00	1.0E-03	1.0E-03	8.9E-04	3.2E-03	5.1E+00

Table H-613 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						4.5E-11	1.1E-10	5.7E-12	5.7E-12			1.6E-10
Formaldehyde						8.9E-07	5.0E-06	1.4E-11	1.4E-11			5.9E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	2.3E-17	2.3E-14	3.2E-14	9.1E-14	2.5E-13	4.6E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	8.0E-18	1.7E-11
1,2,3,4,6,7,8-HpCDF	2.2E-17	2.3E-14	3.3E-14	9.2E-14	2.6E-13	4.7E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	8.1E-18	1.7E-11
1,2,3,4,7,8,9-HpCDF	3.4E-18	2.7E-15	3.7E-15	1.1E-14	3.0E-14	5.9E-13	1.4E-12	7.4E-14	7.4E-14	1.5E-19	9.3E-19	2.1E-12
1,2,3,4,7,8-HxCDD	2.6E-16	2.6E-14	3.7E-14	1.0E-13	2.9E-13	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.5E-18	9.1E-18	2.0E-11
1,2,3,4,7,8-HxCDF	1.8E-15	2.1E-13	2.9E-13	8.2E-13	2.3E-12	4.5E-11	1.0E-10	5.6E-12	5.6E-12	1.2E-17	7.2E-17	1.6E-10
1,2,3,6,7,8-HxCDD	5.0E-16	5.3E-14	7.5E-14	2.1E-13	5.9E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.0E-18	1.9E-17	4.2E-11
1,2,3,6,7,8-HxCDF	6.6E-16	6.8E-14	9.5E-14	2.7E-13	7.5E-13	1.5E-11	3.4E-11	1.8E-12	1.8E-12	3.8E-18	2.4E-17	5.3E-11
1,2,3,7,8,9-HxCDD	7.2E-16	8.4E-14	1.2E-13	3.3E-13	9.3E-13	1.8E-11	4.1E-11	2.2E-12	2.2E-12	4.8E-18	2.9E-17	6.4E-11
1,2,3,7,8,9-HxCDF	5.3E-17	4.9E-15	6.8E-15	1.9E-14	5.4E-14	1.1E-12	2.6E-12	1.4E-13	1.4E-13	2.7E-19	1.7E-18	4.1E-12
1,2,3,7,8-PeCDD	1.4E-14	3.0E-13	4.1E-13	1.2E-12	3.3E-12	7.0E-11	1.6E-10	8.8E-12	8.8E-12	1.7E-17	1.0E-16	2.6E-10
1,2,3,7,8-PeCDF	9.6E-16	1.7E-14	2.4E-14	6.9E-14	1.9E-13	5.0E-12	1.2E-11	6.2E-13	6.2E-13	9.8E-19	6.0E-18	1.8E-11
2,3,4,6,7,8-HxCDF	9.5E-16	1.1E-13	1.5E-13	4.2E-13	1.2E-12	2.3E-11	5.2E-11	2.8E-12	2.8E-12	6.0E-18	3.7E-17	8.2E-11
2,3,4,7,8-PeCDF	1.5E-14	4.2E-13	5.8E-13	1.6E-12	4.6E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	2.4E-17	1.4E-16	4.1E-10
2,3,7,8-TCDD	4.6E-15	6.0E-14	8.4E-14	2.4E-13	6.6E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	2.4E-15	1.4E-14	1.0E-10
2,3,7,8-TCDF	1.5E-15	1.1E-14	1.5E-14	4.3E-14	1.2E-13	1.0E-11	2.4E-11	1.3E-12	1.3E-12	6.2E-19	3.8E-18	3.7E-11
OCDD	3.1E-21	1.6E-16	2.2E-16	6.2E-16	1.7E-15	3.1E-14	7.1E-14	3.8E-15	3.8E-15	8.8E-21	5.4E-20	1.1E-13
OCDF	1.1E-21	6.0E-17	8.4E-17	2.4E-16	6.6E-16	1.1E-14	2.6E-14	1.4E-15	1.4E-15	3.4E-21	2.1E-20	4.2E-14
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-613 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.7E-17	5.8E-08	3.9E-09	1.4E-07	1.8E-08	3.6E-11	8.4E-11	4.6E-12	4.6E-12	3.2E-11	9.5E-12	2.2E-07
Barium												
Beryllium						1.5E-12	3.4E-12	1.8E-13	1.8E-13	1.8E-21	1.1E-20	5.2E-12
Cadmium						1.9E-11	4.5E-11	2.4E-12	2.4E-12	1.0E-21	6.3E-21	6.9E-11
Chromium												
Cobalt						1.3E-09	2.9E-09	1.6E-10	1.6E-10	2.1E-10	8.8E-10	5.6E-09
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						1.3E-11	3.0E-11	1.6E-12	1.6E-12	1.0E-10	5.3E-10	6.8E-10
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		9.9E-20	1.4E-19	9.0E-20	2.5E-19							5.8E-19
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	6.4E-14	1.7E-09	2.6E-14	1.6E-09	4.8E-14	4.7E-12	1.1E-11	5.9E-13	5.9E-13	3.6E-12	2.2E-11	3.3E-09
Benzo(a)pyrene	3.2E-13	1.8E-08	1.4E-08	1.6E-08	2.5E-08	1.8E-11	4.3E-11	2.3E-12	2.3E-12	1.2E-13	4.1E-13	7.3E-08
Benzo(b)fluoranthene	8.7E-15	3.1E-09	1.2E-09	2.9E-09	2.3E-09	2.1E-12	4.8E-12	2.6E-13	2.6E-13	2.1E-14	3.7E-14	9.5E-09
Benzo(e)pyrene												

Table H-613 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	7.1E-18	1.3E-10	8.7E-17	1.2E-10	1.6E-16	1.8E-14	4.2E-14	2.3E-15	2.3E-15	8.6E-15	2.6E-20	2.4E-10
Biphenyl				3.8E-19	1.1E-18							1.4E-18
Chrysene	1.1E-16	2.5E-11	3.5E-16	2.2E-11	6.3E-16	8.0E-13	1.9E-12	1.0E-13	1.0E-13	1.6E-15	1.0E-19	5.0E-11
Dibenze(a,h)anthracene	1.6E-14	3.1E-14	4.4E-14	2.8E-14	8.0E-14	3.2E-12	7.3E-12	4.0E-13	4.0E-13	2.3E-19	1.4E-18	1.2E-11
Fluorene												
Indeno(1,2,3-cd)pyrene	4.0E-15	9.8E-10	1.2E-14	8.9E-10	2.2E-14	9.7E-13	2.2E-12	1.2E-13	1.2E-13	6.6E-15	3.6E-19	1.9E-09
Napthalene						7.2E-11	1.7E-10	9.0E-12	9.0E-12			2.6E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	6.1E-18	5.8E-19	8.1E-19	4.9E-19	1.4E-18	2.7E-14	6.1E-14	3.3E-15	3.3E-15	1.3E-20	8.0E-20	9.4E-14
Heptachlorobiphenyl	6.6E-18	1.9E-18	2.7E-18	1.6E-18	4.5E-18	1.0E-14	2.4E-14	1.3E-15	1.3E-15	2.3E-20	1.4E-19	3.7E-14
Hexachlorobiphenyl	2.7E-17	8.6E-18	1.2E-17	7.3E-18	2.0E-17	4.3E-14	1.0E-13	5.4E-15	5.4E-15	1.1E-19	6.5E-19	1.5E-13
Monochlorobiphenyl	4.3E-17	4.0E-18	5.6E-18	3.4E-18	9.5E-18	1.8E-13	4.3E-13	2.3E-14	2.3E-14	9.0E-20	5.6E-19	6.6E-13
Nonachlorobiphenyl	8.2E-19	3.4E-19	4.7E-19	2.8E-19	8.0E-19	1.5E-15	3.4E-15	1.8E-16	1.8E-16	4.1E-21	2.5E-20	5.2E-15
Octachlorobiphenyl	1.9E-18	6.2E-19	8.6E-19	5.2E-19	1.5E-18	3.2E-15	7.3E-15	4.0E-16	4.0E-16	7.6E-21	4.7E-20	1.1E-14
Pentachlorobiphenyl	8.8E-17	3.1E-17	4.3E-17	2.6E-17	7.3E-17	1.5E-13	3.4E-13	1.9E-14	1.9E-14	3.8E-19	2.3E-18	5.3E-13
Tetrachlorobiphenyl	1.8E-18	2.2E-19	3.1E-19	1.9E-19	5.2E-19	8.6E-15	2.0E-14	1.1E-15	1.1E-15	5.0E-21	3.1E-20	3.1E-14
Trichlorobiphenyl	2.4E-18	2.6E-19	3.7E-19	2.2E-19	6.3E-19	1.1E-14	2.5E-14	1.4E-15	1.4E-15	6.0E-21	3.7E-20	3.9E-14
Pesticides												
DDE				3.3E-08	1.3E-09					3.0E-10	1.9E-09	3.7E-08
Dieldrin		6.1E-09		7.2E-09						1.0E-13		1.3E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	7.1E-21					2.4E-13	5.5E-13	3.0E-14	3.0E-14			8.5E-13
2,4-Dimethylphenol												

Table H-613 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	9.8E-17	1.3E-15	1.9E-15	1.6E-15	4.4E-15	6.5E-12	1.5E-11	8.1E-13	8.1E-13	1.3E-20	8.2E-20	2.3E-11
Butyl benzyl phthalate	4.8E-18	8.8E-20	1.2E-19	1.0E-19	2.9E-19							5.4E-18
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	7.5E-18					1.4E-11	3.2E-11	1.7E-12	1.7E-12			5.0E-11
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	1.0E-21					1.4E-14	3.3E-14	1.8E-15	1.8E-15			5.1E-14
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	4.6E-19											4.6E-19
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	1.1E-20					5.9E-13	1.4E-12	7.4E-14	7.4E-14			2.1E-12
1,2-Dichloroethane	1.5E-20					8.5E-09	2.4E-12	3.7E-10	3.7E-10			9.2E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-613 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	1.6E-18					9.2E-08	2.2E-10	1.1E-09	1.1E-09			9.4E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	2.8E-22					5.0E-14	1.2E-13	6.3E-15	6.3E-15			1.8E-13
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	1.3E-22					1.3E-08	4.3E-14	1.3E-09	1.3E-09			1.6E-08
Chlorobenzene												
Chlorodibromomethane	2.2E-20											2.2E-20
Chloroethane												
Chloroform	1.2E-21					1.2E-08	1.5E-12	7.9E-10	7.9E-10			1.4E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	2.3E-19					7.7E-09	1.6E-11	8.7E-13	8.7E-13			7.7E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	7.4E-22					2.6E-15	6.0E-15	3.2E-16	3.2E-16			9.2E-15
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	2.0E-23					4.5E-16	1.0E-15	5.6E-17	5.6E-17			1.6E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	4.5E-24					2.9E-10	9.8E-16	5.3E-17	5.3E-17			2.9E-10
Trichlorofluoromethane												

Table H-613 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Vinyl chloride	4.9E-21					3.1E-13	7.2E-13	3.9E-14	3.9E-14			1.1E-12
Grand Total	4.5E-13	8.8E-08	1.9E-08	2.0E-07	4.7E-08	1.0E-06	5.0E-06	3.8E-09	3.8E-09	6.4E-10	3.3E-09	6.4E-06

Table H-614 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					4.9E-01	2.7E+00	7.9E-06	7.9E-06			3.2E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.2E-02	1.9E-02					1.1E-04	4.1E-04	3.1E-02
Antimony	3.9E-14			1.9E-03	4.2E-04							2.3E-03

Table H-614 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	9.1E-03	6.1E-04	2.1E-02	2.9E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	3.5E-05	1.0E-05	3.4E-02
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				1.1E-01	2.1E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.7E-04	1.1E-03	3.3E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				3.9E-02	6.2E-02							1.0E-01
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.7E-04	1.1E-03	1.2E-03
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.8E-02	6.6E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.0E-04	1.6E-03	9.6E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Thallium (Soluble Salts)				8.1E-03								8.1E-03
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-614 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
DDE												
Dieldrin		5.4E-04		6.3E-04								1.2E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-614 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol								3.0E-02				3.0E-02
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					3.3E-03	9.1E-07	1.4E-04	1.4E-04			3.5E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07

Table H-614 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					2.7E-02	6.7E-05	3.2E-04	3.2E-04			2.8E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.6E-03	5.0E-09	1.5E-04	1.5E-04			1.9E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					3.7E-04	4.6E-08	2.4E-05	2.4E-05			4.2E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					2.1E-04	4.5E-07	2.4E-08	2.4E-08			2.2E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.5E-03	8.4E-09	4.5E-10	4.5E-10			2.5E-03
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-614 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	5.0E-09	9.6E-03	6.1E-04	2.2E-01	3.6E-01	5.6E-01	2.8E+00	1.0E-03	1.0E-03	8.9E-04	4.2E-03	3.9E+00

Table H-615 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						4.5E-11	1.6E-09	5.7E-12	5.4E-10			2.2E-09
Formaldehyde						8.9E-07	3.8E-09	1.4E-11	1.3E-09			9.0E-07
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	2.3E-17	2.3E-14	4.3E-13	9.1E-14	3.4E-12	4.6E-12	1.8E-10	5.8E-13	6.1E-11	1.3E-18	1.1E-16	2.5E-10
1,2,3,4,6,7,8-HpCDF	2.2E-17	2.3E-14	4.3E-13	9.2E-14	3.4E-12	4.7E-12	1.8E-10	5.8E-13	6.2E-11	1.3E-18	1.1E-16	2.6E-10
1,2,3,4,7,8,9-HpCDF	3.4E-18	2.7E-15	5.2E-14	1.1E-14	4.1E-13	5.9E-13	2.4E-11	7.4E-14	8.0E-12	1.5E-19	1.3E-17	3.3E-11
1,2,3,4,7,8-HxCDD	2.6E-16	2.6E-14	5.1E-13	1.0E-13	4.0E-12	5.5E-12	2.2E-10	6.9E-13	7.4E-11	1.5E-18	1.3E-16	3.1E-10
1,2,3,4,7,8-HxCDF	1.8E-15	2.1E-13	4.0E-12	8.2E-13	3.2E-11	4.5E-11	1.8E-09	5.6E-12	6.0E-10	1.2E-17	1.0E-15	2.5E-09
1,2,3,6,7,8-HxCDD	5.0E-16	5.3E-14	1.0E-12	2.1E-13	8.2E-12	1.2E-11	4.7E-10	1.5E-12	1.6E-10	3.0E-18	2.6E-16	6.5E-10
1,2,3,6,7,8-HxCDF	6.6E-16	6.8E-14	1.3E-12	2.7E-13	1.0E-11	1.5E-11	5.9E-10	1.8E-12	2.0E-10	3.8E-18	3.3E-16	8.2E-10
1,2,3,7,8,9-HxCDD	7.2E-16	8.4E-14	1.6E-12	3.3E-13	1.3E-11	1.8E-11	7.1E-10	2.2E-12	2.4E-10	4.8E-18	4.0E-16	9.9E-10
1,2,3,7,8,9-HxCDF	5.3E-17	4.9E-15	9.5E-14	1.9E-14	7.5E-13	1.1E-12	4.6E-11	1.4E-13	1.5E-11	2.7E-19	2.4E-17	6.3E-11
1,2,3,7,8-PeCDD	1.4E-14	3.0E-13	5.8E-12	1.2E-12	4.6E-11	7.0E-11	2.9E-09	8.8E-12	9.5E-10	1.7E-17	1.4E-15	4.0E-09
1,2,3,7,8-PeCDF	9.6E-16	1.7E-14	3.4E-13	6.9E-14	2.7E-12	5.0E-12	2.0E-10	6.2E-13	6.8E-11	9.8E-19	8.5E-17	2.8E-10
2,3,4,6,7,8-HxCDF	9.5E-16	1.1E-13	2.0E-12	4.2E-13	1.6E-11	2.3E-11	9.0E-10	2.8E-12	3.0E-10	6.0E-18	5.0E-16	1.2E-09
2,3,4,7,8-PeCDF	1.5E-14	4.2E-13	8.2E-12	1.6E-12	6.5E-11	1.1E-10	4.6E-09	1.4E-11	1.5E-09	2.4E-17	2.0E-15	6.3E-09
2,3,7,8-TCDD	4.6E-15	6.0E-14	8.7E-13	2.4E-13	6.8E-12	2.8E-11	9.4E-10	3.5E-12	3.1E-10	2.4E-15	1.5E-13	1.3E-09
2,3,7,8-TCDF	1.5E-15	1.1E-14	2.2E-13	4.3E-14	1.7E-12	1.0E-11	4.3E-10	1.3E-12	1.4E-10	6.2E-19	5.4E-17	5.8E-10
OCDD	3.1E-21	1.6E-16	2.9E-15	6.2E-16	2.3E-14	3.1E-14	1.2E-12	3.8E-15	4.0E-13	8.8E-21	7.1E-19	1.7E-12
OCDF	1.1E-21	6.0E-17	1.1E-15	2.4E-16	8.5E-15	1.1E-14	4.5E-13	1.4E-15	1.5E-13	3.4E-21	2.7E-19	6.2E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-615 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.7E-17	5.8E-08	1.0E-18	1.4E-07	4.9E-18	3.6E-11	1.3E-09	4.6E-12	4.3E-10	3.2E-11	2.5E-21	2.0E-07
Barium												
Beryllium						1.5E-12	5.0E-11	1.8E-13	1.7E-11	1.8E-21	1.5E-19	6.8E-11
Cadmium						1.9E-11	6.8E-10	2.4E-12	2.3E-10	1.0E-21	8.7E-20	9.3E-10
Chromium												
Cobalt						1.3E-09	2.3E-08	1.6E-10	7.7E-09	2.1E-10	1.2E-13	3.2E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						1.3E-11	4.4E-10	1.6E-12	1.5E-10	1.0E-10	6.2E-20	7.1E-10
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		9.9E-20	2.0E-18	9.0E-20	3.7E-18							5.9E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	6.4E-14	1.7E-09	4.2E-13	1.6E-09	7.6E-13	4.7E-12	2.0E-10	5.9E-13	6.8E-11	3.6E-12	3.8E-15	3.6E-09
Benzo(a)pyrene	3.2E-13	1.8E-08	1.8E-12	1.6E-08	3.2E-12	1.8E-11	7.7E-10	2.3E-12	2.6E-10	1.2E-13	5.2E-17	3.5E-08
Benzo(b)fluoranthene	8.7E-15	3.1E-09	9.6E-15	2.9E-09	1.7E-14	2.1E-12	8.3E-11	2.6E-13	2.8E-11	2.1E-14	2.8E-19	6.1E-09
Benzo(e)pyrene												

Table H-615 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	7.1E-18	1.3E-10	5.7E-16	1.2E-10	1.0E-15	1.8E-14	3.3E-13	2.3E-15	1.1E-13	8.6E-15	1.7E-19	2.4E-10
Biphenyl				3.8E-19	1.6E-17							1.6E-17
Chrysene	1.1E-16	2.5E-11	5.0E-15	2.2E-11	9.1E-15	8.0E-13	3.3E-11	1.0E-13	1.1E-11	1.6E-15	1.5E-18	9.2E-11
Dibenze(a,h)anthracene	1.6E-14	3.1E-14	6.2E-13	2.8E-14	1.1E-12	3.2E-12	1.3E-10	4.0E-13	4.4E-11	2.3E-19	2.0E-17	1.8E-10
Fluorene												
Indeno(1,2,3-cd)pyrene	4.0E-15	9.8E-10	1.7E-13	8.9E-10	3.2E-13	9.7E-13	4.0E-11	1.2E-13	1.3E-11	6.6E-15	5.1E-18	1.9E-09
Napthalene						7.2E-11	3.0E-09	9.0E-12	1.0E-09			4.1E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	6.1E-18	5.8E-19	1.1E-17	4.9E-19	1.9E-17	2.7E-14	1.1E-12	3.3E-15	3.6E-13	1.3E-20	1.1E-18	1.5E-12
Heptachlorobiphenyl	6.6E-18	1.9E-18	3.7E-17	1.6E-18	6.2E-17	1.0E-14	4.2E-13	1.3E-15	1.4E-13	2.3E-20	2.0E-18	5.7E-13
Hexachlorobiphenyl	2.7E-17	8.6E-18	1.5E-16	7.3E-18	2.6E-16	4.3E-14	1.7E-12	5.4E-15	5.6E-13	1.1E-19	8.4E-18	2.3E-12
Monochlorobiphenyl	4.3E-17	4.0E-18	8.0E-17	3.4E-18	1.4E-16	1.8E-13	7.6E-12	2.3E-14	2.5E-12	9.0E-20	7.9E-18	1.0E-11
Nonachlorobiphenyl	8.2E-19	3.4E-19	5.2E-18	2.8E-19	8.9E-18	1.5E-15	5.2E-14	1.8E-16	1.7E-14	4.1E-21	2.8E-19	7.1E-14
Octachlorobiphenyl	1.9E-18	6.2E-19	1.1E-17	5.2E-19	1.9E-17	3.2E-15	1.2E-13	4.0E-16	4.1E-14	7.6E-21	6.1E-19	1.7E-13
Pentachlorobiphenyl	8.8E-17	3.1E-17	5.3E-16	2.6E-17	9.0E-16	1.5E-13	5.6E-12	1.9E-14	1.9E-12	3.8E-19	2.9E-17	7.7E-12
Tetrachlorobiphenyl	1.8E-18	2.2E-19	3.7E-18	1.9E-19	6.3E-18	8.6E-15	3.2E-13	1.1E-15	1.1E-13	5.0E-21	3.7E-19	4.4E-13
Trichlorobiphenyl	2.4E-18	2.6E-19	4.7E-18	2.2E-19	8.0E-18	1.1E-14	4.2E-13	1.4E-15	1.4E-13	6.0E-21	4.7E-19	5.8E-13
Pesticides												
DDE				3.3E-08						3.0E-10		3.4E-08
Dieldrin		6.1E-09		7.2E-09						1.0E-13		1.3E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	7.1E-21					2.4E-13	1.1E-11	3.0E-14	3.6E-12			1.5E-11
2,4-Dimethylphenol												

Table H-615 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	9.8E-17	1.3E-15	2.4E-14	1.6E-15	5.7E-14	6.5E-12	2.5E-10	8.1E-13	8.5E-11	1.3E-20	1.1E-18	3.5E-10
Butyl benzyl phthalate	4.8E-18	8.8E-20	1.8E-18	1.0E-19	4.3E-18							1.1E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	7.5E-18					1.4E-11	2.5E-10	1.7E-12	8.3E-11			3.5E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	1.0E-21					1.4E-14	4.8E-13	1.8E-15	1.6E-13			6.6E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	4.6E-19											4.6E-19
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	1.1E-20					5.9E-13	1.1E-11	7.4E-14	3.5E-12			1.5E-11
1,2-Dichloroethane	1.5E-20					8.5E-09	3.9E-11	3.7E-10	1.3E-11			8.9E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-615 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	1.6E-18					9.2E-08	3.8E-09	1.1E-09	1.3E-09			9.8E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	2.8E-22					5.0E-14	9.0E-13	6.3E-15	3.0E-13			1.3E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	1.3E-22					1.3E-08	3.3E-13	1.3E-09	1.1E-13			1.5E-08
Chlorobenzene												
Chlorodibromomethane	2.2E-20											2.2E-20
Chloroethane												
Chloroform	1.2E-21					1.2E-08	1.3E-11	7.9E-10	4.2E-12			1.3E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	2.3E-19					7.7E-09	2.6E-10	8.7E-13	8.8E-11			8.0E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	7.4E-22					2.6E-15	9.5E-14	3.2E-16	3.2E-14			1.3E-13
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	2.0E-23					4.5E-16	1.6E-14	5.6E-17	5.2E-15			2.1E-14
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	4.5E-24					2.9E-10	7.6E-15	5.3E-17	2.5E-15			2.9E-10
Trichlorofluoromethane												

Table H-615 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	4.9E-21					3.1E-13	7.6E-12	3.9E-14	2.5E-12			1.0E-11
Grand Total	4.5E-13	8.8E-08	3.0E-11	2.0E-07	2.2E-10	1.0E-06	5.4E-08	3.8E-09	1.8E-08	6.4E-10	2.8E-13	1.4E-06

Table H-616 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	1.5E-03	5.2E-06	5.0E-04			2.0E-03
Aldehydes												
Acetaldehyde						1.6E-04	5.8E-03	2.0E-05	1.9E-03			7.9E-03
Formaldehyde	2.3E-12					4.9E-01	2.1E-03	7.9E-06	6.9E-04			4.9E-01
Propionaldehyde						2.0E-05	7.2E-04	2.5E-06	2.4E-04	2.1E-12	1.5E-10	9.8E-04
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-06	3.1E-07	9.0E-06	1.3E-06	4.3E-05	1.6E-07	1.4E-05	1.8E-10	1.2E-08	7.0E-05
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	7.7E-03	2.5E-05	2.6E-03			1.1E-02
Metals												
Aluminum				1.2E-02						1.1E-04		1.2E-02
Antimony	3.9E-14			1.9E-03								1.9E-03

Table H-616 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	9.1E-03	1.6E-13	2.1E-02	7.6E-13	4.0E-05	1.4E-03	4.9E-06	4.7E-04	3.5E-05	2.7E-15	3.2E-02
Barium	1.4E-11			2.2E-08	7.5E-07	2.5E-04	6.8E-03	3.1E-05	2.3E-03	4.3E-10	3.2E-08	9.3E-03
Beryllium	1.7E-14			5.2E-13	2.0E-11	2.1E-06	7.3E-05	2.7E-07	2.4E-05	2.6E-15	2.1E-13	9.9E-05
Cadmium	8.3E-12			8.2E-13	3.1E-11	7.6E-05	2.6E-03	9.5E-06	8.8E-04	4.0E-15	3.4E-13	3.6E-03
Chromium	1.9E-15			6.4E-11	2.5E-09							2.6E-09
Cobalt	1.1E-11			1.1E-01	4.7E-05	1.6E-03	3.0E-02	2.0E-04	9.9E-03	2.7E-04	2.6E-07	1.5E-01
Copper				1.1E-08	4.3E-07							4.4E-07
Iron				3.9E-02								3.9E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.6E-09	7.8E-08	2.8E-06	9.8E-09	9.2E-07	1.0E-14	7.1E-13	3.8E-06
Mercury, elemental						3.3E-10	1.2E-08	4.1E-11	3.8E-09	1.7E-04		1.7E-04
Methyl Mercury	1.3E-10			3.8E-11	1.5E-09							1.6E-09
Nickel	1.7E-13			2.8E-02	7.8E-12	3.9E-05	1.3E-03	4.8E-06	4.4E-04	3.0E-04	1.9E-13	3.0E-02
Phosphorus				3.7E-10	1.4E-08							1.4E-08
Selenium	5.5E-14			8.1E-15	3.1E-13	8.7E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-20	8.4E-18	4.2E-07
Silver	4.2E-14			1.7E-10	6.3E-09							6.5E-09
Thallium (Soluble Salts)				8.1E-03								8.1E-03
Titanium												
Zinc	1.4E-11			6.1E-13	2.2E-11							3.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	6.9E-14	3.1E-15	1.3E-13							2.0E-13
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	1.2E-12	5.2E-14	2.1E-12							3.4E-12
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-616 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	2.8E-13	2.8E-04	1.2E-02	3.5E-05	3.9E-03	4.9E-12	4.5E-10	1.6E-02
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	3.4E-11	1.5E-12	6.3E-11							1.1E-10
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	2.1E-03	6.2E-06	6.9E-04			2.8E-03
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.9E-10	8.5E-12	3.5E-10							5.6E-10
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.8E-10	1.2E-11	4.7E-10							8.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	1.1E-10	4.9E-12	1.9E-10	9.8E-10	3.9E-08	1.2E-10	1.3E-08	3.8E-15	3.3E-13	5.4E-08
Hexachlorobiphenyl	4.7E-11	2.6E-11	4.7E-10	2.2E-11	8.0E-10	4.1E-06	1.6E-04	5.1E-07	5.3E-05	1.7E-11	1.4E-09	2.2E-04
Monochlorobiphenyl	6.1E-10	9.8E-11	2.0E-09	8.3E-11	3.3E-09							6.0E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.6E-11	8.6E-13	2.7E-11							4.6E-11
Octachlorobiphenyl	3.4E-12	1.9E-12	3.4E-11	1.6E-12	5.8E-11							9.9E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.6E-09	8.0E-11	2.7E-09	4.6E-05	1.7E-03	5.7E-06	5.7E-04	2.0E-10	1.5E-08	2.3E-03
Tetrachlorobiphenyl	2.6E-11	5.4E-12	9.1E-11	4.5E-12	1.5E-10	2.3E-07	8.7E-06	2.9E-08	2.9E-06	2.3E-13	1.7E-11	1.2E-05
Trichlorobiphenyl	3.4E-11	6.5E-12	1.2E-10	5.5E-12	2.0E-10							3.6E-10
Pesticides												
DDE												
Dieldrin		5.4E-04		6.3E-04								1.2E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	4.3E-06	1.7E-08	1.4E-06			5.9E-06
1,2-dichlorobenzene	3.1E-17					5.4E-10	9.7E-09	6.8E-11	3.2E-09			1.4E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	8.5E-08	2.4E-10	2.8E-08			1.2E-07
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-616 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	3.9E-06	1.2E-08	1.3E-06			5.3E-06
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	6.0E-09	4.0E-10	1.4E-08							2.1E-08
Butyl benzyl phthalate	8.8E-13	1.6E-14	3.3E-13	1.9E-14	7.9E-13							2.0E-12
Carbazole												
Dibenzofuran		1.4E-13	2.9E-12	5.7E-13	2.3E-11							2.6E-11
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	6.7E-13	3.9E-14	1.6E-12							1.9E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	8.7E-12	1.1E-12	2.1E-11							3.1E-11
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						3.0E-02						3.0E-02
Phenol	4.9E-13					1.5E-06	6.2E-05	1.9E-07	2.1E-05			8.5E-05
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	1.0E-09	3.3E-12	3.3E-10			1.4E-09
1,1-Dichloroethene	1.2E-19					1.3E-10	2.3E-09	1.6E-11	7.7E-10			3.2E-09
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	6.4E-06	4.5E-08	2.1E-06			9.0E-06
1,2,4-Trimethylbenzene						8.9E-07	2.8E-05	1.1E-07	9.4E-06			3.9E-05
1,2-Dibromoethane	4.1E-17					7.7E-09	1.4E-07	9.6E-10	4.6E-08			1.9E-07
1,2-Dichloroethane	1.9E-15					3.3E-03	1.5E-05	1.4E-04	5.0E-06			3.4E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	2.6E-07	8.3E-10	8.7E-08			3.6E-07
2-Chlorotoluene												
2-Hexanone						2.3E-07	8.2E-06	2.8E-08	2.7E-06			1.1E-05

Table H-616 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					2.7E-02	1.1E-03	3.2E-04	3.8E-04			2.9E-02
Bromobenzene						6.2E-07	1.1E-05	7.8E-08	3.7E-06			1.5E-05
Bromochloromethane						2.2E-09	3.9E-08	2.8E-10	1.3E-08			5.5E-08
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	2.3E-05	9.5E-08	7.6E-06			3.1E-05
Carbon disulfide	1.3E-17					4.8E-09	1.4E-07	6.0E-10	4.7E-08			1.9E-07
Carbon tetrachloride	3.4E-17					1.6E-03	3.9E-08	1.5E-04	1.3E-08			1.7E-03
Chlorobenzene	2.3E-15					9.6E-08	3.4E-06	1.2E-08	1.1E-06			4.7E-06
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	3.2E-08	1.1E-10	1.1E-08			4.3E-08
Chloroform	2.8E-16					3.7E-04	3.9E-07	2.4E-05	1.3E-07			4.0E-04
Chloromethane						3.4E-07	1.0E-05	4.3E-08	3.5E-06			1.4E-05
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	9.1E-07	6.4E-09	3.0E-07			1.3E-06
Dichlorodifluoromethane	2.4E-20					2.5E-09	4.4E-08	3.1E-10	1.5E-08			6.2E-08
Ethylbenzene	1.5E-14					2.1E-04	7.4E-06	2.4E-08	2.5E-06			2.2E-04
Isopropylbenzene	2.0E-17					3.9E-08	1.3E-06	4.9E-09	4.5E-07			1.8E-06
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.1E-09	1.5E-11	7.1E-10			3.0E-09
Methylene chloride	4.3E-15					3.0E-08	1.1E-06	3.8E-09	3.7E-07			1.5E-06
n-Butylbenzene												
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07			4.2E-07
o-Xylene	1.4E-15					2.3E-07	7.6E-06	2.9E-08	2.5E-06			1.0E-05
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.9E-05	6.4E-08	6.2E-06			2.5E-05
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	1.1E-07	3.8E-10	3.5E-08			1.4E-07
Toluene	2.0E-14					6.3E-08	2.5E-06	7.9E-09	8.3E-07			3.4E-06
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.5E-03	6.5E-08	4.5E-10	2.2E-08			2.5E-03
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-616 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					5.0E-08	1.2E-06	6.2E-09	4.0E-07			1.7E-06
Grand Total	5.0E-09	9.6E-03	1.1E-06	2.2E-01	5.8E-05	5.6E-01	7.7E-02	1.0E-03	2.6E-02	8.9E-04	3.2E-07	8.9E-01

Table H-617 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Ingestion of Soil at CJ	Inhalation of Indoor Air at CJ	Inhalation of Outdoor Air at CJ	Inhalation of Particulate/Vapors Outdoors at CJ	Grand Total
Acid Gas							
Hydrogen Chloride							
Aldehydes							
Acetaldehyde				1.1E-10	3.7E-11		1.5E-10
Formaldehyde				2.8E-10	9.3E-11		3.7E-10
Propionaldehyde							
CO							
Carbon monoxide							
CO2							
Carbon dioxide							
Criteria							
Sulfur Dioxide							
DIOXINS							
1,2,3,4,6,7,8-HpCDD	1.8E-17	2.5E-14	2.0E-13	1.1E-11	3.7E-12	8.4E-18	1.5E-11
1,2,3,4,6,7,8-HpCDF	1.7E-17	2.5E-14	2.0E-13	1.1E-11	3.8E-12	8.5E-18	1.5E-11
1,2,3,4,7,8,9-HpCDF	2.6E-18	2.9E-15	2.3E-14	1.4E-12	4.8E-13	9.8E-19	1.9E-12
1,2,3,4,7,8-HxCDD	2.0E-16	2.8E-14	2.2E-13	1.3E-11	4.5E-12	9.6E-18	1.8E-11
1,2,3,4,7,8-HxCDF	1.4E-15	2.2E-13	1.8E-12	1.1E-10	3.6E-11	7.6E-17	1.5E-10
1,2,3,6,7,8-HxCDD	3.8E-16	5.8E-14	4.5E-13	2.8E-11	9.4E-12	2.0E-17	3.8E-11
1,2,3,6,7,8-HxCDF	5.1E-16	7.4E-14	5.8E-13	3.5E-11	1.2E-11	2.5E-17	4.8E-11
1,2,3,7,8,9-HxCDD	5.6E-16	9.1E-14	7.2E-13	4.3E-11	1.4E-11	3.1E-17	5.8E-11
1,2,3,7,8,9-HxCDF	4.1E-17	5.3E-15	4.1E-14	2.7E-12	9.1E-13	1.8E-18	3.7E-12

Table H-617 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Ingestion of Soil at CJ	Inhalation of Indoor Air at CJ	Inhalation of Outdoor Air at CJ	Inhalation of Particulate/ Vapors Outdoors at CJ	Grand Total
1,2,3,7,8-PeCDD	1.1E-14	3.2E-13	2.5E-12	1.7E-10	5.7E-11	1.1E-16	2.3E-10
1,2,3,7,8-PeCDF	7.4E-16	1.9E-14	1.5E-13	1.2E-11	4.0E-12	6.4E-18	1.6E-11
2,3,4,6,7,8-HxCDF	7.3E-16	1.2E-13	9.1E-13	5.5E-11	1.8E-11	3.9E-17	7.4E-11
2,3,4,7,8-PeCDF	1.2E-14	4.5E-13	3.5E-12	2.7E-10	9.1E-11	1.5E-16	3.7E-10
2,3,7,8-TCDD	3.6E-15	6.5E-14	5.1E-13	6.8E-11	2.3E-11	1.5E-14	9.2E-11
2,3,7,8-TCDF	1.1E-15	1.2E-14	9.3E-14	2.5E-11	8.4E-12	4.0E-18	3.4E-11
OCDD	2.4E-21	1.7E-16	1.3E-15	7.4E-14	2.5E-14	5.7E-20	1.0E-13
OCDF	8.8E-22	6.5E-17	5.1E-16	2.8E-14	9.3E-15	2.2E-20	3.8E-14
HCN							
Hydrogen cyanide							
Metals							
Aluminum							
Antimony							
Arsenic	1.3E-17	3.8E-09	1.8E-08	8.9E-11	3.0E-11	1.3E-11	2.2E-08
Barium							
Beryllium				3.6E-12	1.2E-12	1.1E-20	4.8E-12
Cadmium				4.7E-11	1.6E-11	6.7E-21	6.3E-11
Chromium							
Cobalt				3.1E-09	1.0E-09	5.4E-10	4.6E-09
Copper							
Iron							
Lead							

Table H-617 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Ingestion of Soil at CJ	Inhalation of Indoor Air at CJ	Inhalation of Outdoor Air at CJ	Inhalation of Particulate/Vapors Outdoors at CJ	Grand Total
Manganese							
Mercury (+2)							
Mercury, elemental							
Methyl Mercury							
Nickel				3.1E-11	1.0E-11	3.0E-10	3.4E-10
Phosphorus							
Selenium							
Silver							
Thallium (Soluble Salts)							
Titanium							
Zinc							
NOx							
NOx (Oxides of Nitrogen)							
PAHs							
1-Methylnaphthalene		1.1E-19	1.9E-19				3.0E-19
1-Methylphenanthrene							
2,3,5-Trimethylnaphthalene							
2,6-Dimethylnaphthalene							
2-Methylnaphthalene							
Acenaphthylene							
Acenaphthene							
Anthracene							

Table H-617 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Ingestion of Soil at CJ	Inhalation of		Inhalation of Particulate/Vapors Outdoors at CJ	Grand Total
				Indoor Air at CJ	Outdoor Air at CJ		
Benzo(a)anthracene	5.0E-14	4.1E-09	7.5E-09	1.1E-11	3.8E-12	5.1E-11	1.2E-08
Benzo(a)pyrene	2.5E-13	4.5E-08	8.2E-08	4.5E-11	1.5E-11	1.8E-12	1.3E-07
Benzo(b)fluoranthene	6.7E-15	6.4E-09	1.2E-08	5.0E-12	1.7E-12	2.6E-13	1.8E-08
Benzo(e)pyrene							
Benzo(g,h,i)perylene							
Benzo(k)fluoranthene	5.5E-18	3.2E-10	5.8E-10	4.4E-14	1.5E-14	1.3E-13	9.0E-10
Biphenyl			8.2E-19				8.2E-19
Chrysene	8.6E-17	4.6E-11	8.4E-11	2.0E-12	6.5E-13	1.9E-14	1.3E-10
Dibenze(a,h)anthracene	1.2E-14	1.1E-08	2.0E-08	7.7E-12	2.6E-12	4.9E-13	3.2E-08
Fluoranthene							
Fluorene							
Indeno(1,2,3-cd)pyrene	3.1E-15	2.9E-09	5.3E-09	2.4E-12	7.8E-13	1.2E-13	8.3E-09
Napthalene				1.8E-10	5.8E-11		2.3E-10
Perylene							
Phenanthrene							
Pyrene							
Particulate							
Particulate Total Suspended Particulate							
PM<10							
PM<2.5							
PCBs							
Dichlorobiphenyl	4.7E-18	6.2E-19	1.1E-18	6.4E-14	2.1E-14	8.4E-20	8.6E-14

Table H-617 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Ingestion of Soil at CJ	Inhalation of		Inhalation of Particulate/ Vapors Outdoors at CJ	Grand Total
				Indoor Air at CJ	Outdoor Air at CJ		
Heptachlorobiphenyl	5.1E-18	2.1E-18	3.5E-18	2.5E-14	8.4E-15	1.5E-19	3.3E-14
Hexachlorobiphenyl	2.0E-17	9.3E-18	1.6E-17	1.1E-13	3.5E-14	6.8E-19	1.4E-13
Monochlorobiphenyl	3.3E-17	4.3E-18	7.3E-18	4.5E-13	1.5E-13	5.8E-19	6.0E-13
Nonachlorobiphenyl	6.3E-19	3.6E-19	6.1E-19	3.6E-15	1.2E-15	2.7E-20	4.7E-15
Octachlorobiphenyl	1.5E-18	6.7E-19	1.1E-18	7.7E-15	2.6E-15	4.9E-20	1.0E-14
Pentachlorobiphenyl	6.8E-17	3.4E-17	5.7E-17	3.6E-13	1.2E-13	2.5E-18	4.8E-13
Tetrachlorobiphenyl	1.4E-18	2.4E-19	4.0E-19	2.1E-14	7.0E-15	3.2E-20	2.8E-14
Trichlorobiphenyl	1.8E-18	2.9E-19	4.8E-19	2.7E-14	8.8E-15	3.9E-20	3.5E-14
Pesticides							
DDE			8.2E-10			2.2E-11	8.4E-10
Dieldrin		1.8E-09	4.2E-09			1.8E-13	5.9E-09
SVOCs							
1,2,4-trichlorobenzene							
1,2-dichlorobenzene							
1,3-dichlorobenzene							
1,4-dichlorobenzene	5.5E-21			5.8E-13	1.9E-13		7.7E-13
2,4-Dimethylphenol							
2-Chlorophenol							
2-Methylphenol							
2-Nitrophenol							
3-Methylphenol & 4-Methylphenol							
4-Nitrophenol							

Table H-617 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Ingestion of Soil at CJ	Inhalation of Indoor Air at CJ	Inhalation of Outdoor Air at CJ	Inhalation of Particulate/Vapors Outdoors at CJ	Grand Total
Acetophenone							
Benzoic acid							
Benzyl alcohol							
bis(2-Ethylhexyl) phthalate	7.6E-17	1.5E-15	3.4E-15	1.6E-11	5.3E-12	8.6E-20	2.1E-11
Butyl benzyl phthalate	3.7E-18	9.5E-20	2.3E-19				4.0E-18
Carbazole							
Dibenzofuran							
Dimethyl phthalate							
Di-n-butyl phthalate							
Di-n-octyl phthalate							
Hexachlorobutadiene	5.8E-18			3.4E-11	1.1E-11		4.5E-11
Isopropanol							
p-Chloroaniline		7.2E-10	1.7E-09				2.4E-09
Phenol							
Pyridine							
TRS							
Total Reduced Sulfur							
VOCs							
1,1,1,2-Tetrachloroethane	7.7E-22			3.5E-14	1.2E-14		4.6E-14
1,1,1-Trichloroethane							
1,1-Dichloroethene							
1,2,3-Trichlorobenzene							

Table H-617 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Ingestion of Soil at CJ	Inhalation of Indoor Air at CJ	Inhalation of Outdoor Air at CJ	Inhalation of Particulate/Vapors Outdoors at CJ	Grand Total
1,2,3-Trichloropropane	3.6E-19						3.6E-19
1,2,4-Trimethylbenzene							
1,2-Dibromoethane	8.2E-21			1.4E-12	4.8E-13		1.9E-12
1,2-Dichloroethane	1.2E-20			1.7E-08	2.4E-09		2.0E-08
1,3,5-Trimethylbenzene							
1,3-Dichloropropane							
2-Butanone							
2-Chlorotoluene							
2-Hexanone							
Benzene	1.2E-18			3.2E-08	7.0E-09		3.9E-08
Bromobenzene							
Bromochloromethane							
Bromodichloromethane	2.1E-22			1.9E-07	4.1E-14		1.9E-07
Bromoform				2.5E-08			2.5E-08
Bromomethane							
Carbon disulfide							
Carbon tetrachloride	1.0E-22			3.5E-08	8.6E-09		4.4E-08
Chlorobenzene							
Chlorodibromomethane	1.7E-20						1.7E-20
Chloroethane							
Chloroform	9.6E-22			2.7E-07	5.1E-09		2.8E-07
Chloromethane							

Table H-617 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Ingestion of Soil at CJ	Inhalation of Indoor Air at CJ	Inhalation of Outdoor Air at CJ	Inhalation of Particulate/Vapors Outdoors at CJ	Grand Total
cis-1,2-Dichloroethene							
cis-1,3-Dichloropropene							
Dibromomethane							
Dichlorodifluoromethane							
Ethylbenzene	1.8E-19			8.3E-09	5.7E-12		8.3E-09
Isopropylbenzene							
m&p-Xylene							
Methyl Isobutyl Ketone (4-methyl-2							
Methylene chloride	5.7E-22			6.3E-15	2.1E-15		8.4E-15
n-Butylbenzene							
n-Propylbenzene							
o-Xylene							
p-Chlorotoluene							
p-Isopropyltoluene							
sec-Butylbenzene							
Styrene							
tert-Butylbenzene							
Tetrachloroethene	1.5E-23			1.1E-15	3.6E-16		1.5E-15
Toluene							
trans-1,2-Dichloroethene							
trans-1,3-Dichloropropene							
Trichloroethene	3.4E-24			2.8E-08	3.4E-16		2.8E-08

Table H-617 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Ingestion of Soil at CJ	Inhalation of Indoor Air at CJ	Inhalation of Outdoor Air at CJ	Inhalation of Particulate/Vapors Outdoors at CJ	Grand Total
Trichlorofluoromethane							
Vinyl chloride	3.8E-21			7.6E-13	2.5E-13		1.0E-12
Grand Total	3.5E-13	7.7E-08	1.5E-07	6.1E-07	2.5E-08	9.3E-10	8.7E-07

Table H-618 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Ingestion of Soil at CJ	Inhalation of Indoor Air at CJ	Inhalation of Outdoor Air at CJ	Inhalation of Particulate/Vapors Outdoors at CJ	Grand Total
Acid Gas							
Hydrogen Chloride				1.4E-04	4.6E-05		1.8E-04
Aldehydes							
Acetaldehyde				5.3E-04	1.8E-04		7.0E-04
Formaldehyde	2.4E-12			2.1E-04	6.9E-05		2.8E-04
Propionaldehyde				6.5E-05	2.2E-05	1.8E-11	8.7E-05
CO							
Carbon monoxide							
CO2							
Carbon dioxide							
Criteria							
Sulfur Dioxide							
DIOXINS							
1,2,3,4,6,7,8-HpCDD							
1,2,3,4,6,7,8-HpCDF							
1,2,3,4,7,8,9-HpCDF							
1,2,3,4,7,8-HxCDD							
1,2,3,4,7,8-HxCDF							
1,2,3,6,7,8-HxCDD							
1,2,3,6,7,8-HxCDF							
1,2,3,7,8,9-HxCDD							
1,2,3,7,8,9-HxCDF							

Table H-618 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Ingestion of Soil at CJ	Inhalation of Indoor Air at CJ	Inhalation of Outdoor Air at CJ	Inhalation of Particulate/Vapors Outdoors at CJ	Grand Total
1,2,3,7,8-PeCDD							
1,2,3,7,8-PeCDF							
2,3,4,6,7,8-HxCDF							
2,3,4,7,8-PeCDF							
2,3,7,8-TCDD	4.0E-09	1.2E-07	9.1E-07	4.3E-06	1.4E-06	1.6E-09	6.7E-06
2,3,7,8-TCDF							
OCDD							
OCDF							
HCN							
Hydrogen cyanide				6.5E-04	2.2E-04		8.7E-04
Metals							
Aluminum			2.0E-02			6.0E-04	2.1E-02
Antimony	4.1E-14		3.7E-03				3.7E-03
Arsenic	2.8E-12	8.0E-04	3.8E-03	1.3E-04	4.3E-05	1.9E-05	4.8E-03
Barium	1.4E-11		6.4E-08	8.3E-04	2.8E-04	3.7E-09	1.1E-03
Beryllium	1.7E-14		1.5E-12	7.1E-06	2.4E-06	2.2E-14	9.4E-06
Cadmium	8.7E-12		2.4E-12	2.5E-04	8.3E-05	3.5E-14	3.3E-04
Chromium	1.9E-15		1.9E-10				1.9E-10
Cobalt			1.3E-01	5.4E-03	1.8E-03	9.4E-04	1.4E-01
Copper			3.3E-08				3.3E-08
Iron			5.6E-02				5.6E-02
Lead							

Table H-618 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Ingestion of Soil at CJ	Inhalation of Indoor Air at CJ	Inhalation of Outdoor Air at CJ	Inhalation of Particulate/Vapors Outdoors at CJ	Grand Total
Manganese							
Mercury (+2)			6.3E-10	2.6E-07	8.6E-08	9.2E-14	3.4E-07
Mercury, elemental				1.1E-09	3.6E-10	8.9E-04	8.9E-04
Methyl Mercury	1.3E-10		1.1E-10				2.4E-10
Nickel	1.7E-13		3.7E-02	1.3E-04	4.2E-05	1.2E-03	3.8E-02
Phosphorus			1.1E-09				1.1E-09
Selenium	5.8E-14		2.4E-14	2.9E-08	9.6E-09	8.7E-19	3.8E-08
Silver	4.4E-14		5.0E-10				5.0E-10
Thallium (Soluble Salts)			1.8E-02				1.8E-02
Titanium							
Zinc	1.4E-11		1.8E-12				1.6E-11
NOx							
NOx (Oxides of Nitrogen)							
PAHs							
1-Methylnaphthalene		5.0E-15	9.0E-15				1.4E-14
1-Methylphenanthrene							
2,3,5-Trimethylnaphthalene							
2,6-Dimethylnaphthalene							
2-Methylnaphthalene		8.4E-14	1.5E-13				2.4E-13
Acenaphthylene							
Acenaphthene	5.9E-14						5.9E-14
Anthracene	1.5E-13						1.5E-13

Table H-618 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Ingestion of Soil at CJ	Inhalation of Indoor Air at CJ	Inhalation of Outdoor Air at CJ	Inhalation of Particulate/Vapors Outdoors at CJ	Grand Total
Benzo(a)anthracene							
Benzo(a)pyrene							
Benzo(b)fluoranthene							
Benzo(e)pyrene							
Benzo(g,h,i)perylene							
Benzo(k)fluoranthene							
Biphenyl			1.9E-14	9.1E-04	3.0E-04	4.3E-11	1.2E-03
Chrysene							
Dibenze(a,h)anthracene							
Fluoranthene	7.3E-12	2.5E-12	4.5E-12				1.4E-11
Fluorene	1.6E-12						1.6E-12
Indeno(1,2,3-cd)pyrene							
Napthalene	1.5E-12			1.6E-04	5.4E-05		2.2E-04
Perylene							
Phenanthrene							
Pyrene	7.0E-12	1.4E-11	2.5E-11				4.5E-11
Particulate							
Particulate Total Suspended Particulate							
PM<10							
PM<2.5							
PCBs							
Dichlorobiphenyl	9.1E-11	2.1E-11	3.5E-11				1.5E-10

Table H-618 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Ingestion of Soil at CJ	Inhalation of		Inhalation of Particulate/Vapors Outdoors at CJ	Grand Total
				Indoor Air at CJ	Outdoor Air at CJ		
Heptachlorobiphenyl	1.2E-11	8.5E-12	1.4E-11	3.2E-09	1.1E-09	3.4E-14	4.3E-09
Hexachlorobiphenyl	4.9E-11	3.8E-11	6.5E-11	1.3E-05	4.5E-06	1.5E-10	1.8E-05
Monochlorobiphenyl	6.3E-10	1.4E-10	2.4E-10				1.0E-09
Nonachlorobiphenyl	1.5E-12	1.5E-12	2.5E-12				5.5E-12
Octachlorobiphenyl	3.6E-12	2.7E-12	4.6E-12				1.1E-11
Pentachlorobiphenyl	1.6E-10	1.4E-10	2.3E-10	1.5E-04	5.0E-05	1.8E-09	2.0E-04
Tetrachlorobiphenyl	2.7E-11	7.9E-12	1.3E-11	7.6E-07	2.5E-07	2.0E-12	1.0E-06
Trichlorobiphenyl	3.5E-11	9.5E-12	1.6E-11				6.1E-11
Pesticides							
DDE							
Dieldrin		2.1E-04	4.9E-04				7.0E-04
SVOCs							
1,2,4-trichlorobenzene				4.4E-07	1.5E-07		5.9E-07
1,2-dichlorobenzene	3.2E-17			1.8E-09	6.0E-10		2.4E-09
1,3-dichlorobenzene							
1,4-dichlorobenzene	1.4E-15			6.2E-09	2.1E-09		8.3E-09
2,4-Dimethylphenol	1.3E-13						1.3E-13
2-Chlorophenol	2.7E-14						2.7E-14
2-Methylphenol	1.1E-12			3.0E-07	1.0E-07		4.1E-07
2-Nitrophenol							
3-Methylphenol & 4-Methylphenol							
4-Nitrophenol							

Table H-618 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Ingestion of Soil at CJ	Inhalation of Indoor Air at CJ	Inhalation of Outdoor Air at CJ	Inhalation of Particulate/Vapors Outdoors at CJ	Grand Total
Acetophenone	4.1E-14						4.1E-14
Benzoic acid	4.1E-15						4.1E-15
Benzyl alcohol	1.0E-16						1.0E-16
bis(2-Ethylhexyl) phthalate	2.6E-11	4.9E-10	1.2E-09				1.7E-09
Butyl benzyl phthalate	9.1E-13	2.4E-14	5.6E-14				9.9E-13
Carbazole							
Dibenzofuran		2.1E-13	1.7E-12				1.9E-12
Dimethyl phthalate							
Di-n-butyl phthalate	1.8E-11	4.8E-14	1.1E-13				1.8E-11
Di-n-octyl phthalate	1.3E-15	1.4E-12	3.3E-12				4.6E-12
Hexachlorobutadiene	7.0E-12						7.0E-12
Isopropanol				1.6E-02			1.6E-02
p-Chloroaniline		8.6E-05	2.0E-04				2.9E-04
Phenol	5.1E-13			5.0E-06	1.7E-06		6.6E-06
Pyridine	8.0E-12						8.0E-12
TRS							
Total Reduced Sulfur							
VOCs							
1,1,1,2-Tetrachloroethane	9.3E-17						9.3E-17
1,1,1-Trichloroethane	9.2E-20			8.7E-11	2.9E-11		1.2E-10
1,1-Dichloroethene	1.2E-19			4.3E-10	1.4E-10		5.7E-10
1,2,3-Trichlorobenzene	2.4E-13						2.4E-13

Table H-618 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Ingestion of Soil at CJ	Inhalation of Indoor Air at CJ	Inhalation of Outdoor Air at CJ	Inhalation of Particulate/Vapors Outdoors at CJ	Grand Total
1,2,3-Trichloropropane	2.8E-16			1.2E-06	4.0E-07		1.6E-06
1,2,4-Trimethylbenzene				2.9E-06	9.7E-07		3.9E-06
1,2-Dibromoethane	4.3E-17			2.5E-08	8.4E-09		3.4E-08
1,2-Dichloroethane	2.0E-15			8.9E-03	1.3E-03		1.0E-02
1,3,5-Trimethylbenzene	6.3E-15						6.3E-15
1,3-Dichloropropane							
2-Butanone	4.2E-15			2.2E-08	7.2E-09		2.9E-08
2-Chlorotoluene							
2-Hexanone				7.4E-07	2.5E-07		9.9E-07
Benzene	5.1E-13			1.3E-02	2.8E-03		1.6E-02
Bromobenzene				2.0E-06	6.8E-07		2.7E-06
Bromochloromethane				7.2E-09	2.4E-09		9.7E-09
Bromodichloromethane	1.6E-17						1.6E-17
Bromoform							
Bromomethane	1.0E-15			2.5E-06	8.3E-07		3.3E-06
Carbon disulfide	1.3E-17			1.6E-08	5.2E-09		2.1E-08
Carbon tetrachloride	3.5E-17			5.6E-03	1.4E-03		6.9E-03
Chlorobenzene	2.4E-15			3.2E-07	1.1E-07		4.2E-07
Chlorodibromomethane	9.5E-16						9.5E-16
Chloroethane				3.0E-09	1.0E-09		4.0E-09
Chloroform	2.9E-16			1.1E-02	2.1E-04		1.2E-02
Chloromethane				1.1E-06	3.8E-07		1.5E-06

Table H-618 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Ingestion of Soil at CJ	Inhalation of Indoor Air at CJ	Inhalation of Outdoor Air at CJ	Inhalation of Particulate/Vapors Outdoors at CJ	Grand Total
cis-1,2-Dichloroethene	2.0E-15						2.0E-15
cis-1,3-Dichloropropene							
Dibromomethane				1.7E-07	5.6E-08		2.2E-07
Dichlorodifluoromethane	2.5E-20			8.2E-09	2.7E-09		1.1E-08
Ethylbenzene	1.6E-14			3.2E-04	2.1E-07		3.2E-04
Isopropylbenzene	2.0E-17			1.3E-07	4.3E-08		1.7E-07
m&p-Xylene							
Methyl Isobutyl Ketone (4-methyl-2				3.9E-10	1.3E-10		5.2E-10
Methylene chloride	4.5E-15			9.9E-08	3.3E-08		1.3E-07
n-Butylbenzene							
n-Propylbenzene				3.1E-08	1.0E-08		4.1E-08
o-Xylene	1.4E-15			7.5E-07	2.5E-07		1.0E-06
p-Chlorotoluene							
p-Isopropyltoluene							
sec-Butylbenzene							
Styrene	4.9E-14			1.7E-06	5.6E-07		2.2E-06
tert-Butylbenzene							
Tetrachloroethene	1.1E-16			9.9E-09	3.3E-09		1.3E-08
Toluene	2.0E-14			2.1E-07	6.9E-08		2.8E-07
trans-1,2-Dichloroethene	3.1E-15						3.1E-15
trans-1,3-Dichloropropene							
Trichloroethene	1.4E-17			3.2E-01	4.0E-09		3.2E-01

Table H-618 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Ingestion of Soil at CJ	Inhalation of Indoor Air at CJ	Inhalation of Outdoor Air at CJ	Inhalation of Particulate/ Vapors Outdoors at CJ	Grand Total
Trichlorofluoromethane	3.6E-20						3.6E-20
Vinyl chloride	1.7E-16			1.6E-07	5.4E-08		2.2E-07
Grand Total	5.2E-09	1.1E-03	2.7E-01	3.8E-01	8.8E-03	3.7E-03	6.6E-01

Table H-619 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			4.5E-11	5.7E-12		5.1E-11
Formaldehyde			5.9E-07	1.4E-11		5.9E-07
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	2.3E-14	9.1E-14	4.6E-12	5.8E-13	1.3E-18	5.3E-12
1,2,3,4,6,7,8-HpCDF	2.3E-14	9.2E-14	4.7E-12	5.8E-13	1.3E-18	5.3E-12
1,2,3,4,7,8,9-HpCDF	2.7E-15	1.1E-14	5.9E-13	7.4E-14	1.5E-19	6.8E-13
1,2,3,4,7,8-HxCDD	2.6E-14	1.0E-13	5.5E-12	6.9E-13	1.5E-18	6.3E-12
1,2,3,4,7,8-HxCDF	2.1E-13	8.2E-13	4.5E-11	5.6E-12	1.2E-17	5.1E-11
1,2,3,6,7,8-HxCDD	5.3E-14	2.1E-13	1.2E-11	1.5E-12	3.0E-18	1.3E-11
1,2,3,6,7,8-HxCDF	6.8E-14	2.7E-13	1.5E-11	1.8E-12	3.8E-18	1.7E-11
1,2,3,7,8,9-HxCDD	8.4E-14	3.3E-13	1.8E-11	2.2E-12	4.8E-18	2.0E-11
1,2,3,7,8,9-HxCDF	4.9E-15	1.9E-14	1.1E-12	1.4E-13	2.7E-19	1.3E-12
1,2,3,7,8-PeCDD	3.0E-13	1.2E-12	7.0E-11	8.8E-12	1.7E-17	8.1E-11

Table H-619 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	1.7E-14	6.9E-14	5.0E-12	6.2E-13	9.8E-19	5.7E-12
2,3,4,6,7,8-HxCDF	1.1E-13	4.2E-13	2.3E-11	2.8E-12	6.0E-18	2.6E-11
2,3,4,7,8-PeCDF	4.2E-13	1.6E-12	1.1E-10	1.4E-11	2.4E-17	1.3E-10
2,3,7,8-TCDD	6.0E-14	2.4E-13	2.8E-11	3.5E-12	2.4E-15	3.2E-11
2,3,7,8-TCDF	1.1E-14	4.3E-14	1.0E-11	1.3E-12	6.2E-19	1.2E-11
OCDD	1.6E-16	6.2E-16	3.1E-14	3.8E-15	8.8E-21	3.5E-14
OCDF	6.0E-17	2.4E-16	1.1E-14	1.4E-15	3.4E-21	1.3E-14
HCN						
Hydrogen cyanide						
Metals						
Aluminum						
Antimony						
Arsenic	7.7E-09	1.8E-08	3.6E-11	4.6E-12	4.3E-12	2.6E-08
Barium						
Beryllium			1.5E-12	1.8E-13	1.8E-21	1.7E-12
Cadmium			1.9E-11	2.4E-12	1.0E-21	2.2E-11
Chromium						
Cobalt			1.3E-09	1.6E-10	1.7E-10	1.6E-09
Copper						
Iron						
Lead						
Manganese						
Mercury (+2)						

Table H-619 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental						
Methyl Mercury						
Nickel			1.3E-11	1.6E-12	1.0E-10	1.2E-10
Phosphorus						
Selenium						
Silver						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	9.9E-20	9.0E-20				1.9E-19
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	2.3E-10	2.1E-10	4.7E-12	5.9E-13	4.8E-13	4.5E-10
Benzo(a)pyrene	2.7E-09	2.5E-09	1.8E-11	2.3E-12	1.8E-14	5.2E-09
Benzo(b)fluoranthene	4.9E-10	4.4E-10	2.1E-12	2.6E-13	3.3E-15	9.3E-10
Benzo(e)pyrene						

Table H-619 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	3.7E-11	3.3E-11	1.8E-14	2.3E-15	2.5E-15	7.0E-11
Biphenyl		3.8E-19				3.8E-19
Chrysene	2.8E-12	2.6E-12	8.0E-13	1.0E-13	1.9E-16	6.3E-12
Dibenze(a,h)anthracene	3.1E-14	2.8E-14	3.2E-12	4.0E-13	2.3E-19	3.6E-12
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	1.2E-10	1.1E-10	9.7E-13	1.2E-13	7.9E-16	2.3E-10
Napthalene			7.2E-11	9.0E-12		8.1E-11
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	5.8E-19	4.9E-19	2.7E-14	3.3E-15	1.3E-20	3.0E-14
Heptachlorobiphenyl	1.9E-18	1.6E-18	1.0E-14	1.3E-15	2.3E-20	1.2E-14
Hexachlorobiphenyl	8.6E-18	7.3E-18	4.3E-14	5.4E-15	1.1E-19	4.9E-14
Monochlorobiphenyl	4.0E-18	3.4E-18	1.8E-13	2.3E-14	9.0E-20	2.1E-13
Nonachlorobiphenyl	3.4E-19	2.8E-19	1.5E-15	1.8E-16	4.1E-21	1.6E-15
Octachlorobiphenyl	6.2E-19	5.2E-19	3.2E-15	4.0E-16	7.6E-21	3.6E-15

Table H-619 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Pentachlorobiphenyl	3.1E-17	2.6E-17	1.5E-13	1.9E-14	3.8E-19	1.7E-13
Tetrachlorobiphenyl	2.2E-19	1.9E-19	8.6E-15	1.1E-15	5.0E-21	9.7E-15
Trichlorobiphenyl	2.6E-19	2.2E-19	1.1E-14	1.4E-15	6.0E-21	1.2E-14
Pesticides						
Chlordecone (Kepone)	1.8E-07	2.1E-07			4.8E-12	4.0E-07
DDE		1.0E-09			9.0E-12	1.0E-09
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-Butadiene			9.3E-09			9.3E-09
1,3-dichlorobenzene						
1,4-dichlorobenzene			2.4E-13	3.0E-14		2.7E-13
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	1.3E-15	1.6E-15	6.5E-12	8.1E-13	1.3E-20	7.3E-12
Butyl benzyl phthalate	8.8E-20	1.0E-19				1.9E-19

Table H-619 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			1.4E-11	1.7E-12		1.6E-11
Isopropanol						
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			1.4E-14	1.8E-15		1.6E-14
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			5.9E-13	7.4E-14		6.7E-13
1,2-Dichloroethane			1.0E-12	3.7E-10		3.7E-10
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						

Table H-619 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
2-Chlorotoluene						
2-Hexanone						
Benzene			9.4E-09	1.1E-09		1.0E-08
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			5.0E-14	6.3E-15		5.7E-14
Bromomethane						
Carbon disulfide						
Carbon tetrachloride			1.3E-08	1.3E-09		1.4E-08
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			7.1E-09	7.9E-10		7.9E-09
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			9.8E-10	8.7E-13		9.8E-10
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			2.6E-15	3.2E-16		2.9E-15

Table H-619 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethene			4.5E-16	5.6E-17		5.1E-16
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			4.3E-16	5.3E-17		4.8E-16
Trichlorofluoromethane						
Vinyl chloride			3.1E-13	3.9E-14		3.5E-13
Grand Total	1.9E-07	2.4E-07	6.3E-07	3.8E-09	2.9E-10	1.1E-06

Table H-620 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			4.2E-05	5.2E-06		4.7E-05
Aldehydes						
Acetaldehyde			1.6E-04	2.0E-05		1.8E-04
Formaldehyde			3.3E-01	7.9E-06		3.3E-01
Propionaldehyde			2.0E-05	2.5E-06	2.1E-12	2.2E-05
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-620 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	7.9E-08	3.1E-07	1.3E-06	1.6E-07	1.8E-10	1.8E-06
2,3,7,8-TCDF						
OCDD						
OCDF						
HCN						
Hydrogen cyanide			2.0E-04	2.5E-05		2.2E-04
Metals						
Aluminum		1.0E-02			1.0E-04	1.0E-02
Antimony		9.4E-04				9.4E-04
Arsenic	1.2E-03	2.8E-03	4.0E-05	4.9E-06	4.6E-06	4.1E-03
Barium		2.2E-08	2.5E-04	3.1E-05	4.3E-10	2.8E-04
Beryllium		5.2E-13	2.1E-06	2.7E-07	2.6E-15	2.4E-06
Cadmium		8.2E-13	7.6E-05	9.5E-06	4.0E-15	8.5E-05
Chromium		6.4E-11				6.4E-11
Cobalt		8.8E-02	1.6E-03	2.0E-04	2.2E-04	9.0E-02
Copper		1.1E-08				1.1E-08
Iron		3.2E-02				3.2E-02
Lead						
Manganese						
Mercury (+2)		2.1E-10	7.8E-08	9.8E-09	1.0E-14	8.8E-08

Table H-620 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Mercury, elemental			3.3E-10	4.1E-11	1.1E-02	1.1E-02
Methyl Mercury		3.8E-11				3.8E-11
Nickel		2.8E-02	3.9E-05	4.8E-06	3.0E-04	2.8E-02
Phosphorus		3.7E-10				3.7E-10
Selenium		8.1E-15	8.7E-09	1.1E-09	9.9E-20	9.8E-09
Silver		1.7E-10				1.7E-10
Titanium						
Zinc		6.1E-13				6.1E-13
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.4E-15	3.1E-15				6.5E-15
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	5.8E-14	5.2E-14				1.1E-13
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						
Benzo(e)pyrene						

Table H-620 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						
Biphenyl		6.7E-15	2.8E-04	3.5E-05	4.9E-12	3.1E-04
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	1.7E-12	1.5E-12				3.2E-12
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene			5.0E-05	6.2E-06		5.6E-05
Perylene						
Phenanthrene						
Pyrene	9.3E-12	8.5E-12				1.8E-11
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	1.4E-11	1.2E-11				2.6E-11
Heptachlorobiphenyl	5.8E-12	4.9E-12	9.8E-10	1.2E-10	3.8E-15	1.1E-09
Hexachlorobiphenyl	2.6E-11	2.2E-11	4.1E-06	5.1E-07	1.7E-11	4.6E-06
Monochlorobiphenyl	9.8E-11	8.3E-11				1.8E-10
Nonachlorobiphenyl	1.0E-12	8.6E-13				1.9E-12
Octachlorobiphenyl	1.9E-12	1.6E-12				3.5E-12

Table H-620 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Pentachlorobiphenyl	9.4E-11	8.0E-11	4.6E-05	5.7E-06	2.0E-10	5.1E-05
Tetrachlorobiphenyl	5.4E-12	4.5E-12	2.3E-07	2.9E-08	2.3E-13	2.6E-07
Trichlorobiphenyl	6.5E-12	5.5E-12				1.2E-11
Pesticides						
Chlordecone (Kepone)	4.2E-03	5.0E-03				9.2E-03
DDE						
SVOCs						
1,2,4-trichlorobenzene			1.3E-07	1.7E-08		1.5E-07
1,2-dichlorobenzene			5.4E-10	6.8E-11		6.1E-10
1,3-Butadiene			1.1E-02			1.1E-02
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.9E-09	2.4E-10		2.1E-09
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			9.3E-08	1.2E-08		1.0E-07
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-10	4.0E-10				7.4E-10
Butyl benzyl phthalate	1.6E-14	1.9E-14				3.6E-14

Table H-620 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbazole						
Dibenzofuran	1.4E-13	5.7E-13				7.1E-13
Dimethyl phthalate						
Di-n-butyl phthalate	3.3E-14	3.9E-14				7.1E-14
Di-n-octyl phthalate	9.4E-13	1.1E-12				2.1E-12
Hexachlorobutadiene						
Isopropanol			1.7E-03			1.7E-03
Phenol			1.5E-06	1.9E-07		1.7E-06
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			2.7E-11	3.3E-12		3.0E-11
1,1-Dichloroethene			1.3E-10	1.6E-11		1.5E-10
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.6E-07	4.5E-08		4.1E-07
1,2,4-Trimethylbenzene			8.9E-07	1.1E-07		1.0E-06
1,2-Dibromoethane			7.7E-09	9.6E-10		8.6E-09
1,2-Dichloroethane			4.0E-07	1.4E-04		1.4E-04
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone			6.6E-09	8.3E-10		7.4E-09

Table H-620 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
2-Chlorotoluene						
2-Hexanone			2.3E-07	2.8E-08		2.5E-07
Benzene			2.8E-03	3.2E-04		3.1E-03
Bromobenzene			6.2E-07	7.8E-08		7.0E-07
Bromochloromethane			2.2E-09	2.8E-10		2.5E-09
Bromodichloromethane						
Bromomethane			7.6E-07	9.5E-08		8.6E-07
Carbon disulfide			4.8E-09	6.0E-10		5.4E-09
Carbon tetrachloride			1.5E-03	1.5E-04		1.6E-03
Chlorobenzene			9.6E-08	1.2E-08		1.1E-07
Chlorodibromomethane						
Chloroethane			9.1E-10	1.1E-10		1.0E-09
Chloroform			2.2E-04	2.4E-05		2.5E-04
Chloromethane			3.4E-07	4.3E-08		3.9E-07
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			5.1E-08	6.4E-09		5.7E-08
Dichlorodifluoromethane			2.5E-09	3.1E-10		2.8E-09
Ethylbenzene			2.7E-05	2.4E-08		2.7E-05
Isopropylbenzene			3.9E-08	4.9E-09		4.4E-08
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.2E-10	1.5E-11		1.3E-10
Methylene chloride			3.0E-08	3.8E-09		3.4E-08

Table H-620 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene			9.4E-09	1.2E-09		1.1E-08
o-Xylene			2.3E-07	2.9E-08		2.6E-07
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			5.1E-07	6.4E-08		5.7E-07
tert-Butylbenzene						
Tetrachloroethene			3.0E-09	3.8E-10		3.4E-09
Toluene			6.3E-08	7.9E-09		7.1E-08
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			3.6E-09	4.5E-10		4.1E-09
Trichlorofluoromethane						
Vinyl chloride			5.0E-08	6.2E-09		5.6E-08
Grand Total	5.4E-03	1.7E-01	3.5E-01	1.0E-03	1.2E-02	5.3E-01

Table H-621 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						4.5E-11	1.1E-10	5.7E-12	5.7E-12			1.6E-10
Formaldehyde						5.9E-07	2.6E-10	1.4E-11	1.4E-11			5.9E-07
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	2.3E-17	2.3E-14	3.2E-14	9.1E-14	2.5E-13	4.6E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	8.0E-18	1.7E-11
1,2,3,4,6,7,8-HpCDF	2.2E-17	2.3E-14	3.3E-14	9.2E-14	2.6E-13	4.7E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	8.1E-18	1.7E-11
1,2,3,4,7,8,9-HpCDF	3.4E-18	2.7E-15	3.7E-15	1.1E-14	3.0E-14	5.9E-13	1.4E-12	7.4E-14	7.4E-14	1.5E-19	9.3E-19	2.1E-12
1,2,3,4,7,8-HxCDD	2.6E-16	2.6E-14	3.7E-14	1.0E-13	2.9E-13	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.5E-18	9.1E-18	2.0E-11
1,2,3,4,7,8-HxCDF	1.8E-15	2.1E-13	2.9E-13	8.2E-13	2.3E-12	4.5E-11	1.0E-10	5.6E-12	5.6E-12	1.2E-17	7.2E-17	1.6E-10
1,2,3,6,7,8-HxCDD	5.0E-16	5.3E-14	7.5E-14	2.1E-13	5.9E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.0E-18	1.9E-17	4.2E-11
1,2,3,6,7,8-HxCDF	6.6E-16	6.8E-14	9.5E-14	2.7E-13	7.5E-13	1.5E-11	3.4E-11	1.8E-12	1.8E-12	3.8E-18	2.4E-17	5.3E-11
1,2,3,7,8,9-HxCDD	7.2E-16	8.4E-14	1.2E-13	3.3E-13	9.3E-13	1.8E-11	4.1E-11	2.2E-12	2.2E-12	4.8E-18	2.9E-17	6.4E-11
1,2,3,7,8,9-HxCDF	5.3E-17	4.9E-15	6.8E-15	1.9E-14	5.4E-14	1.1E-12	2.6E-12	1.4E-13	1.4E-13	2.7E-19	1.7E-18	4.1E-12
1,2,3,7,8-PeCDD	1.4E-14	3.0E-13	4.1E-13	1.2E-12	3.3E-12	7.0E-11	1.6E-10	8.8E-12	8.8E-12	1.7E-17	1.0E-16	2.6E-10
1,2,3,7,8-PeCDF	9.6E-16	1.7E-14	2.4E-14	6.9E-14	1.9E-13	5.0E-12	1.2E-11	6.2E-13	6.2E-13	9.8E-19	6.0E-18	1.8E-11
2,3,4,6,7,8-HxCDF	9.5E-16	1.1E-13	1.5E-13	4.2E-13	1.2E-12	2.3E-11	5.2E-11	2.8E-12	2.8E-12	6.0E-18	3.7E-17	8.2E-11
2,3,4,7,8-PeCDF	1.5E-14	4.2E-13	5.8E-13	1.6E-12	4.6E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	2.4E-17	1.4E-16	4.1E-10
2,3,7,8-TCDD	4.6E-15	6.0E-14	8.4E-14	2.4E-13	6.6E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	2.4E-15	1.4E-14	1.0E-10
2,3,7,8-TCDF	1.5E-15	1.1E-14	1.5E-14	4.3E-14	1.2E-13	1.0E-11	2.4E-11	1.3E-12	1.3E-12	6.2E-19	3.8E-18	3.7E-11
OCDD	3.1E-21	1.6E-16	2.2E-16	6.2E-16	1.7E-15	3.1E-14	7.1E-14	3.8E-15	3.8E-15	8.8E-21	5.4E-20	1.1E-13
OCDF	1.1E-21	6.0E-17	8.4E-17	2.4E-16	6.6E-16	1.1E-14	2.6E-14	1.4E-15	1.4E-15	3.4E-21	2.1E-20	4.2E-14
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-621 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.7E-17	7.7E-09	4.9E-09	1.8E-08	2.3E-08	3.6E-11	8.4E-11	4.6E-12	4.6E-12	4.3E-12	1.2E-11	5.4E-08
Barium												
Beryllium						1.5E-12	3.4E-12	1.8E-13	1.8E-13	1.8E-21	1.1E-20	5.2E-12
Cadmium						1.9E-11	4.5E-11	2.4E-12	2.4E-12	1.0E-21	6.3E-21	6.9E-11
Chromium												
Cobalt						1.3E-09	2.9E-09	1.6E-10	1.6E-10	1.7E-10	5.1E-10	5.2E-09
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						1.3E-11	3.0E-11	1.6E-12	1.6E-12	1.0E-10	2.8E-10	4.3E-10
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		9.9E-20	1.4E-19	9.0E-20	2.5E-19							5.8E-19
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	6.4E-14	2.3E-10	5.3E-09	2.1E-10	9.7E-09	4.7E-12	1.1E-11	5.9E-13	5.9E-13	4.8E-13	2.9E-12	1.5E-08
Benzo(a)pyrene	3.2E-13	2.7E-09	5.9E-08	2.5E-09	1.1E-07	1.8E-11	4.3E-11	2.3E-12	2.3E-12	1.8E-14	1.7E-12	1.7E-07
Benzo(b)fluoranthene	8.7E-15	4.9E-10	8.2E-09	4.4E-10	1.5E-08	2.1E-12	4.8E-12	2.6E-13	2.6E-13	3.3E-15	2.4E-13	2.4E-08
Benzo(e)pyrene												

Table H-621 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	7.1E-18	3.7E-11	4.1E-10	3.3E-11	7.5E-10	1.8E-14	4.2E-14	2.3E-15	2.3E-15	2.5E-15	1.2E-13	1.2E-09
Biphenyl				3.8E-19	1.1E-18							1.4E-18
Chrysene	1.1E-16	2.8E-12	6.0E-11	2.6E-12	1.1E-10	8.0E-13	1.9E-12	1.0E-13	1.0E-13	1.9E-16	1.8E-14	1.8E-10
Dibenze(a,h)anthracene	1.6E-14	3.1E-14	1.5E-08	2.8E-14	2.6E-08	3.2E-12	7.3E-12	4.0E-13	4.0E-13	2.3E-19	4.7E-13	4.1E-08
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	4.0E-15	1.2E-10	3.8E-09	1.1E-10	6.9E-09	9.7E-13	2.2E-12	1.2E-13	1.2E-13	7.9E-16	1.1E-13	1.1E-08
Napthalene						7.2E-11	1.7E-10	9.0E-12	9.0E-12			2.6E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	6.1E-18	5.8E-19	8.1E-19	4.9E-19	1.4E-18	2.7E-14	6.1E-14	3.3E-15	3.3E-15	1.3E-20	8.0E-20	9.4E-14
Heptachlorobiphenyl	6.6E-18	1.9E-18	2.7E-18	1.6E-18	4.5E-18	1.0E-14	2.4E-14	1.3E-15	1.3E-15	2.3E-20	1.4E-19	3.7E-14
Hexachlorobiphenyl	2.7E-17	8.6E-18	1.2E-17	7.3E-18	2.0E-17	4.3E-14	1.0E-13	5.4E-15	5.4E-15	1.1E-19	6.5E-19	1.5E-13
Monochlorobiphenyl	4.3E-17	4.0E-18	5.6E-18	3.4E-18	9.5E-18	1.8E-13	4.3E-13	2.3E-14	2.3E-14	9.0E-20	5.6E-19	6.6E-13
Nonachlorobiphenyl	8.2E-19	3.4E-19	4.7E-19	2.8E-19	8.0E-19	1.5E-15	3.4E-15	1.8E-16	1.8E-16	4.1E-21	2.5E-20	5.2E-15
Octachlorobiphenyl	1.9E-18	6.2E-19	8.6E-19	5.2E-19	1.5E-18	3.2E-15	7.3E-15	4.0E-16	4.0E-16	7.6E-21	4.7E-20	1.1E-14
Pentachlorobiphenyl	8.8E-17	3.1E-17	4.3E-17	2.6E-17	7.3E-17	1.5E-13	3.4E-13	1.9E-14	1.9E-14	3.8E-19	2.3E-18	5.3E-13
Tetrachlorobiphenyl	1.8E-18	2.2E-19	3.1E-19	1.9E-19	5.2E-19	8.6E-15	2.0E-14	1.1E-15	1.1E-15	5.0E-21	3.1E-20	3.1E-14
Trichlorobiphenyl	2.4E-18	2.6E-19	3.7E-19	2.2E-19	6.3E-19	1.1E-14	2.5E-14	1.4E-15	1.4E-15	6.0E-21	3.7E-20	3.9E-14
Pesticides												
Chlordecone (Kepone)		1.8E-07		2.1E-07						4.8E-12		4.0E-07
DDE				1.0E-09		1.1E-09				9.0E-12	5.6E-11	2.1E-09
Dieldrin			2.3E-09		5.4E-09						1.7E-13	7.7E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene								9.3E-09				9.3E-09
1,3-dichlorobenzene												

Table H-621 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
1,4-dichlorobenzene	7.1E-21					2.4E-13	5.5E-13	3.0E-14	3.0E-14			8.5E-13
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	9.8E-17	1.3E-15	1.9E-15	1.6E-15	4.4E-15	6.5E-12	1.5E-11	8.1E-13	8.1E-13	1.3E-20	8.2E-20	2.3E-11
Butyl benzyl phthalate	4.8E-18	8.8E-20	1.2E-19	1.0E-19	2.9E-19							5.4E-18
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	7.5E-18					1.4E-11	3.2E-11	1.7E-12	1.7E-12			5.0E-11
Isopropanol												
p-Chloroaniline			9.3E-10		2.2E-09							3.1E-09
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	1.0E-21					1.4E-14	3.3E-14	1.8E-15	1.8E-15			5.1E-14
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	4.6E-19											4.6E-19
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	1.1E-20					5.9E-13	1.4E-12	7.4E-14	7.4E-14			2.1E-12
1,2-Dichloroethane	1.5E-20					1.0E-12	1.6E-08	3.7E-10	3.7E-10			1.7E-08
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												

Table H-621 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Butanone												
2-Chlorotoluene												
2-Hexanone												
Benzene	1.6E-18					9.4E-09	3.0E-08	1.1E-09	1.1E-09			4.2E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	2.8E-22					5.0E-14	1.8E-07	6.3E-15	6.3E-15			1.8E-07
Bromoform							2.4E-08					2.4E-08
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	1.3E-22					1.3E-08	3.3E-08	1.3E-09	1.3E-09			4.9E-08
Chlorobenzene												
Chlorodibromomethane	2.2E-20											2.2E-20
Chloroethane												
Chloroform	1.2E-21					7.1E-09	2.6E-07	7.9E-10	7.9E-10			2.7E-07
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	2.3E-19					9.8E-10	7.9E-09	8.7E-13	8.7E-13			8.9E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	7.4E-22					2.6E-15	6.0E-15	3.2E-16	3.2E-16			9.2E-15
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	2.0E-23					4.5E-16	1.0E-15	5.6E-17	5.6E-17			1.6E-15
Toluene												

Table H-621 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	4.5E-24					4.3E-16	2.6E-08	5.3E-17	5.3E-17			2.6E-08
Trichlorofluoromethane												
Vinyl chloride	4.9E-21					3.1E-13	7.2E-13	3.9E-14	3.9E-14			1.1E-12
Grand Total	4.5E-13	1.9E-07	9.9E-08	2.4E-07	2.0E-07	6.3E-07	5.8E-07	3.8E-09	3.8E-09	2.9E-10	8.7E-10	2.0E-06

Table H-622 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					3.3E-01	1.5E-04	7.9E-06	7.9E-06			3.3E-01
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.0E-02	2.0E-02					1.0E-04	4.2E-04	3.0E-02
Antimony	3.9E-14			9.4E-04	3.6E-03							4.5E-03

Table H-622 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	1.2E-03	7.7E-04	2.8E-03	3.6E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	4.6E-06	1.3E-05	8.6E-03
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				8.8E-02	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.2E-04	6.6E-04	2.2E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				3.2E-02	5.4E-02							8.6E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.1E-02	6.8E-02	7.9E-02
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.8E-02	3.5E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.0E-04	8.5E-04	6.5E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Thallium (Soluble Salts)					1.7E-02							1.7E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-622 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	1.1E-04	6.2E-06	6.2E-06			1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
Chlordecone (Kepone)		4.2E-03		5.0E-03								9.2E-03
DDE												
Dieldrin			2.0E-04		4.7E-04							6.7E-04
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.1E-02						1.1E-02
1,3-dichlorobenzene												

Table H-622 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.7E-03	1.1E-02					1.3E-02
p-Chloroaniline			8.2E-05		1.9E-04							2.8E-04
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	6.3E-03	1.4E-04	1.4E-04			6.5E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												

Table H-622 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.8E-03	9.0E-03	3.2E-04	3.2E-04			1.2E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromoform												
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.5E-03	3.9E-03	1.5E-04	1.5E-04			5.7E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					2.2E-04	8.1E-03	2.4E-05	2.4E-05			8.3E-03
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					2.7E-05	2.2E-04	2.4E-08	2.4E-08			2.5E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07

Table H-622 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					3.6E-09	2.2E-01	4.5E-10	4.5E-10			2.2E-01
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	5.0E-09	5.4E-03	1.0E-03	1.7E-01	2.6E-01	3.5E-01	2.7E-01	1.0E-03	1.0E-03	1.2E-02	6.9E-02	1.1E+00

Table H-623 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						4.5E-11	1.1E-10	5.7E-12	5.7E-12			1.6E-10
Formaldehyde						5.9E-07	7.3E-06	1.4E-11	1.4E-11			7.9E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	2.3E-17	2.3E-14	3.2E-14	9.1E-14	2.5E-13	4.6E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	8.0E-18	1.7E-11
1,2,3,4,6,7,8-HpCDF	2.2E-17	2.3E-14	3.3E-14	9.2E-14	2.6E-13	4.7E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	8.1E-18	1.7E-11
1,2,3,4,7,8,9-HpCDF	3.4E-18	2.7E-15	3.7E-15	1.1E-14	3.0E-14	5.9E-13	1.4E-12	7.4E-14	7.4E-14	1.5E-19	9.3E-19	2.1E-12
1,2,3,4,7,8-HxCDD	2.6E-16	2.6E-14	3.7E-14	1.0E-13	2.9E-13	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.5E-18	9.1E-18	2.0E-11
1,2,3,4,7,8-HxCDF	1.8E-15	2.1E-13	2.9E-13	8.2E-13	2.3E-12	4.5E-11	1.0E-10	5.6E-12	5.6E-12	1.2E-17	7.2E-17	1.6E-10
1,2,3,6,7,8-HxCDD	5.0E-16	5.3E-14	7.5E-14	2.1E-13	5.9E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.0E-18	1.9E-17	4.2E-11
1,2,3,6,7,8-HxCDF	6.6E-16	6.8E-14	9.5E-14	2.7E-13	7.5E-13	1.5E-11	3.4E-11	1.8E-12	1.8E-12	3.8E-18	2.4E-17	5.3E-11
1,2,3,7,8,9-HxCDD	7.2E-16	8.4E-14	1.2E-13	3.3E-13	9.3E-13	1.8E-11	4.1E-11	2.2E-12	2.2E-12	4.8E-18	2.9E-17	6.4E-11
1,2,3,7,8,9-HxCDF	5.3E-17	4.9E-15	6.8E-15	1.9E-14	5.4E-14	1.1E-12	2.6E-12	1.4E-13	1.4E-13	2.7E-19	1.7E-18	4.1E-12
1,2,3,7,8-PeCDD	1.4E-14	3.0E-13	4.1E-13	1.2E-12	3.3E-12	7.0E-11	1.6E-10	8.8E-12	8.8E-12	1.7E-17	1.0E-16	2.6E-10
1,2,3,7,8-PeCDF	9.6E-16	1.7E-14	2.4E-14	6.9E-14	1.9E-13	5.0E-12	1.2E-11	6.2E-13	6.2E-13	9.8E-19	6.0E-18	1.8E-11
2,3,4,6,7,8-HxCDF	9.5E-16	1.1E-13	1.5E-13	4.2E-13	1.2E-12	2.3E-11	5.2E-11	2.8E-12	2.8E-12	6.0E-18	3.7E-17	8.2E-11
2,3,4,7,8-PeCDF	1.5E-14	4.2E-13	5.8E-13	1.6E-12	4.6E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	2.4E-17	1.4E-16	4.1E-10
2,3,7,8-TCDD	4.6E-15	6.0E-14	8.4E-14	2.4E-13	6.6E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	2.4E-15	1.4E-14	1.0E-10
2,3,7,8-TCDF	1.5E-15	1.1E-14	1.5E-14	4.3E-14	1.2E-13	1.0E-11	2.4E-11	1.3E-12	1.3E-12	6.2E-19	3.8E-18	3.7E-11
OCDD	3.1E-21	1.6E-16	2.2E-16	6.2E-16	1.7E-15	3.1E-14	7.1E-14	3.8E-15	3.8E-15	8.8E-21	5.4E-20	1.1E-13
OCDF	1.1E-21	6.0E-17	8.4E-17	2.4E-16	6.6E-16	1.1E-14	2.6E-14	1.4E-15	1.4E-15	3.4E-21	2.1E-20	4.2E-14
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-623 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.7E-17	7.7E-09	9.8E-09	1.8E-08	4.6E-08	3.6E-11	8.4E-11	4.6E-12	4.6E-12	4.3E-12	2.4E-11	8.2E-08
Barium												
Beryllium						1.5E-12	3.4E-12	1.8E-13	1.8E-13	1.8E-21	1.1E-20	5.2E-12
Cadmium						1.9E-11	4.5E-11	2.4E-12	2.4E-12	1.0E-21	6.3E-21	6.9E-11
Chromium												
Cobalt						1.3E-09	2.9E-09	1.6E-10	1.6E-10	1.7E-10	5.2E-10	5.2E-09
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						1.3E-11	3.0E-11	1.6E-12	1.6E-12	1.0E-10	3.2E-10	4.6E-10
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		9.9E-20	1.4E-19	9.0E-20	2.5E-19							5.8E-19
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	6.4E-14	2.3E-10	2.6E-14	2.1E-10	4.8E-14	4.7E-12	1.1E-11	5.9E-13	5.9E-13	4.8E-13	2.9E-12	4.6E-10
Benzo(a)pyrene	3.2E-13	2.7E-09	1.2E-13	2.5E-09	2.2E-13	1.8E-11	4.3E-11	2.3E-12	2.3E-12	1.8E-14	3.6E-18	5.2E-09
Benzo(b)fluoranthene	8.7E-15	4.9E-10	7.0E-16	4.4E-10	1.3E-15	2.1E-12	4.8E-12	2.6E-13	2.6E-13	3.3E-15	2.1E-20	9.4E-10
Benzo(e)pyrene												

Table H-623 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	7.1E-18	3.7E-11	8.7E-17	3.3E-11	1.6E-16	1.8E-14	4.2E-14	2.3E-15	2.3E-15	2.5E-15	2.6E-20	7.0E-11
Biphenyl				3.8E-19	1.1E-18							1.4E-18
Chrysene	1.1E-16	2.8E-12	3.5E-16	2.6E-12	6.3E-16	8.0E-13	1.9E-12	1.0E-13	1.0E-13	1.9E-16	1.0E-19	8.3E-12
Dibenze(a,h)anthracene	1.6E-14	3.1E-14	4.4E-14	2.8E-14	8.0E-14	3.2E-12	7.3E-12	4.0E-13	4.0E-13	2.3E-19	1.4E-18	1.2E-11
Fluorene												
Indeno(1,2,3-cd)pyrene	4.0E-15	1.2E-10	1.2E-14	1.1E-10	2.2E-14	9.7E-13	2.2E-12	1.2E-13	1.2E-13	7.9E-16	3.6E-19	2.3E-10
Napthalene						7.2E-11	1.7E-10	9.0E-12	9.0E-12			2.6E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	6.1E-18	5.8E-19	8.1E-19	4.9E-19	1.4E-18	2.7E-14	6.1E-14	3.3E-15	3.3E-15	1.3E-20	8.0E-20	9.4E-14
Heptachlorobiphenyl	6.6E-18	1.9E-18	2.7E-18	1.6E-18	4.5E-18	1.0E-14	2.4E-14	1.3E-15	1.3E-15	2.3E-20	1.4E-19	3.7E-14
Hexachlorobiphenyl	2.7E-17	8.6E-18	1.2E-17	7.3E-18	2.0E-17	4.3E-14	1.0E-13	5.4E-15	5.4E-15	1.1E-19	6.5E-19	1.5E-13
Monochlorobiphenyl	4.3E-17	4.0E-18	5.6E-18	3.4E-18	9.5E-18	1.8E-13	4.3E-13	2.3E-14	2.3E-14	9.0E-20	5.6E-19	6.6E-13
Nonachlorobiphenyl	8.2E-19	3.4E-19	4.7E-19	2.8E-19	8.0E-19	1.5E-15	3.4E-15	1.8E-16	1.8E-16	4.1E-21	2.5E-20	5.2E-15
Octachlorobiphenyl	1.9E-18	6.2E-19	8.6E-19	5.2E-19	1.5E-18	3.2E-15	7.3E-15	4.0E-16	4.0E-16	7.6E-21	4.7E-20	1.1E-14
Pentachlorobiphenyl	8.8E-17	3.1E-17	4.3E-17	2.6E-17	7.3E-17	1.5E-13	3.4E-13	1.9E-14	1.9E-14	3.8E-19	2.3E-18	5.3E-13
Tetrachlorobiphenyl	1.8E-18	2.2E-19	3.1E-19	1.9E-19	5.2E-19	8.6E-15	2.0E-14	1.1E-15	1.1E-15	5.0E-21	3.1E-20	3.1E-14
Trichlorobiphenyl	2.4E-18	2.6E-19	3.7E-19	2.2E-19	6.3E-19	1.1E-14	2.5E-14	1.4E-15	1.4E-15	6.0E-21	3.7E-20	3.9E-14
Pesticides												
Chlordecone (Kepone)		1.8E-07		2.1E-07						4.8E-12		4.0E-07
DDE				1.0E-09	3.8E-10					9.0E-12	5.6E-11	1.4E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene								9.3E-09				9.3E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	7.1E-21							2.4E-13	5.5E-13	3.0E-14	3.0E-14	8.5E-13

Table H-623 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	9.8E-17	1.3E-15	1.9E-15	1.6E-15	4.4E-15	6.5E-12	1.5E-11	8.1E-13	8.1E-13	1.3E-20	8.2E-20	2.3E-11
Butyl benzyl phthalate	4.8E-18	8.8E-20	1.2E-19	1.0E-19	2.9E-19							5.4E-18
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	7.5E-18					1.4E-11	3.2E-11	1.7E-12	1.7E-12			5.0E-11
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	1.0E-21					1.4E-14	3.3E-14	1.8E-15	1.8E-15			5.1E-14
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	4.6E-19											4.6E-19
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	1.1E-20					5.9E-13	1.4E-12	7.4E-14	7.4E-14			2.1E-12
1,2-Dichloroethane	1.5E-20					1.0E-12	2.4E-12	3.7E-10	3.7E-10			7.5E-10
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												

Table H-623 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone												
Benzene	1.6E-18					9.4E-09	2.2E-10	1.1E-09	1.1E-09			1.2E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	2.8E-22					5.0E-14	1.2E-13	6.3E-15	6.3E-15			1.8E-13
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	1.3E-22					1.3E-08	4.3E-14	1.3E-09	1.3E-09			1.5E-08
Chlorobenzene												
Chlorodibromomethane	2.2E-20											2.2E-20
Chloroethane												
Chloroform	1.2E-21					7.1E-09	1.5E-12	7.9E-10	7.9E-10			8.7E-09
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	2.3E-19					9.8E-10	1.6E-11	8.7E-13	8.7E-13			1.0E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	7.4E-22					2.6E-15	6.0E-15	3.2E-16	3.2E-16			9.2E-15
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	2.0E-23					4.5E-16	1.0E-15	5.6E-17	5.6E-17			1.6E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	4.5E-24					4.3E-16	9.8E-16	5.3E-17	5.3E-17			1.5E-15

Table H-623 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane												
Vinyl chloride	4.9E-21					3.1E-13	7.2E-13	3.9E-14	3.9E-14			1.1E-12
Grand Total	4.5E-13	1.9E-07	9.8E-09	2.4E-07	4.7E-08	6.3E-07	7.4E-06	3.8E-09	3.8E-09	2.9E-10	9.1E-10	8.5E-06

Table H-624 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					3.3E-01	4.0E+00	7.9E-06	7.9E-06			4.4E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.0E-02	2.4E-02					1.0E-04	5.1E-04	3.5E-02
Antimony	3.9E-14			9.4E-04	1.2E-03							2.1E-03

Table H-624 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	1.2E-03	1.5E-03	2.8E-03	7.2E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	4.6E-06	2.6E-05	1.3E-02
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				8.8E-02	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.2E-04	6.7E-04	2.2E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				3.2E-02	5.7E-02							8.9E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.1E-02	6.8E-02	7.9E-02
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.8E-02	4.0E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.0E-04	9.5E-04	6.9E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Thallium (Soluble Salts)					1.4E-02							1.4E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-624 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
Chlordecone (Kepone)		4.2E-03		5.0E-03								9.2E-03
DDE												
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.1E-02						1.1E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09

Table H-624 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.7E-03						1.7E-03
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	9.1E-07	1.4E-04	1.4E-04			2.9E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												

Table H-624 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.8E-03	6.7E-05	3.2E-04	3.2E-04			3.5E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.5E-03	5.0E-09	1.5E-04	1.5E-04			1.8E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					2.2E-04	4.6E-08	2.4E-05	2.4E-05			2.7E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					2.7E-05	4.5E-07	2.4E-08	2.4E-08			2.8E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					3.6E-09	8.4E-09	4.5E-10	4.5E-10			1.3E-08

Table H-624 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	5.0E-09	5.4E-03	1.5E-03	1.7E-01	2.7E-01	3.5E-01	4.0E+00	1.0E-03	1.0E-03	1.2E-02	7.0E-02	4.9E+00

Table H-625 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						4.5E-11	1.1E-10	5.7E-12	5.7E-12			1.6E-10
Formaldehyde						5.9E-07	5.0E-06	1.4E-11	1.4E-11			5.6E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	2.3E-17	2.3E-14	3.2E-14	9.1E-14	2.5E-13	4.6E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	8.0E-18	1.7E-11
1,2,3,4,6,7,8-HpCDF	2.2E-17	2.3E-14	3.3E-14	9.2E-14	2.6E-13	4.7E-12	1.1E-11	5.8E-13	5.8E-13	1.3E-18	8.1E-18	1.7E-11
1,2,3,4,7,8,9-HpCDF	3.4E-18	2.7E-15	3.7E-15	1.1E-14	3.0E-14	5.9E-13	1.4E-12	7.4E-14	7.4E-14	1.5E-19	9.3E-19	2.1E-12
1,2,3,4,7,8-HxCDD	2.6E-16	2.6E-14	3.7E-14	1.0E-13	2.9E-13	5.5E-12	1.3E-11	6.9E-13	6.9E-13	1.5E-18	9.1E-18	2.0E-11
1,2,3,4,7,8-HxCDF	1.8E-15	2.1E-13	2.9E-13	8.2E-13	2.3E-12	4.5E-11	1.0E-10	5.6E-12	5.6E-12	1.2E-17	7.2E-17	1.6E-10
1,2,3,6,7,8-HxCDD	5.0E-16	5.3E-14	7.5E-14	2.1E-13	5.9E-13	1.2E-11	2.7E-11	1.5E-12	1.5E-12	3.0E-18	1.9E-17	4.2E-11
1,2,3,6,7,8-HxCDF	6.6E-16	6.8E-14	9.5E-14	2.7E-13	7.5E-13	1.5E-11	3.4E-11	1.8E-12	1.8E-12	3.8E-18	2.4E-17	5.3E-11
1,2,3,7,8,9-HxCDD	7.2E-16	8.4E-14	1.2E-13	3.3E-13	9.3E-13	1.8E-11	4.1E-11	2.2E-12	2.2E-12	4.8E-18	2.9E-17	6.4E-11
1,2,3,7,8,9-HxCDF	5.3E-17	4.9E-15	6.8E-15	1.9E-14	5.4E-14	1.1E-12	2.6E-12	1.4E-13	1.4E-13	2.7E-19	1.7E-18	4.1E-12
1,2,3,7,8-PeCDD	1.4E-14	3.0E-13	4.1E-13	1.2E-12	3.3E-12	7.0E-11	1.6E-10	8.8E-12	8.8E-12	1.7E-17	1.0E-16	2.6E-10
1,2,3,7,8-PeCDF	9.6E-16	1.7E-14	2.4E-14	6.9E-14	1.9E-13	5.0E-12	1.2E-11	6.2E-13	6.2E-13	9.8E-19	6.0E-18	1.8E-11
2,3,4,6,7,8-HxCDF	9.5E-16	1.1E-13	1.5E-13	4.2E-13	1.2E-12	2.3E-11	5.2E-11	2.8E-12	2.8E-12	6.0E-18	3.7E-17	8.2E-11
2,3,4,7,8-PeCDF	1.5E-14	4.2E-13	5.8E-13	1.6E-12	4.6E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	2.4E-17	1.4E-16	4.1E-10
2,3,7,8-TCDD	4.6E-15	6.0E-14	8.4E-14	2.4E-13	6.6E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	2.4E-15	1.4E-14	1.0E-10
2,3,7,8-TCDF	1.5E-15	1.1E-14	1.5E-14	4.3E-14	1.2E-13	1.0E-11	2.4E-11	1.3E-12	1.3E-12	6.2E-19	3.8E-18	3.7E-11
OCDD	3.1E-21	1.6E-16	2.2E-16	6.2E-16	1.7E-15	3.1E-14	7.1E-14	3.8E-15	3.8E-15	8.8E-21	5.4E-20	1.1E-13
OCDF	1.1E-21	6.0E-17	8.4E-17	2.4E-16	6.6E-16	1.1E-14	2.6E-14	1.4E-15	1.4E-15	3.4E-21	2.1E-20	4.2E-14
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-625 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.7E-17	7.7E-09	3.9E-09	1.8E-08	1.8E-08	3.6E-11	8.4E-11	4.6E-12	4.6E-12	4.3E-12	9.5E-12	4.8E-08
Barium												
Beryllium						1.5E-12	3.4E-12	1.8E-13	1.8E-13	1.8E-21	1.1E-20	5.2E-12
Cadmium						1.9E-11	4.5E-11	2.4E-12	2.4E-12	1.0E-21	6.3E-21	6.9E-11
Chromium												
Cobalt						1.3E-09	2.9E-09	1.6E-10	1.6E-10	1.7E-10	8.8E-10	5.5E-09
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						1.3E-11	3.0E-11	1.6E-12	1.6E-12	1.0E-10	5.3E-10	6.8E-10
Phosphorus												
Selenium												
Silver												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		9.9E-20	1.4E-19	9.0E-20	2.5E-19							5.8E-19
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	6.4E-14	2.3E-10	2.6E-14	2.1E-10	4.8E-14	4.7E-12	1.1E-11	5.9E-13	5.9E-13	4.8E-13	2.9E-12	4.6E-10
Benzo(a)pyrene	3.2E-13	2.7E-09	1.4E-08	2.5E-09	2.5E-08	1.8E-11	4.3E-11	2.3E-12	2.3E-12	1.8E-14	4.1E-13	4.4E-08
Benzo(b)fluoranthene	8.7E-15	4.9E-10	1.2E-09	4.4E-10	2.3E-09	2.1E-12	4.8E-12	2.6E-13	2.6E-13	3.3E-15	3.7E-14	4.4E-09
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-625 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene	7.1E-18	3.7E-11	8.7E-17	3.3E-11	1.6E-16	1.8E-14	4.2E-14	2.3E-15	2.3E-15	2.5E-15	2.6E-20	7.0E-11		
Biphenyl				3.8E-19	1.1E-18									1.4E-18
Chrysene	1.1E-16	2.8E-12	3.5E-16	2.6E-12	6.3E-16	8.0E-13	1.9E-12	1.0E-13	1.0E-13	1.9E-16	1.0E-19	8.3E-12		
Dibenze(a,h)anthracene	1.6E-14	3.1E-14	4.4E-14	2.8E-14	8.0E-14	3.2E-12	7.3E-12	4.0E-13	4.0E-13	2.3E-19	1.4E-18	1.2E-11		
Fluoranthene														
Fluorene														
Indeno(1,2,3-cd)pyrene	4.0E-15	1.2E-10	1.2E-14	1.1E-10	2.2E-14	9.7E-13	2.2E-12	1.2E-13	1.2E-13	7.9E-16	3.6E-19	2.3E-10		
Napthalene						7.2E-11	1.7E-10	9.0E-12	9.0E-12					2.6E-10
Perylene														
Phenanthrene														
Pyrene														
Particulate														
Particulate Total Suspended Particulate														
PM<10														
PM<2.5														
PCBs														
Dichlorobiphenyl	6.1E-18	5.8E-19	8.1E-19	4.9E-19	1.4E-18	2.7E-14	6.1E-14	3.3E-15	3.3E-15	1.3E-20	8.0E-20	9.4E-14		
Heptachlorobiphenyl	6.6E-18	1.9E-18	2.7E-18	1.6E-18	4.5E-18	1.0E-14	2.4E-14	1.3E-15	1.3E-15	2.3E-20	1.4E-19	3.7E-14		
Hexachlorobiphenyl	2.7E-17	8.6E-18	1.2E-17	7.3E-18	2.0E-17	4.3E-14	1.0E-13	5.4E-15	5.4E-15	1.1E-19	6.5E-19	1.5E-13		
Monochlorobiphenyl	4.3E-17	4.0E-18	5.6E-18	3.4E-18	9.5E-18	1.8E-13	4.3E-13	2.3E-14	2.3E-14	9.0E-20	5.6E-19	6.6E-13		
Nonachlorobiphenyl	8.2E-19	3.4E-19	4.7E-19	2.8E-19	8.0E-19	1.5E-15	3.4E-15	1.8E-16	1.8E-16	4.1E-21	2.5E-20	5.2E-15		
Octachlorobiphenyl	1.9E-18	6.2E-19	8.6E-19	5.2E-19	1.5E-18	3.2E-15	7.3E-15	4.0E-16	4.0E-16	7.6E-21	4.7E-20	1.1E-14		
Pentachlorobiphenyl	8.8E-17	3.1E-17	4.3E-17	2.6E-17	7.3E-17	1.5E-13	3.4E-13	1.9E-14	1.9E-14	3.8E-19	2.3E-18	5.3E-13		
Tetrachlorobiphenyl	1.8E-18	2.2E-19	3.1E-19	1.9E-19	5.2E-19	8.6E-15	2.0E-14	1.1E-15	1.1E-15	5.0E-21	3.1E-20	3.1E-14		
Trichlorobiphenyl	2.4E-18	2.6E-19	3.7E-19	2.2E-19	6.3E-19	1.1E-14	2.5E-14	1.4E-15	1.4E-15	6.0E-21	3.7E-20	3.9E-14		
Pesticides														
Chlordecone (Kepone)		1.8E-07		2.1E-07						4.8E-12		4.0E-07		
DDE				1.0E-09	1.3E-09					9.0E-12	5.6E-11	2.4E-09		
SVOCs														
1,2,4-trichlorobenzene														
1,2-dichlorobenzene														
1,3-Butadiene							9.3E-09							9.3E-09
1,3-dichlorobenzene														
1,4-dichlorobenzene	7.1E-21						2.4E-13	5.5E-13	3.0E-14	3.0E-14				8.5E-13
2,4-Dimethylphenol														

Table H-625 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	9.8E-17	1.3E-15	1.9E-15	1.6E-15	4.4E-15	6.5E-12	1.5E-11	8.1E-13	8.1E-13	1.3E-20	8.2E-20	2.3E-11
Butyl benzyl phthalate	4.8E-18	8.8E-20	1.2E-19	1.0E-19	2.9E-19							5.4E-18
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	7.5E-18					1.4E-11	3.2E-11	1.7E-12	1.7E-12			5.0E-11
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	1.0E-21					1.4E-14	3.3E-14	1.8E-15	1.8E-15			5.1E-14
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	4.6E-19											4.6E-19
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	1.1E-20					5.9E-13	1.4E-12	7.4E-14	7.4E-14			2.1E-12
1,2-Dichloroethane	1.5E-20					1.0E-12	2.4E-12	3.7E-10	3.7E-10			7.5E-10
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-625 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	1.6E-18					9.4E-09	2.2E-10	1.1E-09	1.1E-09			1.2E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	2.8E-22					5.0E-14	1.2E-13	6.3E-15	6.3E-15			1.8E-13
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	1.3E-22					1.3E-08	4.3E-14	1.3E-09	1.3E-09			1.5E-08
Chlorobenzene												
Chlorodibromomethane	2.2E-20											2.2E-20
Chloroethane												
Chloroform	1.2E-21					7.1E-09	1.5E-12	7.9E-10	7.9E-10			8.7E-09
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	2.3E-19					9.8E-10	1.6E-11	8.7E-13	8.7E-13			1.0E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	7.4E-22					2.6E-15	6.0E-15	3.2E-16	3.2E-16			9.2E-15
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	2.0E-23					4.5E-16	1.0E-15	5.6E-17	5.6E-17			1.6E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	4.5E-24					4.3E-16	9.8E-16	5.3E-17	5.3E-17			1.5E-15
Trichlorofluoromethane												

Table H-625 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Vinyl chloride	4.9E-21					3.1E-13	7.2E-13	3.9E-14	3.9E-14			1.1E-12
Grand Total	4.5E-13	1.9E-07	1.9E-08	2.4E-07	4.7E-08	6.3E-07	5.0E-06	3.8E-09	3.8E-09	2.9E-10	1.5E-09	6.1E-06

Table H-626 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					3.3E-01	2.7E+00	7.9E-06	7.9E-06			3.1E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.0E-02	1.9E-02					1.0E-04	4.1E-04	3.0E-02
Antimony	3.9E-14			9.4E-04	4.2E-04							1.4E-03

Table H-626 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	1.2E-03	6.1E-04	2.8E-03	2.9E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	4.6E-06	1.0E-05	7.7E-03
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				8.8E-02	2.1E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.2E-04	1.1E-03	3.1E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				3.2E-02	6.2E-02							9.4E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.1E-02	6.8E-02	7.9E-02
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.8E-02	6.6E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.0E-04	1.6E-03	9.6E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-626 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	1.1E-04	6.2E-06	6.2E-06			1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
Chlordecone (Kepone)		4.2E-03		5.0E-03								9.2E-03
DDE												
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.1E-02						1.1E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-626 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.7E-03						1.7E-03
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	9.1E-07	1.4E-04	1.4E-04			2.9E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07

Table H-626 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					2.8E-03	6.7E-05	3.2E-04	3.2E-04			3.5E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.5E-03	5.0E-09	1.5E-04	1.5E-04			1.8E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					2.2E-04	4.6E-08	2.4E-05	2.4E-05			2.7E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					2.7E-05	4.5E-07	2.4E-08	2.4E-08			2.8E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					3.6E-09	8.4E-09	4.5E-10	4.5E-10			1.3E-08
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-626 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	5.0E-09	5.4E-03	6.1E-04	1.7E-01	3.6E-01	3.5E-01	2.8E+00	1.0E-03	1.0E-03	1.2E-02	7.1E-02	3.7E+00

Table H-627 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						4.5E-11	1.6E-09	5.7E-12	5.4E-10			2.2E-09
Formaldehyde						5.9E-07	3.8E-09	1.4E-11	1.3E-09			6.0E-07
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	2.3E-17	2.3E-14	4.3E-13	9.1E-14	3.4E-12	4.6E-12	1.8E-10	5.8E-13	6.1E-11	1.3E-18	1.1E-16	2.5E-10
1,2,3,4,6,7,8-HpCDF	2.2E-17	2.3E-14	4.3E-13	9.2E-14	3.4E-12	4.7E-12	1.8E-10	5.8E-13	6.2E-11	1.3E-18	1.1E-16	2.6E-10
1,2,3,4,7,8,9-HpCDF	3.4E-18	2.7E-15	5.2E-14	1.1E-14	4.1E-13	5.9E-13	2.4E-11	7.4E-14	8.0E-12	1.5E-19	1.3E-17	3.3E-11
1,2,3,4,7,8-HxCDD	2.6E-16	2.6E-14	5.1E-13	1.0E-13	4.0E-12	5.5E-12	2.2E-10	6.9E-13	7.4E-11	1.5E-18	1.3E-16	3.1E-10
1,2,3,4,7,8-HxCDF	1.8E-15	2.1E-13	4.0E-12	8.2E-13	3.2E-11	4.5E-11	1.8E-09	5.6E-12	6.0E-10	1.2E-17	1.0E-15	2.5E-09
1,2,3,6,7,8-HxCDD	5.0E-16	5.3E-14	1.0E-12	2.1E-13	8.2E-12	1.2E-11	4.7E-10	1.5E-12	1.6E-10	3.0E-18	2.6E-16	6.5E-10
1,2,3,6,7,8-HxCDF	6.6E-16	6.8E-14	1.3E-12	2.7E-13	1.0E-11	1.5E-11	5.9E-10	1.8E-12	2.0E-10	3.8E-18	3.3E-16	8.2E-10
1,2,3,7,8,9-HxCDD	7.2E-16	8.4E-14	1.6E-12	3.3E-13	1.3E-11	1.8E-11	7.1E-10	2.2E-12	2.4E-10	4.8E-18	4.0E-16	9.9E-10
1,2,3,7,8,9-HxCDF	5.3E-17	4.9E-15	9.5E-14	1.9E-14	7.5E-13	1.1E-12	4.6E-11	1.4E-13	1.5E-11	2.7E-19	2.4E-17	6.3E-11
1,2,3,7,8-PeCDD	1.4E-14	3.0E-13	5.8E-12	1.2E-12	4.6E-11	7.0E-11	2.9E-09	8.8E-12	9.5E-10	1.7E-17	1.4E-15	4.0E-09
1,2,3,7,8-PeCDF	9.6E-16	1.7E-14	3.4E-13	6.9E-14	2.7E-12	5.0E-12	2.0E-10	6.2E-13	6.8E-11	9.8E-19	8.5E-17	2.8E-10
2,3,4,6,7,8-HxCDF	9.5E-16	1.1E-13	2.0E-12	4.2E-13	1.6E-11	2.3E-11	9.0E-10	2.8E-12	3.0E-10	6.0E-18	5.0E-16	1.2E-09
2,3,4,7,8-PeCDF	1.5E-14	4.2E-13	8.2E-12	1.6E-12	6.5E-11	1.1E-10	4.6E-09	1.4E-11	1.5E-09	2.4E-17	2.0E-15	6.3E-09
2,3,7,8-TCDD	4.6E-15	6.0E-14	8.7E-13	2.4E-13	6.8E-12	2.8E-11	9.4E-10	3.5E-12	3.1E-10	2.4E-15	1.5E-13	1.3E-09
2,3,7,8-TCDF	1.5E-15	1.1E-14	2.2E-13	4.3E-14	1.7E-12	1.0E-11	4.3E-10	1.3E-12	1.4E-10	6.2E-19	5.4E-17	5.8E-10
OCDD	3.1E-21	1.6E-16	2.9E-15	6.2E-16	2.3E-14	3.1E-14	1.2E-12	3.8E-15	4.0E-13	8.8E-21	7.1E-19	1.7E-12
OCDF	1.1E-21	6.0E-17	1.1E-15	2.4E-16	8.5E-15	1.1E-14	4.5E-13	1.4E-15	1.5E-13	3.4E-21	2.7E-19	6.2E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-627 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.7E-17	7.7E-09	1.0E-18	1.8E-08	4.9E-18	3.6E-11	1.3E-09	4.6E-12	4.3E-10	4.3E-12	2.5E-21	2.8E-08
Barium												
Beryllium						1.5E-12	5.0E-11	1.8E-13	1.7E-11	1.8E-21	1.5E-19	6.8E-11
Cadmium						1.9E-11	6.8E-10	2.4E-12	2.3E-10	1.0E-21	8.7E-20	9.3E-10
Chromium												
Cobalt						1.3E-09	2.3E-08	1.6E-10	7.7E-09	1.7E-10	1.2E-13	3.2E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						1.3E-11	4.4E-10	1.6E-12	1.5E-10	1.0E-10	6.2E-20	7.1E-10
Phosphorus												
Selenium												
Silver												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		9.9E-20	2.0E-18	9.0E-20	3.7E-18							5.9E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	6.4E-14	2.3E-10	4.2E-13	2.1E-10	7.6E-13	4.7E-12	2.0E-10	5.9E-13	6.8E-11	4.8E-13	3.8E-15	7.2E-10
Benzo(a)pyrene	3.2E-13	2.7E-09	1.8E-12	2.5E-09	3.2E-12	1.8E-11	7.7E-10	2.3E-12	2.6E-10	1.8E-14	5.2E-17	6.2E-09
Benzo(b)fluoranthene	8.7E-15	4.9E-10	9.6E-15	4.4E-10	1.7E-14	2.1E-12	8.3E-11	2.6E-13	2.8E-11	3.3E-15	2.8E-19	1.0E-09
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-627 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Outdoor Vapors at CJ	Inhalation of Outdoor Vapors at Home	Grand Total
Benzo(k)fluoranthene	7.1E-18	3.7E-11	5.7E-16	3.3E-11	1.0E-15	1.8E-14	3.3E-13	2.3E-15	1.1E-13	2.5E-15	1.7E-19	7.1E-11
Biphenyl				3.8E-19	1.6E-17							1.6E-17
Chrysene	1.1E-16	2.8E-12	5.0E-15	2.6E-12	9.1E-15	8.0E-13	3.3E-11	1.0E-13	1.1E-11	1.9E-16	1.5E-18	5.1E-11
Dibenze(a,h)anthracene	1.6E-14	3.1E-14	6.2E-13	2.8E-14	1.1E-12	3.2E-12	1.3E-10	4.0E-13	4.4E-11	2.3E-19	2.0E-17	1.8E-10
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	4.0E-15	1.2E-10	1.7E-13	1.1E-10	3.2E-13	9.7E-13	4.0E-11	1.2E-13	1.3E-11	7.9E-16	5.1E-18	2.8E-10
Napthalene						7.2E-11	3.0E-09	9.0E-12	1.0E-09			4.1E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	6.1E-18	5.8E-19	1.1E-17	4.9E-19	1.9E-17	2.7E-14	1.1E-12	3.3E-15	3.6E-13	1.3E-20	1.1E-18	1.5E-12
Heptachlorobiphenyl	6.6E-18	1.9E-18	3.7E-17	1.6E-18	6.2E-17	1.0E-14	4.2E-13	1.3E-15	1.4E-13	2.3E-20	2.0E-18	5.7E-13
Hexachlorobiphenyl	2.7E-17	8.6E-18	1.5E-16	7.3E-18	2.6E-16	4.3E-14	1.7E-12	5.4E-15	5.6E-13	1.1E-19	8.4E-18	2.3E-12
Monochlorobiphenyl	4.3E-17	4.0E-18	8.0E-17	3.4E-18	1.4E-16	1.8E-13	7.6E-12	2.3E-14	2.5E-12	9.0E-20	7.9E-18	1.0E-11
Nonachlorobiphenyl	8.2E-19	3.4E-19	5.2E-18	2.8E-19	8.9E-18	1.5E-15	5.2E-14	1.8E-16	1.7E-14	4.1E-21	2.8E-19	7.1E-14
Octachlorobiphenyl	1.9E-18	6.2E-19	1.1E-17	5.2E-19	1.9E-17	3.2E-15	1.2E-13	4.0E-16	4.1E-14	7.6E-21	6.1E-19	1.7E-13
Pentachlorobiphenyl	8.8E-17	3.1E-17	5.3E-16	2.6E-17	9.0E-16	1.5E-13	5.6E-12	1.9E-14	1.9E-12	3.8E-19	2.9E-17	7.7E-12
Tetrachlorobiphenyl	1.8E-18	2.2E-19	3.7E-18	1.9E-19	6.3E-18	8.6E-15	3.2E-13	1.1E-15	1.1E-13	5.0E-21	3.7E-19	4.4E-13
Trichlorobiphenyl	2.4E-18	2.6E-19	4.7E-18	2.2E-19	8.0E-18	1.1E-14	4.2E-13	1.4E-15	1.4E-13	6.0E-21	4.7E-19	5.8E-13
Pesticides												
Chlordecone (Kepone)		1.8E-07		2.1E-07						4.8E-12		4.0E-07
DDE				1.0E-09						9.0E-12		1.0E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene							9.3E-09					9.3E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	7.1E-21						2.4E-13	1.1E-11	3.0E-14	3.6E-12		1.5E-11
2,4-Dimethylphenol												

Table H-627 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	9.8E-17	1.3E-15	2.4E-14	1.6E-15	5.7E-14	6.5E-12	2.5E-10	8.1E-13	8.5E-11	1.3E-20	1.1E-18	3.5E-10
Butyl benzyl phthalate	4.8E-18	8.8E-20	1.8E-18	1.0E-19	4.3E-18							1.1E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	7.5E-18					1.4E-11	2.5E-10	1.7E-12	8.3E-11			3.5E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	1.0E-21					1.4E-14	4.8E-13	1.8E-15	1.6E-13			6.6E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	4.6E-19											4.6E-19
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	1.1E-20					5.9E-13	1.1E-11	7.4E-14	3.5E-12			1.5E-11
1,2-Dichloroethane	1.5E-20					1.0E-12	3.9E-11	3.7E-10	1.3E-11			4.2E-10
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-627 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	1.6E-18					9.4E-09	3.8E-09	1.1E-09	1.3E-09			1.6E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	2.8E-22					5.0E-14	9.0E-13	6.3E-15	3.0E-13			1.3E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	1.3E-22					1.3E-08	3.3E-13	1.3E-09	1.1E-13			1.4E-08
Chlorobenzene												
Chlorodibromomethane	2.2E-20											2.2E-20
Chloroethane												
Chloroform	1.2E-21					7.1E-09	1.3E-11	7.9E-10	4.2E-12			7.9E-09
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	2.3E-19					9.8E-10	2.6E-10	8.7E-13	8.8E-11			1.3E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	7.4E-22					2.6E-15	9.5E-14	3.2E-16	3.2E-14			1.3E-13
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	2.0E-23					4.5E-16	1.6E-14	5.6E-17	5.2E-15			2.1E-14
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	4.5E-24					4.3E-16	7.6E-15	5.3E-17	2.5E-15			1.1E-14
Trichlorofluoromethane												

Table H-627 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Vinyl chloride	4.9E-21					3.1E-13	7.6E-12	3.9E-14	2.5E-12			1.0E-11
Grand Total	4.5E-13	1.9E-07	3.0E-11	2.4E-07	2.2E-10	6.3E-07	5.4E-08	3.8E-09	1.8E-08	2.9E-10	2.8E-13	1.1E-06

Table H-628 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	1.5E-03	5.2E-06	5.0E-04			2.0E-03
Aldehydes												
Acetaldehyde						1.6E-04	5.8E-03	2.0E-05	1.9E-03			7.9E-03
Formaldehyde	2.3E-12					3.3E-01	2.1E-03	7.9E-06	6.9E-04			3.3E-01
Propionaldehyde						2.0E-05	7.2E-04	2.5E-06	2.4E-04	2.1E-12	1.5E-10	9.8E-04
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-06	3.1E-07	9.0E-06	1.3E-06	4.3E-05	1.6E-07	1.4E-05	1.8E-10	1.2E-08	7.0E-05
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	7.7E-03	2.5E-05	2.6E-03			1.1E-02
Metals												
Aluminum				1.0E-02						1.0E-04		1.0E-02
Antimony	3.9E-14			9.4E-04								9.4E-04

Table H-628 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	1.2E-03	1.6E-13	2.8E-03	7.6E-13	4.0E-05	1.4E-03	4.9E-06	4.7E-04	4.6E-06	2.7E-15	5.9E-03
Barium	1.4E-11			2.2E-08	7.5E-07	2.5E-04	6.8E-03	3.1E-05	2.3E-03	4.3E-10	3.2E-08	9.3E-03
Beryllium	1.7E-14			5.2E-13	2.0E-11	2.1E-06	7.3E-05	2.7E-07	2.4E-05	2.6E-15	2.1E-13	9.9E-05
Cadmium	8.3E-12			8.2E-13	3.1E-11	7.6E-05	2.6E-03	9.5E-06	8.8E-04	4.0E-15	3.4E-13	3.6E-03
Chromium	1.9E-15			6.4E-11	2.5E-09							2.6E-09
Cobalt				8.8E-02	4.7E-05	1.6E-03	3.0E-02	2.0E-04	9.9E-03	2.2E-04	2.6E-07	1.3E-01
Copper				1.1E-08	4.3E-07							4.4E-07
Iron				3.2E-02								3.2E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.6E-09	7.8E-08	2.8E-06	9.8E-09	9.2E-07	1.0E-14	7.1E-13	3.8E-06
Mercury, elemental						3.3E-10	1.2E-08	4.1E-11	3.8E-09	1.1E-02		1.1E-02
Methyl Mercury	1.3E-10			3.8E-11	1.5E-09							1.6E-09
Nickel	1.7E-13			2.8E-02	7.8E-12	3.9E-05	1.3E-03	4.8E-06	4.4E-04	3.0E-04	1.9E-13	3.0E-02
Phosphorus				3.7E-10	1.4E-08							1.4E-08
Selenium	5.5E-14			8.1E-15	3.1E-13	8.7E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-20	8.4E-18	4.2E-07
Silver	4.2E-14			1.7E-10	6.3E-09							6.5E-09
Titanium												
Zinc	1.4E-11			6.1E-13	2.2E-11							3.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	6.9E-14	3.1E-15	1.3E-13							2.0E-13
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	1.2E-12	5.2E-14	2.1E-12							3.4E-12
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-628 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	2.8E-13	2.8E-04	1.2E-02	3.5E-05	3.9E-03	4.9E-12	4.5E-10	1.6E-02
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	3.4E-11	1.5E-12	6.3E-11							1.1E-10
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	2.1E-03	6.2E-06	6.9E-04			2.8E-03
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.9E-10	8.5E-12	3.5E-10							5.6E-10
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.8E-10	1.2E-11	4.7E-10							8.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	1.1E-10	4.9E-12	1.9E-10	9.8E-10	3.9E-08	1.2E-10	1.3E-08	3.8E-15	3.3E-13	5.4E-08
Hexachlorobiphenyl	4.7E-11	2.6E-11	4.7E-10	2.2E-11	8.0E-10	4.1E-06	1.6E-04	5.1E-07	5.3E-05	1.7E-11	1.4E-09	2.2E-04
Monochlorobiphenyl	6.1E-10	9.8E-11	2.0E-09	8.3E-11	3.3E-09							6.0E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.6E-11	8.6E-13	2.7E-11							4.6E-11
Octachlorobiphenyl	3.4E-12	1.9E-12	3.4E-11	1.6E-12	5.8E-11							9.9E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.6E-09	8.0E-11	2.7E-09	4.6E-05	1.7E-03	5.7E-06	5.7E-04	2.0E-10	1.5E-08	2.3E-03
Tetrachlorobiphenyl	2.6E-11	5.4E-12	9.1E-11	4.5E-12	1.5E-10	2.3E-07	8.7E-06	2.9E-08	2.9E-06	2.3E-13	1.7E-11	1.2E-05
Trichlorobiphenyl	3.4E-11	6.5E-12	1.2E-10	5.5E-12	2.0E-10							3.6E-10
Pesticides												
Chlordecone (Kepone)		4.2E-03		5.0E-03								9.2E-03
DDE												
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	4.3E-06	1.7E-08	1.4E-06			5.9E-06
1,2-dichlorobenzene	3.1E-17					5.4E-10	9.7E-09	6.8E-11	3.2E-09			1.4E-08
1,3-Butadiene						1.1E-02						1.1E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	8.5E-08	2.4E-10	2.8E-08			1.2E-07
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-628 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	3.9E-06	1.2E-08	1.3E-06			5.3E-06
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	6.0E-09	4.0E-10	1.4E-08							2.1E-08
Butyl benzyl phthalate	8.8E-13	1.6E-14	3.3E-13	1.9E-14	7.9E-13							2.0E-12
Carbazole												
Dibenzofuran		1.4E-13	2.9E-12	5.7E-13	2.3E-11							2.6E-11
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	6.7E-13	3.9E-14	1.6E-12							1.9E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	8.7E-12	1.1E-12	2.1E-11							3.1E-11
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol								1.7E-03				1.7E-03
Phenol	4.9E-13					1.5E-06	6.2E-05	1.9E-07	2.1E-05			8.5E-05
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	1.0E-09	3.3E-12	3.3E-10			1.4E-09
1,1-Dichloroethene	1.2E-19					1.3E-10	2.3E-09	1.6E-11	7.7E-10			3.2E-09
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	6.4E-06	4.5E-08	2.1E-06			9.0E-06
1,2,4-Trimethylbenzene						8.9E-07	2.8E-05	1.1E-07	9.4E-06			3.9E-05
1,2-Dibromoethane	4.1E-17					7.7E-09	1.4E-07	9.6E-10	4.6E-08			1.9E-07
1,2-Dichloroethane	1.9E-15					4.0E-07	1.5E-05	1.4E-04	5.0E-06			1.6E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	2.6E-07	8.3E-10	8.7E-08			3.6E-07
2-Chlorotoluene												
2-Hexanone						2.3E-07	8.2E-06	2.8E-08	2.7E-06			1.1E-05

Table H-628 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					2.8E-03	1.1E-03	3.2E-04	3.8E-04			4.7E-03
Bromobenzene						6.2E-07	1.1E-05	7.8E-08	3.7E-06			1.5E-05
Bromochloromethane						2.2E-09	3.9E-08	2.8E-10	1.3E-08			5.5E-08
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	2.3E-05	9.5E-08	7.6E-06			3.1E-05
Carbon disulfide	1.3E-17					4.8E-09	1.4E-07	6.0E-10	4.7E-08			1.9E-07
Carbon tetrachloride	3.4E-17					1.5E-03	3.9E-08	1.5E-04	1.3E-08			1.6E-03
Chlorobenzene	2.3E-15					9.6E-08	3.4E-06	1.2E-08	1.1E-06			4.7E-06
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	3.2E-08	1.1E-10	1.1E-08			4.3E-08
Chloroform	2.8E-16					2.2E-04	3.9E-07	2.4E-05	1.3E-07			2.5E-04
Chloromethane						3.4E-07	1.0E-05	4.3E-08	3.5E-06			1.4E-05
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	9.1E-07	6.4E-09	3.0E-07			1.3E-06
Dichlorodifluoromethane	2.4E-20					2.5E-09	4.4E-08	3.1E-10	1.5E-08			6.2E-08
Ethylbenzene	1.5E-14					2.7E-05	7.4E-06	2.4E-08	2.5E-06			3.7E-05
Isopropylbenzene	2.0E-17					3.9E-08	1.3E-06	4.9E-09	4.5E-07			1.8E-06
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.1E-09	1.5E-11	7.1E-10			3.0E-09
Methylene chloride	4.3E-15					3.0E-08	1.1E-06	3.8E-09	3.7E-07			1.5E-06
n-Butylbenzene												
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07			4.2E-07
o-Xylene	1.4E-15					2.3E-07	7.6E-06	2.9E-08	2.5E-06			1.0E-05
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.9E-05	6.4E-08	6.2E-06			2.5E-05
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	1.1E-07	3.8E-10	3.5E-08			1.4E-07
Toluene	2.0E-14					6.3E-08	2.5E-06	7.9E-09	8.3E-07			3.4E-06
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					3.6E-09	6.5E-08	4.5E-10	2.2E-08			9.0E-08
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-628 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					5.0E-08	1.2E-06	6.2E-09	4.0E-07			1.7E-06
Grand Total	5.0E-09	5.4E-03	1.1E-06	1.7E-01	5.8E-05	3.5E-01	7.7E-02	1.0E-03	2.6E-02	1.2E-02	3.2E-07	6.3E-01

Table H-629 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			1.5E-09	1.9E-10		1.7E-09
Formaldehyde			3.3E-09	4.1E-10		3.7E-09
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	6.8E-13	2.7E-12	1.8E-10	2.2E-11	3.9E-17	2.0E-10
1,2,3,4,6,7,8-HpCDF	6.8E-13	2.7E-12	1.8E-10	2.2E-11	3.8E-17	2.0E-10
1,2,3,4,7,8,9-HpCDF	8.4E-14	3.3E-13	2.3E-11	2.9E-12	4.7E-18	2.6E-11
1,2,3,4,7,8-HxCDD	8.1E-13	3.2E-12	2.1E-10	2.7E-11	4.6E-17	2.5E-10
1,2,3,4,7,8-HxCDF	6.4E-12	2.5E-11	1.7E-09	2.2E-10	3.6E-16	2.0E-09
1,2,3,6,7,8-HxCDD	1.7E-12	6.5E-12	4.5E-10	5.7E-11	9.4E-17	5.2E-10
1,2,3,6,7,8-HxCDF	2.1E-12	8.4E-12	5.7E-10	7.1E-11	1.2E-16	6.5E-10
1,2,3,7,8,9-HxCDD	2.6E-12	1.0E-11	6.9E-10	8.6E-11	1.5E-16	7.8E-10
1,2,3,7,8,9-HxCDF	1.5E-13	6.1E-13	4.4E-11	5.5E-12	8.7E-18	5.0E-11
1,2,3,7,8-PeCDD	9.3E-12	3.7E-11	2.8E-09	3.4E-10	5.3E-16	3.1E-09

Table H-629 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	5.5E-13	2.2E-12	2.0E-10	2.5E-11	3.1E-17	2.2E-10
2,3,4,6,7,8-HxCDF	3.2E-12	1.3E-11	8.6E-10	1.1E-10	1.8E-16	9.9E-10
2,3,4,7,8-PeCDF	1.3E-11	5.2E-11	4.4E-09	5.5E-10	7.4E-16	5.0E-09
2,3,7,8-TCDD	1.2E-12	4.7E-12	8.3E-10	1.0E-10	4.7E-14	9.4E-10
2,3,7,8-TCDF	3.6E-13	1.4E-12	4.1E-10	5.2E-11	2.0E-17	4.7E-10
OCDD	4.5E-15	1.8E-14	1.1E-12	1.4E-13	2.5E-19	1.3E-12
OCDF	1.7E-15	6.6E-15	4.2E-13	5.3E-14	9.4E-20	4.8E-13
HCN						
Hydrogen cyanide						
Metals						
Antimony						
Arsenic	1.3E-18	3.0E-18	1.2E-09	1.5E-10	7.0E-22	1.3E-09
Barium						
Beryllium			4.4E-11	5.5E-12	3.9E-20	5.0E-11
Cadmium			6.2E-10	7.7E-11	2.4E-20	6.9E-10
Chromium						
Cobalt			1.2E-08	1.5E-09	2.2E-14	1.4E-08
Copper						
Lead						
Manganese						
Mercury (+2)						
Mercury, elemental						
Methyl Mercury						

Table H-629 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Nickel			4.0E-10	5.0E-11	1.7E-20	4.5E-10
Phosphorus						
Selenium						
Silver						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.3E-18	3.0E-18				6.3E-18
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	7.1E-13	6.4E-13	2.0E-10	2.5E-11	1.5E-15	2.3E-10
Benzo(a)pyrene	2.9E-12	2.6E-12	7.5E-10	9.4E-11	2.0E-17	8.5E-10
Benzo(b)fluoranthene	1.5E-14	1.4E-14	8.0E-11	1.0E-11	1.0E-19	9.0E-11
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	5.0E-16	4.6E-16	1.6E-13	2.0E-14	3.4E-20	1.8E-13

Table H-629 (Cancer Risk)

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Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Biphenyl		1.3E-17				1.3E-17
Chrysene	8.2E-15	7.5E-15	3.2E-11	4.0E-12	5.5E-19	3.6E-11
Dibenze(a,h)anthracene	1.0E-12	9.2E-13	1.3E-10	1.6E-11	7.4E-18	1.4E-10
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	2.8E-13	2.6E-13	3.9E-11	4.8E-12	1.9E-18	4.4E-11
Napthalene			2.9E-09	3.6E-10		3.3E-09
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	1.9E-17	1.6E-17	1.0E-12	1.3E-13	4.2E-19	1.2E-12
Heptachlorobiphenyl	5.9E-17	5.0E-17	4.0E-13	5.0E-14	7.2E-19	4.5E-13
Hexachlorobiphenyl	2.4E-16	2.0E-16	1.6E-12	2.0E-13	2.9E-18	1.8E-12
Monochlorobiphenyl	1.3E-16	1.1E-16	7.4E-12	9.2E-13	2.9E-18	8.3E-12
Nonachlorobiphenyl	7.5E-18	6.4E-18	4.7E-14	5.9E-15	9.2E-20	5.3E-14
Octachlorobiphenyl	1.8E-17	1.5E-17	1.2E-13	1.5E-14	2.2E-19	1.3E-13
Pentachlorobiphenyl	8.1E-16	6.8E-16	5.3E-12	6.6E-13	9.9E-18	5.9E-12
Tetrachlorobiphenyl	5.6E-18	4.7E-18	3.0E-13	3.8E-14	1.3E-19	3.4E-13

Table H-629 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Trichlorobiphenyl	7.3E-18	6.2E-18	4.0E-13	5.0E-14	1.6E-19	4.5E-13
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.1E-11	1.3E-12		1.2E-11
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.7E-14	4.4E-14	2.4E-10	3.0E-11	3.7E-19	2.7E-10
Butyl benzyl phthalate	3.0E-18	3.5E-18				6.4E-18
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			1.2E-10	1.5E-11		1.4E-10

Table H-629 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			4.3E-13	5.4E-14		4.8E-13
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			5.3E-12	6.6E-13		5.9E-12
1,2-Dichloroethane			3.6E-11	4.5E-12		4.1E-11
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						
2-Chlorotoluene						
2-Hexanone						
Benzene			3.6E-09	4.5E-10		4.1E-09
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			4.5E-13	5.6E-14		5.0E-13
Bromomethane						

Table H-629 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbon disulfide						
Carbon tetrachloride			1.7E-13	2.1E-14		1.9E-13
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			7.1E-12	8.9E-13		8.0E-12
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			2.5E-10	3.1E-11		2.8E-10
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			8.8E-14	1.1E-14		9.9E-14
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						

Table H-629 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
tert-Butylbenzene						
Tetrachloroethene			1.4E-14	1.8E-15		1.6E-14
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			3.8E-15	4.7E-16		4.2E-15
Trichlorofluoromethane						
Vinyl chloride			5.4E-12	6.8E-13		6.1E-12
Grand Total	4.8E-11	1.7E-10	4.1E-08	5.2E-09	7.3E-14	4.7E-08

Table H-630 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Acid Gas						
Hydrogen Chloride			1.4E-03	1.7E-04		1.5E-03
Aldehydes						
Acetaldehyde			5.3E-03	6.6E-04		5.9E-03
Formaldehyde			1.8E-03	2.3E-04		2.1E-03
Propionaldehyde			6.6E-04	8.2E-05	4.9E-11	7.4E-04
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-630 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	1.6E-06	6.2E-06	3.8E-05	4.8E-06	3.7E-09	5.1E-05
2,3,7,8-TCDF						
OCDD						
OCDF						
HCN						
Hydrogen cyanide			7.3E-03	9.1E-04		8.2E-03
Metals						
Antimony						
Arsenic	2.0E-13	4.6E-13	1.3E-03	1.6E-04	7.6E-16	1.4E-03
Barium		3.7E-07	5.3E-03	6.6E-04	7.3E-09	6.0E-03
Beryllium		1.2E-11	6.5E-05	8.1E-06	5.7E-14	7.3E-05
Cadmium		1.9E-11	2.4E-03	3.0E-04	9.3E-14	2.7E-03
Chromium		1.5E-09				1.5E-09
Cobalt		1.9E-05	1.6E-02	2.0E-03	4.7E-08	1.8E-02
Copper		2.5E-07				2.5E-07
Lead						
Manganese						
Mercury (+2)		4.7E-09	2.5E-06	3.1E-07	2.3E-13	2.8E-06
Mercury, elemental			1.0E-08	1.3E-09		1.2E-08
Methyl Mercury		8.9E-10				8.9E-10

Table H-630 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Nickel		4.6E-12	1.2E-03	1.5E-04	5.1E-14	1.3E-03
Phosphorus		7.9E-09				7.9E-09
Selenium		1.9E-13	2.8E-07	3.4E-08	2.3E-18	3.1E-07
Silver		3.6E-09				3.6E-09
Titanium						
Zinc		1.1E-11				1.1E-11
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	1.1E-13	1.0E-13				2.2E-13
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	1.9E-12	1.8E-12				3.7E-12
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						

Table H-630 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Biphenyl		2.3E-13	1.1E-02	1.4E-03	1.7E-10	1.3E-02
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	5.6E-11	5.1E-11				1.1E-10
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene			2.0E-03	2.5E-04		2.3E-03
Perylene						
Phenanthrene						
Pyrene	3.1E-10	2.9E-10				6.0E-10
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	4.5E-10	3.8E-10				8.4E-10
Heptachlorobiphenyl	1.8E-10	1.5E-10	3.8E-08	4.7E-09	1.2E-13	4.3E-08
Hexachlorobiphenyl	7.3E-10	6.2E-10	1.5E-04	1.9E-05	4.8E-10	1.7E-04
Monochlorobiphenyl	3.2E-09	2.7E-09				5.8E-09
Nonachlorobiphenyl	2.3E-11	1.9E-11				4.2E-11
Octachlorobiphenyl	5.4E-11	4.5E-11				9.9E-11
Pentachlorobiphenyl	2.4E-09	2.1E-09	1.6E-03	2.0E-04	5.3E-09	1.8E-03
Tetrachlorobiphenyl	1.4E-10	1.2E-10	8.1E-06	1.0E-06	5.8E-12	9.1E-06

Table H-630 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Trichlorobiphenyl	1.8E-10	1.5E-10				3.3E-10
SVOCs						
1,2,4-trichlorobenzene			3.8E-06	4.7E-07		4.2E-06
1,2-dichlorobenzene			4.8E-09	6.0E-10		5.4E-09
1,3-dichlorobenzene						
1,4-dichlorobenzene			8.5E-08	1.1E-08		9.5E-08
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			3.8E-06	4.8E-07		4.3E-06
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	9.4E-09	1.1E-08				2.0E-08
Butyl benzyl phthalate	5.4E-13	6.4E-13				1.2E-12
Carbazole						
Dibenzofuran	4.6E-12	1.8E-11				2.3E-11
Dimethyl phthalate						
Di-n-butyl phthalate	1.1E-12	1.3E-12				2.4E-12
Di-n-octyl phthalate	7.7E-12	9.0E-12				1.7E-11
Hexachlorobutadiene						

Table H-630 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Phenol			6.0E-05	7.6E-06		6.8E-05
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			9.3E-10	1.2E-10		1.0E-09
1,1-Dichloroethene			1.2E-09	1.4E-10		1.3E-09
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.2E-06	4.0E-07		3.6E-06
1,2,4-Trimethylbenzene			2.4E-05	3.0E-06		2.7E-05
1,2-Dibromoethane			6.8E-08	8.5E-09		7.7E-08
1,2-Dichloroethane			1.4E-05	1.7E-06		1.6E-05
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone			2.5E-07	3.1E-08		2.8E-07
2-Chlorotoluene						
2-Hexanone			7.5E-06	9.4E-07		8.5E-06
Benzene			1.1E-03	1.3E-04		1.2E-03
Bromobenzene			5.5E-06	6.9E-07		6.2E-06
Bromochloromethane			2.0E-08	2.4E-09		2.2E-08
Bromodichloromethane						
Bromomethane			1.9E-05	2.4E-06		2.2E-05

Table H-630 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbon disulfide			1.1E-07	1.4E-08		1.3E-07
Carbon tetrachloride			1.9E-08	2.4E-09		2.2E-08
Chlorobenzene			3.1E-06	3.9E-07		3.5E-06
Chlorodibromomethane						
Chloroethane			2.9E-08	3.6E-09		3.2E-08
Chloroform			2.2E-07	2.8E-08		2.5E-07
Chloromethane			8.7E-06	1.1E-06		9.8E-06
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			4.5E-07	5.6E-08		5.1E-07
Dichlorodifluoromethane			2.2E-08	2.8E-09		2.5E-08
Ethylbenzene			6.9E-06	8.6E-07		7.8E-06
Isopropylbenzene			1.2E-06	1.5E-07		1.4E-06
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.1E-09	1.3E-10		1.2E-09
Methylene chloride			1.0E-06	1.3E-07		1.2E-06
n-Butylbenzene						
n-Propylbenzene			2.7E-07	3.4E-08		3.0E-07
o-Xylene			6.7E-06	8.4E-07		7.6E-06
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			1.7E-05	2.1E-06		1.9E-05

Table H-630 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
tert-Butylbenzene						
Tetrachloroethene			9.5E-08	1.2E-08		1.1E-07
Toluene			2.4E-06	2.9E-07		2.7E-06
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			3.2E-08	4.0E-09		3.6E-08
Trichlorofluoromethane						
Vinyl chloride			8.6E-07	1.1E-07		9.7E-07
Grand Total	1.6E-06	2.6E-05	5.9E-02	7.4E-03	6.4E-08	6.6E-02

Table H-631 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas							
Hydrogen Chloride							
Aldehydes							
Acetaldehyde				2.2E-09	7.4E-10		3.0E-09
Formaldehyde				5.1E-09	1.7E-09		6.9E-09
Propionaldehyde							
CO							
Carbon monoxide							
CO2							
Carbon dioxide							
Criteria							
Sulfur Dioxide							
DIOXINS							
1,2,3,4,6,7,8-HpCDD	2.3E-17	4.3E-13	3.4E-12	2.5E-10	8.3E-11	1.5E-16	3.4E-10
1,2,3,4,6,7,8-HpCDF	2.2E-17	4.3E-13	3.4E-12	2.5E-10	8.4E-11	1.5E-16	3.4E-10
1,2,3,4,7,8,9-HpCDF	3.4E-18	5.2E-14	4.1E-13	3.3E-11	1.1E-11	1.8E-17	4.4E-11
1,2,3,4,7,8-HxCDD	2.6E-16	5.1E-13	4.0E-12	3.0E-10	1.0E-10	1.7E-16	4.1E-10
1,2,3,4,7,8-HxCDF	1.8E-15	4.0E-12	3.2E-11	2.5E-09	8.2E-10	1.4E-15	3.3E-09
1,2,3,6,7,8-HxCDD	5.0E-16	1.0E-12	8.2E-12	6.4E-10	2.1E-10	3.5E-16	8.7E-10
1,2,3,6,7,8-HxCDF	6.6E-16	1.3E-12	1.0E-11	8.1E-10	2.7E-10	4.5E-16	1.1E-09
1,2,3,7,8,9-HxCDD	7.2E-16	1.6E-12	1.3E-11	9.7E-10	3.2E-10	5.5E-16	1.3E-09
1,2,3,7,8,9-HxCDF	5.3E-17	9.5E-14	7.5E-13	6.2E-11	2.1E-11	3.2E-17	8.4E-11
1,2,3,7,8-PeCDD	1.4E-14	5.8E-12	4.6E-11	3.9E-09	1.3E-09	2.0E-15	5.3E-09

Table H-631 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
1,2,3,7,8-PeCDF	9.6E-16	3.4E-13	2.7E-12	2.8E-10	9.3E-11	1.2E-16	3.7E-10
2,3,4,6,7,8-HxCDF	9.5E-16	2.0E-12	1.6E-11	1.2E-09	4.1E-10	6.8E-16	1.7E-09
2,3,4,7,8-PeCDF	1.5E-14	8.2E-12	6.5E-11	6.2E-09	2.1E-09	2.8E-15	8.4E-09
2,3,7,8-TCDD	4.6E-15	8.7E-13	6.8E-12	1.3E-09	4.3E-10	2.0E-13	1.7E-09
2,3,7,8-TCDF	1.5E-15	2.2E-13	1.7E-12	5.8E-10	1.9E-10	7.4E-17	7.8E-10
OCDD	3.1E-21	2.9E-15	2.3E-14	1.6E-12	5.5E-13	9.7E-19	2.2E-12
OCDF	1.1E-21	1.1E-15	8.5E-15	6.1E-13	2.0E-13	3.7E-19	8.2E-13
HCN							
Hydrogen cyanide							
Metals							
Antimony							
Arsenic	1.7E-17	1.0E-18	4.9E-18	1.8E-09	5.9E-10	3.4E-21	2.3E-09
Barium							
Beryllium				6.8E-11	2.3E-11	2.0E-19	9.0E-11
Cadmium				9.3E-10	3.1E-10	1.2E-19	1.2E-09
Chromium							
Cobalt				3.1E-08	1.0E-08	1.7E-13	4.2E-08
Copper							
Lead							
Manganese							
Mercury (+2)							
Mercury, elemental							
Methyl Mercury							

Table H-631 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Nickel				6.1E-10	2.0E-10	8.5E-20	8.1E-10
Phosphorus							
Selenium							
Silver							
Titanium							
Zinc							
NOx							
NOx (Oxides of Nitrogen)							
PAHs							
1-Methylnaphthalene		2.0E-18	3.7E-18				5.7E-18
1-Methylphenanthrene							
2,3,5-Trimethylnaphthalene							
2,6-Dimethylnaphthalene							
2-Methylnaphthalene							
Acenaphthylene							
Acenaphthene							
Anthracene							
Benzo(a)anthracene	6.4E-14	4.2E-13	7.6E-13	2.8E-10	9.2E-11	5.2E-15	3.7E-10
Benzo(a)pyrene	3.2E-13	1.8E-12	3.2E-12	1.1E-09	3.5E-10	7.1E-17	1.4E-09
Benzo(b)fluoranthene	8.7E-15	9.6E-15	1.7E-14	1.1E-10	3.8E-11	3.9E-19	1.5E-10
Benzo(e)pyrene							
Benzo(g,h,i)perylene							
Benzo(k)fluoranthene	7.1E-18	5.7E-16	1.0E-15	4.5E-13	1.5E-13	2.3E-19	6.0E-13

Table H-631 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Biphenyl			1.6E-17				1.6E-17
Chrysene	1.1E-16	5.0E-15	9.1E-15	4.5E-11	1.5E-11	2.0E-18	6.0E-11
Dibenze(a,h)anthracene	1.6E-14	6.2E-13	1.1E-12	1.8E-10	6.0E-11	2.7E-17	2.4E-10
Fluoranthene							
Fluorene							
Indeno(1,2,3-cd)pyrene	4.0E-15	1.7E-13	3.2E-13	5.4E-11	1.8E-11	7.0E-18	7.3E-11
Napthalene				4.1E-09	1.4E-09		5.5E-09
Perylene							
Phenanthrene							
Pyrene							
Particulate							
Particulate Total Suspended Particulate							
PM<10							
PM<2.5							
PCBs							
Dichlorobiphenyl	6.1E-18	1.1E-17	1.9E-17	1.5E-12	4.9E-13	1.5E-18	2.0E-12
Heptachlorobiphenyl	6.6E-18	3.7E-17	6.2E-17	5.7E-13	1.9E-13	2.7E-18	7.6E-13
Hexachlorobiphenyl	2.7E-17	1.5E-16	2.6E-16	2.3E-12	7.7E-13	1.1E-17	3.1E-12
Monochlorobiphenyl	4.3E-17	8.0E-17	1.4E-16	1.0E-11	3.5E-12	1.1E-17	1.4E-11
Nonachlorobiphenyl	8.2E-19	5.2E-18	8.9E-18	7.1E-14	2.4E-14	3.9E-19	9.4E-14
Octachlorobiphenyl	1.9E-18	1.1E-17	1.9E-17	1.7E-13	5.6E-14	8.3E-19	2.3E-13
Pentachlorobiphenyl	8.8E-17	5.3E-16	9.0E-16	7.7E-12	2.6E-12	3.9E-17	1.0E-11
Tetrachlorobiphenyl	1.8E-18	3.7E-18	6.3E-18	4.4E-13	1.5E-13	5.0E-19	5.9E-13

Table H-631 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Trichlorobiphenyl	2.4E-18	4.7E-18	8.0E-18	5.8E-13	1.9E-13	6.4E-19	7.7E-13
SVOCs							
1,2,4-trichlorobenzene							
1,2-dichlorobenzene							
1,3-dichlorobenzene							
1,4-dichlorobenzene	7.1E-21			1.5E-11	4.9E-12		1.9E-11
2,4-Dimethylphenol							
2-Chlorophenol							
2-Methylphenol							
2-Nitrophenol							
3-Methylphenol & 4-Methylphenol							
4-Nitrophenol							
Acetophenone							
Benzoic acid							
Benzyl alcohol							
bis(2-Ethylhexyl) phthalate	9.8E-17	2.4E-14	5.7E-14	3.5E-10	1.2E-10	1.4E-18	4.6E-10
Butyl benzyl phthalate	4.8E-18	1.8E-18	4.3E-18				1.1E-17
Carbazole							
Dibenzofuran							
Dimethyl phthalate							
Di-n-butyl phthalate							
Di-n-octyl phthalate							
Hexachlorobutadiene	7.5E-18			3.4E-10	1.1E-10		4.5E-10

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Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Phenol							
Pyridine							
TRS							
Total Reduced Sulfur							
VOCs							
1,1,1,2-Tetrachloroethane	1.0E-21			6.6E-13	2.2E-13		8.8E-13
1,1,1-Trichloroethane							
1,1-Dichloroethene							
1,2,3-Trichlorobenzene							
1,2,3-Trichloropropane	4.6E-19						4.6E-19
1,2,4-Trimethylbenzene							
1,2-Dibromoethane	1.1E-20			1.4E-11	4.8E-12		1.9E-11
1,2-Dichloroethane	1.5E-20			5.3E-11	1.8E-11		7.1E-11
1,3,5-Trimethylbenzene							
1,3-Dichloropropane							
2-Butanone							
2-Chlorotoluene							
2-Hexanone							
Benzene	1.6E-18			5.2E-09	1.7E-09		6.9E-09
Bromobenzene							
Bromochloromethane							
Bromodichloromethane	2.8E-22			1.2E-12	4.1E-13		1.6E-12
Bromomethane							

Table H-631 (Cancer Risk)

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Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
Carbon disulfide							
Carbon tetrachloride	1.3E-22			4.5E-13	1.5E-13		6.1E-13
Chlorobenzene							
Chlorodibromomethane	2.2E-20						2.2E-20
Chloroethane							
Chloroform	1.2E-21			1.7E-11	5.7E-12		2.3E-11
Chloromethane							
cis-1,2-Dichloroethene							
cis-1,3-Dichloropropene							
Dibromomethane							
Dichlorodifluoromethane							
Ethylbenzene	2.3E-19			3.6E-10	1.2E-10		4.8E-10
Isopropylbenzene							
m&p-Xylene							
Methyl Isobutyl Ketone (4-methyl-2							
Methylene chloride	7.4E-22			1.3E-13	4.3E-14		1.7E-13
n-Butylbenzene							
n-Propylbenzene							
o-Xylene							
p-Chlorotoluene							
p-Isopropyltoluene							
sec-Butylbenzene							
Styrene							

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Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
tert-Butylbenzene							
Tetrachloroethene	2.0E-23			2.1E-14	7.1E-15		2.9E-14
Toluene							
trans-1,2-Dichloroethene							
trans-1,3-Dichloropropene							
Trichloroethene	4.5E-24			1.0E-14	3.4E-15		1.4E-14
Trichlorofluoromethane							
Vinyl chloride	4.9E-21			1.0E-11	3.4E-12		1.4E-11
Grand Total	4.5E-13	3.0E-11	2.2E-10	7.4E-08	2.5E-08	3.8E-13	9.8E-08

Table H-632 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas							
Hydrogen Chloride				2.0E-03	6.8E-04		2.7E-03
Aldehydes							
Acetaldehyde				7.9E-03	2.6E-03		1.0E-02
Formaldehyde	2.3E-12			2.8E-03	9.4E-04		3.8E-03
Propionaldehyde				9.8E-04	3.3E-04	2.0E-10	1.3E-03
CO							
Carbon monoxide							
CO2							
Carbon dioxide							
Criteria							
Sulfur Dioxide							
DIOXINS							
1,2,3,4,6,7,8-HpCDD							
1,2,3,4,6,7,8-HpCDF							
1,2,3,4,7,8,9-HpCDF							
1,2,3,4,7,8-HxCDD							
1,2,3,4,7,8-HxCDF							
1,2,3,6,7,8-HxCDD							
1,2,3,6,7,8-HxCDF							
1,2,3,7,8,9-HxCDD							
1,2,3,7,8,9-HxCDF							
1,2,3,7,8-PeCDD							

Table H-632 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
1,2,3,7,8-PeCDF							
2,3,4,6,7,8-HxCDF							
2,3,4,7,8-PeCDF							
2,3,7,8-TCDD	3.8E-09	1.1E-06	9.0E-06	5.9E-05	2.0E-05	1.6E-08	8.9E-05
2,3,7,8-TCDF							
OCDD							
OCDF							
HCN							
Hydrogen cyanide				1.1E-02	3.5E-03		1.4E-02
Metals							
Antimony	3.9E-14						3.9E-14
Arsenic	2.7E-12	1.6E-13	7.6E-13	1.9E-03	6.4E-04	3.7E-15	2.5E-03
Barium	1.4E-11		7.5E-07	9.2E-03	3.1E-03	4.4E-08	1.2E-02
Beryllium	1.7E-14		2.0E-11	9.9E-05	3.3E-05	2.9E-13	1.3E-04
Cadmium	8.3E-12		3.1E-11	3.6E-03	1.2E-03	4.6E-13	4.8E-03
Chromium	1.9E-15		2.5E-09				2.5E-09
Cobalt			4.7E-05	4.1E-02	1.4E-02	3.5E-07	5.4E-02
Copper			4.3E-07				4.3E-07
Lead							
Manganese							
Mercury (+2)			6.6E-09	3.8E-06	1.3E-06	9.7E-13	5.0E-06
Mercury, elemental				1.6E-08	5.2E-09		2.1E-08
Methyl Mercury	1.3E-10		1.5E-09				1.6E-09

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Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
Nickel	1.7E-13		7.8E-12	1.8E-03	6.0E-04	2.5E-13	2.4E-03
Phosphorus			1.4E-08				1.4E-08
Selenium	5.5E-14		3.1E-13	4.2E-07	1.4E-07	1.1E-17	5.5E-07
Silver	4.2E-14		6.3E-09				6.3E-09
Titanium							
Zinc	1.4E-11		2.2E-11				3.5E-11
NOx							
NOx (Oxides of Nitrogen)							
PAHs							
1-Methylnaphthalene		6.9E-14	1.3E-13				2.0E-13
1-Methylphenanthrene							
2,3,5-Trimethylnaphthalene							
2,6-Dimethylnaphthalene							
2-Methylnaphthalene		1.2E-12	2.1E-12				3.3E-12
Acenaphthylene							
Acenaphthene	5.6E-14						5.6E-14
Anthracene	1.4E-13						1.4E-13
Benzo(a)anthracene							
Benzo(a)pyrene							
Benzo(b)fluoranthene							
Benzo(e)pyrene							
Benzo(g,h,i)perylene							
Benzo(k)fluoranthene							

Table H-632 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
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Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Biphenyl			2.8E-13	1.6E-02	5.3E-03	6.1E-10	2.1E-02
Chrysene							
Dibenze(a,h)anthracene							
Fluoranthene	7.0E-12	3.4E-11	6.3E-11				1.0E-10
Fluorene	1.5E-12						1.5E-12
Indeno(1,2,3-cd)pyrene							
Napthalene	1.4E-12			2.8E-03	9.4E-04		3.7E-03
Perylene							
Phenanthrene							
Pyrene	6.7E-12	1.9E-10	3.5E-10				5.5E-10
Particulate							
Particulate Total Suspended Particulate							
PM<10							
PM<2.5							
PCBs							
Dichlorobiphenyl	8.7E-11	2.8E-10	4.7E-10				8.4E-10
Heptachlorobiphenyl	1.2E-11	1.1E-10	1.9E-10	5.4E-08	1.8E-08	4.5E-13	7.2E-08
Hexachlorobiphenyl	4.7E-11	4.7E-10	8.0E-10	2.2E-04	7.2E-05	1.9E-09	2.9E-04
Monochlorobiphenyl	6.1E-10	2.0E-09	3.3E-09				5.9E-09
Nonachlorobiphenyl	1.4E-12	1.6E-11	2.7E-11				4.4E-11
Octachlorobiphenyl	3.4E-12	3.4E-11	5.8E-11				9.6E-11
Pentachlorobiphenyl	1.6E-10	1.6E-09	2.7E-09	2.4E-03	7.8E-04	2.1E-08	3.1E-03
Tetrachlorobiphenyl	2.6E-11	9.1E-11	1.5E-10	1.2E-05	4.0E-06	2.3E-11	1.6E-05

Table H-632 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Trichlorobiphenyl	3.4E-11	1.2E-10	2.0E-10				3.4E-10
SVOCs							
1,2,4-trichlorobenzene				5.9E-06	2.0E-06		7.9E-06
1,2-dichlorobenzene	3.1E-17			1.3E-08	4.4E-09		1.8E-08
1,3-dichlorobenzene							
1,4-dichlorobenzene	1.3E-15			1.2E-07	3.9E-08		1.5E-07
2,4-Dimethylphenol	1.3E-13						1.3E-13
2-Chlorophenol	2.6E-14						2.6E-14
2-Methylphenol	1.1E-12			5.3E-06	1.8E-06		7.1E-06
2-Nitrophenol							
3-Methylphenol & 4-Methylphenol							
4-Nitrophenol							
Acetophenone	3.9E-14						3.9E-14
Benzoic acid	4.0E-15						4.0E-15
Benzyl alcohol	9.8E-17						9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	6.0E-09	1.4E-08				2.0E-08
Butyl benzyl phthalate	8.8E-13	3.3E-13	7.9E-13				2.0E-12
Carbazole							
Dibenzofuran		2.9E-12	2.3E-11				2.5E-11
Dimethyl phthalate							
Di-n-butyl phthalate	1.7E-11	6.7E-13	1.6E-12				1.9E-11
Di-n-octyl phthalate	1.3E-15	8.7E-12	2.1E-11				2.9E-11
Hexachlorobutadiene	6.7E-12						6.7E-12

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ACI Lifetime (yrs)	30
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Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Phenol	4.9E-13			8.5E-05	2.8E-05		1.1E-04
Pyridine	7.7E-12						7.7E-12
TRS							
Total Reduced Sulfur							
VOCs							
1,1,1,2-Tetrachloroethane	9.0E-17						9.0E-17
1,1,1-Trichloroethane	8.8E-20			1.4E-09	4.5E-10		1.8E-09
1,1-Dichloroethene	1.2E-19			3.2E-09	1.1E-09		4.2E-09
1,2,3-Trichlorobenzene	2.3E-13						2.3E-13
1,2,3-Trichloropropane	2.7E-16			8.8E-06	2.9E-06		1.2E-05
1,2,4-Trimethylbenzene				3.9E-05	1.3E-05		5.1E-05
1,2-Dibromoethane	4.1E-17			1.9E-07	6.2E-08		2.5E-07
1,2-Dichloroethane	1.9E-15			2.0E-05	6.8E-06		2.7E-05
1,3,5-Trimethylbenzene	6.0E-15						6.0E-15
1,3-Dichloropropane							
2-Butanone	4.1E-15			3.6E-07	1.2E-07		4.8E-07
2-Chlorotoluene							
2-Hexanone				1.1E-05	3.7E-06		1.5E-05
Benzene	4.9E-13			1.5E-03	5.2E-04		2.1E-03
Bromobenzene				1.5E-05	5.0E-06		2.0E-05
Bromochloromethane				5.4E-08	1.8E-08		7.1E-08
Bromodichloromethane	1.6E-17						1.6E-17
Bromomethane	9.6E-16			3.1E-05	1.0E-05		4.2E-05

Table H-632 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
Carbon disulfide	1.3E-17			1.9E-07	6.4E-08		2.5E-07
Carbon tetrachloride	3.4E-17			5.3E-08	1.8E-08		7.1E-08
Chlorobenzene	2.3E-15			4.7E-06	1.6E-06		6.2E-06
Chlorodibromomethane	9.1E-16						9.1E-16
Chloroethane				4.3E-08	1.4E-08		5.8E-08
Chloroform	2.8E-16			5.3E-07	1.8E-07		7.1E-07
Chloromethane				1.4E-05	4.7E-06		1.9E-05
cis-1,2-Dichloroethene	1.9E-15						1.9E-15
cis-1,3-Dichloropropene							
Dibromomethane				1.2E-06	4.1E-07		1.7E-06
Dichlorodifluoromethane	2.4E-20			6.0E-08	2.0E-08		8.1E-08
Ethylbenzene	1.5E-14			1.0E-05	3.4E-06		1.3E-05
Isopropylbenzene	2.0E-17			1.8E-06	6.1E-07		2.5E-06
m&p-Xylene							
Methyl Isobutyl Ketone (4-methyl-2				2.9E-09	9.6E-10		3.9E-09
Methylene chloride	4.3E-15			1.5E-06	5.0E-07		2.0E-06
n-Butylbenzene							
n-Propylbenzene				4.2E-07	1.4E-07		5.6E-07
o-Xylene	1.4E-15			1.0E-05	3.5E-06		1.4E-05
p-Chlorotoluene							
p-Isopropyltoluene							
sec-Butylbenzene							
Styrene	4.7E-14			2.5E-05	8.5E-06		3.4E-05

Table H-632 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
tert-Butylbenzene							
Tetrachloroethene	1.1E-16			1.4E-07	4.8E-08		1.9E-07
Toluene	2.0E-14			3.4E-06	1.1E-06		4.5E-06
trans-1,2-Dichloroethene	2.9E-15						2.9E-15
trans-1,3-Dichloropropene							
Trichloroethene	1.4E-17			8.8E-08	2.9E-08		1.2E-07
Trichlorofluoromethane	3.5E-20						3.5E-20
Vinyl chloride	1.6E-16			1.6E-06	5.5E-07		2.2E-06
Grand Total	5.0E-09	1.1E-06	5.8E-05	1.0E-01	3.5E-02	4.3E-07	1.4E-01

Table H-633 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			1.1E-09	1.4E-10		1.3E-09
Formaldehyde			2.7E-05	3.6E-10		2.7E-05
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	5.8E-13	2.3E-12	1.2E-10	1.4E-11	3.3E-17	1.3E-10
1,2,3,4,6,7,8-HpCDF	5.8E-13	2.3E-12	1.2E-10	1.5E-11	3.3E-17	1.3E-10
1,2,3,4,7,8,9-HpCDF	6.7E-14	2.6E-13	1.5E-11	1.8E-12	3.8E-18	1.7E-11
1,2,3,4,7,8-HxCDD	6.6E-13	2.6E-12	1.4E-10	1.7E-11	3.7E-17	1.6E-10
1,2,3,4,7,8-HxCDF	5.2E-12	2.0E-11	1.1E-09	1.4E-10	2.9E-16	1.3E-09
1,2,3,6,7,8-HxCDD	1.3E-12	5.3E-12	2.9E-10	3.6E-11	7.5E-17	3.3E-10
1,2,3,6,7,8-HxCDF	1.7E-12	6.7E-12	3.6E-10	4.5E-11	9.6E-17	4.2E-10
1,2,3,7,8,9-HxCDD	2.1E-12	8.3E-12	4.4E-10	5.5E-11	1.2E-16	5.1E-10
1,2,3,7,8,9-HxCDF	1.2E-13	4.8E-13	2.8E-11	3.5E-12	6.9E-18	3.2E-11
1,2,3,7,8-PeCDD	7.4E-12	2.9E-11	1.8E-09	2.2E-10	4.2E-16	2.0E-09

Table H-633 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	4.4E-13	1.7E-12	1.2E-10	1.6E-11	2.5E-17	1.4E-10
2,3,4,6,7,8-HxCDF	2.7E-12	1.0E-11	5.6E-10	7.1E-11	1.5E-16	6.5E-10
2,3,4,7,8-PeCDF	1.0E-11	4.1E-11	2.8E-09	3.5E-10	5.9E-16	3.2E-09
2,3,7,8-TCDD	1.5E-12	5.9E-12	7.0E-10	8.8E-11	5.9E-14	8.0E-10
2,3,7,8-TCDF	2.7E-13	1.1E-12	2.6E-10	3.2E-11	1.5E-17	2.9E-10
OCDD	3.9E-15	1.5E-14	7.6E-13	9.5E-14	2.2E-19	8.8E-13
OCDF	1.5E-15	5.9E-15	2.9E-13	3.6E-14	8.5E-20	3.3E-13
DNT						
2,4-Dinitrotoluene	4.4E-08	5.3E-08			7.4E-13	9.7E-08
2,6-Dinitrotoluene	3.4E-07	4.1E-07				7.5E-07
HCN						
Hydrogen cyanide						
Metals						
Aluminum						
Antimony						
Arsenic	3.2E-07	7.6E-07	9.1E-10	1.1E-10	1.8E-10	1.1E-06
Barium						
Beryllium			3.7E-11	4.6E-12	4.4E-20	4.1E-11
Cadmium			4.9E-10	6.1E-11	2.6E-20	5.5E-10
Chromium						
Cobalt			3.2E-08	3.9E-09	3.1E-09	3.9E-08
Copper						
Iron						

Table H-633 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Lead						
Manganese						
Mercury (+2)						
Mercury, elemental						
Methyl Mercury						
Nickel			3.2E-10	4.0E-11	1.8E-09	2.2E-09
Phosphorus						
Selenium						
Silver						
Thallium (Soluble Salts)						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	2.5E-18	2.2E-18				4.7E-18
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						

Table H-633 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(a)anthracene	4.1E-08	3.7E-08	1.2E-10	1.5E-11	8.4E-11	7.8E-08
Benzo(a)pyrene	6.9E-07	6.3E-07	4.6E-10	5.8E-11	4.6E-12	1.3E-06
Benzo(b)fluoranthene	1.5E-07	1.3E-07	5.2E-11	6.4E-12	9.9E-13	2.8E-07
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	9.5E-10	8.6E-10	4.6E-13	5.7E-14	6.3E-14	1.8E-09
Biphenyl		9.5E-18				9.5E-18
Chrysene	5.9E-10	5.4E-10	2.0E-11	2.5E-12	4.0E-14	1.1E-09
Dibenze(a,h)anthracene	2.6E-08	2.3E-08	8.0E-11	9.9E-12	1.9E-13	4.9E-08
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	3.7E-08	3.3E-08	2.4E-11	3.0E-12	2.5E-13	7.0E-08
Napthalene			1.8E-09	2.3E-10		2.0E-09
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	1.4E-17	1.2E-17	6.6E-13	8.3E-14	3.2E-19	7.5E-13
Heptachlorobiphenyl	4.8E-17	4.0E-17	2.6E-13	3.2E-14	5.8E-19	2.9E-13

Table H-633 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Hexachlorobiphenyl	2.2E-16	1.8E-16	1.1E-12	1.4E-13	2.6E-18	1.2E-12
Monochlorobiphenyl	1.0E-16	8.4E-17	4.6E-12	5.8E-13	2.3E-18	5.2E-12
Nonachlorobiphenyl	8.4E-18	7.1E-18	3.7E-14	4.6E-15	1.0E-19	4.1E-14
Octachlorobiphenyl	1.5E-17	1.3E-17	7.9E-14	9.9E-15	1.9E-19	8.9E-14
Pentachlorobiphenyl	7.8E-16	6.5E-16	3.7E-12	4.6E-13	9.5E-18	4.2E-12
Tetrachlorobiphenyl	5.5E-18	4.6E-18	2.2E-13	2.7E-14	1.2E-19	2.4E-13
Trichlorobiphenyl	6.6E-18	5.6E-18	2.7E-13	3.4E-14	1.5E-19	3.1E-13
Pesticides						
DDE		6.2E-09			5.6E-11	6.3E-09
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-Butadiene			3.4E-07			3.4E-07
1,3-dichlorobenzene						
1,4-dichlorobenzene			6.0E-12	7.5E-13		6.7E-12
1,4-Dioxane			1.3E-07			1.3E-07
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						

Table H-633 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-14	4.0E-14	1.6E-10	2.0E-11	3.3E-19	1.8E-10
Butyl benzyl phthalate	2.2E-18	2.6E-18				4.8E-18
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			3.5E-10	4.4E-11		3.9E-10
Isopropanol						
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			3.6E-13	4.5E-14		4.0E-13
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			1.5E-11	1.9E-12		1.7E-11

Table H-633 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
1,2-Dichloroethane			3.2E-07	9.3E-09		3.3E-07
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						
2-Chlorotoluene						
2-Hexanone						
Benzene			2.4E-07	2.7E-08		2.6E-07
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			1.3E-12	1.6E-13		1.4E-12
Bromomethane						
Carbon disulfide						
Carbon tetrachloride			3.2E-07	3.3E-08		3.5E-07
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			2.1E-07	2.0E-08		2.3E-07
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			8.6E-08	2.2E-11		8.6E-08

Table H-633 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			6.4E-14	8.1E-15		7.3E-14
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethene			1.1E-14	1.4E-15		1.3E-14
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			6.7E-09	1.3E-15		6.7E-09
Trichlorofluoromethane						
Vinyl chloride			7.8E-12	9.7E-13		8.8E-12
Grand Total	1.6E-06	2.1E-06	2.8E-05	9.5E-08	5.2E-09	3.2E-05

Table H-634 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			4.2E-05	5.2E-06		4.7E-05
Aldehydes						
Acetaldehyde			1.6E-04	2.0E-05		1.8E-04
Formaldehyde			5.8E-01	7.9E-06		5.8E-01
Propionaldehyde			2.0E-05	2.5E-06	2.1E-12	2.2E-05
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-634 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	7.9E-08	3.1E-07	1.3E-06	1.6E-07	1.8E-10	1.8E-06
2,3,7,8-TCDF						
OCDD						
OCDF						
DNT						
2,4-Dinitrotoluene	2.0E-04	2.4E-04				4.4E-04
2,6-Dinitrotoluene	2.1E-03	2.5E-03				4.7E-03
HCN						
Hydrogen cyanide			2.0E-04	2.5E-05		2.2E-04
Metals						
Aluminum		7.9E-03			7.7E-05	7.9E-03
Antimony		7.6E-04				7.6E-04
Arsenic	2.0E-03	4.7E-03	4.0E-05	4.9E-06	7.7E-06	6.8E-03
Barium		2.2E-08	2.5E-04	3.1E-05	4.3E-10	2.8E-04
Beryllium		5.2E-13	2.1E-06	2.7E-07	2.6E-15	2.4E-06
Cadmium		8.2E-13	7.6E-05	9.5E-06	4.0E-15	8.5E-05
Chromium		6.4E-11				6.4E-11
Cobalt		6.5E-02	1.6E-03	2.0E-04	1.6E-04	6.7E-02
Copper		1.1E-08				1.1E-08
Iron		2.4E-02				2.4E-02

Table H-634 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Lead						
Manganese						
Mercury (+2)		2.1E-10	7.8E-08	9.8E-09	1.0E-14	8.8E-08
Mercury, elemental			3.3E-10	4.1E-11	9.6E-05	9.6E-05
Methyl Mercury		3.8E-11				3.8E-11
Nickel		2.0E-02	3.9E-05	4.8E-06	2.2E-04	2.0E-02
Phosphorus		3.7E-10				3.7E-10
Selenium		8.1E-15	8.7E-09	1.1E-09	9.9E-20	9.8E-09
Silver		1.7E-10				1.7E-10
Thallium (Soluble Salts)		1.1E-02				1.1E-02
Titanium						
Zinc		6.1E-13				6.1E-13
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.4E-15	3.1E-15				6.5E-15
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	5.8E-14	5.2E-14				1.1E-13
Acenaphthylene						
Acenaphthene						
Anthracene						

Table H-634 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						
Biphenyl		6.7E-15	2.8E-04	3.5E-05	4.9E-12	3.1E-04
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	1.7E-12	1.5E-12				3.2E-12
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene			5.0E-05	6.2E-06		5.6E-05
Perylene						
Phenanthrene						
Pyrene	9.3E-12	8.5E-12				1.8E-11
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	1.4E-11	1.2E-11				2.6E-11
Heptachlorobiphenyl	5.8E-12	4.9E-12	9.8E-10	1.2E-10	3.8E-15	1.1E-09

Table H-634 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Hexachlorobiphenyl	2.6E-11	2.2E-11	4.1E-06	5.1E-07	1.7E-11	4.6E-06
Monochlorobiphenyl	9.8E-11	8.3E-11				1.8E-10
Nonachlorobiphenyl	1.0E-12	8.6E-13				1.9E-12
Octachlorobiphenyl	1.9E-12	1.6E-12				3.5E-12
Pentachlorobiphenyl	9.4E-11	8.0E-11	4.6E-05	5.7E-06	2.0E-10	5.1E-05
Tetrachlorobiphenyl	5.4E-12	4.5E-12	2.3E-07	2.9E-08	2.3E-13	2.6E-07
Trichlorobiphenyl	6.5E-12	5.5E-12				1.2E-11
Pesticides						
DDE						
SVOCs						
1,2,4-trichlorobenzene			1.3E-07	1.7E-08		1.5E-07
1,2-dichlorobenzene			5.4E-10	6.8E-11		6.1E-10
1,3-Butadiene			1.6E-02			1.6E-02
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.9E-09	2.4E-10		2.1E-09
1,4-Dioxane			2.4E-03			2.4E-03
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			9.3E-08	1.2E-08		1.0E-07
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						

Table H-634 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-10	4.0E-10				7.4E-10
Butyl benzyl phthalate	1.6E-14	1.9E-14				3.6E-14
Carbazole						
Dibenzofuran	1.4E-13	5.7E-13				7.1E-13
Dimethyl phthalate						
Di-n-butyl phthalate	3.3E-14	3.9E-14				7.1E-14
Di-n-octyl phthalate	9.4E-13	1.1E-12				2.1E-12
Hexachlorobutadiene						
Isopropanol			4.1E-03			4.1E-03
Phenol			1.5E-06	1.9E-07		1.7E-06
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			2.7E-11	3.3E-12		3.0E-11
1,1-Dichloroethene			1.3E-10	1.6E-11		1.5E-10
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.6E-07	4.5E-08		4.1E-07
1,2,4-Trimethylbenzene			8.9E-07	1.1E-07		1.0E-06
1,2-Dibromoethane			7.7E-09	9.6E-10		8.6E-09

Table H-634 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
1,2-Dichloroethane			4.9E-03	1.4E-04		5.0E-03
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone			6.6E-09	8.3E-10		7.4E-09
2-Chlorotoluene						
2-Hexanone			2.3E-07	2.8E-08		2.5E-07
Benzene			2.8E-03	3.2E-04		3.1E-03
Bromobenzene			6.2E-07	7.8E-08		7.0E-07
Bromochloromethane			2.2E-09	2.8E-10		2.5E-09
Bromodichloromethane						
Bromomethane			7.6E-07	9.5E-08		8.6E-07
Carbon disulfide			4.8E-09	6.0E-10		5.4E-09
Carbon tetrachloride			1.5E-03	1.5E-04		1.6E-03
Chlorobenzene			9.6E-08	1.2E-08		1.1E-07
Chlorodibromomethane						
Chloroethane			9.1E-10	1.1E-10		1.0E-09
Chloroform			2.6E-04	2.4E-05		2.8E-04
Chloromethane			3.4E-07	4.3E-08		3.9E-07
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			5.1E-08	6.4E-09		5.7E-08
Dichlorodifluoromethane			2.5E-09	3.1E-10		2.8E-09
Ethylbenzene			9.6E-05	2.4E-08		9.6E-05

Table H-634 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Isopropylbenzene			3.9E-08	4.9E-09		4.4E-08
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.2E-10	1.5E-11		1.3E-10
Methylene chloride			3.0E-08	3.8E-09		3.4E-08
n-Butylbenzene						
n-Propylbenzene			9.4E-09	1.2E-09		1.1E-08
o-Xylene			2.3E-07	2.9E-08		2.6E-07
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			5.1E-07	6.4E-08		5.7E-07
tert-Butylbenzene						
Tetrachloroethene			3.0E-09	3.8E-10		3.4E-09
Toluene			6.3E-08	7.9E-09		7.1E-08
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			2.3E-03	4.5E-10		2.3E-03
Trichlorofluoromethane						
Vinyl chloride			5.0E-08	6.2E-09		5.6E-08
Grand Total	4.3E-03	1.4E-01	6.2E-01	1.0E-03	5.6E-04	7.6E-01

Table H-635 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.1E-09	4.1E-08	1.4E-10	1.4E-08			5.6E-08
Formaldehyde						2.7E-05	9.4E-08	3.6E-10	3.1E-08			2.7E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	5.7E-16	5.8E-13	1.1E-11	2.3E-12	8.5E-11	1.2E-10	4.6E-09	1.4E-11	1.5E-09	3.3E-17	2.7E-15	6.3E-09
1,2,3,4,6,7,8-HpCDF	5.6E-16	5.8E-13	1.1E-11	2.3E-12	8.5E-11	1.2E-10	4.6E-09	1.5E-11	1.5E-09	3.3E-17	2.7E-15	6.4E-09
1,2,3,4,7,8,9-HpCDF	8.4E-17	6.7E-14	1.3E-12	2.6E-13	1.0E-11	1.5E-11	6.0E-10	1.8E-12	2.0E-10	3.8E-18	3.2E-16	8.3E-10
1,2,3,4,7,8-HxCDD	6.5E-15	6.6E-13	1.3E-11	2.6E-12	1.0E-10	1.4E-10	5.6E-09	1.7E-11	1.9E-09	3.7E-17	3.1E-15	7.7E-09
1,2,3,4,7,8-HxCDF	4.5E-14	5.2E-12	1.0E-10	2.0E-11	7.9E-10	1.1E-09	4.5E-08	1.4E-10	1.5E-08	2.9E-16	2.5E-14	6.3E-08
1,2,3,6,7,8-HxCDD	1.2E-14	1.3E-12	2.6E-11	5.3E-12	2.0E-10	2.9E-10	1.2E-08	3.6E-11	3.9E-09	7.5E-17	6.4E-15	1.6E-08
1,2,3,6,7,8-HxCDF	1.6E-14	1.7E-12	3.3E-11	6.7E-12	2.6E-10	3.6E-10	1.5E-08	4.5E-11	4.9E-09	9.6E-17	8.2E-15	2.0E-08
1,2,3,7,8,9-HxCDD	1.8E-14	2.1E-12	4.1E-11	8.3E-12	3.2E-10	4.4E-10	1.8E-08	5.5E-11	5.9E-09	1.2E-16	1.0E-14	2.5E-08
1,2,3,7,8,9-HxCDF	1.3E-15	1.2E-13	2.4E-12	4.8E-13	1.9E-11	2.8E-11	1.1E-09	3.5E-12	3.8E-10	6.9E-18	5.9E-16	1.6E-09
1,2,3,7,8-PeCDD	3.4E-13	7.4E-12	1.4E-10	2.9E-11	1.1E-09	1.8E-09	7.2E-08	2.2E-10	2.4E-08	4.2E-16	3.6E-14	9.9E-08
1,2,3,7,8-PeCDF	2.4E-14	4.4E-13	8.6E-12	1.7E-12	6.8E-11	1.2E-10	5.1E-09	1.6E-11	1.7E-09	2.5E-17	2.1E-15	7.0E-09
2,3,4,6,7,8-HxCDF	2.4E-14	2.7E-12	5.0E-11	1.0E-11	4.0E-10	5.6E-10	2.3E-08	7.1E-11	7.5E-09	1.5E-16	1.2E-14	3.1E-08
2,3,4,7,8-PeCDF	3.8E-13	1.0E-11	2.0E-10	4.1E-11	1.6E-09	2.8E-09	1.1E-07	3.5E-10	3.8E-08	5.9E-16	5.1E-14	1.6E-07
2,3,7,8-TCDD	1.2E-13	1.5E-12	2.2E-11	5.9E-12	1.7E-10	7.0E-10	2.4E-08	8.8E-11	7.9E-09	5.9E-14	3.7E-12	3.2E-08
2,3,7,8-TCDF	3.7E-14	2.7E-13	5.5E-12	1.1E-12	4.3E-11	2.6E-10	1.1E-08	3.2E-11	3.6E-09	1.5E-17	1.4E-15	1.5E-08
OCDD	7.7E-20	3.9E-15	7.2E-14	1.5E-14	5.7E-13	7.6E-13	3.0E-11	9.5E-14	1.0E-11	2.2E-19	1.8E-17	4.2E-11
OCDF	2.9E-20	1.5E-15	2.7E-14	5.9E-15	2.1E-13	2.9E-13	1.1E-11	3.6E-14	3.7E-12	8.5E-20	6.7E-18	1.5E-11
DNT												
2,4-Dinitrotoluene		4.4E-08		5.3E-08						7.4E-13		9.7E-08
2,6-Dinitrotoluene		3.4E-07		4.1E-07								7.5E-07
HCN												
Hydrogen cyanide												

Table H-635 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum												
Antimony												
Arsenic	4.4E-16	3.2E-07	2.6E-17	7.6E-07	1.2E-16	9.1E-10	3.2E-08	1.1E-10	1.1E-08	1.8E-10	6.3E-20	1.1E-06
Barium												
Beryllium						3.7E-11	1.2E-09	4.6E-12	4.1E-10	4.4E-20	3.6E-18	1.7E-09
Cadmium						4.9E-10	1.7E-08	6.1E-11	5.7E-09	2.6E-20	2.2E-18	2.3E-08
Chromium												
Cobalt						3.2E-08	5.8E-07	3.9E-09	1.9E-07	3.1E-09	3.0E-12	8.1E-07
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.2E-10	1.1E-08	4.0E-11	3.7E-09	1.8E-09	1.6E-18	1.7E-08
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		2.5E-18	5.0E-17	2.2E-18	9.2E-17							1.5E-16
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.6E-12	4.1E-08	1.0E-11	3.7E-08	1.9E-11	1.2E-10	5.1E-09	1.5E-11	1.7E-09	8.4E-11	9.5E-14	8.4E-08

Table H-635 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Outdoor Vapors at CJ	Inhalation of Outdoor Vapors at Home	Grand Total
Benzo(a)pyrene	8.0E-12	6.9E-07	4.4E-11	6.3E-07	8.1E-11	4.6E-10	1.9E-08	5.8E-11	6.4E-09	4.6E-12	1.3E-15	1.3E-06
Benzo(b)fluoranthene	2.2E-13	1.5E-07	2.4E-13	1.3E-07	4.4E-13	5.2E-11	2.1E-09	6.4E-12	6.9E-10	9.9E-13	7.1E-18	2.8E-07
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	1.8E-16	9.5E-10	1.4E-14	8.6E-10	2.6E-14	4.6E-13	8.2E-12	5.7E-14	2.7E-12	6.3E-14	4.2E-18	1.8E-09
Biphenyl				9.5E-18	4.0E-16							4.1E-16
Chrysene	2.8E-15	5.9E-10	1.3E-13	5.4E-10	2.3E-13	2.0E-11	8.3E-10	2.5E-12	2.8E-10	4.0E-14	3.7E-17	2.3E-09
Dibenzo(a,h)anthracene	4.0E-13	2.6E-08	1.6E-11	2.3E-08	2.8E-11	8.0E-11	3.3E-09	9.9E-12	1.1E-09	1.9E-13	5.0E-16	5.4E-08
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.0E-13	3.7E-08	4.3E-12	3.3E-08	7.9E-12	2.4E-11	1.0E-09	3.0E-12	3.3E-10	2.5E-13	1.3E-16	7.2E-08
Napthalene						1.8E-09	7.5E-08	2.3E-10	2.5E-08			1.0E-07
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.5E-16	1.4E-17	2.9E-16	1.2E-17	4.8E-16	6.6E-13	2.7E-11	8.3E-14	9.1E-12	3.2E-19	2.8E-17	3.7E-11
Heptachlorobiphenyl	1.6E-16	4.8E-17	9.2E-16	4.0E-17	1.6E-15	2.6E-13	1.0E-11	3.2E-14	3.5E-12	5.8E-19	5.0E-17	1.4E-11
Hexachlorobiphenyl	6.6E-16	2.2E-16	3.9E-15	1.8E-16	6.5E-15	1.1E-12	4.2E-11	1.4E-13	1.4E-11	2.6E-18	2.1E-16	5.7E-11
Monochlorobiphenyl	1.1E-15	1.0E-16	2.0E-15	8.4E-17	3.4E-15	4.6E-12	1.9E-10	5.8E-13	6.3E-11	2.3E-18	2.0E-16	2.6E-10
Nonachlorobiphenyl	2.0E-17	8.4E-18	1.3E-16	7.1E-18	2.2E-16	3.7E-14	1.3E-12	4.6E-15	4.3E-13	1.0E-19	7.1E-18	1.8E-12
Octachlorobiphenyl	4.9E-17	1.5E-17	2.8E-16	1.3E-17	4.8E-16	7.9E-14	3.1E-12	9.9E-15	1.0E-12	1.9E-19	1.5E-17	4.2E-12
Pentachlorobiphenyl	2.2E-15	7.8E-16	1.3E-14	6.5E-16	2.2E-14	3.7E-12	1.4E-10	4.6E-13	4.7E-11	9.5E-18	7.2E-16	1.9E-10
Tetrachlorobiphenyl	4.5E-17	5.5E-18	9.3E-17	4.6E-18	1.6E-16	2.2E-13	8.1E-12	2.7E-14	2.7E-12	1.2E-19	9.2E-18	1.1E-11
Trichlorobiphenyl	5.9E-17	6.6E-18	1.2E-16	5.6E-18	2.0E-16	2.7E-13	1.1E-11	3.4E-14	3.5E-12	1.5E-19	1.2E-17	1.4E-11
Pesticides												
DDE				6.2E-09						5.6E-11		6.3E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene						3.4E-07						3.4E-07

Table H-635 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.8E-19					6.0E-12	2.7E-10	7.5E-13	8.9E-11			3.6E-10
1,4-Dioxane						1.3E-07						1.3E-07
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.5E-15	3.4E-14	6.0E-13	4.0E-14	1.4E-12	1.6E-10	6.3E-09	2.0E-11	2.1E-09	3.3E-19	2.6E-17	8.6E-09
Butyl benzyl phthalate	1.2E-16	2.2E-18	4.5E-17	2.6E-18	1.1E-16							2.8E-16
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	1.9E-16					3.5E-10	6.2E-09	4.4E-11	2.1E-09			8.7E-09
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	2.5E-20					3.6E-13	1.2E-11	4.5E-14	4.0E-12			1.6E-11
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.2E-17											1.2E-17
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	2.7E-19					1.5E-11	2.6E-10	1.9E-12	8.8E-11			3.7E-10
1,2-Dichloroethane	3.8E-19					3.2E-07	9.7E-10	9.3E-09	3.2E-10			3.3E-07
1,3,5-Trimethylbenzene												

Table H-635 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												
Benzene	3.9E-17					2.4E-07	9.5E-08	2.7E-08	3.2E-08			3.9E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	7.0E-21					1.3E-12	2.2E-11	1.6E-13	7.5E-12			3.1E-11
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	3.4E-21					3.2E-07	8.3E-12	3.3E-08	2.8E-12			3.5E-07
Chlorobenzene												
Chlorodibromomethane	5.5E-19											5.5E-19
Chloroethane												
Chloroform	3.1E-20					2.1E-07	3.1E-10	2.0E-08	1.0E-10			2.3E-07
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	5.9E-18					8.6E-08	6.6E-09	2.2E-11	2.2E-09			9.4E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	1.9E-20					6.4E-14	2.4E-12	8.1E-15	7.9E-13			3.2E-12
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.0E-22					1.1E-14	3.9E-13	1.4E-15	1.3E-13			5.4E-13
Toluene												

Table H-635 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.1E-22					6.7E-09	1.9E-13	1.3E-15	6.3E-14			6.7E-09
Trichlorofluoromethane												
Vinyl chloride	1.2E-19					7.8E-12	1.9E-10	9.7E-13	6.3E-11			2.6E-10
Grand Total	1.1E-11	1.6E-06	7.5E-10	2.1E-06	5.4E-09	2.8E-05	1.3E-06	9.5E-08	4.5E-07	5.2E-09	7.0E-12	3.4E-05

Table H-636 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	1.5E-03	5.2E-06	5.0E-04			2.0E-03
Aldehydes												
Acetaldehyde						1.6E-04	5.8E-03	2.0E-05	1.9E-03			7.9E-03
Formaldehyde	2.3E-12					5.8E-01	2.1E-03	7.9E-06	6.9E-04			5.9E-01
Propionaldehyde						2.0E-05	7.2E-04	2.5E-06	2.4E-04	2.1E-12	1.5E-10	9.8E-04
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-06	3.1E-07	9.0E-06	1.3E-06	4.3E-05	1.6E-07	1.4E-05	1.8E-10	1.2E-08	7.0E-05
2,3,7,8-TCDF												
OCDD												
OCDF												
DNT												
2,4-Dinitrotoluene		2.0E-04		2.4E-04								4.4E-04
2,6-Dinitrotoluene		2.1E-03		2.5E-03								4.7E-03
HCN												
Hydrogen cyanide						2.0E-04	7.7E-03	2.5E-05	2.6E-03			1.1E-02

Table H-636 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum				7.9E-03						7.7E-05		7.9E-03
Antimony	3.9E-14			7.6E-04								7.6E-04
Arsenic	2.7E-12	2.0E-03	1.6E-13	4.7E-03	7.6E-13	4.0E-05	1.4E-03	4.9E-06	4.7E-04	7.7E-06	2.7E-15	8.6E-03
Barium	1.4E-11			2.2E-08	7.5E-07	2.5E-04	6.8E-03	3.1E-05	2.3E-03	4.3E-10	3.2E-08	9.3E-03
Beryllium	1.7E-14			5.2E-13	2.0E-11	2.1E-06	7.3E-05	2.7E-07	2.4E-05	2.6E-15	2.1E-13	9.9E-05
Cadmium	8.3E-12			8.2E-13	3.1E-11	7.6E-05	2.6E-03	9.5E-06	8.8E-04	4.0E-15	3.4E-13	3.6E-03
Chromium	1.9E-15			6.4E-11	2.5E-09							2.6E-09
Cobalt				6.5E-02	4.7E-05	1.6E-03	3.0E-02	2.0E-04	9.9E-03	1.6E-04	2.6E-07	1.1E-01
Copper				1.1E-08	4.3E-07							4.4E-07
Iron				2.4E-02								2.4E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.6E-09	7.8E-08	2.8E-06	9.8E-09	9.2E-07	1.0E-14	7.1E-13	3.8E-06
Mercury, elemental						3.3E-10	1.2E-08	4.1E-11	3.8E-09	9.6E-05		9.6E-05
Methyl Mercury	1.3E-10			3.8E-11	1.5E-09							1.6E-09
Nickel	1.7E-13			2.0E-02	7.8E-12	3.9E-05	1.3E-03	4.8E-06	4.4E-04	2.2E-04	1.9E-13	2.2E-02
Phosphorus				3.7E-10	1.4E-08							1.4E-08
Selenium	5.5E-14			8.1E-15	3.1E-13	8.7E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-20	8.4E-18	4.2E-07
Silver	4.2E-14			1.7E-10	6.3E-09							6.5E-09
Thallium (Soluble Salts)				1.1E-02								1.1E-02
Titanium												
Zinc	1.4E-11			6.1E-13	2.2E-11							3.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	6.9E-14	3.1E-15	1.3E-13							2.0E-13
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	1.2E-12	5.2E-14	2.1E-12							3.4E-12
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												

Table H-636 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	2.8E-13	2.8E-04	1.2E-02	3.5E-05	3.9E-03	4.9E-12	4.5E-10	1.6E-02
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	3.4E-11	1.5E-12	6.3E-11							1.1E-10
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	2.1E-03	6.2E-06	6.9E-04			2.8E-03
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.9E-10	8.5E-12	3.5E-10							5.6E-10
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.8E-10	1.2E-11	4.7E-10							8.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	1.1E-10	4.9E-12	1.9E-10	9.8E-10	3.9E-08	1.2E-10	1.3E-08	3.8E-15	3.3E-13	5.4E-08
Hexachlorobiphenyl	4.7E-11	2.6E-11	4.7E-10	2.2E-11	8.0E-10	4.1E-06	1.6E-04	5.1E-07	5.3E-05	1.7E-11	1.4E-09	2.2E-04
Monochlorobiphenyl	6.1E-10	9.8E-11	2.0E-09	8.3E-11	3.3E-09							6.0E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.6E-11	8.6E-13	2.7E-11							4.6E-11
Octachlorobiphenyl	3.4E-12	1.9E-12	3.4E-11	1.6E-12	5.8E-11							9.9E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.6E-09	8.0E-11	2.7E-09	4.6E-05	1.7E-03	5.7E-06	5.7E-04	2.0E-10	1.5E-08	2.3E-03
Tetrachlorobiphenyl	2.6E-11	5.4E-12	9.1E-11	4.5E-12	1.5E-10	2.3E-07	8.7E-06	2.9E-08	2.9E-06	2.3E-13	1.7E-11	1.2E-05
Trichlorobiphenyl	3.4E-11	6.5E-12	1.2E-10	5.5E-12	2.0E-10							3.6E-10
Pesticides												
DDE												
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	4.3E-06	1.7E-08	1.4E-06			5.9E-06
1,2-dichlorobenzene	3.1E-17					5.4E-10	9.7E-09	6.8E-11	3.2E-09			1.4E-08
1,3-Butadiene						1.6E-02						1.6E-02

Table H-636 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	8.5E-08	2.4E-10	2.8E-08			1.2E-07
1,4-Dioxane						2.4E-03						2.4E-03
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	3.9E-06	1.2E-08	1.3E-06			5.3E-06
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	6.0E-09	4.0E-10	1.4E-08							2.1E-08
Butyl benzyl phthalate	8.8E-13	1.6E-14	3.3E-13	1.9E-14	7.9E-13							2.0E-12
Carbazole												
Dibenzofuran		1.4E-13	2.9E-12	5.7E-13	2.3E-11							2.6E-11
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	6.7E-13	3.9E-14	1.6E-12							1.9E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	8.7E-12	1.1E-12	2.1E-11							3.1E-11
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						4.1E-03						4.1E-03
Phenol	4.9E-13					1.5E-06	6.2E-05	1.9E-07	2.1E-05			8.5E-05
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	1.0E-09	3.3E-12	3.3E-10			1.4E-09
1,1-Dichloroethene	1.2E-19					1.3E-10	2.3E-09	1.6E-11	7.7E-10			3.2E-09
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	6.4E-06	4.5E-08	2.1E-06			9.0E-06
1,2,4-Trimethylbenzene						8.9E-07	2.8E-05	1.1E-07	9.4E-06			3.9E-05
1,2-Dibromoethane	4.1E-17					7.7E-09	1.4E-07	9.6E-10	4.6E-08			1.9E-07
1,2-Dichloroethane	1.9E-15					4.9E-03	1.5E-05	1.4E-04	5.0E-06			5.1E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15

Table H-636 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	2.6E-07	8.3E-10	8.7E-08			3.6E-07
2-Chlorotoluene												
2-Hexanone						2.3E-07	8.2E-06	2.8E-08	2.7E-06			1.1E-05
Benzene	4.9E-13					2.8E-03	1.1E-03	3.2E-04	3.8E-04			4.7E-03
Bromobenzene						6.2E-07	1.1E-05	7.8E-08	3.7E-06			1.5E-05
Bromochloromethane						2.2E-09	3.9E-08	2.8E-10	1.3E-08			5.5E-08
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	2.3E-05	9.5E-08	7.6E-06			3.1E-05
Carbon disulfide	1.3E-17					4.8E-09	1.4E-07	6.0E-10	4.7E-08			1.9E-07
Carbon tetrachloride	3.4E-17					1.5E-03	3.9E-08	1.5E-04	1.3E-08			1.6E-03
Chlorobenzene	2.3E-15					9.6E-08	3.4E-06	1.2E-08	1.1E-06			4.7E-06
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	3.2E-08	1.1E-10	1.1E-08			4.3E-08
Chloroform	2.8E-16					2.6E-04	3.9E-07	2.4E-05	1.3E-07			2.8E-04
Chloromethane						3.4E-07	1.0E-05	4.3E-08	3.5E-06			1.4E-05
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	9.1E-07	6.4E-09	3.0E-07			1.3E-06
Dichlorodifluoromethane	2.4E-20					2.5E-09	4.4E-08	3.1E-10	1.5E-08			6.2E-08
Ethylbenzene	1.5E-14					9.6E-05	7.4E-06	2.4E-08	2.5E-06			1.1E-04
Isopropylbenzene	2.0E-17					3.9E-08	1.3E-06	4.9E-09	4.5E-07			1.8E-06
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.1E-09	1.5E-11	7.1E-10			3.0E-09
Methylene chloride	4.3E-15					3.0E-08	1.1E-06	3.8E-09	3.7E-07			1.5E-06
n-Butylbenzene												
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07			4.2E-07
o-Xylene	1.4E-15					2.3E-07	7.6E-06	2.9E-08	2.5E-06			1.0E-05
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.9E-05	6.4E-08	6.2E-06			2.5E-05
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	1.1E-07	3.8E-10	3.5E-08			1.4E-07
Toluene	2.0E-14					6.3E-08	2.5E-06	7.9E-09	8.3E-07			3.4E-06

Table H-636 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.3E-03	6.5E-08	4.5E-10	2.2E-08			2.3E-03
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.2E-06	6.2E-09	4.0E-07			1.7E-06
Grand Total	5.0E-09	4.3E-03	1.1E-06	1.4E-01	5.8E-05	6.2E-01	7.7E-02	1.0E-03	2.6E-02	5.6E-04	3.2E-07	8.6E-01

Table H-637 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			1.1E-09	1.4E-10		1.3E-09
Formaldehyde			2.9E-09	3.6E-10		3.2E-09
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	5.8E-13	2.3E-12	1.2E-10	1.4E-11	3.3E-17	1.3E-10
1,2,3,4,6,7,8-HpCDF	5.8E-13	2.3E-12	1.2E-10	1.5E-11	3.3E-17	1.3E-10
1,2,3,4,7,8,9-HpCDF	6.7E-14	2.6E-13	1.5E-11	1.8E-12	3.8E-18	1.7E-11
1,2,3,4,7,8-HxCDD	6.6E-13	2.6E-12	1.4E-10	1.7E-11	3.7E-17	1.6E-10
1,2,3,4,7,8-HxCDF	5.2E-12	2.0E-11	1.1E-09	1.4E-10	2.9E-16	1.3E-09
1,2,3,6,7,8-HxCDD	1.3E-12	5.3E-12	2.9E-10	3.6E-11	7.5E-17	3.3E-10
1,2,3,6,7,8-HxCDF	1.7E-12	6.7E-12	3.6E-10	4.5E-11	9.6E-17	4.2E-10
1,2,3,7,8,9-HxCDD	2.1E-12	8.3E-12	4.4E-10	5.5E-11	1.2E-16	5.1E-10
1,2,3,7,8,9-HxCDF	1.2E-13	4.8E-13	2.8E-11	3.5E-12	6.9E-18	3.2E-11
1,2,3,7,8-PeCDD	7.4E-12	2.9E-11	1.8E-09	2.2E-10	4.2E-16	2.0E-09

Table H-637 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	4.4E-13	1.7E-12	1.2E-10	1.6E-11	2.5E-17	1.4E-10
2,3,4,6,7,8-HxCDF	2.7E-12	1.0E-11	5.6E-10	7.1E-11	1.5E-16	6.5E-10
2,3,4,7,8-PeCDF	1.0E-11	4.1E-11	2.8E-09	3.5E-10	5.9E-16	3.2E-09
2,3,7,8-TCDD	1.5E-12	5.9E-12	7.0E-10	8.8E-11	5.9E-14	8.0E-10
2,3,7,8-TCDF	2.7E-13	1.1E-12	2.6E-10	3.2E-11	1.5E-17	2.9E-10
OCDD	3.9E-15	1.5E-14	7.6E-13	9.5E-14	2.2E-19	8.8E-13
OCDF	1.5E-15	5.9E-15	2.9E-13	3.6E-14	8.5E-20	3.3E-13
HCN						
Hydrogen cyanide						
Metals						
Aluminum						
Antimony						
Arsenic	1.0E-07	2.5E-07	9.1E-10	1.1E-10	5.8E-11	3.5E-07
Barium						
Beryllium			3.7E-11	4.6E-12	4.4E-20	4.1E-11
Cadmium			4.9E-10	6.1E-11	2.6E-20	5.5E-10
Chromium						
Cobalt			3.2E-08	3.9E-09	2.8E-09	3.8E-08
Copper						
Iron						
Lead						
Manganese						
Mercury (+2)						

Table H-637 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental						
Methyl Mercury						
Nickel			3.2E-10	4.0E-11	1.8E-09	2.2E-09
Phosphorus						
Selenium						
Silver						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	2.5E-18	2.2E-18				4.7E-18
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	2.3E-06	2.1E-06	1.2E-10	1.5E-11	4.8E-09	4.5E-06
Benzo(a)pyrene	2.0E-05	1.8E-05	4.6E-10	5.8E-11	1.3E-10	3.8E-05
Benzo(b)fluoranthene	3.2E-06	2.9E-06	5.2E-11	6.4E-12	2.1E-11	6.1E-06
Benzo(e)pyrene						

Table H-637 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	1.7E-07	1.6E-07	4.6E-13	5.7E-14	1.2E-11	3.3E-07
Biphenyl		9.5E-18				9.5E-18
Chrysene	2.5E-08	2.2E-08	2.0E-11	2.5E-12	1.6E-12	4.7E-08
Dibenze(a,h)anthracene	3.8E-06	3.5E-06	8.0E-11	9.9E-12	2.8E-11	7.3E-06
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	5.0E-07	4.6E-07	2.4E-11	3.0E-12	3.4E-12	9.6E-07
Napthalene			1.8E-09	2.3E-10	3.0E-09	5.0E-09
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	1.4E-17	1.2E-17	6.6E-13	8.3E-14	3.2E-19	7.5E-13
Heptachlorobiphenyl	4.8E-17	4.0E-17	2.6E-13	3.2E-14	5.8E-19	2.9E-13
Hexachlorobiphenyl	2.2E-16	1.8E-16	1.1E-12	1.4E-13	2.6E-18	1.2E-12
Monochlorobiphenyl	1.0E-16	8.4E-17	4.6E-12	5.8E-13	2.3E-18	5.2E-12
Nonachlorobiphenyl	8.4E-18	7.1E-18	3.7E-14	4.6E-15	1.0E-19	4.1E-14
Octachlorobiphenyl	1.5E-17	1.3E-17	7.9E-14	9.9E-15	1.9E-19	8.9E-14

Table H-637 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Pentachlorobiphenyl	7.8E-16	6.5E-16	3.7E-12	4.6E-13	9.5E-18	4.2E-12
Tetrachlorobiphenyl	5.5E-18	4.6E-18	2.2E-13	2.7E-14	1.2E-19	2.4E-13
Trichlorobiphenyl	6.6E-18	5.6E-18	2.7E-13	3.4E-14	1.5E-19	3.1E-13
Pesticides						
DDE		7.8E-08			7.1E-10	7.9E-08
Dieldrin	3.5E-07	4.2E-07			5.9E-12	7.7E-07
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-Butadiene			2.9E-07			2.9E-07
1,3-dichlorobenzene						
1,4-dichlorobenzene			6.0E-12	7.5E-13		6.7E-12
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-14	4.0E-14	1.6E-10	2.0E-11	3.3E-19	1.8E-10
Butyl benzyl phthalate	2.2E-18	2.6E-18				4.8E-18

Table H-637 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			3.5E-10	4.4E-11		3.9E-10
Isopropanol						
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			3.6E-13	4.5E-14		4.0E-13
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			1.5E-11	1.9E-12		1.7E-11
1,2-Dichloroethane			2.6E-11	9.3E-09		9.3E-09
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						

Table H-637 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
2-Chlorotoluene						
2-Hexanone						
Benzene			3.1E-07	2.7E-08		3.3E-07
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			1.3E-12	1.6E-13		1.4E-12
Bromomethane						
Carbon disulfide						
Carbon tetrachloride			3.0E-07	3.3E-08		3.3E-07
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			2.6E-07	2.0E-08		2.8E-07
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			4.7E-08	2.2E-11		4.7E-08
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			6.4E-14	8.1E-15		7.3E-14

Table H-637 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethene			1.1E-14	1.4E-15		1.3E-14
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			5.3E-08	1.3E-15		5.3E-08
Trichlorofluoromethane						
Vinyl chloride			4.7E-09	9.7E-13		4.7E-09
Grand Total	3.0E-05	2.8E-05	1.3E-06	9.5E-08	1.3E-08	5.9E-05

Table H-638 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			4.2E-05	5.2E-06		4.7E-05
Aldehydes						
Acetaldehyde			1.6E-04	2.0E-05		1.8E-04
Formaldehyde			6.3E-05	7.9E-06		7.1E-05
Propionaldehyde			2.0E-05	2.5E-06	2.1E-12	2.2E-05
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-638 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	7.9E-08	3.1E-07	1.3E-06	1.6E-07	1.8E-10	1.8E-06
2,3,7,8-TCDF						
OCDD						
OCDF						
HCN						
Hydrogen cyanide			2.0E-04	2.5E-05		2.2E-04
Metals						
Aluminum		9.4E-03			9.2E-05	9.5E-03
Antimony		1.1E-03				1.1E-03
Arsenic	6.5E-04	1.5E-03	4.0E-05	4.9E-06	2.5E-06	2.2E-03
Barium		2.2E-08	2.5E-04	3.1E-05	4.3E-10	2.8E-04
Beryllium		5.2E-13	2.1E-06	2.7E-07	2.6E-15	2.4E-06
Cadmium		8.2E-13	7.6E-05	9.5E-06	4.0E-15	8.5E-05
Chromium		6.4E-11				6.4E-11
Cobalt		6.0E-02	1.6E-03	2.0E-04	1.5E-04	6.2E-02
Copper		1.1E-08				1.1E-08
Iron		2.5E-02				2.5E-02
Lead						
Manganese						
Mercury (+2)		2.1E-10	7.8E-08	9.8E-09	1.0E-14	8.8E-08

Table H-638 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental			3.3E-10	4.1E-11	1.4E-04	1.4E-04
Methyl Mercury		3.8E-11				3.8E-11
Nickel		2.0E-02	3.9E-05	4.8E-06	2.2E-04	2.0E-02
Phosphorus		3.7E-10				3.7E-10
Selenium		8.1E-15	8.7E-09	1.1E-09	9.9E-20	9.8E-09
Silver		1.7E-10				1.7E-10
Titanium						
Zinc		6.1E-13				6.1E-13
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.4E-15	3.1E-15				6.5E-15
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	5.8E-14	5.2E-14				1.1E-13
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						
Benzo(e)pyrene						

Table H-638 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						
Biphenyl		6.7E-15	2.8E-04	3.5E-05	4.9E-12	3.1E-04
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	1.7E-12	1.5E-12				3.2E-12
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene	9.4E-06	8.5E-06	5.0E-05	6.2E-06	8.2E-05	1.6E-04
Perylene						
Phenanthrene						
Pyrene	9.3E-12	8.5E-12				1.8E-11
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	1.4E-11	1.2E-11				2.6E-11
Heptachlorobiphenyl	5.8E-12	4.9E-12	9.8E-10	1.2E-10	3.8E-15	1.1E-09
Hexachlorobiphenyl	2.6E-11	2.2E-11	4.1E-06	5.1E-07	1.7E-11	4.6E-06
Monochlorobiphenyl	9.8E-11	8.3E-11				1.8E-10
Nonachlorobiphenyl	1.0E-12	8.6E-13				1.9E-12
Octachlorobiphenyl	1.9E-12	1.6E-12				3.5E-12

Table H-638 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Pentachlorobiphenyl	9.4E-11	8.0E-11	4.6E-05	5.7E-06	2.0E-10	5.1E-05
Tetrachlorobiphenyl	5.4E-12	4.5E-12	2.3E-07	2.9E-08	2.3E-13	2.6E-07
Trichlorobiphenyl	6.5E-12	5.5E-12				1.2E-11
Pesticides						
DDE						
Dieldrin	1.2E-03	1.5E-03				2.7E-03
SVOCs						
1,2,4-trichlorobenzene			1.3E-07	1.7E-08		1.5E-07
1,2-dichlorobenzene			5.4E-10	6.8E-11		6.1E-10
1,3-Butadiene			1.4E-02			1.4E-02
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.9E-09	2.4E-10		2.1E-09
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			9.3E-08	1.2E-08		1.0E-07
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-10	4.0E-10				7.4E-10
Butyl benzyl phthalate	1.6E-14	1.9E-14				3.6E-14

Table H-638 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbazole						
Dibenzofuran	1.4E-13	5.7E-13				7.1E-13
Dimethyl phthalate						
Di-n-butyl phthalate	3.3E-14	3.9E-14				7.1E-14
Di-n-octyl phthalate	9.4E-13	1.1E-12				2.1E-12
Hexachlorobutadiene						
Isopropanol			1.6E-02			1.6E-02
Phenol			1.5E-06	1.9E-07		1.7E-06
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			2.7E-11	3.3E-12		3.0E-11
1,1-Dichloroethene			1.3E-10	1.6E-11		1.5E-10
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.6E-07	4.5E-08		4.1E-07
1,2,4-Trimethylbenzene			8.9E-07	1.1E-07		1.0E-06
1,2-Dibromoethane			7.7E-09	9.6E-10		8.6E-09
1,2-Dichloroethane			4.0E-07	1.4E-04		1.4E-04
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone			6.6E-09	8.3E-10		7.4E-09

Table H-638 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
2-Chlorotoluene						
2-Hexanone			2.3E-07	2.8E-08		2.5E-07
Benzene			3.7E-03	3.2E-04		4.0E-03
Bromobenzene			6.2E-07	7.8E-08		7.0E-07
Bromochloromethane			2.2E-09	2.8E-10		2.5E-09
Bromodichloromethane						
Bromomethane			7.6E-07	9.5E-08		8.6E-07
Carbon disulfide			4.8E-09	6.0E-10		5.4E-09
Carbon tetrachloride			1.4E-03	1.5E-04		1.5E-03
Chlorobenzene			9.6E-08	1.2E-08		1.1E-07
Chlorodibromomethane						
Chloroethane			9.1E-10	1.1E-10		1.0E-09
Chloroform			3.3E-04	2.4E-05		3.5E-04
Chloromethane			3.4E-07	4.3E-08		3.9E-07
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			5.1E-08	6.4E-09		5.7E-08
Dichlorodifluoromethane			2.5E-09	3.1E-10		2.8E-09
Ethylbenzene			5.3E-05	2.4E-08		5.3E-05
Isopropylbenzene			3.9E-08	4.9E-09		4.4E-08
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.2E-10	1.5E-11		1.3E-10
Methylene chloride			3.0E-08	3.8E-09		3.4E-08

Table H-638 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene			9.4E-09	1.2E-09		1.1E-08
o-Xylene			2.3E-07	2.9E-08		2.6E-07
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			5.1E-07	6.4E-08		5.7E-07
tert-Butylbenzene						
Tetrachloroethene			3.0E-09	3.8E-10		3.4E-09
Toluene			6.3E-08	7.9E-09		7.1E-08
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			1.8E-02	4.5E-10		1.8E-02
Trichlorofluoromethane						
Vinyl chloride			3.0E-05	6.2E-09		3.0E-05
Grand Total	1.9E-03	1.2E-01	5.6E-02	1.0E-03	6.9E-04	1.8E-01

Table H-639 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.1E-09	4.1E-08	1.4E-10	1.4E-08			5.6E-08
Formaldehyde						2.9E-09	9.4E-08	3.6E-10	3.1E-08			1.3E-07
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	5.7E-16	5.8E-13	1.1E-11	2.3E-12	8.5E-11	1.2E-10	4.6E-09	1.4E-11	1.5E-09	3.3E-17	2.7E-15	6.3E-09
1,2,3,4,6,7,8-HpCDF	5.6E-16	5.8E-13	1.1E-11	2.3E-12	8.5E-11	1.2E-10	4.6E-09	1.5E-11	1.5E-09	3.3E-17	2.7E-15	6.4E-09
1,2,3,4,7,8,9-HpCDF	8.4E-17	6.7E-14	1.3E-12	2.6E-13	1.0E-11	1.5E-11	6.0E-10	1.8E-12	2.0E-10	3.8E-18	3.2E-16	8.3E-10
1,2,3,4,7,8-HxCDD	6.5E-15	6.6E-13	1.3E-11	2.6E-12	1.0E-10	1.4E-10	5.6E-09	1.7E-11	1.9E-09	3.7E-17	3.1E-15	7.7E-09
1,2,3,4,7,8-HxCDF	4.5E-14	5.2E-12	1.0E-10	2.0E-11	7.9E-10	1.1E-09	4.5E-08	1.4E-10	1.5E-08	2.9E-16	2.5E-14	6.3E-08
1,2,3,6,7,8-HxCDD	1.2E-14	1.3E-12	2.6E-11	5.3E-12	2.0E-10	2.9E-10	1.2E-08	3.6E-11	3.9E-09	7.5E-17	6.4E-15	1.6E-08
1,2,3,6,7,8-HxCDF	1.6E-14	1.7E-12	3.3E-11	6.7E-12	2.6E-10	3.6E-10	1.5E-08	4.5E-11	4.9E-09	9.6E-17	8.2E-15	2.0E-08
1,2,3,7,8,9-HxCDD	1.8E-14	2.1E-12	4.1E-11	8.3E-12	3.2E-10	4.4E-10	1.8E-08	5.5E-11	5.9E-09	1.2E-16	1.0E-14	2.5E-08
1,2,3,7,8,9-HxCDF	1.3E-15	1.2E-13	2.4E-12	4.8E-13	1.9E-11	2.8E-11	1.1E-09	3.5E-12	3.8E-10	6.9E-18	5.9E-16	1.6E-09
1,2,3,7,8-PeCDD	3.4E-13	7.4E-12	1.4E-10	2.9E-11	1.1E-09	1.8E-09	7.2E-08	2.2E-10	2.4E-08	4.2E-16	3.6E-14	9.9E-08
1,2,3,7,8-PeCDF	2.4E-14	4.4E-13	8.6E-12	1.7E-12	6.8E-11	1.2E-10	5.1E-09	1.6E-11	1.7E-09	2.5E-17	2.1E-15	7.0E-09
2,3,4,6,7,8-HxCDF	2.4E-14	2.7E-12	5.0E-11	1.0E-11	4.0E-10	5.6E-10	2.3E-08	7.1E-11	7.5E-09	1.5E-16	1.2E-14	3.1E-08
2,3,4,7,8-PeCDF	3.8E-13	1.0E-11	2.0E-10	4.1E-11	1.6E-09	2.8E-09	1.1E-07	3.5E-10	3.8E-08	5.9E-16	5.1E-14	1.6E-07
2,3,7,8-TCDD	1.2E-13	1.5E-12	2.2E-11	5.9E-12	1.7E-10	7.0E-10	2.4E-08	8.8E-11	7.9E-09	5.9E-14	3.7E-12	3.2E-08
2,3,7,8-TCDF	3.7E-14	2.7E-13	5.5E-12	1.1E-12	4.3E-11	2.6E-10	1.1E-08	3.2E-11	3.6E-09	1.5E-17	1.4E-15	1.5E-08
OCDD	7.7E-20	3.9E-15	7.2E-14	1.5E-14	5.7E-13	7.6E-13	3.0E-11	9.5E-14	1.0E-11	2.2E-19	1.8E-17	4.2E-11
OCDF	2.9E-20	1.5E-15	2.7E-14	5.9E-15	2.1E-13	2.9E-13	1.1E-11	3.6E-14	3.7E-12	8.5E-20	6.7E-18	1.5E-11
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-639 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	4.4E-16	1.0E-07	2.6E-17	2.5E-07	1.2E-16	9.1E-10	3.2E-08	1.1E-10	1.1E-08	5.8E-11	6.3E-20	4.0E-07
Barium												
Beryllium						3.7E-11	1.2E-09	4.6E-12	4.1E-10	4.4E-20	3.6E-18	1.7E-09
Cadmium						4.9E-10	1.7E-08	6.1E-11	5.7E-09	2.6E-20	2.2E-18	2.3E-08
Chromium												
Cobalt						3.2E-08	5.8E-07	3.9E-09	1.9E-07	2.8E-09	3.0E-12	8.1E-07
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.2E-10	1.1E-08	4.0E-11	3.7E-09	1.8E-09	1.6E-18	1.7E-08
Phosphorus												
Selenium												
Silver												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		2.5E-18	5.0E-17	2.2E-18	9.2E-17							1.5E-16
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.6E-12	2.3E-06	1.0E-11	2.1E-06	1.9E-11	1.2E-10	5.1E-09	1.5E-11	1.7E-09	4.8E-09	9.5E-14	4.5E-06
Benzo(a)pyrene	8.0E-12	2.0E-05	4.4E-11	1.8E-05	8.1E-11	4.6E-10	1.9E-08	5.8E-11	6.4E-09	1.3E-10	1.3E-15	3.8E-05
Benzo(b)fluoranthene	2.2E-13	3.2E-06	2.4E-13	2.9E-06	4.4E-13	5.2E-11	2.1E-09	6.4E-12	6.9E-10	2.1E-11	7.1E-18	6.1E-06
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-639 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene	1.8E-16	1.7E-07	1.4E-14	1.6E-07	2.6E-14	4.6E-13	8.2E-12	5.7E-14	2.7E-12	1.2E-11	4.2E-18			3.3E-07
Biphenyl				9.5E-18	4.0E-16									4.1E-16
Chrysene	2.8E-15	2.5E-08	1.3E-13	2.2E-08	2.3E-13	2.0E-11	8.3E-10	2.5E-12	2.8E-10	1.6E-12	3.7E-17			4.8E-08
Dibenze(a,h)anthracene	4.0E-13	3.8E-06	1.6E-11	3.5E-06	2.8E-11	8.0E-11	3.3E-09	9.9E-12	1.1E-09	2.8E-11	5.0E-16			7.3E-06
Fluoranthene														
Fluorene														
Indeno(1,2,3-cd)pyrene	1.0E-13	5.0E-07	4.3E-12	4.6E-07	7.9E-12	2.4E-11	1.0E-09	3.0E-12	3.3E-10	3.4E-12	1.3E-16			9.6E-07
Napthalene						1.8E-09	7.5E-08	2.3E-10	2.5E-08	3.0E-09				1.1E-07
Perylene														
Phenanthrene														
Pyrene														
Particulate														
Particulate Total Suspended Particulate														
PM<10														
PM<2.5														
PCBs														
Dichlorobiphenyl	1.5E-16	1.4E-17	2.9E-16	1.2E-17	4.8E-16	6.6E-13	2.7E-11	8.3E-14	9.1E-12	3.2E-19	2.8E-17			3.7E-11
Heptachlorobiphenyl	1.6E-16	4.8E-17	9.2E-16	4.0E-17	1.6E-15	2.6E-13	1.0E-11	3.2E-14	3.5E-12	5.8E-19	5.0E-17			1.4E-11
Hexachlorobiphenyl	6.6E-16	2.2E-16	3.9E-15	1.8E-16	6.5E-15	1.1E-12	4.2E-11	1.4E-13	1.4E-11	2.6E-18	2.1E-16			5.7E-11
Monochlorobiphenyl	1.1E-15	1.0E-16	2.0E-15	8.4E-17	3.4E-15	4.6E-12	1.9E-10	5.8E-13	6.3E-11	2.3E-18	2.0E-16			2.6E-10
Nonachlorobiphenyl	2.0E-17	8.4E-18	1.3E-16	7.1E-18	2.2E-16	3.7E-14	1.3E-12	4.6E-15	4.3E-13	1.0E-19	7.1E-18			1.8E-12
Octachlorobiphenyl	4.9E-17	1.5E-17	2.8E-16	1.3E-17	4.8E-16	7.9E-14	3.1E-12	9.9E-15	1.0E-12	1.9E-19	1.5E-17			4.2E-12
Pentachlorobiphenyl	2.2E-15	7.8E-16	1.3E-14	6.5E-16	2.2E-14	3.7E-12	1.4E-10	4.6E-13	4.7E-11	9.5E-18	7.2E-16			1.9E-10
Tetrachlorobiphenyl	4.5E-17	5.5E-18	9.3E-17	4.6E-18	1.6E-16	2.2E-13	8.1E-12	2.7E-14	2.7E-12	1.2E-19	9.2E-18			1.1E-11
Trichlorobiphenyl	5.9E-17	6.6E-18	1.2E-16	5.6E-18	2.0E-16	2.7E-13	1.1E-11	3.4E-14	3.5E-12	1.5E-19	1.2E-17			1.4E-11
Pesticides														
DDE				7.8E-08						7.1E-10				7.9E-08
Dieldrin		3.5E-07		4.2E-07						5.9E-12				7.7E-07
SVOCs														
1,2,4-trichlorobenzene														
1,2-dichlorobenzene														
1,3-Butadiene							2.9E-07							2.9E-07
1,3-dichlorobenzene														
1,4-dichlorobenzene	1.8E-19						6.0E-12	2.7E-10	7.5E-13	8.9E-11				3.6E-10
2,4-Dimethylphenol														

Table H-639 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.5E-15	3.4E-14	6.0E-13	4.0E-14	1.4E-12	1.6E-10	6.3E-09	2.0E-11	2.1E-09	3.3E-19	2.6E-17	8.6E-09
Butyl benzyl phthalate	1.2E-16	2.2E-18	4.5E-17	2.6E-18	1.1E-16							2.8E-16
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	1.9E-16					3.5E-10	6.2E-09	4.4E-11	2.1E-09			8.7E-09
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	2.5E-20					3.6E-13	1.2E-11	4.5E-14	4.0E-12			1.6E-11
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.2E-17											1.2E-17
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	2.7E-19					1.5E-11	2.6E-10	1.9E-12	8.8E-11			3.7E-10
1,2-Dichloroethane	3.8E-19					2.6E-11	9.7E-10	9.3E-09	3.2E-10			1.1E-08
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-639 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	3.9E-17					3.1E-07	9.5E-08	2.7E-08	3.2E-08			4.6E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	7.0E-21					1.3E-12	2.2E-11	1.6E-13	7.5E-12			3.1E-11
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	3.4E-21					3.0E-07	8.3E-12	3.3E-08	2.8E-12			3.3E-07
Chlorobenzene												
Chlorodibromomethane	5.5E-19											5.5E-19
Chloroethane												
Chloroform	3.1E-20					2.6E-07	3.1E-10	2.0E-08	1.0E-10			2.8E-07
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	5.9E-18					4.7E-08	6.6E-09	2.2E-11	2.2E-09			5.6E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	1.9E-20					6.4E-14	2.4E-12	8.1E-15	7.9E-13			3.2E-12
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.0E-22					1.1E-14	3.9E-13	1.4E-15	1.3E-13			5.4E-13
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.1E-22					5.3E-08	1.9E-13	1.3E-15	6.3E-14			5.3E-08
Trichlorofluoromethane												

Table H-639 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.2E-19					4.7E-09	1.9E-10	9.7E-13	6.3E-11			4.9E-09
Grand Total	1.1E-11	3.0E-05	7.5E-10	2.8E-05	5.4E-09	1.3E-06	1.3E-06	9.5E-08	4.5E-07	1.3E-08	7.0E-12	6.1E-05

Table H-640 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	1.5E-03	5.2E-06	5.0E-04			2.0E-03
Aldehydes												
Acetaldehyde						1.6E-04	5.8E-03	2.0E-05	1.9E-03			7.9E-03
Formaldehyde	2.3E-12					6.3E-05	2.1E-03	7.9E-06	6.9E-04			2.8E-03
Propionaldehyde						2.0E-05	7.2E-04	2.5E-06	2.4E-04	2.1E-12	1.5E-10	9.8E-04
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-06	3.1E-07	9.0E-06	1.3E-06	4.3E-05	1.6E-07	1.4E-05	1.8E-10	1.2E-08	7.0E-05
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	7.7E-03	2.5E-05	2.6E-03			1.1E-02
Metals												
Aluminum				9.4E-03						9.2E-05		9.5E-03
Antimony	3.9E-14			1.1E-03								1.1E-03

Table H-640 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	6.5E-04	1.6E-13	1.5E-03	7.6E-13	4.0E-05	1.4E-03	4.9E-06	4.7E-04	2.5E-06	2.7E-15	4.1E-03
Barium	1.4E-11			2.2E-08	7.5E-07	2.5E-04	6.8E-03	3.1E-05	2.3E-03	4.3E-10	3.2E-08	9.3E-03
Beryllium	1.7E-14			5.2E-13	2.0E-11	2.1E-06	7.3E-05	2.7E-07	2.4E-05	2.6E-15	2.1E-13	9.9E-05
Cadmium	8.3E-12			8.2E-13	3.1E-11	7.6E-05	2.6E-03	9.5E-06	8.8E-04	4.0E-15	3.4E-13	3.6E-03
Chromium	1.9E-15			6.4E-11	2.5E-09							2.6E-09
Cobalt				6.0E-02	4.7E-05	1.6E-03	3.0E-02	2.0E-04	9.9E-03	1.5E-04	2.6E-07	1.0E-01
Copper				1.1E-08	4.3E-07							4.4E-07
Iron				2.5E-02								2.5E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.6E-09	7.8E-08	2.8E-06	9.8E-09	9.2E-07	1.0E-14	7.1E-13	3.8E-06
Mercury, elemental						3.3E-10	1.2E-08	4.1E-11	3.8E-09	1.4E-04		1.4E-04
Methyl Mercury	1.3E-10			3.8E-11	1.5E-09							1.6E-09
Nickel	1.7E-13			2.0E-02	7.8E-12	3.9E-05	1.3E-03	4.8E-06	4.4E-04	2.2E-04	1.9E-13	2.2E-02
Phosphorus				3.7E-10	1.4E-08							1.4E-08
Selenium	5.5E-14			8.1E-15	3.1E-13	8.7E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-20	8.4E-18	4.2E-07
Silver	4.2E-14			1.7E-10	6.3E-09							6.5E-09
Titanium												
Zinc	1.4E-11			6.1E-13	2.2E-11							3.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	6.9E-14	3.1E-15	1.3E-13							2.0E-13
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	1.2E-12	5.2E-14	2.1E-12							3.4E-12
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-640 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	2.8E-13	2.8E-04	1.2E-02	3.5E-05	3.9E-03	4.9E-12	4.5E-10	1.6E-02
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	3.4E-11	1.5E-12	6.3E-11							1.1E-10
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12	9.4E-06		8.5E-06		5.0E-05	2.1E-03	6.2E-06	6.9E-04	8.2E-05		2.9E-03
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.9E-10	8.5E-12	3.5E-10							5.6E-10
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.8E-10	1.2E-11	4.7E-10							8.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	1.1E-10	4.9E-12	1.9E-10	9.8E-10	3.9E-08	1.2E-10	1.3E-08	3.8E-15	3.3E-13	5.4E-08
Hexachlorobiphenyl	4.7E-11	2.6E-11	4.7E-10	2.2E-11	8.0E-10	4.1E-06	1.6E-04	5.1E-07	5.3E-05	1.7E-11	1.4E-09	2.2E-04
Monochlorobiphenyl	6.1E-10	9.8E-11	2.0E-09	8.3E-11	3.3E-09							6.0E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.6E-11	8.6E-13	2.7E-11							4.6E-11
Octachlorobiphenyl	3.4E-12	1.9E-12	3.4E-11	1.6E-12	5.8E-11							9.9E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.6E-09	8.0E-11	2.7E-09	4.6E-05	1.7E-03	5.7E-06	5.7E-04	2.0E-10	1.5E-08	2.3E-03
Tetrachlorobiphenyl	2.6E-11	5.4E-12	9.1E-11	4.5E-12	1.5E-10	2.3E-07	8.7E-06	2.9E-08	2.9E-06	2.3E-13	1.7E-11	1.2E-05
Trichlorobiphenyl	3.4E-11	6.5E-12	1.2E-10	5.5E-12	2.0E-10							3.6E-10
Pesticides												
DDE												
Dieldrin		1.2E-03		1.5E-03								2.7E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	4.3E-06	1.7E-08	1.4E-06			5.9E-06
1,2-dichlorobenzene	3.1E-17					5.4E-10	9.7E-09	6.8E-11	3.2E-09			1.4E-08
1,3-Butadiene						1.4E-02						1.4E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	8.5E-08	2.4E-10	2.8E-08			1.2E-07
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-640 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	3.9E-06	1.2E-08	1.3E-06			5.3E-06
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	6.0E-09	4.0E-10	1.4E-08							2.1E-08
Butyl benzyl phthalate	8.8E-13	1.6E-14	3.3E-13	1.9E-14	7.9E-13							2.0E-12
Carbazole												
Dibenzofuran		1.4E-13	2.9E-12	5.7E-13	2.3E-11							2.6E-11
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	6.7E-13	3.9E-14	1.6E-12							1.9E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	8.7E-12	1.1E-12	2.1E-11							3.1E-11
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.6E-02						1.6E-02
Phenol	4.9E-13					1.5E-06	6.2E-05	1.9E-07	2.1E-05			8.5E-05
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	1.0E-09	3.3E-12	3.3E-10			1.4E-09
1,1-Dichloroethene	1.2E-19					1.3E-10	2.3E-09	1.6E-11	7.7E-10			3.2E-09
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	6.4E-06	4.5E-08	2.1E-06			9.0E-06
1,2,4-Trimethylbenzene						8.9E-07	2.8E-05	1.1E-07	9.4E-06			3.9E-05
1,2-Dibromoethane	4.1E-17					7.7E-09	1.4E-07	9.6E-10	4.6E-08			1.9E-07
1,2-Dichloroethane	1.9E-15					4.0E-07	1.5E-05	1.4E-04	5.0E-06			1.6E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	2.6E-07	8.3E-10	8.7E-08			3.6E-07
2-Chlorotoluene												
2-Hexanone						2.3E-07	8.2E-06	2.8E-08	2.7E-06			1.1E-05

Table H-640 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					3.7E-03	1.1E-03	3.2E-04	3.8E-04			5.5E-03
Bromobenzene						6.2E-07	1.1E-05	7.8E-08	3.7E-06			1.5E-05
Bromochloromethane						2.2E-09	3.9E-08	2.8E-10	1.3E-08			5.5E-08
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	2.3E-05	9.5E-08	7.6E-06			3.1E-05
Carbon disulfide	1.3E-17					4.8E-09	1.4E-07	6.0E-10	4.7E-08			1.9E-07
Carbon tetrachloride	3.4E-17					1.4E-03	3.9E-08	1.5E-04	1.3E-08			1.5E-03
Chlorobenzene	2.3E-15					9.6E-08	3.4E-06	1.2E-08	1.1E-06			4.7E-06
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	3.2E-08	1.1E-10	1.1E-08			4.3E-08
Chloroform	2.8E-16					3.3E-04	3.9E-07	2.4E-05	1.3E-07			3.5E-04
Chloromethane						3.4E-07	1.0E-05	4.3E-08	3.5E-06			1.4E-05
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	9.1E-07	6.4E-09	3.0E-07			1.3E-06
Dichlorodifluoromethane	2.4E-20					2.5E-09	4.4E-08	3.1E-10	1.5E-08			6.2E-08
Ethylbenzene	1.5E-14					5.3E-05	7.4E-06	2.4E-08	2.5E-06			6.2E-05
Isopropylbenzene	2.0E-17					3.9E-08	1.3E-06	4.9E-09	4.5E-07			1.8E-06
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.1E-09	1.5E-11	7.1E-10			3.0E-09
Methylene chloride	4.3E-15					3.0E-08	1.1E-06	3.8E-09	3.7E-07			1.5E-06
n-Butylbenzene												
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07			4.2E-07
o-Xylene	1.4E-15					2.3E-07	7.6E-06	2.9E-08	2.5E-06			1.0E-05
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.9E-05	6.4E-08	6.2E-06			2.5E-05
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	1.1E-07	3.8E-10	3.5E-08			1.4E-07
Toluene	2.0E-14					6.3E-08	2.5E-06	7.9E-09	8.3E-07			3.4E-06
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					1.8E-02	6.5E-08	4.5E-10	2.2E-08			1.8E-02
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-640 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					3.0E-05	1.2E-06	6.2E-09	4.0E-07			3.1E-05
Grand Total	5.0E-09	1.9E-03	1.1E-06	1.2E-01	5.8E-05	5.6E-02	7.7E-02	1.0E-03	2.6E-02	6.9E-04	3.2E-07	2.8E-01

Table H-641 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			1.1E-09	1.4E-10		1.3E-09
Formaldehyde			2.9E-09	3.6E-10		3.2E-09
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	5.8E-13	2.3E-12	1.2E-10	1.4E-11	3.3E-17	1.3E-10
1,2,3,4,6,7,8-HpCDF	5.8E-13	2.3E-12	1.2E-10	1.5E-11	3.3E-17	1.3E-10
1,2,3,4,7,8,9-HpCDF	6.7E-14	2.6E-13	1.5E-11	1.8E-12	3.8E-18	1.7E-11
1,2,3,4,7,8-HxCDD	6.6E-13	2.6E-12	1.4E-10	1.7E-11	3.7E-17	1.6E-10
1,2,3,4,7,8-HxCDF	5.2E-12	2.0E-11	1.1E-09	1.4E-10	2.9E-16	1.3E-09
1,2,3,6,7,8-HxCDD	1.3E-12	5.3E-12	2.9E-10	3.6E-11	7.5E-17	3.3E-10
1,2,3,6,7,8-HxCDF	1.7E-12	6.7E-12	3.6E-10	4.5E-11	9.6E-17	4.2E-10
1,2,3,7,8,9-HxCDD	2.1E-12	8.3E-12	4.4E-10	5.5E-11	1.2E-16	5.1E-10
1,2,3,7,8,9-HxCDF	1.2E-13	4.8E-13	2.8E-11	3.5E-12	6.9E-18	3.2E-11
1,2,3,7,8-PeCDD	7.4E-12	2.9E-11	1.8E-09	2.2E-10	4.2E-16	2.0E-09

Table H-641 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	4.4E-13	1.7E-12	1.2E-10	1.6E-11	2.5E-17	1.4E-10
2,3,4,6,7,8-HxCDF	2.7E-12	1.0E-11	5.6E-10	7.1E-11	1.5E-16	6.5E-10
2,3,4,7,8-PeCDF	1.0E-11	4.1E-11	2.8E-09	3.5E-10	5.9E-16	3.2E-09
2,3,7,8-TCDD	1.5E-12	5.9E-12	7.0E-10	8.8E-11	5.9E-14	8.0E-10
2,3,7,8-TCDF	2.7E-13	1.1E-12	2.6E-10	3.2E-11	1.5E-17	2.9E-10
OCDD	3.9E-15	1.5E-14	7.6E-13	9.5E-14	2.2E-19	8.8E-13
OCDF	1.5E-15	5.9E-15	2.9E-13	3.6E-14	8.5E-20	3.3E-13
HCN						
Hydrogen cyanide						
Metals						
Aluminum						
Antimony						
Arsenic	3.2E-07	7.6E-07	9.1E-10	1.1E-10	1.8E-10	1.1E-06
Barium						
Beryllium			3.7E-11	4.6E-12	4.4E-20	4.1E-11
Cadmium			4.9E-10	6.1E-11	2.6E-20	5.5E-10
Chromium						
Cobalt			3.2E-08	3.9E-09	4.9E-09	4.0E-08
Copper						
Iron						
Lead						
Manganese						
Mercury (+2)						

Table H-641 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental						
Methyl Mercury						
Nickel			3.2E-10	4.0E-11	2.7E-09	3.0E-09
Phosphorus						
Selenium						
Silver						
Thallium (Soluble Salts)						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	2.5E-18	2.2E-18				4.7E-18
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	2.3E-08	2.1E-08	1.2E-10	1.5E-11	4.8E-11	4.5E-08
Benzo(a)pyrene	2.2E-07	2.0E-07	4.6E-10	5.8E-11	1.5E-12	4.2E-07
Benzo(b)fluoranthene	3.4E-08	3.1E-08	5.2E-11	6.4E-12	2.3E-13	6.5E-08

Table H-641 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	1.8E-09	1.7E-09	4.6E-13	5.7E-14	1.2E-13	3.5E-09
Biphenyl		9.5E-18				9.5E-18
Chrysene	2.9E-10	2.7E-10	2.0E-11	2.5E-12	2.0E-14	5.9E-10
Dibenze(a,h)anthracene	5.2E-08	4.7E-08	8.0E-11	9.9E-12	3.8E-13	9.9E-08
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	1.5E-08	1.3E-08	2.4E-11	3.0E-12	9.9E-14	2.8E-08
Napthalene			1.8E-09	2.3E-10		2.0E-09
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	1.4E-17	1.2E-17	6.6E-13	8.3E-14	3.2E-19	7.5E-13
Heptachlorobiphenyl	4.8E-17	4.0E-17	2.6E-13	3.2E-14	5.8E-19	2.9E-13
Hexachlorobiphenyl	2.2E-16	1.8E-16	1.1E-12	1.4E-13	2.6E-18	1.2E-12
Monochlorobiphenyl	1.0E-16	8.4E-17	4.6E-12	5.8E-13	2.3E-18	5.2E-12
Nonachlorobiphenyl	8.4E-18	7.1E-18	3.7E-14	4.6E-15	1.0E-19	4.1E-14

Table H-641 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Octachlorobiphenyl	1.5E-17	1.3E-17	7.9E-14	9.9E-15	1.9E-19	8.9E-14
Pentachlorobiphenyl	7.8E-16	6.5E-16	3.7E-12	4.6E-13	9.5E-18	4.2E-12
Tetrachlorobiphenyl	5.5E-18	4.6E-18	2.2E-13	2.7E-14	1.2E-19	2.4E-13
Trichlorobiphenyl	6.6E-18	5.6E-18	2.7E-13	3.4E-14	1.5E-19	3.1E-13
Pesticides						
DDE		1.1E-08			9.9E-11	1.1E-08
Dieldrin	2.7E-09	3.2E-09			4.5E-14	5.9E-09
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-dichlorobenzene						
1,4-dichlorobenzene			6.0E-12	7.5E-13		6.7E-12
1,4-Dioxane			2.3E-07			2.3E-07
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-14	4.0E-14	1.6E-10	2.0E-11	3.3E-19	1.8E-10

Table H-641 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Butyl benzyl phthalate	2.2E-18	2.6E-18				4.8E-18
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			3.5E-10	4.4E-11		3.9E-10
Isopropanol						
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			3.6E-13	4.5E-14		4.0E-13
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			1.5E-11	1.9E-12		1.7E-11
1,2-Dichloroethane			2.6E-11	9.3E-09		9.3E-09
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						

Table H-641 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
2-Butanone						
2-Chlorotoluene						
2-Hexanone						
Benzene			1.8E-07	2.7E-08		2.1E-07
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			1.3E-12	1.6E-13		1.4E-12
Bromomethane						
Carbon disulfide						
Carbon tetrachloride			2.8E-07	3.3E-08		3.1E-07
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			3.6E-07	2.0E-08		3.8E-07
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			3.3E-08	2.2E-11		3.3E-08
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						

Table H-641 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Methylene chloride			6.4E-14	8.1E-15		7.3E-14
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethene			1.1E-14	1.4E-15		1.3E-14
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			1.5E-08	1.3E-15		1.5E-08
Trichlorofluoromethane						
Vinyl chloride			2.2E-08	9.7E-13		2.2E-08
Grand Total	6.7E-07	1.1E-06	1.2E-06	9.5E-08	7.9E-09	3.0E-06

Table H-642 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			4.2E-05	5.2E-06		4.7E-05
Aldehydes						
Acetaldehyde			1.6E-04	2.0E-05		1.8E-04
Formaldehyde			6.3E-05	7.9E-06		7.1E-05
Propionaldehyde			2.0E-05	2.5E-06	2.1E-12	2.2E-05
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-642 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	7.9E-08	3.1E-07	1.3E-06	1.6E-07	1.8E-10	1.8E-06
2,3,7,8-TCDF						
OCDD						
OCDF						
HCN						
Hydrogen cyanide			2.0E-04	2.5E-05		2.2E-04
Metals						
Aluminum		1.1E-02			1.1E-04	1.1E-02
Antimony		6.4E-04				6.4E-04
Arsenic	2.0E-03	4.7E-03	4.0E-05	4.9E-06	7.7E-06	6.8E-03
Barium		2.2E-08	2.5E-04	3.1E-05	4.3E-10	2.8E-04
Beryllium		5.2E-13	2.1E-06	2.7E-07	2.6E-15	2.4E-06
Cadmium		8.2E-13	7.6E-05	9.5E-06	4.0E-15	8.5E-05
Chromium		6.4E-11				6.4E-11
Cobalt		1.0E-01	1.6E-03	2.0E-04	2.6E-04	1.1E-01
Copper		1.1E-08				1.1E-08
Iron		3.6E-02				3.6E-02
Lead						
Manganese						
Mercury (+2)		2.1E-10	7.8E-08	9.8E-09	1.0E-14	8.8E-08

Table H-642 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Mercury, elemental			3.3E-10	4.1E-11	6.3E-03	6.3E-03
Methyl Mercury		3.8E-11				3.8E-11
Nickel		2.9E-02	3.9E-05	4.8E-06	3.2E-04	3.0E-02
Phosphorus		3.7E-10				3.7E-10
Selenium		8.1E-15	8.7E-09	1.1E-09	9.9E-20	9.8E-09
Silver		1.7E-10				1.7E-10
Thallium (Soluble Salts)		2.7E-02				2.7E-02
Titanium						
Zinc		6.1E-13				6.1E-13
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.4E-15	3.1E-15				6.5E-15
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	5.8E-14	5.2E-14				1.1E-13
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						

Table H-642 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						
Biphenyl		6.7E-15	2.8E-04	3.5E-05	4.9E-12	3.1E-04
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	1.7E-12	1.5E-12				3.2E-12
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene			5.0E-05	6.2E-06		5.6E-05
Perylene						
Phenanthrene						
Pyrene	9.3E-12	8.5E-12				1.8E-11
Particulate						
Particulate Total Suspended Partic						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	1.4E-11	1.2E-11				2.6E-11
Heptachlorobiphenyl	5.8E-12	4.9E-12	9.8E-10	1.2E-10	3.8E-15	1.1E-09
Hexachlorobiphenyl	2.6E-11	2.2E-11	4.1E-06	5.1E-07	1.7E-11	4.6E-06
Monochlorobiphenyl	9.8E-11	8.3E-11				1.8E-10
Nonachlorobiphenyl	1.0E-12	8.6E-13				1.9E-12

Table H-642 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Octachlorobiphenyl	1.9E-12	1.6E-12				3.5E-12
Pentachlorobiphenyl	9.4E-11	8.0E-11	4.6E-05	5.7E-06	2.0E-10	5.1E-05
Tetrachlorobiphenyl	5.4E-12	4.5E-12	2.3E-07	2.9E-08	2.3E-13	2.6E-07
Trichlorobiphenyl	6.5E-12	5.5E-12				1.2E-11
Pesticides						
DDE						
Dieldrin	9.4E-06	1.1E-05				2.1E-05
SVOCs						
1,2,4-trichlorobenzene			1.3E-07	1.7E-08		1.5E-07
1,2-dichlorobenzene			5.4E-10	6.8E-11		6.1E-10
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.9E-09	2.4E-10		2.1E-09
1,4-Dioxane			4.3E-03			4.3E-03
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			9.3E-08	1.2E-08		1.0E-07
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-10	4.0E-10				7.4E-10

Table H-642 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Butyl benzyl phthalate	1.6E-14	1.9E-14				3.6E-14
Carbazole						
Dibenzofuran	1.4E-13	5.7E-13				7.1E-13
Dimethyl phthalate						
Di-n-butyl phthalate	3.3E-14	3.9E-14				7.1E-14
Di-n-octyl phthalate	9.4E-13	1.1E-12				2.1E-12
Hexachlorobutadiene						
Isopropanol			1.0E-02			1.0E-02
Phenol			1.5E-06	1.9E-07		1.7E-06
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			2.7E-11	3.3E-12		3.0E-11
1,1-Dichloroethene			1.3E-10	1.6E-11		1.5E-10
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.6E-07	4.5E-08		4.1E-07
1,2,4-Trimethylbenzene			8.9E-07	1.1E-07		1.0E-06
1,2-Dibromoethane			7.7E-09	9.6E-10		8.6E-09
1,2-Dichloroethane			4.0E-07	1.4E-04		1.4E-04
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						

Table H-642 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
2-Butanone			6.6E-09	8.3E-10		7.4E-09
2-Chlorotoluene						
2-Hexanone			2.3E-07	2.8E-08		2.5E-07
Benzene			2.1E-03	3.2E-04		2.5E-03
Bromobenzene			6.2E-07	7.8E-08		7.0E-07
Bromochloromethane			2.2E-09	2.8E-10		2.5E-09
Bromodichloromethane						
Bromomethane			7.6E-07	9.5E-08		8.6E-07
Carbon disulfide			4.8E-09	6.0E-10		5.4E-09
Carbon tetrachloride			1.3E-03	1.5E-04		1.5E-03
Chlorobenzene			9.6E-08	1.2E-08		1.1E-07
Chlorodibromomethane						
Chloroethane			9.1E-10	1.1E-10		1.0E-09
Chloroform			4.4E-04	2.4E-05		4.7E-04
Chloromethane			3.4E-07	4.3E-08		3.9E-07
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			5.1E-08	6.4E-09		5.7E-08
Dichlorodifluoromethane			2.5E-09	3.1E-10		2.8E-09
Ethylbenzene			3.7E-05	2.4E-08		3.7E-05
Isopropylbenzene			3.9E-08	4.9E-09		4.4E-08
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.2E-10	1.5E-11		1.3E-10

Table H-642 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Methylene chloride			3.0E-08	3.8E-09		3.4E-08
n-Butylbenzene						
n-Propylbenzene			9.4E-09	1.2E-09		1.1E-08
o-Xylene			2.3E-07	2.9E-08		2.6E-07
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			5.1E-07	6.4E-08		5.7E-07
tert-Butylbenzene						
Tetrachloroethene			3.0E-09	3.8E-10		3.4E-09
Toluene			6.3E-08	7.9E-09		7.1E-08
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			5.0E-03	4.5E-10		5.0E-03
Trichlorofluoromethane						
Vinyl chloride			1.4E-04	6.2E-09		1.4E-04
Grand Total	2.0E-03	2.1E-01	2.6E-02	1.0E-03	7.0E-03	2.5E-01

Table H-643 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.1E-09	4.1E-08	1.4E-10	1.4E-08			5.6E-08
Formaldehyde						2.9E-09	9.4E-08	3.6E-10	3.1E-08			1.3E-07
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	5.7E-16	5.8E-13	1.1E-11	2.3E-12	8.5E-11	1.2E-10	4.6E-09	1.4E-11	1.5E-09	3.3E-17	2.7E-15	6.3E-09
1,2,3,4,6,7,8-HpCDF	5.6E-16	5.8E-13	1.1E-11	2.3E-12	8.5E-11	1.2E-10	4.6E-09	1.5E-11	1.5E-09	3.3E-17	2.7E-15	6.4E-09
1,2,3,4,7,8,9-HpCDF	8.4E-17	6.7E-14	1.3E-12	2.6E-13	1.0E-11	1.5E-11	6.0E-10	1.8E-12	2.0E-10	3.8E-18	3.2E-16	8.3E-10
1,2,3,4,7,8-HxCDD	6.5E-15	6.6E-13	1.3E-11	2.6E-12	1.0E-10	1.4E-10	5.6E-09	1.7E-11	1.9E-09	3.7E-17	3.1E-15	7.7E-09
1,2,3,4,7,8-HxCDF	4.5E-14	5.2E-12	1.0E-10	2.0E-11	7.9E-10	1.1E-09	4.5E-08	1.4E-10	1.5E-08	2.9E-16	2.5E-14	6.3E-08
1,2,3,6,7,8-HxCDD	1.2E-14	1.3E-12	2.6E-11	5.3E-12	2.0E-10	2.9E-10	1.2E-08	3.6E-11	3.9E-09	7.5E-17	6.4E-15	1.6E-08
1,2,3,6,7,8-HxCDF	1.6E-14	1.7E-12	3.3E-11	6.7E-12	2.6E-10	3.6E-10	1.5E-08	4.5E-11	4.9E-09	9.6E-17	8.2E-15	2.0E-08
1,2,3,7,8,9-HxCDD	1.8E-14	2.1E-12	4.1E-11	8.3E-12	3.2E-10	4.4E-10	1.8E-08	5.5E-11	5.9E-09	1.2E-16	1.0E-14	2.5E-08
1,2,3,7,8,9-HxCDF	1.3E-15	1.2E-13	2.4E-12	4.8E-13	1.9E-11	2.8E-11	1.1E-09	3.5E-12	3.8E-10	6.9E-18	5.9E-16	1.6E-09
1,2,3,7,8-PeCDD	3.4E-13	7.4E-12	1.4E-10	2.9E-11	1.1E-09	1.8E-09	7.2E-08	2.2E-10	2.4E-08	4.2E-16	3.6E-14	9.9E-08
1,2,3,7,8-PeCDF	2.4E-14	4.4E-13	8.6E-12	1.7E-12	6.8E-11	1.2E-10	5.1E-09	1.6E-11	1.7E-09	2.5E-17	2.1E-15	7.0E-09
2,3,4,6,7,8-HxCDF	2.4E-14	2.7E-12	5.0E-11	1.0E-11	4.0E-10	5.6E-10	2.3E-08	7.1E-11	7.5E-09	1.5E-16	1.2E-14	3.1E-08
2,3,4,7,8-PeCDF	3.8E-13	1.0E-11	2.0E-10	4.1E-11	1.6E-09	2.8E-09	1.1E-07	3.5E-10	3.8E-08	5.9E-16	5.1E-14	1.6E-07
2,3,7,8-TCDD	1.2E-13	1.5E-12	2.2E-11	5.9E-12	1.7E-10	7.0E-10	2.4E-08	8.8E-11	7.9E-09	5.9E-14	3.7E-12	3.2E-08
2,3,7,8-TCDF	3.7E-14	2.7E-13	5.5E-12	1.1E-12	4.3E-11	2.6E-10	1.1E-08	3.2E-11	3.6E-09	1.5E-17	1.4E-15	1.5E-08
OCDD	7.7E-20	3.9E-15	7.2E-14	1.5E-14	5.7E-13	7.6E-13	3.0E-11	9.5E-14	1.0E-11	2.2E-19	1.8E-17	4.2E-11
OCDF	2.9E-20	1.5E-15	2.7E-14	5.9E-15	2.1E-13	2.9E-13	1.1E-11	3.6E-14	3.7E-12	8.5E-20	6.7E-18	1.5E-11
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-643 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	4.4E-16	3.2E-07	2.6E-17	7.6E-07	1.2E-16	9.1E-10	3.2E-08	1.1E-10	1.1E-08	1.8E-10	6.3E-20	1.1E-06
Barium												
Beryllium						3.7E-11	1.2E-09	4.6E-12	4.1E-10	4.4E-20	3.6E-18	1.7E-09
Cadmium						4.9E-10	1.7E-08	6.1E-11	5.7E-09	2.6E-20	2.2E-18	2.3E-08
Chromium												
Cobalt						3.2E-08	5.8E-07	3.9E-09	1.9E-07	4.9E-09	3.0E-12	8.1E-07
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.2E-10	1.1E-08	4.0E-11	3.7E-09	2.7E-09	1.6E-18	1.8E-08
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		2.5E-18	5.0E-17	2.2E-18	9.2E-17							1.5E-16
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.6E-12	2.3E-08	1.0E-11	2.1E-08	1.9E-11	1.2E-10	5.1E-09	1.5E-11	1.7E-09	4.8E-11	9.5E-14	5.2E-08
Benzo(a)pyrene	8.0E-12	2.2E-07	4.4E-11	2.0E-07	8.1E-11	4.6E-10	1.9E-08	5.8E-11	6.4E-09	1.5E-12	1.3E-15	4.5E-07
Benzo(b)fluoranthene	2.2E-13	3.4E-08	2.4E-13	3.1E-08	4.4E-13	5.2E-11	2.1E-09	6.4E-12	6.9E-10	2.3E-13	7.1E-18	6.8E-08
Benzo(e)pyrene												

Table H-643 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	1.8E-16	1.8E-09	1.4E-14	1.7E-09	2.6E-14	4.6E-13	8.2E-12	5.7E-14	2.7E-12	1.2E-13	4.2E-18	3.5E-09
Biphenyl				9.5E-18	4.0E-16							4.1E-16
Chrysene	2.8E-15	2.9E-10	1.3E-13	2.7E-10	2.3E-13	2.0E-11	8.3E-10	2.5E-12	2.8E-10	2.0E-14	3.7E-17	1.7E-09
Dibenze(a,h)anthracene	4.0E-13	5.2E-08	1.6E-11	4.7E-08	2.8E-11	8.0E-11	3.3E-09	9.9E-12	1.1E-09	3.8E-13	5.0E-16	1.0E-07
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.0E-13	1.5E-08	4.3E-12	1.3E-08	7.9E-12	2.4E-11	1.0E-09	3.0E-12	3.3E-10	9.9E-14	1.3E-16	3.0E-08
Napthalene						1.8E-09	7.5E-08	2.3E-10	2.5E-08			1.0E-07
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.5E-16	1.4E-17	2.9E-16	1.2E-17	4.8E-16	6.6E-13	2.7E-11	8.3E-14	9.1E-12	3.2E-19	2.8E-17	3.7E-11
Heptachlorobiphenyl	1.6E-16	4.8E-17	9.2E-16	4.0E-17	1.6E-15	2.6E-13	1.0E-11	3.2E-14	3.5E-12	5.8E-19	5.0E-17	1.4E-11
Hexachlorobiphenyl	6.6E-16	2.2E-16	3.9E-15	1.8E-16	6.5E-15	1.1E-12	4.2E-11	1.4E-13	1.4E-11	2.6E-18	2.1E-16	5.7E-11
Monochlorobiphenyl	1.1E-15	1.0E-16	2.0E-15	8.4E-17	3.4E-15	4.6E-12	1.9E-10	5.8E-13	6.3E-11	2.3E-18	2.0E-16	2.6E-10
Nonachlorobiphenyl	2.0E-17	8.4E-18	1.3E-16	7.1E-18	2.2E-16	3.7E-14	1.3E-12	4.6E-15	4.3E-13	1.0E-19	7.1E-18	1.8E-12
Octachlorobiphenyl	4.9E-17	1.5E-17	2.8E-16	1.3E-17	4.8E-16	7.9E-14	3.1E-12	9.9E-15	1.0E-12	1.9E-19	1.5E-17	4.2E-12
Pentachlorobiphenyl	2.2E-15	7.8E-16	1.3E-14	6.5E-16	2.2E-14	3.7E-12	1.4E-10	4.6E-13	4.7E-11	9.5E-18	7.2E-16	1.9E-10
Tetrachlorobiphenyl	4.5E-17	5.5E-18	9.3E-17	4.6E-18	1.6E-16	2.2E-13	8.1E-12	2.7E-14	2.7E-12	1.2E-19	9.2E-18	1.1E-11
Trichlorobiphenyl	5.9E-17	6.6E-18	1.2E-16	5.6E-18	2.0E-16	2.7E-13	1.1E-11	3.4E-14	3.5E-12	1.5E-19	1.2E-17	1.4E-11
Pesticides												
DDE				1.1E-08						9.9E-11		1.1E-08
Dieldrin		2.7E-09		3.2E-09						4.5E-14		5.9E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.8E-19					6.0E-12	2.7E-10	7.5E-13	8.9E-11			3.6E-10
1,4-Dioxane						2.3E-07						2.3E-07

Table H-643 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.5E-15	3.4E-14	6.0E-13	4.0E-14	1.4E-12	1.6E-10	6.3E-09	2.0E-11	2.1E-09	3.3E-19	2.6E-17	8.6E-09
Butyl benzyl phthalate	1.2E-16	2.2E-18	4.5E-17	2.6E-18	1.1E-16							2.8E-16
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	1.9E-16					3.5E-10	6.2E-09	4.4E-11	2.1E-09			8.7E-09
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	2.5E-20					3.6E-13	1.2E-11	4.5E-14	4.0E-12			1.6E-11
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.2E-17											1.2E-17
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	2.7E-19					1.5E-11	2.6E-10	1.9E-12	8.8E-11			3.7E-10
1,2-Dichloroethane	3.8E-19					2.6E-11	9.7E-10	9.3E-09	3.2E-10			1.1E-08
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												

Table H-643 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone												
Benzene	3.9E-17					1.8E-07	9.5E-08	2.7E-08	3.2E-08			3.3E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	7.0E-21					1.3E-12	2.2E-11	1.6E-13	7.5E-12			3.1E-11
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	3.4E-21					2.8E-07	8.3E-12	3.3E-08	2.8E-12			3.1E-07
Chlorobenzene												
Chlorodibromomethane	5.5E-19											5.5E-19
Chloroethane												
Chloroform	3.1E-20					3.6E-07	3.1E-10	2.0E-08	1.0E-10			3.8E-07
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	5.9E-18					3.3E-08	6.6E-09	2.2E-11	2.2E-09			4.1E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	1.9E-20					6.4E-14	2.4E-12	8.1E-15	7.9E-13			3.2E-12
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.0E-22					1.1E-14	3.9E-13	1.4E-15	1.3E-13			5.4E-13
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.1E-22					1.5E-08	1.9E-13	1.3E-15	6.3E-14			1.5E-08

Table H-643 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane												
Vinyl chloride	1.2E-19					2.2E-08	1.9E-10	9.7E-13	6.3E-11			2.2E-08
Grand Total	1.1E-11	6.7E-07	7.5E-10	1.1E-06	5.4E-09	1.2E-06	1.3E-06	9.5E-08	4.5E-07	7.9E-09	7.0E-12	4.8E-06

Table H-644 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	1.5E-03	5.2E-06	5.0E-04			2.0E-03
Aldehydes												
Acetaldehyde						1.6E-04	5.8E-03	2.0E-05	1.9E-03			7.9E-03
Formaldehyde	2.3E-12					6.3E-05	2.1E-03	7.9E-06	6.9E-04			2.8E-03
Propionaldehyde						2.0E-05	7.2E-04	2.5E-06	2.4E-04	2.1E-12	1.5E-10	9.8E-04
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-06	3.1E-07	9.0E-06	1.3E-06	4.3E-05	1.6E-07	1.4E-05	1.8E-10	1.2E-08	7.0E-05
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	7.7E-03	2.5E-05	2.6E-03			1.1E-02
Metals												
Aluminum				1.1E-02						1.1E-04		1.1E-02
Antimony	3.9E-14			6.4E-04								6.4E-04

Table H-644 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	2.0E-03	1.6E-13	4.7E-03	7.6E-13	4.0E-05	1.4E-03	4.9E-06	4.7E-04	7.7E-06	2.7E-15	8.6E-03
Barium	1.4E-11			2.2E-08	7.5E-07	2.5E-04	6.8E-03	3.1E-05	2.3E-03	4.3E-10	3.2E-08	9.3E-03
Beryllium	1.7E-14			5.2E-13	2.0E-11	2.1E-06	7.3E-05	2.7E-07	2.4E-05	2.6E-15	2.1E-13	9.9E-05
Cadmium	8.3E-12			8.2E-13	3.1E-11	7.6E-05	2.6E-03	9.5E-06	8.8E-04	4.0E-15	3.4E-13	3.6E-03
Chromium	1.9E-15			6.4E-11	2.5E-09							2.6E-09
Cobalt	1.0E-01			1.0E-01	4.7E-05	1.6E-03	3.0E-02	2.0E-04	9.9E-03	2.6E-04	2.6E-07	1.5E-01
Copper				1.1E-08	4.3E-07							4.4E-07
Iron				3.6E-02								3.6E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.6E-09	7.8E-08	2.8E-06	9.8E-09	9.2E-07	1.0E-14	7.1E-13	3.8E-06
Mercury, elemental						3.3E-10	1.2E-08	4.1E-11	3.8E-09	6.3E-03		6.3E-03
Methyl Mercury	1.3E-10			3.8E-11	1.5E-09							1.6E-09
Nickel	1.7E-13			2.9E-02	7.8E-12	3.9E-05	1.3E-03	4.8E-06	4.4E-04	3.2E-04	1.9E-13	3.1E-02
Phosphorus				3.7E-10	1.4E-08							1.4E-08
Selenium	5.5E-14			8.1E-15	3.1E-13	8.7E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-20	8.4E-18	4.2E-07
Silver	4.2E-14			1.7E-10	6.3E-09							6.5E-09
Thallium (Soluble Salts)				2.7E-02								2.7E-02
Titanium												
Zinc	1.4E-11			6.1E-13	2.2E-11							3.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	6.9E-14	3.1E-15	1.3E-13							2.0E-13
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	1.2E-12	5.2E-14	2.1E-12							3.4E-12
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-644 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	2.8E-13	2.8E-04	1.2E-02	3.5E-05	3.9E-03	4.9E-12	4.5E-10	1.6E-02
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	3.4E-11	1.5E-12	6.3E-11							1.1E-10
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	2.1E-03	6.2E-06	6.9E-04			2.8E-03
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.9E-10	8.5E-12	3.5E-10							5.6E-10
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.8E-10	1.2E-11	4.7E-10							8.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	1.1E-10	4.9E-12	1.9E-10	9.8E-10	3.9E-08	1.2E-10	1.3E-08	3.8E-15	3.3E-13	5.4E-08
Hexachlorobiphenyl	4.7E-11	2.6E-11	4.7E-10	2.2E-11	8.0E-10	4.1E-06	1.6E-04	5.1E-07	5.3E-05	1.7E-11	1.4E-09	2.2E-04
Monochlorobiphenyl	6.1E-10	9.8E-11	2.0E-09	8.3E-11	3.3E-09							6.0E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.6E-11	8.6E-13	2.7E-11							4.6E-11
Octachlorobiphenyl	3.4E-12	1.9E-12	3.4E-11	1.6E-12	5.8E-11							9.9E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.6E-09	8.0E-11	2.7E-09	4.6E-05	1.7E-03	5.7E-06	5.7E-04	2.0E-10	1.5E-08	2.3E-03
Tetrachlorobiphenyl	2.6E-11	5.4E-12	9.1E-11	4.5E-12	1.5E-10	2.3E-07	8.7E-06	2.9E-08	2.9E-06	2.3E-13	1.7E-11	1.2E-05
Trichlorobiphenyl	3.4E-11	6.5E-12	1.2E-10	5.5E-12	2.0E-10							3.6E-10
Pesticides												
DDE												
Dieldrin		9.4E-06		1.1E-05								2.1E-05
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	4.3E-06	1.7E-08	1.4E-06			5.9E-06
1,2-dichlorobenzene	3.1E-17					5.4E-10	9.7E-09	6.8E-11	3.2E-09			1.4E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	8.5E-08	2.4E-10	2.8E-08			1.2E-07
1,4-Dioxane						4.3E-03						4.3E-03

Table H-644 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	3.9E-06	1.2E-08	1.3E-06			5.3E-06
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	6.0E-09	4.0E-10	1.4E-08							2.1E-08
Butyl benzyl phthalate	8.8E-13	1.6E-14	3.3E-13	1.9E-14	7.9E-13							2.0E-12
Carbazole												
Dibenzofuran		1.4E-13	2.9E-12	5.7E-13	2.3E-11							2.6E-11
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	6.7E-13	3.9E-14	1.6E-12							1.9E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	8.7E-12	1.1E-12	2.1E-11							3.1E-11
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.0E-02						1.0E-02
Phenol	4.9E-13					1.5E-06	6.2E-05	1.9E-07	2.1E-05			8.5E-05
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	1.0E-09	3.3E-12	3.3E-10			1.4E-09
1,1-Dichloroethene	1.2E-19					1.3E-10	2.3E-09	1.6E-11	7.7E-10			3.2E-09
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	6.4E-06	4.5E-08	2.1E-06			9.0E-06
1,2,4-Trimethylbenzene						8.9E-07	2.8E-05	1.1E-07	9.4E-06			3.9E-05
1,2-Dibromoethane	4.1E-17					7.7E-09	1.4E-07	9.6E-10	4.6E-08			1.9E-07
1,2-Dichloroethane	1.9E-15					4.0E-07	1.5E-05	1.4E-04	5.0E-06			1.6E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	2.6E-07	8.3E-10	8.7E-08			3.6E-07
2-Chlorotoluene												

Table H-644 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Hexanone						2.3E-07	8.2E-06	2.8E-08	2.7E-06			1.1E-05
Benzene	4.9E-13					2.1E-03	1.1E-03	3.2E-04	3.8E-04			4.0E-03
Bromobenzene						6.2E-07	1.1E-05	7.8E-08	3.7E-06			1.5E-05
Bromochloromethane						2.2E-09	3.9E-08	2.8E-10	1.3E-08			5.5E-08
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	2.3E-05	9.5E-08	7.6E-06			3.1E-05
Carbon disulfide	1.3E-17					4.8E-09	1.4E-07	6.0E-10	4.7E-08			1.9E-07
Carbon tetrachloride	3.4E-17					1.3E-03	3.9E-08	1.5E-04	1.3E-08			1.5E-03
Chlorobenzene	2.3E-15					9.6E-08	3.4E-06	1.2E-08	1.1E-06			4.7E-06
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	3.2E-08	1.1E-10	1.1E-08			4.3E-08
Chloroform	2.8E-16					4.4E-04	3.9E-07	2.4E-05	1.3E-07			4.7E-04
Chloromethane						3.4E-07	1.0E-05	4.3E-08	3.5E-06			1.4E-05
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	9.1E-07	6.4E-09	3.0E-07			1.3E-06
Dichlorodifluoromethane	2.4E-20					2.5E-09	4.4E-08	3.1E-10	1.5E-08			6.2E-08
Ethylbenzene	1.5E-14					3.7E-05	7.4E-06	2.4E-08	2.5E-06			4.6E-05
Isopropylbenzene	2.0E-17					3.9E-08	1.3E-06	4.9E-09	4.5E-07			1.8E-06
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.1E-09	1.5E-11	7.1E-10			3.0E-09
Methylene chloride	4.3E-15					3.0E-08	1.1E-06	3.8E-09	3.7E-07			1.5E-06
n-Butylbenzene												
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07			4.2E-07
o-Xylene	1.4E-15					2.3E-07	7.6E-06	2.9E-08	2.5E-06			1.0E-05
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.9E-05	6.4E-08	6.2E-06			2.5E-05
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	1.1E-07	3.8E-10	3.5E-08			1.4E-07
Toluene	2.0E-14					6.3E-08	2.5E-06	7.9E-09	8.3E-07			3.4E-06
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					5.0E-03	6.5E-08	4.5E-10	2.2E-08			5.0E-03

Table H-644 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					1.4E-04	1.2E-06	6.2E-09	4.0E-07			1.4E-04
Grand Total	5.0E-09	2.0E-03	1.1E-06	2.1E-01	5.8E-05	2.6E-02	7.7E-02	1.0E-03	2.6E-02	7.0E-03	3.2E-07	3.5E-01

Table H-645 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			1.1E-09	1.4E-10		1.3E-09
Formaldehyde			2.2E-05	3.6E-10		2.2E-05
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	5.8E-13	2.3E-12	1.2E-10	1.4E-11	3.3E-17	1.3E-10
1,2,3,4,6,7,8-HpCDF	5.8E-13	2.3E-12	1.2E-10	1.5E-11	3.3E-17	1.3E-10
1,2,3,4,7,8,9-HpCDF	6.7E-14	2.6E-13	1.5E-11	1.8E-12	3.8E-18	1.7E-11
1,2,3,4,7,8-HxCDD	6.6E-13	2.6E-12	1.4E-10	1.7E-11	3.7E-17	1.6E-10
1,2,3,4,7,8-HxCDF	5.2E-12	2.0E-11	1.1E-09	1.4E-10	2.9E-16	1.3E-09
1,2,3,6,7,8-HxCDD	1.3E-12	5.3E-12	2.9E-10	3.6E-11	7.5E-17	3.3E-10
1,2,3,6,7,8-HxCDF	1.7E-12	6.7E-12	3.6E-10	4.5E-11	9.6E-17	4.2E-10
1,2,3,7,8,9-HxCDD	2.1E-12	8.3E-12	4.4E-10	5.5E-11	1.2E-16	5.1E-10
1,2,3,7,8,9-HxCDF	1.2E-13	4.8E-13	2.8E-11	3.5E-12	6.9E-18	3.2E-11
1,2,3,7,8-PeCDD	7.4E-12	2.9E-11	1.8E-09	2.2E-10	4.2E-16	2.0E-09

Table H-645 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	4.4E-13	1.7E-12	1.2E-10	1.6E-11	2.5E-17	1.4E-10
2,3,4,6,7,8-HxCDF	2.7E-12	1.0E-11	5.6E-10	7.1E-11	1.5E-16	6.5E-10
2,3,4,7,8-PeCDF	1.0E-11	4.1E-11	2.8E-09	3.5E-10	5.9E-16	3.2E-09
2,3,7,8-TCDD	1.5E-12	5.9E-12	7.0E-10	8.8E-11	5.9E-14	8.0E-10
2,3,7,8-TCDF	2.7E-13	1.1E-12	2.6E-10	3.2E-11	1.5E-17	2.9E-10
OCDD	3.9E-15	1.5E-14	7.6E-13	9.5E-14	2.2E-19	8.8E-13
OCDF	1.5E-15	5.9E-15	2.9E-13	3.6E-14	8.5E-20	3.3E-13
HCN						
Hydrogen cyanide						
Metals						
Aluminum						
Antimony						
Arsenic	1.5E-06	3.4E-06	9.1E-10	1.1E-10	8.1E-10	4.9E-06
Barium						
Beryllium			3.7E-11	4.6E-12	4.4E-20	4.1E-11
Cadmium			4.9E-10	6.1E-11	2.6E-20	5.5E-10
Chromium						
Cobalt			3.2E-08	3.9E-09	5.1E-09	4.1E-08
Copper						
Iron						
Lead						
Manganese						
Mercury (+2)						

Table H-645 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental						
Methyl Mercury						
Nickel			3.2E-10	4.0E-11	2.5E-09	2.9E-09
Phosphorus						
Selenium						
Silver						
Thallium (Soluble Salts)						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	2.5E-18	2.2E-18				4.7E-18
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	4.3E-08	3.9E-08	1.2E-10	1.5E-11	8.9E-11	8.2E-08
Benzo(a)pyrene	4.4E-07	4.0E-07	4.6E-10	5.8E-11	3.0E-12	8.4E-07
Benzo(b)fluoranthene	7.9E-08	7.1E-08	5.2E-11	6.4E-12	5.3E-13	1.5E-07

Table H-645 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	3.2E-09	2.9E-09	4.6E-13	5.7E-14	2.1E-13	6.1E-09
Biphenyl		9.5E-18				9.5E-18
Chrysene	6.1E-10	5.6E-10	2.0E-11	2.5E-12	4.1E-14	1.2E-09
Dibenze(a,h)anthracene	7.8E-13	7.1E-13	8.0E-11	9.9E-12	5.7E-18	9.1E-11
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	2.5E-08	2.2E-08	2.4E-11	3.0E-12	1.6E-13	4.7E-08
Napthalene			1.8E-09	2.3E-10		2.0E-09
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	1.4E-17	1.2E-17	6.6E-13	8.3E-14	3.2E-19	7.5E-13
Heptachlorobiphenyl	4.8E-17	4.0E-17	2.6E-13	3.2E-14	5.8E-19	2.9E-13
Hexachlorobiphenyl	2.2E-16	1.8E-16	1.1E-12	1.4E-13	2.6E-18	1.2E-12
Monochlorobiphenyl	1.0E-16	8.4E-17	4.6E-12	5.8E-13	2.3E-18	5.2E-12
Nonachlorobiphenyl	8.4E-18	7.1E-18	3.7E-14	4.6E-15	1.0E-19	4.1E-14

Table H-645 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Octachlorobiphenyl	1.5E-17	1.3E-17	7.9E-14	9.9E-15	1.9E-19	8.9E-14
Pentachlorobiphenyl	7.8E-16	6.5E-16	3.7E-12	4.6E-13	9.5E-18	4.2E-12
Tetrachlorobiphenyl	5.5E-18	4.6E-18	2.2E-13	2.7E-14	1.2E-19	2.4E-13
Trichlorobiphenyl	6.6E-18	5.6E-18	2.7E-13	3.4E-14	1.5E-19	3.1E-13
Pesticides						
DDE		8.3E-07			7.5E-09	8.4E-07
Dieldrin	1.5E-07	1.8E-07			2.6E-12	3.3E-07
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-dichlorobenzene						
1,4-dichlorobenzene			6.0E-12	7.5E-13		6.7E-12
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-14	4.0E-14	1.6E-10	2.0E-11	3.3E-19	1.8E-10
Butyl benzyl phthalate	2.2E-18	2.6E-18				4.8E-18

Table H-645 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			3.5E-10	4.4E-11		3.9E-10
Isopropanol						
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			3.6E-13	4.5E-14		4.0E-13
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			1.5E-11	1.9E-12		1.7E-11
1,2-Dichloroethane			2.1E-07	9.3E-09		2.2E-07
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						

Table H-645 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
2-Chlorotoluene						
2-Hexanone						
Benzene			2.3E-06	2.7E-08		2.3E-06
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			1.3E-12	1.6E-13		1.4E-12
Bromomethane						
Carbon disulfide						
Carbon tetrachloride			3.3E-07	3.3E-08		3.7E-07
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			3.0E-07	2.0E-08		3.2E-07
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			1.9E-07	2.2E-11		1.9E-07
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			6.4E-14	8.1E-15		7.3E-14

Table H-645 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethene			1.1E-14	1.4E-15		1.3E-14
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			7.4E-09	1.3E-15		7.4E-09
Trichlorofluoromethane						
Vinyl chloride			7.8E-12	9.7E-13		8.8E-12
Grand Total	2.2E-06	5.0E-06	2.6E-05	9.5E-08	1.6E-08	3.3E-05

Table H-646 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			4.2E-05	5.2E-06		4.7E-05
Aldehydes						
Acetaldehyde			1.6E-04	2.0E-05		1.8E-04
Formaldehyde			4.9E-01	7.9E-06		4.9E-01
Propionaldehyde			2.0E-05	2.5E-06	2.1E-12	2.2E-05
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-646 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	7.9E-08	3.1E-07	1.3E-06	1.6E-07	1.8E-10	1.8E-06
2,3,7,8-TCDF						
OCDD						
OCDF						
HCN						
Hydrogen cyanide			2.0E-04	2.5E-05		2.2E-04
Metals						
Aluminum		1.2E-02			1.1E-04	1.2E-02
Antimony		1.9E-03				1.9E-03
Arsenic	9.1E-03	2.1E-02	4.0E-05	4.9E-06	3.5E-05	3.1E-02
Barium		2.2E-08	2.5E-04	3.1E-05	4.3E-10	2.8E-04
Beryllium		5.2E-13	2.1E-06	2.7E-07	2.6E-15	2.4E-06
Cadmium		8.2E-13	7.6E-05	9.5E-06	4.0E-15	8.5E-05
Chromium		6.4E-11				6.4E-11
Cobalt		1.1E-01	1.6E-03	2.0E-04	2.7E-04	1.1E-01
Copper		1.1E-08				1.1E-08
Iron		3.9E-02				3.9E-02
Lead						
Manganese						
Mercury (+2)		2.1E-10	7.8E-08	9.8E-09	1.0E-14	8.8E-08

Table H-646 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental			3.3E-10	4.1E-11	1.7E-04	1.7E-04
Methyl Mercury		3.8E-11				3.8E-11
Nickel		2.8E-02	3.9E-05	4.8E-06	3.0E-04	2.8E-02
Phosphorus		3.7E-10				3.7E-10
Selenium		8.1E-15	8.7E-09	1.1E-09	9.9E-20	9.8E-09
Silver		1.7E-10				1.7E-10
Thallium (Soluble Salts)		8.1E-03				8.1E-03
Titanium						
Zinc		6.1E-13				6.1E-13
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.4E-15	3.1E-15				6.5E-15
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	5.8E-14	5.2E-14				1.1E-13
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						

Table H-646 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						
Biphenyl		6.7E-15	2.8E-04	3.5E-05	4.9E-12	3.1E-04
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	1.7E-12	1.5E-12				3.2E-12
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene			5.0E-05	6.2E-06		5.6E-05
Perylene						
Phenanthrene						
Pyrene	9.3E-12	8.5E-12				1.8E-11
Particulate						
Particulate Total Suspended Partic						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	1.4E-11	1.2E-11				2.6E-11
Heptachlorobiphenyl	5.8E-12	4.9E-12	9.8E-10	1.2E-10	3.8E-15	1.1E-09
Hexachlorobiphenyl	2.6E-11	2.2E-11	4.1E-06	5.1E-07	1.7E-11	4.6E-06
Monochlorobiphenyl	9.8E-11	8.3E-11				1.8E-10
Nonachlorobiphenyl	1.0E-12	8.6E-13				1.9E-12

Table H-646 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Octachlorobiphenyl	1.9E-12	1.6E-12				3.5E-12
Pentachlorobiphenyl	9.4E-11	8.0E-11	4.6E-05	5.7E-06	2.0E-10	5.1E-05
Tetrachlorobiphenyl	5.4E-12	4.5E-12	2.3E-07	2.9E-08	2.3E-13	2.6E-07
Trichlorobiphenyl	6.5E-12	5.5E-12				1.2E-11
Pesticides						
DDE						
Dieldrin	5.4E-04	6.3E-04				1.2E-03
SVOCs						
1,2,4-trichlorobenzene			1.3E-07	1.7E-08		1.5E-07
1,2-dichlorobenzene			5.4E-10	6.8E-11		6.1E-10
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.9E-09	2.4E-10		2.1E-09
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			9.3E-08	1.2E-08		1.0E-07
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-10	4.0E-10				7.4E-10
Butyl benzyl phthalate	1.6E-14	1.9E-14				3.6E-14

Table H-646 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbazole						
Dibenzofuran	1.4E-13	5.7E-13				7.1E-13
Dimethyl phthalate						
Di-n-butyl phthalate	3.3E-14	3.9E-14				7.1E-14
Di-n-octyl phthalate	9.4E-13	1.1E-12				2.1E-12
Hexachlorobutadiene						
Isopropanol			3.0E-02			3.0E-02
Phenol			1.5E-06	1.9E-07		1.7E-06
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			2.7E-11	3.3E-12		3.0E-11
1,1-Dichloroethene			1.3E-10	1.6E-11		1.5E-10
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.6E-07	4.5E-08		4.1E-07
1,2,4-Trimethylbenzene			8.9E-07	1.1E-07		1.0E-06
1,2-Dibromoethane			7.7E-09	9.6E-10		8.6E-09
1,2-Dichloroethane			3.3E-03	1.4E-04		3.4E-03
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone			6.6E-09	8.3E-10		7.4E-09

Table H-646 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
2-Chlorotoluene						
2-Hexanone			2.3E-07	2.8E-08		2.5E-07
Benzene			2.7E-02	3.2E-04		2.8E-02
Bromobenzene			6.2E-07	7.8E-08		7.0E-07
Bromochloromethane			2.2E-09	2.8E-10		2.5E-09
Bromodichloromethane						
Bromomethane			7.6E-07	9.5E-08		8.6E-07
Carbon disulfide			4.8E-09	6.0E-10		5.4E-09
Carbon tetrachloride			1.6E-03	1.5E-04		1.7E-03
Chlorobenzene			9.6E-08	1.2E-08		1.1E-07
Chlorodibromomethane						
Chloroethane			9.1E-10	1.1E-10		1.0E-09
Chloroform			3.7E-04	2.4E-05		4.0E-04
Chloromethane			3.4E-07	4.3E-08		3.9E-07
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			5.1E-08	6.4E-09		5.7E-08
Dichlorodifluoromethane			2.5E-09	3.1E-10		2.8E-09
Ethylbenzene			2.1E-04	2.4E-08		2.1E-04
Isopropylbenzene			3.9E-08	4.9E-09		4.4E-08
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.2E-10	1.5E-11		1.3E-10
Methylene chloride			3.0E-08	3.8E-09		3.4E-08

Table H-646 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene			9.4E-09	1.2E-09		1.1E-08
o-Xylene			2.3E-07	2.9E-08		2.6E-07
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			5.1E-07	6.4E-08		5.7E-07
tert-Butylbenzene						
Tetrachloroethene			3.0E-09	3.8E-10		3.4E-09
Toluene			6.3E-08	7.9E-09		7.1E-08
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			2.5E-03	4.5E-10		2.5E-03
Trichlorofluoromethane						
Vinyl chloride			5.0E-08	6.2E-09		5.6E-08
Grand Total	9.6E-03	2.2E-01	5.6E-01	1.0E-03	8.9E-04	7.9E-01

Table H-647 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.1E-09	4.1E-08	1.4E-10	1.4E-08			5.6E-08
Formaldehyde						2.2E-05	9.4E-08	3.6E-10	3.1E-08			2.2E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	5.7E-16	5.8E-13	1.1E-11	2.3E-12	8.5E-11	1.2E-10	4.6E-09	1.4E-11	1.5E-09	3.3E-17	2.7E-15	6.3E-09
1,2,3,4,6,7,8-HpCDF	5.6E-16	5.8E-13	1.1E-11	2.3E-12	8.5E-11	1.2E-10	4.6E-09	1.5E-11	1.5E-09	3.3E-17	2.7E-15	6.4E-09
1,2,3,4,7,8,9-HpCDF	8.4E-17	6.7E-14	1.3E-12	2.6E-13	1.0E-11	1.5E-11	6.0E-10	1.8E-12	2.0E-10	3.8E-18	3.2E-16	8.3E-10
1,2,3,4,7,8-HxCDD	6.5E-15	6.6E-13	1.3E-11	2.6E-12	1.0E-10	1.4E-10	5.6E-09	1.7E-11	1.9E-09	3.7E-17	3.1E-15	7.7E-09
1,2,3,4,7,8-HxCDF	4.5E-14	5.2E-12	1.0E-10	2.0E-11	7.9E-10	1.1E-09	4.5E-08	1.4E-10	1.5E-08	2.9E-16	2.5E-14	6.3E-08
1,2,3,6,7,8-HxCDD	1.2E-14	1.3E-12	2.6E-11	5.3E-12	2.0E-10	2.9E-10	1.2E-08	3.6E-11	3.9E-09	7.5E-17	6.4E-15	1.6E-08
1,2,3,6,7,8-HxCDF	1.6E-14	1.7E-12	3.3E-11	6.7E-12	2.6E-10	3.6E-10	1.5E-08	4.5E-11	4.9E-09	9.6E-17	8.2E-15	2.0E-08
1,2,3,7,8,9-HxCDD	1.8E-14	2.1E-12	4.1E-11	8.3E-12	3.2E-10	4.4E-10	1.8E-08	5.5E-11	5.9E-09	1.2E-16	1.0E-14	2.5E-08
1,2,3,7,8,9-HxCDF	1.3E-15	1.2E-13	2.4E-12	4.8E-13	1.9E-11	2.8E-11	1.1E-09	3.5E-12	3.8E-10	6.9E-18	5.9E-16	1.6E-09
1,2,3,7,8-PeCDD	3.4E-13	7.4E-12	1.4E-10	2.9E-11	1.1E-09	1.8E-09	7.2E-08	2.2E-10	2.4E-08	4.2E-16	3.6E-14	9.9E-08
1,2,3,7,8-PeCDF	2.4E-14	4.4E-13	8.6E-12	1.7E-12	6.8E-11	1.2E-10	5.1E-09	1.6E-11	1.7E-09	2.5E-17	2.1E-15	7.0E-09
2,3,4,6,7,8-HxCDF	2.4E-14	2.7E-12	5.0E-11	1.0E-11	4.0E-10	5.6E-10	2.3E-08	7.1E-11	7.5E-09	1.5E-16	1.2E-14	3.1E-08
2,3,4,7,8-PeCDF	3.8E-13	1.0E-11	2.0E-10	4.1E-11	1.6E-09	2.8E-09	1.1E-07	3.5E-10	3.8E-08	5.9E-16	5.1E-14	1.6E-07
2,3,7,8-TCDD	1.2E-13	1.5E-12	2.2E-11	5.9E-12	1.7E-10	7.0E-10	2.4E-08	8.8E-11	7.9E-09	5.9E-14	3.7E-12	3.2E-08
2,3,7,8-TCDF	3.7E-14	2.7E-13	5.5E-12	1.1E-12	4.3E-11	2.6E-10	1.1E-08	3.2E-11	3.6E-09	1.5E-17	1.4E-15	1.5E-08
OCDD	7.7E-20	3.9E-15	7.2E-14	1.5E-14	5.7E-13	7.6E-13	3.0E-11	9.5E-14	1.0E-11	2.2E-19	1.8E-17	4.2E-11
OCDF	2.9E-20	1.5E-15	2.7E-14	5.9E-15	2.1E-13	2.9E-13	1.1E-11	3.6E-14	3.7E-12	8.5E-20	6.7E-18	1.5E-11
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-647 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	4.4E-16	1.5E-06	2.6E-17	3.4E-06	1.2E-16	9.1E-10	3.2E-08	1.1E-10	1.1E-08	8.1E-10	6.3E-20	4.9E-06
Barium												
Beryllium						3.7E-11	1.2E-09	4.6E-12	4.1E-10	4.4E-20	3.6E-18	1.7E-09
Cadmium						4.9E-10	1.7E-08	6.1E-11	5.7E-09	2.6E-20	2.2E-18	2.3E-08
Chromium												
Cobalt						3.2E-08	5.8E-07	3.9E-09	1.9E-07	5.1E-09	3.0E-12	8.1E-07
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.2E-10	1.1E-08	4.0E-11	3.7E-09	2.5E-09	1.6E-18	1.8E-08
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		2.5E-18	5.0E-17	2.2E-18	9.2E-17							1.5E-16
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.6E-12	4.3E-08	1.0E-11	3.9E-08	1.9E-11	1.2E-10	5.1E-09	1.5E-11	1.7E-09	8.9E-11	9.5E-14	8.9E-08
Benzo(a)pyrene	8.0E-12	4.4E-07	4.4E-11	4.0E-07	8.1E-11	4.6E-10	1.9E-08	5.8E-11	6.4E-09	3.0E-12	1.3E-15	8.7E-07
Benzo(b)fluoranthene	2.2E-13	7.9E-08	2.4E-13	7.1E-08	4.4E-13	5.2E-11	2.1E-09	6.4E-12	6.9E-10	5.3E-13	7.1E-18	1.5E-07
Benzo(e)pyrene												

Table H-647 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	1.8E-16	3.2E-09	1.4E-14	2.9E-09	2.6E-14	4.6E-13	8.2E-12	5.7E-14	2.7E-12	2.1E-13	4.2E-18	6.1E-09
Biphenyl				9.5E-18	4.0E-16							4.1E-16
Chrysene	2.8E-15	6.1E-10	1.3E-13	5.6E-10	2.3E-13	2.0E-11	8.3E-10	2.5E-12	2.8E-10	4.1E-14	3.7E-17	2.3E-09
Dibenze(a,h)anthracene	4.0E-13	7.8E-13	1.6E-11	7.1E-13	2.8E-11	8.0E-11	3.3E-09	9.9E-12	1.1E-09	5.7E-18	5.0E-16	4.5E-09
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.0E-13	2.5E-08	4.3E-12	2.2E-08	7.9E-12	2.4E-11	1.0E-09	3.0E-12	3.3E-10	1.6E-13	1.3E-16	4.8E-08
Napthalene						1.8E-09	7.5E-08	2.3E-10	2.5E-08			1.0E-07
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.5E-16	1.4E-17	2.9E-16	1.2E-17	4.8E-16	6.6E-13	2.7E-11	8.3E-14	9.1E-12	3.2E-19	2.8E-17	3.7E-11
Heptachlorobiphenyl	1.6E-16	4.8E-17	9.2E-16	4.0E-17	1.6E-15	2.6E-13	1.0E-11	3.2E-14	3.5E-12	5.8E-19	5.0E-17	1.4E-11
Hexachlorobiphenyl	6.6E-16	2.2E-16	3.9E-15	1.8E-16	6.5E-15	1.1E-12	4.2E-11	1.4E-13	1.4E-11	2.6E-18	2.1E-16	5.7E-11
Monochlorobiphenyl	1.1E-15	1.0E-16	2.0E-15	8.4E-17	3.4E-15	4.6E-12	1.9E-10	5.8E-13	6.3E-11	2.3E-18	2.0E-16	2.6E-10
Nonachlorobiphenyl	2.0E-17	8.4E-18	1.3E-16	7.1E-18	2.2E-16	3.7E-14	1.3E-12	4.6E-15	4.3E-13	1.0E-19	7.1E-18	1.8E-12
Octachlorobiphenyl	4.9E-17	1.5E-17	2.8E-16	1.3E-17	4.8E-16	7.9E-14	3.1E-12	9.9E-15	1.0E-12	1.9E-19	1.5E-17	4.2E-12
Pentachlorobiphenyl	2.2E-15	7.8E-16	1.3E-14	6.5E-16	2.2E-14	3.7E-12	1.4E-10	4.6E-13	4.7E-11	9.5E-18	7.2E-16	1.9E-10
Tetrachlorobiphenyl	4.5E-17	5.5E-18	9.3E-17	4.6E-18	1.6E-16	2.2E-13	8.1E-12	2.7E-14	2.7E-12	1.2E-19	9.2E-18	1.1E-11
Trichlorobiphenyl	5.9E-17	6.6E-18	1.2E-16	5.6E-18	2.0E-16	2.7E-13	1.1E-11	3.4E-14	3.5E-12	1.5E-19	1.2E-17	1.4E-11
Pesticides												
DDE				8.3E-07						7.5E-09		8.4E-07
Dieldrin		1.5E-07		1.8E-07						2.6E-12		3.3E-07
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.8E-19					6.0E-12	2.7E-10	7.5E-13	8.9E-11			3.6E-10
2,4-Dimethylphenol												

Table H-647 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.5E-15	3.4E-14	6.0E-13	4.0E-14	1.4E-12	1.6E-10	6.3E-09	2.0E-11	2.1E-09	3.3E-19	2.6E-17	8.6E-09
Butyl benzyl phthalate	1.2E-16	2.2E-18	4.5E-17	2.6E-18	1.1E-16							2.8E-16
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	1.9E-16					3.5E-10	6.2E-09	4.4E-11	2.1E-09			8.7E-09
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	2.5E-20					3.6E-13	1.2E-11	4.5E-14	4.0E-12			1.6E-11
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.2E-17											1.2E-17
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	2.7E-19					1.5E-11	2.6E-10	1.9E-12	8.8E-11			3.7E-10
1,2-Dichloroethane	3.8E-19					2.1E-07	9.7E-10	9.3E-09	3.2E-10			2.2E-07
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-647 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	3.9E-17					2.3E-06	9.5E-08	2.7E-08	3.2E-08			2.4E-06
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	7.0E-21					1.3E-12	2.2E-11	1.6E-13	7.5E-12			3.1E-11
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	3.4E-21					3.3E-07	8.3E-12	3.3E-08	2.8E-12			3.7E-07
Chlorobenzene												
Chlorodibromomethane	5.5E-19											5.5E-19
Chloroethane												
Chloroform	3.1E-20					3.0E-07	3.1E-10	2.0E-08	1.0E-10			3.2E-07
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	5.9E-18					1.9E-07	6.6E-09	2.2E-11	2.2E-09			2.0E-07
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	1.9E-20					6.4E-14	2.4E-12	8.1E-15	7.9E-13			3.2E-12
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.0E-22					1.1E-14	3.9E-13	1.4E-15	1.3E-13			5.4E-13
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.1E-22					7.4E-09	1.9E-13	1.3E-15	6.3E-14			7.4E-09
Trichlorofluoromethane												

Table H-647 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.2E-19					7.8E-12	1.9E-10	9.7E-13	6.3E-11			2.6E-10
Grand Total	1.1E-11	2.2E-06	7.5E-10	5.0E-06	5.4E-09	2.6E-05	1.3E-06	9.5E-08	4.5E-07	1.6E-08	7.0E-12	3.5E-05

Table H-648 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	1.5E-03	5.2E-06	5.0E-04			2.0E-03
Aldehydes												
Acetaldehyde						1.6E-04	5.8E-03	2.0E-05	1.9E-03			7.9E-03
Formaldehyde	2.3E-12					4.9E-01	2.1E-03	7.9E-06	6.9E-04			4.9E-01
Propionaldehyde						2.0E-05	7.2E-04	2.5E-06	2.4E-04	2.1E-12	1.5E-10	9.8E-04
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-06	3.1E-07	9.0E-06	1.3E-06	4.3E-05	1.6E-07	1.4E-05	1.8E-10	1.2E-08	7.0E-05
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	7.7E-03	2.5E-05	2.6E-03			1.1E-02
Metals												
Aluminum				1.2E-02						1.1E-04		1.2E-02
Antimony	3.9E-14			1.9E-03								1.9E-03

Table H-648 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	9.1E-03	1.6E-13	2.1E-02	7.6E-13	4.0E-05	1.4E-03	4.9E-06	4.7E-04	3.5E-05	2.7E-15	3.2E-02
Barium	1.4E-11			2.2E-08	7.5E-07	2.5E-04	6.8E-03	3.1E-05	2.3E-03	4.3E-10	3.2E-08	9.3E-03
Beryllium	1.7E-14			5.2E-13	2.0E-11	2.1E-06	7.3E-05	2.7E-07	2.4E-05	2.6E-15	2.1E-13	9.9E-05
Cadmium	8.3E-12			8.2E-13	3.1E-11	7.6E-05	2.6E-03	9.5E-06	8.8E-04	4.0E-15	3.4E-13	3.6E-03
Chromium	1.9E-15			6.4E-11	2.5E-09							2.6E-09
Cobalt	1.1E-11			1.1E-01	4.7E-05	1.6E-03	3.0E-02	2.0E-04	9.9E-03	2.7E-04	2.6E-07	1.5E-01
Copper				1.1E-08	4.3E-07							4.4E-07
Iron				3.9E-02								3.9E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.6E-09	7.8E-08	2.8E-06	9.8E-09	9.2E-07	1.0E-14	7.1E-13	3.8E-06
Mercury, elemental						3.3E-10	1.2E-08	4.1E-11	3.8E-09	1.7E-04		1.7E-04
Methyl Mercury	1.3E-10			3.8E-11	1.5E-09							1.6E-09
Nickel	1.7E-13			2.8E-02	7.8E-12	3.9E-05	1.3E-03	4.8E-06	4.4E-04	3.0E-04	1.9E-13	3.0E-02
Phosphorus				3.7E-10	1.4E-08							1.4E-08
Selenium	5.5E-14			8.1E-15	3.1E-13	8.7E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-20	8.4E-18	4.2E-07
Silver	4.2E-14			1.7E-10	6.3E-09							6.5E-09
Thallium (Soluble Salts)				8.1E-03								8.1E-03
Titanium												
Zinc	1.4E-11			6.1E-13	2.2E-11							3.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	6.9E-14	3.1E-15	1.3E-13							2.0E-13
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	1.2E-12	5.2E-14	2.1E-12							3.4E-12
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-648 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	2.8E-13	2.8E-04	1.2E-02	3.5E-05	3.9E-03	4.9E-12	4.5E-10	1.6E-02
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	3.4E-11	1.5E-12	6.3E-11							1.1E-10
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	2.1E-03	6.2E-06	6.9E-04			2.8E-03
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.9E-10	8.5E-12	3.5E-10							5.6E-10
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.8E-10	1.2E-11	4.7E-10							8.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	1.1E-10	4.9E-12	1.9E-10	9.8E-10	3.9E-08	1.2E-10	1.3E-08	3.8E-15	3.3E-13	5.4E-08
Hexachlorobiphenyl	4.7E-11	2.6E-11	4.7E-10	2.2E-11	8.0E-10	4.1E-06	1.6E-04	5.1E-07	5.3E-05	1.7E-11	1.4E-09	2.2E-04
Monochlorobiphenyl	6.1E-10	9.8E-11	2.0E-09	8.3E-11	3.3E-09							6.0E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.6E-11	8.6E-13	2.7E-11							4.6E-11
Octachlorobiphenyl	3.4E-12	1.9E-12	3.4E-11	1.6E-12	5.8E-11							9.9E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.6E-09	8.0E-11	2.7E-09	4.6E-05	1.7E-03	5.7E-06	5.7E-04	2.0E-10	1.5E-08	2.3E-03
Tetrachlorobiphenyl	2.6E-11	5.4E-12	9.1E-11	4.5E-12	1.5E-10	2.3E-07	8.7E-06	2.9E-08	2.9E-06	2.3E-13	1.7E-11	1.2E-05
Trichlorobiphenyl	3.4E-11	6.5E-12	1.2E-10	5.5E-12	2.0E-10							3.6E-10
Pesticides												
DDE												
Dieldrin		5.4E-04		6.3E-04								1.2E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	4.3E-06	1.7E-08	1.4E-06			5.9E-06
1,2-dichlorobenzene	3.1E-17					5.4E-10	9.7E-09	6.8E-11	3.2E-09			1.4E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	8.5E-08	2.4E-10	2.8E-08			1.2E-07
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-648 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	3.9E-06	1.2E-08	1.3E-06			5.3E-06
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	6.0E-09	4.0E-10	1.4E-08							2.1E-08
Butyl benzyl phthalate	8.8E-13	1.6E-14	3.3E-13	1.9E-14	7.9E-13							2.0E-12
Carbazole												
Dibenzofuran		1.4E-13	2.9E-12	5.7E-13	2.3E-11							2.6E-11
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	6.7E-13	3.9E-14	1.6E-12							1.9E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	8.7E-12	1.1E-12	2.1E-11							3.1E-11
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						3.0E-02						3.0E-02
Phenol	4.9E-13					1.5E-06	6.2E-05	1.9E-07	2.1E-05			8.5E-05
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	1.0E-09	3.3E-12	3.3E-10			1.4E-09
1,1-Dichloroethene	1.2E-19					1.3E-10	2.3E-09	1.6E-11	7.7E-10			3.2E-09
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	6.4E-06	4.5E-08	2.1E-06			9.0E-06
1,2,4-Trimethylbenzene						8.9E-07	2.8E-05	1.1E-07	9.4E-06			3.9E-05
1,2-Dibromoethane	4.1E-17					7.7E-09	1.4E-07	9.6E-10	4.6E-08			1.9E-07
1,2-Dichloroethane	1.9E-15					3.3E-03	1.5E-05	1.4E-04	5.0E-06			3.4E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	2.6E-07	8.3E-10	8.7E-08			3.6E-07
2-Chlorotoluene												
2-Hexanone						2.3E-07	8.2E-06	2.8E-08	2.7E-06			1.1E-05

Table H-648 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					2.7E-02	1.1E-03	3.2E-04	3.8E-04			2.9E-02
Bromobenzene						6.2E-07	1.1E-05	7.8E-08	3.7E-06			1.5E-05
Bromochloromethane						2.2E-09	3.9E-08	2.8E-10	1.3E-08			5.5E-08
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	2.3E-05	9.5E-08	7.6E-06			3.1E-05
Carbon disulfide	1.3E-17					4.8E-09	1.4E-07	6.0E-10	4.7E-08			1.9E-07
Carbon tetrachloride	3.4E-17					1.6E-03	3.9E-08	1.5E-04	1.3E-08			1.7E-03
Chlorobenzene	2.3E-15					9.6E-08	3.4E-06	1.2E-08	1.1E-06			4.7E-06
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	3.2E-08	1.1E-10	1.1E-08			4.3E-08
Chloroform	2.8E-16					3.7E-04	3.9E-07	2.4E-05	1.3E-07			4.0E-04
Chloromethane						3.4E-07	1.0E-05	4.3E-08	3.5E-06			1.4E-05
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	9.1E-07	6.4E-09	3.0E-07			1.3E-06
Dichlorodifluoromethane	2.4E-20					2.5E-09	4.4E-08	3.1E-10	1.5E-08			6.2E-08
Ethylbenzene	1.5E-14					2.1E-04	7.4E-06	2.4E-08	2.5E-06			2.2E-04
Isopropylbenzene	2.0E-17					3.9E-08	1.3E-06	4.9E-09	4.5E-07			1.8E-06
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.1E-09	1.5E-11	7.1E-10			3.0E-09
Methylene chloride	4.3E-15					3.0E-08	1.1E-06	3.8E-09	3.7E-07			1.5E-06
n-Butylbenzene												
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07			4.2E-07
o-Xylene	1.4E-15					2.3E-07	7.6E-06	2.9E-08	2.5E-06			1.0E-05
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.9E-05	6.4E-08	6.2E-06			2.5E-05
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	1.1E-07	3.8E-10	3.5E-08			1.4E-07
Toluene	2.0E-14					6.3E-08	2.5E-06	7.9E-09	8.3E-07			3.4E-06
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.5E-03	6.5E-08	4.5E-10	2.2E-08			2.5E-03
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-648 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					5.0E-08	1.2E-06	6.2E-09	4.0E-07			1.7E-06
Grand Total	5.0E-09	9.6E-03	1.1E-06	2.2E-01	5.8E-05	5.6E-01	7.7E-02	1.0E-03	2.6E-02	8.9E-04	3.2E-07	8.9E-01

Table H-649 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			1.1E-09	1.4E-10		1.3E-09
Formaldehyde			1.5E-05	3.6E-10		1.5E-05
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	5.8E-13	2.3E-12	1.2E-10	1.4E-11	3.3E-17	1.3E-10
1,2,3,4,6,7,8-HpCDF	5.8E-13	2.3E-12	1.2E-10	1.5E-11	3.3E-17	1.3E-10
1,2,3,4,7,8,9-HpCDF	6.7E-14	2.6E-13	1.5E-11	1.8E-12	3.8E-18	1.7E-11
1,2,3,4,7,8-HxCDD	6.6E-13	2.6E-12	1.4E-10	1.7E-11	3.7E-17	1.6E-10
1,2,3,4,7,8-HxCDF	5.2E-12	2.0E-11	1.1E-09	1.4E-10	2.9E-16	1.3E-09
1,2,3,6,7,8-HxCDD	1.3E-12	5.3E-12	2.9E-10	3.6E-11	7.5E-17	3.3E-10
1,2,3,6,7,8-HxCDF	1.7E-12	6.7E-12	3.6E-10	4.5E-11	9.6E-17	4.2E-10
1,2,3,7,8,9-HxCDD	2.1E-12	8.3E-12	4.4E-10	5.5E-11	1.2E-16	5.1E-10
1,2,3,7,8,9-HxCDF	1.2E-13	4.8E-13	2.8E-11	3.5E-12	6.9E-18	3.2E-11
1,2,3,7,8-PeCDD	7.4E-12	2.9E-11	1.8E-09	2.2E-10	4.2E-16	2.0E-09

Table H-649 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	4.4E-13	1.7E-12	1.2E-10	1.6E-11	2.5E-17	1.4E-10
2,3,4,6,7,8-HxCDF	2.7E-12	1.0E-11	5.6E-10	7.1E-11	1.5E-16	6.5E-10
2,3,4,7,8-PeCDF	1.0E-11	4.1E-11	2.8E-09	3.5E-10	5.9E-16	3.2E-09
2,3,7,8-TCDD	1.5E-12	5.9E-12	7.0E-10	8.8E-11	5.9E-14	8.0E-10
2,3,7,8-TCDF	2.7E-13	1.1E-12	2.6E-10	3.2E-11	1.5E-17	2.9E-10
OCDD	3.9E-15	1.5E-14	7.6E-13	9.5E-14	2.2E-19	8.8E-13
OCDF	1.5E-15	5.9E-15	2.9E-13	3.6E-14	8.5E-20	3.3E-13
HCN						
Hydrogen cyanide						
Metals						
Aluminum						
Antimony						
Arsenic	1.9E-07	4.5E-07	9.1E-10	1.1E-10	1.1E-10	6.5E-07
Barium						
Beryllium			3.7E-11	4.6E-12	4.4E-20	4.1E-11
Cadmium			4.9E-10	6.1E-11	2.6E-20	5.5E-10
Chromium						
Cobalt			3.2E-08	3.9E-09	4.2E-09	4.0E-08
Copper						
Iron						
Lead						
Manganese						
Mercury (+2)						

Table H-649 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental						
Methyl Mercury						
Nickel			3.2E-10	4.0E-11	2.5E-09	2.9E-09
Phosphorus						
Selenium						
Silver						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	2.5E-18	2.2E-18				4.7E-18
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	5.8E-09	5.2E-09	1.2E-10	1.5E-11	1.2E-11	1.1E-08
Benzo(a)pyrene	6.8E-08	6.1E-08	4.6E-10	5.8E-11	4.5E-13	1.3E-07
Benzo(b)fluoranthene	1.2E-08	1.1E-08	5.2E-11	6.4E-12	8.2E-14	2.3E-08
Benzo(e)pyrene						

Table H-649 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	9.2E-10	8.4E-10	4.6E-13	5.7E-14	6.2E-14	1.8E-09
Biphenyl		9.5E-18				9.5E-18
Chrysene	7.1E-11	6.5E-11	2.0E-11	2.5E-12	4.8E-15	1.6E-10
Dibenze(a,h)anthracene	7.8E-13	7.1E-13	8.0E-11	9.9E-12	5.7E-18	9.1E-11
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	2.9E-09	2.7E-09	2.4E-11	3.0E-12	2.0E-14	5.7E-09
Napthalene			1.8E-09	2.3E-10		2.0E-09
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	1.4E-17	1.2E-17	6.6E-13	8.3E-14	3.2E-19	7.5E-13
Heptachlorobiphenyl	4.8E-17	4.0E-17	2.6E-13	3.2E-14	5.8E-19	2.9E-13
Hexachlorobiphenyl	2.2E-16	1.8E-16	1.1E-12	1.4E-13	2.6E-18	1.2E-12
Monochlorobiphenyl	1.0E-16	8.4E-17	4.6E-12	5.8E-13	2.3E-18	5.2E-12
Nonachlorobiphenyl	8.4E-18	7.1E-18	3.7E-14	4.6E-15	1.0E-19	4.1E-14
Octachlorobiphenyl	1.5E-17	1.3E-17	7.9E-14	9.9E-15	1.9E-19	8.9E-14

Table H-649 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Pentachlorobiphenyl	7.8E-16	6.5E-16	3.7E-12	4.6E-13	9.5E-18	4.2E-12
Tetrachlorobiphenyl	5.5E-18	4.6E-18	2.2E-13	2.7E-14	1.2E-19	2.4E-13
Trichlorobiphenyl	6.6E-18	5.6E-18	2.7E-13	3.4E-14	1.5E-19	3.1E-13
Pesticides						
Chlordecone (Kepone)	4.5E-06	5.4E-06			1.2E-10	9.9E-06
DDE		2.5E-08			2.3E-10	2.5E-08
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-Butadiene			2.3E-07			2.3E-07
1,3-dichlorobenzene						
1,4-dichlorobenzene			6.0E-12	7.5E-13		6.7E-12
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-14	4.0E-14	1.6E-10	2.0E-11	3.3E-19	1.8E-10
Butyl benzyl phthalate	2.2E-18	2.6E-18				4.8E-18

Table H-649 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			3.5E-10	4.4E-11		3.9E-10
Isopropanol						
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			3.6E-13	4.5E-14		4.0E-13
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			1.5E-11	1.9E-12		1.7E-11
1,2-Dichloroethane			2.6E-11	9.3E-09		9.3E-09
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						

Table H-649 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
2-Chlorotoluene						
2-Hexanone						
Benzene			2.4E-07	2.7E-08		2.6E-07
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			1.3E-12	1.6E-13		1.4E-12
Bromomethane						
Carbon disulfide						
Carbon tetrachloride			3.2E-07	3.3E-08		3.5E-07
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			1.8E-07	2.0E-08		2.0E-07
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			2.4E-08	2.2E-11		2.4E-08
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			6.4E-14	8.1E-15		7.3E-14

Table H-649 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethene			1.1E-14	1.4E-15		1.3E-14
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			1.1E-14	1.3E-15		1.2E-14
Trichlorofluoromethane						
Vinyl chloride			7.8E-12	9.7E-13		8.8E-12
Grand Total	4.8E-06	5.9E-06	1.6E-05	9.5E-08	7.2E-09	2.7E-05

Table H-650 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			4.2E-05	5.2E-06		4.7E-05
Aldehydes						
Acetaldehyde			1.6E-04	2.0E-05		1.8E-04
Formaldehyde			3.3E-01	7.9E-06		3.3E-01
Propionaldehyde			2.0E-05	2.5E-06	2.1E-12	2.2E-05
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-650 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	7.9E-08	3.1E-07	1.3E-06	1.6E-07	1.8E-10	1.8E-06
2,3,7,8-TCDF						
OCDD						
OCDF						
HCN						
Hydrogen cyanide			2.0E-04	2.5E-05		2.2E-04
Metals						
Aluminum		1.0E-02			1.0E-04	1.0E-02
Antimony		9.4E-04				9.4E-04
Arsenic	1.2E-03	2.8E-03	4.0E-05	4.9E-06	4.6E-06	4.1E-03
Barium		2.2E-08	2.5E-04	3.1E-05	4.3E-10	2.8E-04
Beryllium		5.2E-13	2.1E-06	2.7E-07	2.6E-15	2.4E-06
Cadmium		8.2E-13	7.6E-05	9.5E-06	4.0E-15	8.5E-05
Chromium		6.4E-11				6.4E-11
Cobalt		8.8E-02	1.6E-03	2.0E-04	2.2E-04	9.0E-02
Copper		1.1E-08				1.1E-08
Iron		3.2E-02				3.2E-02
Lead						
Manganese						
Mercury (+2)		2.1E-10	7.8E-08	9.8E-09	1.0E-14	8.8E-08

Table H-650 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental			3.3E-10	4.1E-11	1.1E-02	1.1E-02
Methyl Mercury		3.8E-11				3.8E-11
Nickel		2.8E-02	3.9E-05	4.8E-06	3.0E-04	2.8E-02
Phosphorus		3.7E-10				3.7E-10
Selenium		8.1E-15	8.7E-09	1.1E-09	9.9E-20	9.8E-09
Silver		1.7E-10				1.7E-10
Titanium						
Zinc		6.1E-13				6.1E-13
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.4E-15	3.1E-15				6.5E-15
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	5.8E-14	5.2E-14				1.1E-13
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						
Benzo(e)pyrene						

Table H-650 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						
Biphenyl		6.7E-15	2.8E-04	3.5E-05	4.9E-12	3.1E-04
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	1.7E-12	1.5E-12				3.2E-12
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene			5.0E-05	6.2E-06		5.6E-05
Perylene						
Phenanthrene						
Pyrene	9.3E-12	8.5E-12				1.8E-11
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	1.4E-11	1.2E-11				2.6E-11
Heptachlorobiphenyl	5.8E-12	4.9E-12	9.8E-10	1.2E-10	3.8E-15	1.1E-09
Hexachlorobiphenyl	2.6E-11	2.2E-11	4.1E-06	5.1E-07	1.7E-11	4.6E-06
Monochlorobiphenyl	9.8E-11	8.3E-11				1.8E-10
Nonachlorobiphenyl	1.0E-12	8.6E-13				1.9E-12
Octachlorobiphenyl	1.9E-12	1.6E-12				3.5E-12

Table H-650 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Pentachlorobiphenyl	9.4E-11	8.0E-11	4.6E-05	5.7E-06	2.0E-10	5.1E-05
Tetrachlorobiphenyl	5.4E-12	4.5E-12	2.3E-07	2.9E-08	2.3E-13	2.6E-07
Trichlorobiphenyl	6.5E-12	5.5E-12				1.2E-11
Pesticides						
Chlordecone (Kepone)	4.2E-03	5.0E-03				9.2E-03
DDE						
SVOCs						
1,2,4-trichlorobenzene			1.3E-07	1.7E-08		1.5E-07
1,2-dichlorobenzene			5.4E-10	6.8E-11		6.1E-10
1,3-Butadiene			1.1E-02			1.1E-02
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.9E-09	2.4E-10		2.1E-09
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			9.3E-08	1.2E-08		1.0E-07
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-10	4.0E-10				7.4E-10
Butyl benzyl phthalate	1.6E-14	1.9E-14				3.6E-14

Table H-650 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbazole						
Dibenzofuran	1.4E-13	5.7E-13				7.1E-13
Dimethyl phthalate						
Di-n-butyl phthalate	3.3E-14	3.9E-14				7.1E-14
Di-n-octyl phthalate	9.4E-13	1.1E-12				2.1E-12
Hexachlorobutadiene						
Isopropanol			1.7E-03			1.7E-03
Phenol			1.5E-06	1.9E-07		1.7E-06
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			2.7E-11	3.3E-12		3.0E-11
1,1-Dichloroethene			1.3E-10	1.6E-11		1.5E-10
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.6E-07	4.5E-08		4.1E-07
1,2,4-Trimethylbenzene			8.9E-07	1.1E-07		1.0E-06
1,2-Dibromoethane			7.7E-09	9.6E-10		8.6E-09
1,2-Dichloroethane			4.0E-07	1.4E-04		1.4E-04
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone			6.6E-09	8.3E-10		7.4E-09

Table H-650 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
2-Chlorotoluene						
2-Hexanone			2.3E-07	2.8E-08		2.5E-07
Benzene			2.8E-03	3.2E-04		3.1E-03
Bromobenzene			6.2E-07	7.8E-08		7.0E-07
Bromochloromethane			2.2E-09	2.8E-10		2.5E-09
Bromodichloromethane						
Bromomethane			7.6E-07	9.5E-08		8.6E-07
Carbon disulfide			4.8E-09	6.0E-10		5.4E-09
Carbon tetrachloride			1.5E-03	1.5E-04		1.6E-03
Chlorobenzene			9.6E-08	1.2E-08		1.1E-07
Chlorodibromomethane						
Chloroethane			9.1E-10	1.1E-10		1.0E-09
Chloroform			2.2E-04	2.4E-05		2.5E-04
Chloromethane			3.4E-07	4.3E-08		3.9E-07
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			5.1E-08	6.4E-09		5.7E-08
Dichlorodifluoromethane			2.5E-09	3.1E-10		2.8E-09
Ethylbenzene			2.7E-05	2.4E-08		2.7E-05
Isopropylbenzene			3.9E-08	4.9E-09		4.4E-08
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.2E-10	1.5E-11		1.3E-10
Methylene chloride			3.0E-08	3.8E-09		3.4E-08

Table H-650 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene			9.4E-09	1.2E-09		1.1E-08
o-Xylene			2.3E-07	2.9E-08		2.6E-07
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			5.1E-07	6.4E-08		5.7E-07
tert-Butylbenzene						
Tetrachloroethene			3.0E-09	3.8E-10		3.4E-09
Toluene			6.3E-08	7.9E-09		7.1E-08
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			3.6E-09	4.5E-10		4.1E-09
Trichlorofluoromethane						
Vinyl chloride			5.0E-08	6.2E-09		5.6E-08
Grand Total	5.4E-03	1.7E-01	3.5E-01	1.0E-03	1.2E-02	5.3E-01

Table H-651 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.1E-09	4.1E-08	1.4E-10	1.4E-08			5.6E-08
Formaldehyde						1.5E-05	9.4E-08	3.6E-10	3.1E-08			1.5E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	5.7E-16	5.8E-13	1.1E-11	2.3E-12	8.5E-11	1.2E-10	4.6E-09	1.4E-11	1.5E-09	3.3E-17	2.7E-15	6.3E-09
1,2,3,4,6,7,8-HpCDF	5.6E-16	5.8E-13	1.1E-11	2.3E-12	8.5E-11	1.2E-10	4.6E-09	1.5E-11	1.5E-09	3.3E-17	2.7E-15	6.4E-09
1,2,3,4,7,8,9-HpCDF	8.4E-17	6.7E-14	1.3E-12	2.6E-13	1.0E-11	1.5E-11	6.0E-10	1.8E-12	2.0E-10	3.8E-18	3.2E-16	8.3E-10
1,2,3,4,7,8-HxCDD	6.5E-15	6.6E-13	1.3E-11	2.6E-12	1.0E-10	1.4E-10	5.6E-09	1.7E-11	1.9E-09	3.7E-17	3.1E-15	7.7E-09
1,2,3,4,7,8-HxCDF	4.5E-14	5.2E-12	1.0E-10	2.0E-11	7.9E-10	1.1E-09	4.5E-08	1.4E-10	1.5E-08	2.9E-16	2.5E-14	6.3E-08
1,2,3,6,7,8-HxCDD	1.2E-14	1.3E-12	2.6E-11	5.3E-12	2.0E-10	2.9E-10	1.2E-08	3.6E-11	3.9E-09	7.5E-17	6.4E-15	1.6E-08
1,2,3,6,7,8-HxCDF	1.6E-14	1.7E-12	3.3E-11	6.7E-12	2.6E-10	3.6E-10	1.5E-08	4.5E-11	4.9E-09	9.6E-17	8.2E-15	2.0E-08
1,2,3,7,8,9-HxCDD	1.8E-14	2.1E-12	4.1E-11	8.3E-12	3.2E-10	4.4E-10	1.8E-08	5.5E-11	5.9E-09	1.2E-16	1.0E-14	2.5E-08
1,2,3,7,8,9-HxCDF	1.3E-15	1.2E-13	2.4E-12	4.8E-13	1.9E-11	2.8E-11	1.1E-09	3.5E-12	3.8E-10	6.9E-18	5.9E-16	1.6E-09
1,2,3,7,8-PeCDD	3.4E-13	7.4E-12	1.4E-10	2.9E-11	1.1E-09	1.8E-09	7.2E-08	2.2E-10	2.4E-08	4.2E-16	3.6E-14	9.9E-08
1,2,3,7,8-PeCDF	2.4E-14	4.4E-13	8.6E-12	1.7E-12	6.8E-11	1.2E-10	5.1E-09	1.6E-11	1.7E-09	2.5E-17	2.1E-15	7.0E-09
2,3,4,6,7,8-HxCDF	2.4E-14	2.7E-12	5.0E-11	1.0E-11	4.0E-10	5.6E-10	2.3E-08	7.1E-11	7.5E-09	1.5E-16	1.2E-14	3.1E-08
2,3,4,7,8-PeCDF	3.8E-13	1.0E-11	2.0E-10	4.1E-11	1.6E-09	2.8E-09	1.1E-07	3.5E-10	3.8E-08	5.9E-16	5.1E-14	1.6E-07
2,3,7,8-TCDD	1.2E-13	1.5E-12	2.2E-11	5.9E-12	1.7E-10	7.0E-10	2.4E-08	8.8E-11	7.9E-09	5.9E-14	3.7E-12	3.2E-08
2,3,7,8-TCDF	3.7E-14	2.7E-13	5.5E-12	1.1E-12	4.3E-11	2.6E-10	1.1E-08	3.2E-11	3.6E-09	1.5E-17	1.4E-15	1.5E-08
OCDD	7.7E-20	3.9E-15	7.2E-14	1.5E-14	5.7E-13	7.6E-13	3.0E-11	9.5E-14	1.0E-11	2.2E-19	1.8E-17	4.2E-11
OCDF	2.9E-20	1.5E-15	2.7E-14	5.9E-15	2.1E-13	2.9E-13	1.1E-11	3.6E-14	3.7E-12	8.5E-20	6.7E-18	1.5E-11
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-651 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	4.4E-16	1.9E-07	2.6E-17	4.5E-07	1.2E-16	9.1E-10	3.2E-08	1.1E-10	1.1E-08	1.1E-10	6.3E-20	6.9E-07
Barium												
Beryllium						3.7E-11	1.2E-09	4.6E-12	4.1E-10	4.4E-20	3.6E-18	1.7E-09
Cadmium						4.9E-10	1.7E-08	6.1E-11	5.7E-09	2.6E-20	2.2E-18	2.3E-08
Chromium												
Cobalt						3.2E-08	5.8E-07	3.9E-09	1.9E-07	4.2E-09	3.0E-12	8.1E-07
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.2E-10	1.1E-08	4.0E-11	3.7E-09	2.5E-09	1.6E-18	1.8E-08
Phosphorus												
Selenium												
Silver												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		2.5E-18	5.0E-17	2.2E-18	9.2E-17							1.5E-16
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.6E-12	5.8E-09	1.0E-11	5.2E-09	1.9E-11	1.2E-10	5.1E-09	1.5E-11	1.7E-09	1.2E-11	9.5E-14	1.8E-08
Benzo(a)pyrene	8.0E-12	6.8E-08	4.4E-11	6.1E-08	8.1E-11	4.6E-10	1.9E-08	5.8E-11	6.4E-09	4.5E-13	1.3E-15	1.6E-07
Benzo(b)fluoranthene	2.2E-13	1.2E-08	2.4E-13	1.1E-08	4.4E-13	5.2E-11	2.1E-09	6.4E-12	6.9E-10	8.2E-14	7.1E-18	2.6E-08
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-651 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Outdoor Vapors at CJ	Inhalation of Outdoor Vapors at Home	Grand Total
Benzo(k)fluoranthene	1.8E-16	9.2E-10	1.4E-14	8.4E-10	2.6E-14	4.6E-13	8.2E-12	5.7E-14	2.7E-12	6.2E-14	4.2E-18	1.8E-09
Biphenyl				9.5E-18	4.0E-16							4.1E-16
Chrysene	2.8E-15	7.1E-11	1.3E-13	6.5E-11	2.3E-13	2.0E-11	8.3E-10	2.5E-12	2.8E-10	4.8E-15	3.7E-17	1.3E-09
Dibenze(a,h)anthracene	4.0E-13	7.8E-13	1.6E-11	7.1E-13	2.8E-11	8.0E-11	3.3E-09	9.9E-12	1.1E-09	5.7E-18	5.0E-16	4.5E-09
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.0E-13	2.9E-09	4.3E-12	2.7E-09	7.9E-12	2.4E-11	1.0E-09	3.0E-12	3.3E-10	2.0E-14	1.3E-16	7.0E-09
Napthalene						1.8E-09	7.5E-08	2.3E-10	2.5E-08			1.0E-07
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.5E-16	1.4E-17	2.9E-16	1.2E-17	4.8E-16	6.6E-13	2.7E-11	8.3E-14	9.1E-12	3.2E-19	2.8E-17	3.7E-11
Heptachlorobiphenyl	1.6E-16	4.8E-17	9.2E-16	4.0E-17	1.6E-15	2.6E-13	1.0E-11	3.2E-14	3.5E-12	5.8E-19	5.0E-17	1.4E-11
Hexachlorobiphenyl	6.6E-16	2.2E-16	3.9E-15	1.8E-16	6.5E-15	1.1E-12	4.2E-11	1.4E-13	1.4E-11	2.6E-18	2.1E-16	5.7E-11
Monochlorobiphenyl	1.1E-15	1.0E-16	2.0E-15	8.4E-17	3.4E-15	4.6E-12	1.9E-10	5.8E-13	6.3E-11	2.3E-18	2.0E-16	2.6E-10
Nonachlorobiphenyl	2.0E-17	8.4E-18	1.3E-16	7.1E-18	2.2E-16	3.7E-14	1.3E-12	4.6E-15	4.3E-13	1.0E-19	7.1E-18	1.8E-12
Octachlorobiphenyl	4.9E-17	1.5E-17	2.8E-16	1.3E-17	4.8E-16	7.9E-14	3.1E-12	9.9E-15	1.0E-12	1.9E-19	1.5E-17	4.2E-12
Pentachlorobiphenyl	2.2E-15	7.8E-16	1.3E-14	6.5E-16	2.2E-14	3.7E-12	1.4E-10	4.6E-13	4.7E-11	9.5E-18	7.2E-16	1.9E-10
Tetrachlorobiphenyl	4.5E-17	5.5E-18	9.3E-17	4.6E-18	1.6E-16	2.2E-13	8.1E-12	2.7E-14	2.7E-12	1.2E-19	9.2E-18	1.1E-11
Trichlorobiphenyl	5.9E-17	6.6E-18	1.2E-16	5.6E-18	2.0E-16	2.7E-13	1.1E-11	3.4E-14	3.5E-12	1.5E-19	1.2E-17	1.4E-11
Pesticides												
Chlordecone (Kepone)		4.5E-06		5.4E-06						1.2E-10		9.9E-06
DDE				2.5E-08						2.3E-10		2.5E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene							2.3E-07					2.3E-07
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.8E-19						6.0E-12	2.7E-10	7.5E-13	8.9E-11		3.6E-10
2,4-Dimethylphenol												

Table H-651 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.5E-15	3.4E-14	6.0E-13	4.0E-14	1.4E-12	1.6E-10	6.3E-09	2.0E-11	2.1E-09	3.3E-19	2.6E-17	8.6E-09
Butyl benzyl phthalate	1.2E-16	2.2E-18	4.5E-17	2.6E-18	1.1E-16							2.8E-16
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	1.9E-16					3.5E-10	6.2E-09	4.4E-11	2.1E-09			8.7E-09
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	2.5E-20					3.6E-13	1.2E-11	4.5E-14	4.0E-12			1.6E-11
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.2E-17											1.2E-17
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	2.7E-19					1.5E-11	2.6E-10	1.9E-12	8.8E-11			3.7E-10
1,2-Dichloroethane	3.8E-19					2.6E-11	9.7E-10	9.3E-09	3.2E-10			1.1E-08
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-651 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	3.9E-17					2.4E-07	9.5E-08	2.7E-08	3.2E-08			3.9E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	7.0E-21					1.3E-12	2.2E-11	1.6E-13	7.5E-12			3.1E-11
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	3.4E-21					3.2E-07	8.3E-12	3.3E-08	2.8E-12			3.5E-07
Chlorobenzene												
Chlorodibromomethane	5.5E-19											5.5E-19
Chloroethane												
Chloroform	3.1E-20					1.8E-07	3.1E-10	2.0E-08	1.0E-10			2.0E-07
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	5.9E-18					2.4E-08	6.6E-09	2.2E-11	2.2E-09			3.3E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	1.9E-20					6.4E-14	2.4E-12	8.1E-15	7.9E-13			3.2E-12
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.0E-22					1.1E-14	3.9E-13	1.4E-15	1.3E-13			5.4E-13
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.1E-22					1.1E-14	1.9E-13	1.3E-15	6.3E-14			2.6E-13
Trichlorofluoromethane												

Table H-651 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.2E-19					7.8E-12	1.9E-10	9.7E-13	6.3E-11			2.6E-10
Grand Total	1.1E-11	4.8E-06	7.5E-10	5.9E-06	5.4E-09	1.6E-05	1.3E-06	9.5E-08	4.5E-07	7.2E-09	7.0E-12	2.9E-05

Table H-652 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	1.5E-03	5.2E-06	5.0E-04			2.0E-03
Aldehydes												
Acetaldehyde						1.6E-04	5.8E-03	2.0E-05	1.9E-03			7.9E-03
Formaldehyde	2.3E-12					3.3E-01	2.1E-03	7.9E-06	6.9E-04			3.3E-01
Propionaldehyde						2.0E-05	7.2E-04	2.5E-06	2.4E-04	2.1E-12	1.5E-10	9.8E-04
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-06	3.1E-07	9.0E-06	1.3E-06	4.3E-05	1.6E-07	1.4E-05	1.8E-10	1.2E-08	7.0E-05
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	7.7E-03	2.5E-05	2.6E-03			1.1E-02
Metals												
Aluminum				1.0E-02						1.0E-04		1.0E-02
Antimony	3.9E-14			9.4E-04								9.4E-04

Table H-652 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	1.2E-03	1.6E-13	2.8E-03	7.6E-13	4.0E-05	1.4E-03	4.9E-06	4.7E-04	4.6E-06	2.7E-15	5.9E-03
Barium	1.4E-11			2.2E-08	7.5E-07	2.5E-04	6.8E-03	3.1E-05	2.3E-03	4.3E-10	3.2E-08	9.3E-03
Beryllium	1.7E-14			5.2E-13	2.0E-11	2.1E-06	7.3E-05	2.7E-07	2.4E-05	2.6E-15	2.1E-13	9.9E-05
Cadmium	8.3E-12			8.2E-13	3.1E-11	7.6E-05	2.6E-03	9.5E-06	8.8E-04	4.0E-15	3.4E-13	3.6E-03
Chromium	1.9E-15			6.4E-11	2.5E-09							2.6E-09
Cobalt				8.8E-02	4.7E-05	1.6E-03	3.0E-02	2.0E-04	9.9E-03	2.2E-04	2.6E-07	1.3E-01
Copper				1.1E-08	4.3E-07							4.4E-07
Iron				3.2E-02								3.2E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.6E-09	7.8E-08	2.8E-06	9.8E-09	9.2E-07	1.0E-14	7.1E-13	3.8E-06
Mercury, elemental						3.3E-10	1.2E-08	4.1E-11	3.8E-09	1.1E-02		1.1E-02
Methyl Mercury	1.3E-10			3.8E-11	1.5E-09							1.6E-09
Nickel	1.7E-13			2.8E-02	7.8E-12	3.9E-05	1.3E-03	4.8E-06	4.4E-04	3.0E-04	1.9E-13	3.0E-02
Phosphorus				3.7E-10	1.4E-08							1.4E-08
Selenium	5.5E-14			8.1E-15	3.1E-13	8.7E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-20	8.4E-18	4.2E-07
Silver	4.2E-14			1.7E-10	6.3E-09							6.5E-09
Titanium												
Zinc	1.4E-11			6.1E-13	2.2E-11							3.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	6.9E-14	3.1E-15	1.3E-13							2.0E-13
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	1.2E-12	5.2E-14	2.1E-12							3.4E-12
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-652 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	2.8E-13	2.8E-04	1.2E-02	3.5E-05	3.9E-03	4.9E-12	4.5E-10	1.6E-02
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	3.4E-11	1.5E-12	6.3E-11							1.1E-10
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	2.1E-03	6.2E-06	6.9E-04			2.8E-03
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.9E-10	8.5E-12	3.5E-10							5.6E-10
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.8E-10	1.2E-11	4.7E-10							8.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	1.1E-10	4.9E-12	1.9E-10	9.8E-10	3.9E-08	1.2E-10	1.3E-08	3.8E-15	3.3E-13	5.4E-08
Hexachlorobiphenyl	4.7E-11	2.6E-11	4.7E-10	2.2E-11	8.0E-10	4.1E-06	1.6E-04	5.1E-07	5.3E-05	1.7E-11	1.4E-09	2.2E-04
Monochlorobiphenyl	6.1E-10	9.8E-11	2.0E-09	8.3E-11	3.3E-09							6.0E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.6E-11	8.6E-13	2.7E-11							4.6E-11
Octachlorobiphenyl	3.4E-12	1.9E-12	3.4E-11	1.6E-12	5.8E-11							9.9E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.6E-09	8.0E-11	2.7E-09	4.6E-05	1.7E-03	5.7E-06	5.7E-04	2.0E-10	1.5E-08	2.3E-03
Tetrachlorobiphenyl	2.6E-11	5.4E-12	9.1E-11	4.5E-12	1.5E-10	2.3E-07	8.7E-06	2.9E-08	2.9E-06	2.3E-13	1.7E-11	1.2E-05
Trichlorobiphenyl	3.4E-11	6.5E-12	1.2E-10	5.5E-12	2.0E-10							3.6E-10
Pesticides												
Chlordecone (Kepone)		4.2E-03		5.0E-03								9.2E-03
DDE												
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	4.3E-06	1.7E-08	1.4E-06			5.9E-06
1,2-dichlorobenzene	3.1E-17					5.4E-10	9.7E-09	6.8E-11	3.2E-09			1.4E-08
1,3-Butadiene						1.1E-02						1.1E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	8.5E-08	2.4E-10	2.8E-08			1.2E-07
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-652 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	3.9E-06	1.2E-08	1.3E-06			5.3E-06
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	6.0E-09	4.0E-10	1.4E-08							2.1E-08
Butyl benzyl phthalate	8.8E-13	1.6E-14	3.3E-13	1.9E-14	7.9E-13							2.0E-12
Carbazole												
Dibenzofuran		1.4E-13	2.9E-12	5.7E-13	2.3E-11							2.6E-11
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	6.7E-13	3.9E-14	1.6E-12							1.9E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	8.7E-12	1.1E-12	2.1E-11							3.1E-11
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.7E-03						1.7E-03
Phenol	4.9E-13					1.5E-06	6.2E-05	1.9E-07	2.1E-05			8.5E-05
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	1.0E-09	3.3E-12	3.3E-10			1.4E-09
1,1-Dichloroethene	1.2E-19					1.3E-10	2.3E-09	1.6E-11	7.7E-10			3.2E-09
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	6.4E-06	4.5E-08	2.1E-06			9.0E-06
1,2,4-Trimethylbenzene						8.9E-07	2.8E-05	1.1E-07	9.4E-06			3.9E-05
1,2-Dibromoethane	4.1E-17					7.7E-09	1.4E-07	9.6E-10	4.6E-08			1.9E-07
1,2-Dichloroethane	1.9E-15					4.0E-07	1.5E-05	1.4E-04	5.0E-06			1.6E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	2.6E-07	8.3E-10	8.7E-08			3.6E-07
2-Chlorotoluene												
2-Hexanone						2.3E-07	8.2E-06	2.8E-08	2.7E-06			1.1E-05

Table H-652 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					2.8E-03	1.1E-03	3.2E-04	3.8E-04			4.7E-03
Bromobenzene						6.2E-07	1.1E-05	7.8E-08	3.7E-06			1.5E-05
Bromochloromethane						2.2E-09	3.9E-08	2.8E-10	1.3E-08			5.5E-08
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	2.3E-05	9.5E-08	7.6E-06			3.1E-05
Carbon disulfide	1.3E-17					4.8E-09	1.4E-07	6.0E-10	4.7E-08			1.9E-07
Carbon tetrachloride	3.4E-17					1.5E-03	3.9E-08	1.5E-04	1.3E-08			1.6E-03
Chlorobenzene	2.3E-15					9.6E-08	3.4E-06	1.2E-08	1.1E-06			4.7E-06
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	3.2E-08	1.1E-10	1.1E-08			4.3E-08
Chloroform	2.8E-16					2.2E-04	3.9E-07	2.4E-05	1.3E-07			2.5E-04
Chloromethane						3.4E-07	1.0E-05	4.3E-08	3.5E-06			1.4E-05
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	9.1E-07	6.4E-09	3.0E-07			1.3E-06
Dichlorodifluoromethane	2.4E-20					2.5E-09	4.4E-08	3.1E-10	1.5E-08			6.2E-08
Ethylbenzene	1.5E-14					2.7E-05	7.4E-06	2.4E-08	2.5E-06			3.7E-05
Isopropylbenzene	2.0E-17					3.9E-08	1.3E-06	4.9E-09	4.5E-07			1.8E-06
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.1E-09	1.5E-11	7.1E-10			3.0E-09
Methylene chloride	4.3E-15					3.0E-08	1.1E-06	3.8E-09	3.7E-07			1.5E-06
n-Butylbenzene												
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07			4.2E-07
o-Xylene	1.4E-15					2.3E-07	7.6E-06	2.9E-08	2.5E-06			1.0E-05
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.9E-05	6.4E-08	6.2E-06			2.5E-05
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	1.1E-07	3.8E-10	3.5E-08			1.4E-07
Toluene	2.0E-14					6.3E-08	2.5E-06	7.9E-09	8.3E-07			3.4E-06
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					3.6E-09	6.5E-08	4.5E-10	2.2E-08			9.0E-08
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-652 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					5.0E-08	1.2E-06	6.2E-09	4.0E-07			1.7E-06
Grand Total	5.0E-09	5.4E-03	1.1E-06	1.7E-01	5.8E-05	3.5E-01	7.7E-02	1.0E-03	2.6E-02	1.2E-02	3.2E-07	6.3E-01

Table H-653 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			3.7E-08	4.7E-09		4.2E-08
Formaldehyde			8.3E-08	1.0E-08		9.3E-08
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	1.7E-11	6.7E-11	4.4E-09	5.5E-10	9.6E-16	5.0E-09
1,2,3,4,6,7,8-HpCDF	1.7E-11	6.7E-11	4.4E-09	5.5E-10	9.6E-16	5.0E-09
1,2,3,4,7,8,9-HpCDF	2.1E-12	8.3E-12	5.8E-10	7.2E-11	1.2E-16	6.6E-10
1,2,3,4,7,8-HxCDD	2.0E-11	8.0E-11	5.4E-09	6.7E-10	1.1E-15	6.1E-09
1,2,3,4,7,8-HxCDF	1.6E-10	6.3E-10	4.4E-08	5.4E-09	9.0E-15	5.0E-08
1,2,3,6,7,8-HxCDD	4.1E-11	1.6E-10	1.1E-08	1.4E-09	2.3E-15	1.3E-08
1,2,3,6,7,8-HxCDF	5.3E-11	2.1E-10	1.4E-08	1.8E-09	3.0E-15	1.6E-08
1,2,3,7,8,9-HxCDD	6.5E-11	2.6E-10	1.7E-08	2.1E-09	3.7E-15	2.0E-08
1,2,3,7,8,9-HxCDF	3.9E-12	1.5E-11	1.1E-09	1.4E-10	2.2E-16	1.3E-09
1,2,3,7,8-PeCDD	2.3E-10	9.2E-10	6.9E-08	8.6E-09	1.3E-14	7.9E-08

Table H-653 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	1.4E-11	5.4E-11	4.9E-09	6.2E-10	7.8E-16	5.6E-09
2,3,4,6,7,8-HxCDF	8.0E-11	3.1E-10	2.2E-08	2.7E-09	4.5E-15	2.5E-08
2,3,4,7,8-PeCDF	3.3E-10	1.3E-09	1.1E-07	1.4E-08	1.9E-14	1.3E-07
2,3,7,8-TCDD	3.0E-11	1.2E-10	2.1E-08	2.6E-09	1.2E-12	2.4E-08
2,3,7,8-TCDF	8.9E-12	3.5E-11	1.0E-08	1.3E-09	5.0E-16	1.2E-08
OCDD	1.1E-13	4.4E-13	2.9E-11	3.6E-12	6.4E-18	3.3E-11
OCDF	4.2E-14	1.6E-13	1.1E-11	1.3E-12	2.4E-18	1.2E-11
HCN						
Hydrogen cyanide						
Metals						
Antimony						
Arsenic	3.2E-17	7.5E-17	2.9E-08	3.7E-09	1.7E-20	3.3E-08
Barium						
Beryllium			1.1E-09	1.4E-10	9.7E-19	1.2E-09
Cadmium			1.5E-08	1.9E-09	6.0E-19	1.7E-08
Chromium						
Cobalt			3.0E-07	3.8E-08	5.6E-13	3.4E-07
Copper						
Lead						
Manganese						
Mercury (+2)						
Mercury, elemental						
Methyl Mercury						

Table H-653 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Nickel			1.0E-08	1.3E-09	4.2E-19	1.1E-08
Phosphorus						
Selenium						
Silver						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	8.2E-17	7.5E-17				1.6E-16
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	1.8E-11	1.6E-11	5.0E-09	6.3E-10	3.7E-14	5.7E-09
Benzo(a)pyrene	7.3E-11	6.6E-11	1.9E-08	2.3E-09	4.9E-16	2.1E-08
Benzo(b)fluoranthene	3.8E-13	3.5E-13	2.0E-09	2.5E-10	2.6E-18	2.2E-09
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	1.3E-14	1.1E-14	3.9E-12	4.9E-13	8.4E-19	4.5E-12

Table H-653 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Biphenyl		3.3E-16				3.3E-16
Chrysene	2.1E-13	1.9E-13	8.1E-10	1.0E-10	1.4E-17	9.1E-10
Dibenze(a,h)anthracene	2.5E-11	2.3E-11	3.2E-09	4.0E-10	1.9E-16	3.6E-09
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	7.0E-12	6.4E-12	9.7E-10	1.2E-10	4.7E-17	1.1E-09
Napthalene			7.3E-08	9.1E-09		8.2E-08
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	4.6E-16	3.9E-16	2.6E-11	3.3E-12	1.0E-17	3.0E-11
Heptachlorobiphenyl	1.5E-15	1.2E-15	1.0E-11	1.3E-12	1.8E-17	1.1E-11
Hexachlorobiphenyl	6.0E-15	5.1E-15	4.0E-11	5.0E-12	7.4E-17	4.5E-11
Monochlorobiphenyl	3.2E-15	2.7E-15	1.8E-10	2.3E-11	7.3E-17	2.1E-10
Nonachlorobiphenyl	1.9E-16	1.6E-16	1.2E-12	1.5E-13	2.3E-18	1.3E-12
Octachlorobiphenyl	4.4E-16	3.7E-16	2.9E-12	3.7E-13	5.4E-18	3.3E-12
Pentachlorobiphenyl	2.0E-14	1.7E-14	1.3E-10	1.6E-11	2.5E-16	1.5E-10
Tetrachlorobiphenyl	1.4E-16	1.2E-16	7.5E-12	9.4E-13	3.2E-18	8.5E-12

Table H-653 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Trichlorobiphenyl	1.8E-16	1.5E-16	1.0E-11	1.2E-12	4.1E-18	1.1E-11
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-dichlorobenzene						
1,4-dichlorobenzene			2.7E-10	3.3E-11		3.0E-10
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	9.4E-13	1.1E-12	6.0E-09	7.5E-10	9.3E-18	6.8E-09
Butyl benzyl phthalate	7.4E-17	8.7E-17				1.6E-16
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			3.1E-09	3.9E-10		3.5E-09

Table H-653 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			1.1E-11	1.3E-12		1.2E-11
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			1.3E-10	1.6E-11		1.5E-10
1,2-Dichloroethane			9.1E-10	1.1E-10		1.0E-09
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						
2-Chlorotoluene						
2-Hexanone						
Benzene			9.0E-08	1.1E-08		1.0E-07
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			1.1E-11	1.4E-12		1.3E-11
Bromomethane						

Table H-653 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbon disulfide						
Carbon tetrachloride			4.1E-12	5.2E-13		4.7E-12
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			1.8E-10	2.2E-11		2.0E-10
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			6.2E-09	7.7E-10		6.9E-09
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			2.2E-12	2.7E-13		2.5E-12
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						

Table H-653 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
tert-Butylbenzene						
Tetrachloroethene			3.5E-13	4.4E-14		4.0E-13
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			9.4E-14	1.2E-14		1.1E-13
Trichlorofluoromethane						
Vinyl chloride			1.4E-10	1.7E-11		1.5E-10
Grand Total	1.2E-09	4.3E-09	1.0E-06	1.3E-07	1.8E-12	1.2E-06

Table H-654 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Acid Gas						
Hydrogen Chloride			1.4E-03	1.7E-04		1.5E-03
Aldehydes						
Acetaldehyde			5.3E-03	6.6E-04		5.9E-03
Formaldehyde			1.8E-03	2.3E-04		2.1E-03
Propionaldehyde			6.6E-04	8.2E-05	4.9E-11	7.4E-04
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-654 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	1.6E-06	6.2E-06	3.8E-05	4.8E-06	3.7E-09	5.1E-05
2,3,7,8-TCDF						
OCDD						
OCDF						
HCN						
Hydrogen cyanide			7.3E-03	9.1E-04		8.2E-03
Metals						
Antimony						
Arsenic	2.0E-13	4.6E-13	1.3E-03	1.6E-04	7.6E-16	1.4E-03
Barium		3.7E-07	5.3E-03	6.6E-04	7.3E-09	6.0E-03
Beryllium		1.2E-11	6.5E-05	8.1E-06	5.7E-14	7.3E-05
Cadmium		1.9E-11	2.4E-03	3.0E-04	9.3E-14	2.7E-03
Chromium		1.5E-09				1.5E-09
Cobalt		1.9E-05	1.6E-02	2.0E-03	4.7E-08	1.8E-02
Copper		2.5E-07				2.5E-07
Lead						
Manganese						
Mercury (+2)		4.7E-09	2.5E-06	3.1E-07	2.3E-13	2.8E-06
Mercury, elemental			1.0E-08	1.3E-09		1.2E-08
Methyl Mercury		8.9E-10				8.9E-10

Table H-654 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Nickel		4.6E-12	1.2E-03	1.5E-04	5.1E-14	1.3E-03
Phosphorus		7.9E-09				7.9E-09
Selenium		1.9E-13	2.8E-07	3.4E-08	2.3E-18	3.1E-07
Silver		3.6E-09				3.6E-09
Titanium						
Zinc		1.1E-11				1.1E-11
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	1.1E-13	1.0E-13				2.2E-13
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	1.9E-12	1.8E-12				3.7E-12
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						

Table H-654 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Biphenyl		2.3E-13	1.1E-02	1.4E-03	1.7E-10	1.3E-02
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	5.6E-11	5.1E-11				1.1E-10
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene			2.0E-03	2.5E-04		2.3E-03
Perylene						
Phenanthrene						
Pyrene	3.1E-10	2.9E-10				6.0E-10
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	4.5E-10	3.8E-10				8.4E-10
Heptachlorobiphenyl	1.8E-10	1.5E-10	3.8E-08	4.7E-09	1.2E-13	4.3E-08
Hexachlorobiphenyl	7.3E-10	6.2E-10	1.5E-04	1.9E-05	4.8E-10	1.7E-04
Monochlorobiphenyl	3.2E-09	2.7E-09				5.8E-09
Nonachlorobiphenyl	2.3E-11	1.9E-11				4.2E-11
Octachlorobiphenyl	5.4E-11	4.5E-11				9.9E-11
Pentachlorobiphenyl	2.4E-09	2.1E-09	1.6E-03	2.0E-04	5.3E-09	1.8E-03
Tetrachlorobiphenyl	1.4E-10	1.2E-10	8.1E-06	1.0E-06	5.8E-12	9.1E-06

Table H-654 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Trichlorobiphenyl	1.8E-10	1.5E-10				3.3E-10
SVOCs						
1,2,4-trichlorobenzene			3.8E-06	4.7E-07		4.2E-06
1,2-dichlorobenzene			4.8E-09	6.0E-10		5.4E-09
1,3-dichlorobenzene						
1,4-dichlorobenzene			8.5E-08	1.1E-08		9.5E-08
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			3.8E-06	4.8E-07		4.3E-06
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	9.4E-09	1.1E-08				2.0E-08
Butyl benzyl phthalate	5.4E-13	6.4E-13				1.2E-12
Carbazole						
Dibenzofuran	4.6E-12	1.8E-11				2.3E-11
Dimethyl phthalate						
Di-n-butyl phthalate	1.1E-12	1.3E-12				2.4E-12
Di-n-octyl phthalate	7.7E-12	9.0E-12				1.7E-11
Hexachlorobutadiene						

Table H-654 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Phenol			6.0E-05	7.6E-06		6.8E-05
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			9.3E-10	1.2E-10		1.0E-09
1,1-Dichloroethene			1.2E-09	1.4E-10		1.3E-09
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.2E-06	4.0E-07		3.6E-06
1,2,4-Trimethylbenzene			2.4E-05	3.0E-06		2.7E-05
1,2-Dibromoethane			6.8E-08	8.5E-09		7.7E-08
1,2-Dichloroethane			1.4E-05	1.7E-06		1.6E-05
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone			2.5E-07	3.1E-08		2.8E-07
2-Chlorotoluene						
2-Hexanone			7.5E-06	9.4E-07		8.5E-06
Benzene			1.1E-03	1.3E-04		1.2E-03
Bromobenzene			5.5E-06	6.9E-07		6.2E-06
Bromochloromethane			2.0E-08	2.4E-09		2.2E-08
Bromodichloromethane						
Bromomethane			1.9E-05	2.4E-06		2.2E-05

Table H-654 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbon disulfide			1.1E-07	1.4E-08		1.3E-07
Carbon tetrachloride			1.9E-08	2.4E-09		2.2E-08
Chlorobenzene			3.1E-06	3.9E-07		3.5E-06
Chlorodibromomethane						
Chloroethane			2.9E-08	3.6E-09		3.2E-08
Chloroform			2.2E-07	2.8E-08		2.5E-07
Chloromethane			8.7E-06	1.1E-06		9.8E-06
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			4.5E-07	5.6E-08		5.1E-07
Dichlorodifluoromethane			2.2E-08	2.8E-09		2.5E-08
Ethylbenzene			6.9E-06	8.6E-07		7.8E-06
Isopropylbenzene			1.2E-06	1.5E-07		1.4E-06
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.1E-09	1.3E-10		1.2E-09
Methylene chloride			1.0E-06	1.3E-07		1.2E-06
n-Butylbenzene						
n-Propylbenzene			2.7E-07	3.4E-08		3.0E-07
o-Xylene			6.7E-06	8.4E-07		7.6E-06
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			1.7E-05	2.1E-06		1.9E-05

Table H-654 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
tert-Butylbenzene						
Tetrachloroethene			9.5E-08	1.2E-08		1.1E-07
Toluene			2.4E-06	2.9E-07		2.7E-06
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			3.2E-08	4.0E-09		3.6E-08
Trichlorofluoromethane						
Vinyl chloride			8.6E-07	1.1E-07		9.7E-07
Grand Total	1.6E-06	2.6E-05	5.9E-02	7.4E-03	6.4E-08	6.6E-02

Table H-655 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas							
Hydrogen Chloride							
Aldehydes							
Acetaldehyde				5.6E-08	1.9E-08		7.4E-08
Formaldehyde				1.3E-07	4.3E-08		1.7E-07
Propionaldehyde							
CO							
Carbon monoxide							
CO2							
Carbon dioxide							
Criteria							
Sulfur Dioxide							
DIOXINS							
1,2,3,4,6,7,8-HpCDD	5.7E-16	1.1E-11	8.5E-11	6.3E-09	2.1E-09	3.7E-15	8.4E-09
1,2,3,4,6,7,8-HpCDF	5.6E-16	1.1E-11	8.5E-11	6.3E-09	2.1E-09	3.7E-15	8.5E-09
1,2,3,4,7,8,9-HpCDF	8.4E-17	1.3E-12	1.0E-11	8.2E-10	2.7E-10	4.4E-16	1.1E-09
1,2,3,4,7,8-HxCDD	6.5E-15	1.3E-11	1.0E-10	7.6E-09	2.5E-09	4.3E-15	1.0E-08
1,2,3,4,7,8-HxCDF	4.5E-14	1.0E-10	7.9E-10	6.2E-08	2.1E-08	3.4E-14	8.3E-08
1,2,3,6,7,8-HxCDD	1.2E-14	2.6E-11	2.0E-10	1.6E-08	5.4E-09	8.8E-15	2.2E-08
1,2,3,6,7,8-HxCDF	1.6E-14	3.3E-11	2.6E-10	2.0E-08	6.7E-09	1.1E-14	2.7E-08
1,2,3,7,8,9-HxCDD	1.8E-14	4.1E-11	3.2E-10	2.4E-08	8.1E-09	1.4E-14	3.3E-08
1,2,3,7,8,9-HxCDF	1.3E-15	2.4E-12	1.9E-11	1.6E-09	5.2E-10	8.1E-16	2.1E-09
1,2,3,7,8-PeCDD	3.4E-13	1.4E-10	1.1E-09	9.8E-08	3.3E-08	4.9E-14	1.3E-07

Table H-655 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
1,2,3,7,8-PeCDF	2.4E-14	8.6E-12	6.8E-11	7.0E-09	2.3E-09	2.9E-15	9.4E-09
2,3,4,6,7,8-HxCDF	2.4E-14	5.0E-11	4.0E-10	3.1E-08	1.0E-08	1.7E-14	4.2E-08
2,3,4,7,8-PeCDF	3.8E-13	2.0E-10	1.6E-09	1.6E-07	5.2E-08	6.9E-14	2.1E-07
2,3,7,8-TCDD	1.2E-13	2.2E-11	1.7E-10	3.2E-08	1.1E-08	5.1E-12	4.3E-08
2,3,7,8-TCDF	3.7E-14	5.5E-12	4.3E-11	1.5E-08	4.8E-09	1.9E-15	1.9E-08
OCDD	7.7E-20	7.2E-14	5.7E-13	4.1E-11	1.4E-11	2.4E-17	5.6E-11
OCDF	2.9E-20	2.7E-14	2.1E-13	1.5E-11	5.1E-12	9.1E-18	2.1E-11
HCN							
Hydrogen cyanide							
Metals							
Antimony							
Arsenic	4.4E-16	2.6E-17	1.2E-16	4.4E-08	1.5E-08	8.6E-20	5.9E-08
Barium							
Beryllium				1.7E-09	5.7E-10	5.0E-18	2.3E-09
Cadmium				2.3E-08	7.7E-09	3.0E-18	3.1E-08
Chromium							
Cobalt				7.8E-07	2.6E-07	4.1E-12	1.0E-06
Copper							
Lead							
Manganese							
Mercury (+2)							
Mercury, elemental							
Methyl Mercury							

Table H-655 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Nickel				1.5E-08	5.0E-09	2.1E-18	2.0E-08
Phosphorus							
Selenium							
Silver							
Titanium							
Zinc							
NOx							
NOx (Oxides of Nitrogen)							
PAHs							
1-Methylnaphthalene		5.0E-17	9.2E-17				1.4E-16
1-Methylphenanthrene							
2,3,5-Trimethylnaphthalene							
2,6-Dimethylnaphthalene							
2-Methylnaphthalene							
Acenaphthylene							
Acenaphthene							
Anthracene							
Benzo(a)anthracene	1.6E-12	1.0E-11	1.9E-11	6.9E-09	2.3E-09	1.3E-13	9.3E-09
Benzo(a)pyrene	8.0E-12	4.4E-11	8.1E-11	2.6E-08	8.8E-09	1.8E-15	3.5E-08
Benzo(b)fluoranthene	2.2E-13	2.4E-13	4.4E-13	2.8E-09	9.4E-10	9.7E-18	3.8E-09
Benzo(e)pyrene							
Benzo(g,h,i)perylene							
Benzo(k)fluoranthene	1.8E-16	1.4E-14	2.6E-14	1.1E-11	3.7E-12	5.8E-18	1.5E-11

Table H-655 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Biphenyl			4.0E-16				4.0E-16
Chrysene	2.8E-15	1.3E-13	2.3E-13	1.1E-09	3.8E-10	5.1E-17	1.5E-09
Dibenze(a,h)anthracene	4.0E-13	1.6E-11	2.8E-11	4.5E-09	1.5E-09	6.9E-16	6.0E-09
Fluoranthene							
Fluorene							
Indeno(1,2,3-cd)pyrene	1.0E-13	4.3E-12	7.9E-12	1.4E-09	4.5E-10	1.7E-16	1.8E-09
Napthalene				1.0E-07	3.4E-08		1.4E-07
Perylene							
Phenanthrene							
Pyrene							
Particulate							
Particulate Total Suspended Particulate							
PM<10							
PM<2.5							
PCBs							
Dichlorobiphenyl	1.5E-16	2.9E-16	4.8E-16	3.7E-11	1.2E-11	3.9E-17	4.9E-11
Heptachlorobiphenyl	1.6E-16	9.2E-16	1.6E-15	1.4E-11	4.7E-12	6.8E-17	1.9E-11
Hexachlorobiphenyl	6.6E-16	3.9E-15	6.5E-15	5.8E-11	1.9E-11	2.8E-16	7.7E-11
Monochlorobiphenyl	1.1E-15	2.0E-15	3.4E-15	2.6E-10	8.6E-11	2.7E-16	3.5E-10
Nonachlorobiphenyl	2.0E-17	1.3E-16	2.2E-16	1.8E-12	5.9E-13	9.6E-18	2.4E-12
Octachlorobiphenyl	4.9E-17	2.8E-16	4.8E-16	4.2E-12	1.4E-12	2.1E-17	5.6E-12
Pentachlorobiphenyl	2.2E-15	1.3E-14	2.2E-14	1.9E-10	6.4E-11	9.8E-16	2.6E-10
Tetrachlorobiphenyl	4.5E-17	9.3E-17	1.6E-16	1.1E-11	3.7E-12	1.3E-17	1.5E-11

Table H-655 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Trichlorobiphenyl	5.9E-17	1.2E-16	2.0E-16	1.4E-11	4.8E-12	1.6E-17	1.9E-11
SVOCs							
1,2,4-trichlorobenzene							
1,2-dichlorobenzene							
1,3-dichlorobenzene							
1,4-dichlorobenzene	1.8E-19			3.6E-10	1.2E-10		4.9E-10
2,4-Dimethylphenol							
2-Chlorophenol							
2-Methylphenol							
2-Nitrophenol							
3-Methylphenol & 4-Methylphenol							
4-Nitrophenol							
Acetophenone							
Benzoic acid							
Benzyl alcohol							
bis(2-Ethylhexyl) phthalate	2.5E-15	6.0E-13	1.4E-12	8.7E-09	2.9E-09	3.6E-17	1.2E-08
Butyl benzyl phthalate	1.2E-16	4.5E-17	1.1E-16				2.7E-16
Carbazole							
Dibenzofuran							
Dimethyl phthalate							
Di-n-butyl phthalate							
Di-n-octyl phthalate							
Hexachlorobutadiene	1.9E-16			8.5E-09	2.8E-09		1.1E-08

Table H-655 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Phenol							
Pyridine							
TRS							
Total Reduced Sulfur							
VOCs							
1,1,1,2-Tetrachloroethane	2.5E-20			1.6E-11	5.5E-12		2.2E-11
1,1,1-Trichloroethane							
1,1-Dichloroethene							
1,2,3-Trichlorobenzene							
1,2,3-Trichloropropane	1.2E-17						1.2E-17
1,2,4-Trimethylbenzene							
1,2-Dibromoethane	2.7E-19			3.6E-10	1.2E-10		4.8E-10
1,2-Dichloroethane	3.8E-19			1.3E-09	4.4E-10		1.8E-09
1,3,5-Trimethylbenzene							
1,3-Dichloropropane							
2-Butanone							
2-Chlorotoluene							
2-Hexanone							
Benzene	3.9E-17			1.3E-07	4.3E-08		1.7E-07
Bromobenzene							
Bromochloromethane							
Bromodichloromethane	7.0E-21			3.1E-11	1.0E-11		4.1E-11
Bromomethane							

Table H-655 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Carbon disulfide							
Carbon tetrachloride	3.4E-21			1.1E-11	3.8E-12		1.5E-11
Chlorobenzene							
Chlorodibromomethane	5.5E-19						5.5E-19
Chloroethane							
Chloroform	3.1E-20			4.3E-10	1.4E-10		5.7E-10
Chloromethane							
cis-1,2-Dichloroethene							
cis-1,3-Dichloropropene							
Dibromomethane							
Dichlorodifluoromethane							
Ethylbenzene	5.9E-18			9.0E-09	3.0E-09		1.2E-08
Isopropylbenzene							
m&p-Xylene							
Methyl Isobutyl Ketone (4-methyl-2							
Methylene chloride	1.9E-20			3.2E-12	1.1E-12		4.3E-12
n-Butylbenzene							
n-Propylbenzene							
o-Xylene							
p-Chlorotoluene							
p-Isopropyltoluene							
sec-Butylbenzene							
Styrene							

Table H-655 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
tert-Butylbenzene							
Tetrachloroethene	5.0E-22			5.3E-13	1.8E-13		7.1E-13
Toluene							
trans-1,2-Dichloroethene							
trans-1,3-Dichloropropene							
Trichloroethene	1.1E-22			2.6E-13	8.6E-14		3.4E-13
Trichlorofluoromethane							
Vinyl chloride	1.2E-19			2.6E-10	8.6E-11		3.4E-10
Grand Total	1.1E-11	7.5E-10	5.4E-09	1.8E-06	6.1E-07	9.6E-12	2.5E-06

Table H-656 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas							
Hydrogen Chloride				2.0E-03	6.8E-04		2.7E-03
Aldehydes							
Acetaldehyde				7.9E-03	2.6E-03		1.0E-02
Formaldehyde	2.3E-12			2.8E-03	9.4E-04		3.8E-03
Propionaldehyde				9.8E-04	3.3E-04	2.0E-10	1.3E-03
CO							
Carbon monoxide							
CO2							
Carbon dioxide							
Criteria							
Sulfur Dioxide							
DIOXINS							
1,2,3,4,6,7,8-HpCDD							
1,2,3,4,6,7,8-HpCDF							
1,2,3,4,7,8,9-HpCDF							
1,2,3,4,7,8-HxCDD							
1,2,3,4,7,8-HxCDF							
1,2,3,6,7,8-HxCDD							
1,2,3,6,7,8-HxCDF							
1,2,3,7,8,9-HxCDD							
1,2,3,7,8,9-HxCDF							
1,2,3,7,8-PeCDD							

Table H-656 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
1,2,3,7,8-PeCDF							
2,3,4,6,7,8-HxCDF							
2,3,4,7,8-PeCDF							
2,3,7,8-TCDD	3.8E-09	1.1E-06	9.0E-06	5.9E-05	2.0E-05	1.6E-08	8.9E-05
2,3,7,8-TCDF							
OCDD							
OCDF							
HCN							
Hydrogen cyanide				1.1E-02	3.5E-03		1.4E-02
Metals							
Antimony	3.9E-14						3.9E-14
Arsenic	2.7E-12	1.6E-13	7.6E-13	1.9E-03	6.4E-04	3.7E-15	2.5E-03
Barium	1.4E-11		7.5E-07	9.2E-03	3.1E-03	4.4E-08	1.2E-02
Beryllium	1.7E-14		2.0E-11	9.9E-05	3.3E-05	2.9E-13	1.3E-04
Cadmium	8.3E-12		3.1E-11	3.6E-03	1.2E-03	4.6E-13	4.8E-03
Chromium	1.9E-15		2.5E-09				2.5E-09
Cobalt			4.7E-05	4.1E-02	1.4E-02	3.5E-07	5.4E-02
Copper			4.3E-07				4.3E-07
Lead							
Manganese							
Mercury (+2)			6.6E-09	3.8E-06	1.3E-06	9.7E-13	5.0E-06
Mercury, elemental				1.6E-08	5.2E-09		2.1E-08
Methyl Mercury	1.3E-10		1.5E-09				1.6E-09

Table H-656 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Nickel	1.7E-13		7.8E-12	1.8E-03	6.0E-04	2.5E-13	2.4E-03
Phosphorus			1.4E-08				1.4E-08
Selenium	5.5E-14		3.1E-13	4.2E-07	1.4E-07	1.1E-17	5.5E-07
Silver	4.2E-14		6.3E-09				6.3E-09
Titanium							
Zinc	1.4E-11		2.2E-11				3.5E-11
NOx							
NOx (Oxides of Nitrogen)							
PAHs							
1-Methylnaphthalene		6.9E-14	1.3E-13				2.0E-13
1-Methylphenanthrene							
2,3,5-Trimethylnaphthalene							
2,6-Dimethylnaphthalene							
2-Methylnaphthalene		1.2E-12	2.1E-12				3.3E-12
Acenaphthylene							
Acenaphthene	5.6E-14						5.6E-14
Anthracene	1.4E-13						1.4E-13
Benzo(a)anthracene							
Benzo(a)pyrene							
Benzo(b)fluoranthene							
Benzo(e)pyrene							
Benzo(g,h,i)perylene							
Benzo(k)fluoranthene							

Table H-656 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Biphenyl			2.8E-13	1.6E-02	5.3E-03	6.1E-10	2.1E-02
Chrysene							
Dibenze(a,h)anthracene							
Fluoranthene	7.0E-12	3.4E-11	6.3E-11				1.0E-10
Fluorene	1.5E-12						1.5E-12
Indeno(1,2,3-cd)pyrene							
Napthalene	1.4E-12			2.8E-03	9.4E-04		3.7E-03
Perylene							
Phenanthrene							
Pyrene	6.7E-12	1.9E-10	3.5E-10				5.5E-10
Particulate							
Particulate Total Suspended Particulate							
PM<10							
PM<2.5							
PCBs							
Dichlorobiphenyl	8.7E-11	2.8E-10	4.7E-10				8.4E-10
Heptachlorobiphenyl	1.2E-11	1.1E-10	1.9E-10	5.4E-08	1.8E-08	4.5E-13	7.2E-08
Hexachlorobiphenyl	4.7E-11	4.7E-10	8.0E-10	2.2E-04	7.2E-05	1.9E-09	2.9E-04
Monochlorobiphenyl	6.1E-10	2.0E-09	3.3E-09				5.9E-09
Nonachlorobiphenyl	1.4E-12	1.6E-11	2.7E-11				4.4E-11
Octachlorobiphenyl	3.4E-12	3.4E-11	5.8E-11				9.6E-11
Pentachlorobiphenyl	1.6E-10	1.6E-09	2.7E-09	2.4E-03	7.8E-04	2.1E-08	3.1E-03
Tetrachlorobiphenyl	2.6E-11	9.1E-11	1.5E-10	1.2E-05	4.0E-06	2.3E-11	1.6E-05

Table H-656 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Trichlorobiphenyl	3.4E-11	1.2E-10	2.0E-10				3.4E-10
SVOCs							
1,2,4-trichlorobenzene				5.9E-06	2.0E-06		7.9E-06
1,2-dichlorobenzene	3.1E-17			1.3E-08	4.4E-09		1.8E-08
1,3-dichlorobenzene							
1,4-dichlorobenzene	1.3E-15			1.2E-07	3.9E-08		1.5E-07
2,4-Dimethylphenol	1.3E-13						1.3E-13
2-Chlorophenol	2.6E-14						2.6E-14
2-Methylphenol	1.1E-12			5.3E-06	1.8E-06		7.1E-06
2-Nitrophenol							
3-Methylphenol & 4-Methylphenol							
4-Nitrophenol							
Acetophenone	3.9E-14						3.9E-14
Benzoic acid	4.0E-15						4.0E-15
Benzyl alcohol	9.8E-17						9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	6.0E-09	1.4E-08				2.0E-08
Butyl benzyl phthalate	8.8E-13	3.3E-13	7.9E-13				2.0E-12
Carbazole							
Dibenzofuran		2.9E-12	2.3E-11				2.5E-11
Dimethyl phthalate							
Di-n-butyl phthalate	1.7E-11	6.7E-13	1.6E-12				1.9E-11
Di-n-octyl phthalate	1.3E-15	8.7E-12	2.1E-11				2.9E-11
Hexachlorobutadiene	6.7E-12						6.7E-12

Table H-656 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Phenol	4.9E-13			8.5E-05	2.8E-05		1.1E-04
Pyridine	7.7E-12						7.7E-12
TRS							
Total Reduced Sulfur							
VOCs							
1,1,1,2-Tetrachloroethane	9.0E-17						9.0E-17
1,1,1-Trichloroethane	8.8E-20			1.4E-09	4.5E-10		1.8E-09
1,1-Dichloroethene	1.2E-19			3.2E-09	1.1E-09		4.2E-09
1,2,3-Trichlorobenzene	2.3E-13						2.3E-13
1,2,3-Trichloropropane	2.7E-16			8.8E-06	2.9E-06		1.2E-05
1,2,4-Trimethylbenzene				3.9E-05	1.3E-05		5.1E-05
1,2-Dibromoethane	4.1E-17			1.9E-07	6.2E-08		2.5E-07
1,2-Dichloroethane	1.9E-15			2.0E-05	6.8E-06		2.7E-05
1,3,5-Trimethylbenzene	6.0E-15						6.0E-15
1,3-Dichloropropane							
2-Butanone	4.1E-15			3.6E-07	1.2E-07		4.8E-07
2-Chlorotoluene							
2-Hexanone				1.1E-05	3.7E-06		1.5E-05
Benzene	4.9E-13			1.5E-03	5.2E-04		2.1E-03
Bromobenzene				1.5E-05	5.0E-06		2.0E-05
Bromochloromethane				5.4E-08	1.8E-08		7.1E-08
Bromodichloromethane	1.6E-17						1.6E-17
Bromomethane	9.6E-16			3.1E-05	1.0E-05		4.2E-05

Table H-656 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
Carbon disulfide	1.3E-17			1.9E-07	6.4E-08		2.5E-07
Carbon tetrachloride	3.4E-17			5.3E-08	1.8E-08		7.1E-08
Chlorobenzene	2.3E-15			4.7E-06	1.6E-06		6.2E-06
Chlorodibromomethane	9.1E-16						9.1E-16
Chloroethane				4.3E-08	1.4E-08		5.8E-08
Chloroform	2.8E-16			5.3E-07	1.8E-07		7.1E-07
Chloromethane				1.4E-05	4.7E-06		1.9E-05
cis-1,2-Dichloroethene	1.9E-15						1.9E-15
cis-1,3-Dichloropropene							
Dibromomethane				1.2E-06	4.1E-07		1.7E-06
Dichlorodifluoromethane	2.4E-20			6.0E-08	2.0E-08		8.1E-08
Ethylbenzene	1.5E-14			1.0E-05	3.4E-06		1.3E-05
Isopropylbenzene	2.0E-17			1.8E-06	6.1E-07		2.5E-06
m&p-Xylene							
Methyl Isobutyl Ketone (4-methyl-2				2.9E-09	9.6E-10		3.9E-09
Methylene chloride	4.3E-15			1.5E-06	5.0E-07		2.0E-06
n-Butylbenzene							
n-Propylbenzene				4.2E-07	1.4E-07		5.6E-07
o-Xylene	1.4E-15			1.0E-05	3.5E-06		1.4E-05
p-Chlorotoluene							
p-Isopropyltoluene							
sec-Butylbenzene							
Styrene	4.7E-14			2.5E-05	8.5E-06		3.4E-05

Table H-656 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
tert-Butylbenzene							
Tetrachloroethene	1.1E-16			1.4E-07	4.8E-08		1.9E-07
Toluene	2.0E-14			3.4E-06	1.1E-06		4.5E-06
trans-1,2-Dichloroethene	2.9E-15						2.9E-15
trans-1,3-Dichloropropene							
Trichloroethene	1.4E-17			8.8E-08	2.9E-08		1.2E-07
Trichlorofluoromethane	3.5E-20						3.5E-20
Vinyl chloride	1.6E-16			1.6E-06	5.5E-07		2.2E-06
Grand Total	5.0E-09	1.1E-06	5.8E-05	1.0E-01	3.5E-02	4.3E-07	1.4E-01

Table H-657 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			1.4E-10	1.7E-11		1.5E-10
Formaldehyde			3.2E-06	4.3E-11		3.2E-06
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	6.9E-14	2.7E-13	1.4E-11	1.7E-12	3.9E-18	1.6E-11
1,2,3,4,6,7,8-HpCDF	7.0E-14	2.8E-13	1.4E-11	1.7E-12	4.0E-18	1.6E-11
1,2,3,4,7,8,9-HpCDF	8.0E-15	3.2E-14	1.8E-12	2.2E-13	4.5E-19	2.0E-12
1,2,3,4,7,8-HxCDD	7.9E-14	3.1E-13	1.7E-11	2.1E-12	4.4E-18	1.9E-11
1,2,3,4,7,8-HxCDF	6.2E-13	2.5E-12	1.3E-10	1.7E-11	3.5E-17	1.5E-10
1,2,3,6,7,8-HxCDD	1.6E-13	6.3E-13	3.5E-11	4.4E-12	9.1E-18	4.0E-11
1,2,3,6,7,8-HxCDF	2.0E-13	8.1E-13	4.4E-11	5.5E-12	1.2E-17	5.0E-11
1,2,3,7,8,9-HxCDD	2.5E-13	1.0E-12	5.3E-11	6.6E-12	1.4E-17	6.1E-11
1,2,3,7,8,9-HxCDF	1.5E-14	5.8E-14	3.4E-12	4.2E-13	8.2E-19	3.8E-12
1,2,3,7,8-PeCDD	8.9E-13	3.5E-12	2.1E-10	2.6E-11	5.0E-17	2.4E-10

Table H-657 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	5.2E-14	2.1E-13	1.5E-11	1.9E-12	2.9E-18	1.7E-11
2,3,4,6,7,8-HxCDF	3.2E-13	1.3E-12	6.8E-11	8.5E-12	1.8E-17	7.8E-11
2,3,4,7,8-PeCDF	1.2E-12	4.9E-12	3.4E-10	4.2E-11	7.1E-17	3.8E-10
2,3,7,8-TCDD	1.8E-13	7.1E-13	8.4E-11	1.1E-11	7.1E-15	9.6E-11
2,3,7,8-TCDF	3.3E-14	1.3E-13	3.1E-11	3.9E-12	1.9E-18	3.5E-11
OCDD	4.7E-16	1.8E-15	9.2E-14	1.1E-14	2.6E-20	1.1E-13
OCDF	1.8E-16	7.1E-16	3.4E-14	4.3E-15	1.0E-20	4.0E-14
DNT						
2,4-Dinitrotoluene	5.3E-09	6.3E-09			8.9E-14	1.2E-08
2,6-Dinitrotoluene	4.1E-08	4.9E-08				9.0E-08
HCN						
Hydrogen cyanide						
Metals						
Aluminum						
Antimony						
Arsenic	3.8E-08	9.1E-08	1.1E-10	1.4E-11	2.1E-11	1.3E-07
Barium						
Beryllium			4.4E-12	5.5E-13	5.3E-21	5.0E-12
Cadmium			5.8E-11	7.3E-12	3.1E-21	6.6E-11
Chromium						
Cobalt			3.8E-09	4.7E-10	3.7E-10	4.6E-09
Copper						
Iron						

Table H-657 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Lead						
Manganese						
Mercury (+2)						
Mercury, elemental						
Methyl Mercury						
Nickel			3.9E-11	4.8E-12	2.2E-10	2.6E-10
Phosphorus						
Selenium						
Silver						
Thallium (Soluble Salts)						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.0E-19	2.7E-19				5.7E-19
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						

Table H-657 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(a)anthracene	4.9E-09	4.4E-09	1.4E-11	1.8E-12	1.0E-11	9.3E-09
Benzo(a)pyrene	8.3E-08	7.5E-08	5.5E-11	6.9E-12	5.5E-13	1.6E-07
Benzo(b)fluoranthene	1.8E-08	1.6E-08	6.2E-12	7.7E-13	1.2E-13	3.4E-08
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	1.1E-10	1.0E-10	5.5E-14	6.9E-15	7.6E-15	2.2E-10
Biphenyl		1.1E-18				1.1E-18
Chrysene	7.1E-11	6.4E-11	2.4E-12	3.0E-13	4.7E-15	1.4E-10
Dibenze(a,h)anthracene	3.1E-09	2.8E-09	9.5E-12	1.2E-12	2.3E-14	5.9E-09
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	4.4E-09	4.0E-09	2.9E-12	3.6E-13	3.0E-14	8.4E-09
Napthalene			2.2E-10	2.7E-11		2.4E-10
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	1.7E-18	1.5E-18	8.0E-14	9.9E-15	3.9E-20	8.9E-14
Heptachlorobiphenyl	5.7E-18	4.8E-18	3.1E-14	3.9E-15	7.0E-20	3.5E-14

Table H-657 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Hexachlorobiphenyl	2.6E-17	2.2E-17	1.3E-13	1.6E-14	3.2E-19	1.5E-13
Monochlorobiphenyl	1.2E-17	1.0E-17	5.5E-13	6.9E-14	2.7E-19	6.2E-13
Nonachlorobiphenyl	1.0E-18	8.5E-19	4.4E-15	5.5E-16	1.2E-20	4.9E-15
Octachlorobiphenyl	1.9E-18	1.6E-18	9.5E-15	1.2E-15	2.3E-20	1.1E-14
Pentachlorobiphenyl	9.3E-17	7.9E-17	4.5E-13	5.6E-14	1.1E-18	5.0E-13
Tetrachlorobiphenyl	6.6E-19	5.6E-19	2.6E-14	3.2E-15	1.5E-20	2.9E-14
Trichlorobiphenyl	7.9E-19	6.7E-19	3.3E-14	4.1E-15	1.8E-20	3.7E-14
Pesticides						
DDE		7.5E-10			6.8E-12	7.6E-10
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-Butadiene			4.1E-08			4.1E-08
1,3-dichlorobenzene						
1,4-dichlorobenzene			7.2E-13	8.9E-14		8.1E-13
1,4-Dioxane			1.6E-08			1.6E-08
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						

Table H-657 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	4.0E-15	4.8E-15	2.0E-11	2.4E-12	4.0E-20	2.2E-11
Butyl benzyl phthalate	2.7E-19	3.1E-19				5.8E-19
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			4.2E-11	5.2E-12		4.7E-11
Isopropanol						
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			4.3E-14	5.4E-15		4.8E-14
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			1.8E-12	2.2E-13		2.0E-12

Table H-657 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
1,2-Dichloroethane			3.8E-08	1.1E-09		3.9E-08
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						
2-Chlorotoluene						
2-Hexanone						
Benzene			2.8E-08	3.2E-09		3.1E-08
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			1.5E-13	1.9E-14		1.7E-13
Bromomethane						
Carbon disulfide						
Carbon tetrachloride			3.8E-08	4.0E-09		4.2E-08
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			2.5E-08	2.4E-09		2.7E-08
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			1.0E-08	2.6E-12		1.0E-08

Table H-657 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			7.7E-15	9.7E-16		8.7E-15
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethene			1.3E-15	1.7E-16		1.5E-15
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			8.0E-10	1.6E-16		8.0E-10
Trichlorofluoromethane						
Vinyl chloride			9.3E-13	1.2E-13		1.1E-12
Grand Total	2.0E-07	2.5E-07	3.4E-06	1.1E-08	6.3E-10	3.8E-06

Table H-658 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			4.2E-05	5.2E-06		4.7E-05
Aldehydes						
Acetaldehyde			1.6E-04	2.0E-05		1.8E-04
Formaldehyde			5.8E-01	7.9E-06		5.8E-01
Propionaldehyde			2.0E-05	2.5E-06	2.1E-12	2.2E-05
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-658 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	7.9E-08	3.1E-07	1.3E-06	1.6E-07	1.8E-10	1.8E-06
2,3,7,8-TCDF						
OCDD						
OCDF						
DNT						
2,4-Dinitrotoluene	2.0E-04	2.4E-04				4.4E-04
2,6-Dinitrotoluene	2.1E-03	2.5E-03				4.7E-03
HCN						
Hydrogen cyanide			2.0E-04	2.5E-05		2.2E-04
Metals						
Aluminum		7.9E-03			7.7E-05	7.9E-03
Antimony		7.6E-04				7.6E-04
Arsenic	2.0E-03	4.7E-03	4.0E-05	4.9E-06	7.7E-06	6.8E-03
Barium		2.2E-08	2.5E-04	3.1E-05	4.3E-10	2.8E-04
Beryllium		5.2E-13	2.1E-06	2.7E-07	2.6E-15	2.4E-06
Cadmium		8.2E-13	7.6E-05	9.5E-06	4.0E-15	8.5E-05
Chromium		6.4E-11				6.4E-11
Cobalt		6.5E-02	1.6E-03	2.0E-04	1.6E-04	6.7E-02
Copper		1.1E-08				1.1E-08
Iron		2.4E-02				2.4E-02

Table H-658 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Lead						
Manganese						
Mercury (+2)		2.1E-10	7.8E-08	9.8E-09	1.0E-14	8.8E-08
Mercury, elemental			3.3E-10	4.1E-11	9.6E-05	9.6E-05
Methyl Mercury		3.8E-11				3.8E-11
Nickel		2.0E-02	3.9E-05	4.8E-06	2.2E-04	2.0E-02
Phosphorus		3.7E-10				3.7E-10
Selenium		8.1E-15	8.7E-09	1.1E-09	9.9E-20	9.8E-09
Silver		1.7E-10				1.7E-10
Thallium (Soluble Salts)		1.1E-02				1.1E-02
Titanium						
Zinc		6.1E-13				6.1E-13
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.4E-15	3.1E-15				6.5E-15
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	5.8E-14	5.2E-14				1.1E-13
Acenaphthylene						
Acenaphthene						
Anthracene						

Table H-658 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						
Biphenyl		6.7E-15	2.8E-04	3.5E-05	4.9E-12	3.1E-04
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	1.7E-12	1.5E-12				3.2E-12
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene			5.0E-05	6.2E-06		5.6E-05
Perylene						
Phenanthrene						
Pyrene	9.3E-12	8.5E-12				1.8E-11
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	1.4E-11	1.2E-11				2.6E-11
Heptachlorobiphenyl	5.8E-12	4.9E-12	9.8E-10	1.2E-10	3.8E-15	1.1E-09

Table H-658 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Hexachlorobiphenyl	2.6E-11	2.2E-11	4.1E-06	5.1E-07	1.7E-11	4.6E-06
Monochlorobiphenyl	9.8E-11	8.3E-11				1.8E-10
Nonachlorobiphenyl	1.0E-12	8.6E-13				1.9E-12
Octachlorobiphenyl	1.9E-12	1.6E-12				3.5E-12
Pentachlorobiphenyl	9.4E-11	8.0E-11	4.6E-05	5.7E-06	2.0E-10	5.1E-05
Tetrachlorobiphenyl	5.4E-12	4.5E-12	2.3E-07	2.9E-08	2.3E-13	2.6E-07
Trichlorobiphenyl	6.5E-12	5.5E-12				1.2E-11
Pesticides						
DDE						
SVOCs						
1,2,4-trichlorobenzene			1.3E-07	1.7E-08		1.5E-07
1,2-dichlorobenzene			5.4E-10	6.8E-11		6.1E-10
1,3-Butadiene			1.6E-02			1.6E-02
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.9E-09	2.4E-10		2.1E-09
1,4-Dioxane			2.4E-03			2.4E-03
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			9.3E-08	1.2E-08		1.0E-07
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						

Table H-658 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-10	4.0E-10				7.4E-10
Butyl benzyl phthalate	1.6E-14	1.9E-14				3.6E-14
Carbazole						
Dibenzofuran	1.4E-13	5.7E-13				7.1E-13
Dimethyl phthalate						
Di-n-butyl phthalate	3.3E-14	3.9E-14				7.1E-14
Di-n-octyl phthalate	9.4E-13	1.1E-12				2.1E-12
Hexachlorobutadiene						
Isopropanol			4.1E-03			4.1E-03
Phenol			1.5E-06	1.9E-07		1.7E-06
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			2.7E-11	3.3E-12		3.0E-11
1,1-Dichloroethene			1.3E-10	1.6E-11		1.5E-10
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.6E-07	4.5E-08		4.1E-07
1,2,4-Trimethylbenzene			8.9E-07	1.1E-07		1.0E-06
1,2-Dibromoethane			7.7E-09	9.6E-10		8.6E-09

Table H-658 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
1,2-Dichloroethane			4.9E-03	1.4E-04		5.0E-03
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone			6.6E-09	8.3E-10		7.4E-09
2-Chlorotoluene						
2-Hexanone			2.3E-07	2.8E-08		2.5E-07
Benzene			2.8E-03	3.2E-04		3.1E-03
Bromobenzene			6.2E-07	7.8E-08		7.0E-07
Bromochloromethane			2.2E-09	2.8E-10		2.5E-09
Bromodichloromethane						
Bromomethane			7.6E-07	9.5E-08		8.6E-07
Carbon disulfide			4.8E-09	6.0E-10		5.4E-09
Carbon tetrachloride			1.5E-03	1.5E-04		1.6E-03
Chlorobenzene			9.6E-08	1.2E-08		1.1E-07
Chlorodibromomethane						
Chloroethane			9.1E-10	1.1E-10		1.0E-09
Chloroform			2.6E-04	2.4E-05		2.8E-04
Chloromethane			3.4E-07	4.3E-08		3.9E-07
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			5.1E-08	6.4E-09		5.7E-08
Dichlorodifluoromethane			2.5E-09	3.1E-10		2.8E-09
Ethylbenzene			9.6E-05	2.4E-08		9.6E-05

Table H-658 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Isopropylbenzene			3.9E-08	4.9E-09		4.4E-08
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.2E-10	1.5E-11		1.3E-10
Methylene chloride			3.0E-08	3.8E-09		3.4E-08
n-Butylbenzene						
n-Propylbenzene			9.4E-09	1.2E-09		1.1E-08
o-Xylene			2.3E-07	2.9E-08		2.6E-07
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			5.1E-07	6.4E-08		5.7E-07
tert-Butylbenzene						
Tetrachloroethene			3.0E-09	3.8E-10		3.4E-09
Toluene			6.3E-08	7.9E-09		7.1E-08
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			2.3E-03	4.5E-10		2.3E-03
Trichlorofluoromethane						
Vinyl chloride			5.0E-08	6.2E-09		5.6E-08
Grand Total	4.3E-03	1.4E-01	6.2E-01	1.0E-03	5.6E-04	7.6E-01

Table H-659 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.4E-10	3.2E-10	1.7E-11	1.7E-11			4.9E-10
Formaldehyde						3.2E-06	7.9E-10	4.3E-11	4.3E-11			3.2E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	6.9E-17	6.9E-14	9.7E-14	2.7E-13	7.6E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	3.9E-18	2.4E-17	5.0E-11
1,2,3,4,6,7,8-HpCDF	6.7E-17	7.0E-14	9.8E-14	2.8E-13	7.7E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	4.0E-18	2.4E-17	5.1E-11
1,2,3,4,7,8,9-HpCDF	1.0E-17	8.0E-15	1.1E-14	3.2E-14	8.9E-14	1.8E-12	4.1E-12	2.2E-13	2.2E-13	4.5E-19	2.8E-18	6.4E-12
1,2,3,4,7,8-HxCDD	7.8E-16	7.9E-14	1.1E-13	3.1E-13	8.7E-13	1.7E-11	3.8E-11	2.1E-12	2.1E-12	4.4E-18	2.7E-17	6.0E-11
1,2,3,4,7,8-HxCDF	5.3E-15	6.2E-13	8.7E-13	2.5E-12	6.9E-12	1.3E-10	3.1E-10	1.7E-11	1.7E-11	3.5E-17	2.2E-16	4.9E-10
1,2,3,6,7,8-HxCDD	1.5E-15	1.6E-13	2.2E-13	6.3E-13	1.8E-12	3.5E-11	8.0E-11	4.4E-12	4.4E-12	9.1E-18	5.6E-17	1.3E-10
1,2,3,6,7,8-HxCDF	2.0E-15	2.0E-13	2.9E-13	8.1E-13	2.3E-12	4.4E-11	1.0E-10	5.5E-12	5.5E-12	1.2E-17	7.1E-17	1.6E-10
1,2,3,7,8,9-HxCDD	2.2E-15	2.5E-13	3.5E-13	1.0E-12	2.8E-12	5.3E-11	1.2E-10	6.6E-12	6.6E-12	1.4E-17	8.8E-17	1.9E-10
1,2,3,7,8,9-HxCDF	1.6E-16	1.5E-14	2.0E-14	5.8E-14	1.6E-13	3.4E-12	7.7E-12	4.2E-13	4.2E-13	8.2E-19	5.1E-18	1.2E-11
1,2,3,7,8-PeCDD	4.1E-14	8.9E-13	1.2E-12	3.5E-12	9.8E-12	2.1E-10	4.9E-10	2.6E-11	2.6E-11	5.0E-17	3.1E-16	7.7E-10
1,2,3,7,8-PeCDF	2.9E-15	5.2E-14	7.3E-14	2.1E-13	5.8E-13	1.5E-11	3.5E-11	1.9E-12	1.9E-12	2.9E-18	1.8E-17	5.4E-11
2,3,4,6,7,8-HxCDF	2.8E-15	3.2E-13	4.5E-13	1.3E-12	3.5E-12	6.8E-11	1.6E-10	8.5E-12	8.5E-12	1.8E-17	1.1E-16	2.5E-10
2,3,4,7,8-PeCDF	4.5E-14	1.2E-12	1.7E-12	4.9E-12	1.4E-11	3.4E-10	7.8E-10	4.2E-11	4.2E-11	7.1E-17	4.3E-16	1.2E-09
2,3,7,8-TCDD	1.4E-14	1.8E-13	2.5E-13	7.1E-13	2.0E-12	8.4E-11	1.9E-10	1.1E-11	1.1E-11	7.1E-15	4.3E-14	3.0E-10
2,3,7,8-TCDF	4.5E-15	3.3E-14	4.6E-14	1.3E-13	3.6E-13	3.1E-11	7.2E-11	3.9E-12	3.9E-12	1.9E-18	1.1E-17	1.1E-10
OCDD	9.2E-21	4.7E-16	6.6E-16	1.8E-15	5.2E-15	9.2E-14	2.1E-13	1.1E-14	1.1E-14	2.6E-20	1.6E-19	3.3E-13
OCDF	3.4E-21	1.8E-16	2.5E-16	7.1E-16	2.0E-15	3.4E-14	7.9E-14	4.3E-15	4.3E-15	1.0E-20	6.3E-20	1.3E-13
DNT												
2,4-Dinitrotoluene		5.3E-09		6.3E-09						8.9E-14		1.2E-08
2,6-Dinitrotoluene		4.1E-08		4.9E-08								9.0E-08
HCN												
Hydrogen cyanide												

Table H-659 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum												
Antimony												
Arsenic	5.2E-17	3.8E-08	1.5E-08	9.1E-08	7.0E-08	1.1E-10	2.5E-10	1.4E-11	1.4E-11	2.1E-11	3.6E-11	2.1E-07
Barium												
Beryllium						4.4E-12	1.0E-11	5.5E-13	5.5E-13	5.3E-21	3.2E-20	1.6E-11
Cadmium						5.8E-11	1.3E-10	7.3E-12	7.3E-12	3.1E-21	1.9E-20	2.1E-10
Chromium												
Cobalt						3.8E-09	8.8E-09	4.7E-10	4.7E-10	3.7E-10	1.5E-09	1.5E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.9E-11	8.9E-11	4.8E-12	4.8E-12	2.2E-10	8.5E-10	1.2E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.0E-19	4.1E-19	2.7E-19	7.5E-19							1.7E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.9E-13	4.9E-09	1.6E-08	4.4E-09	2.9E-08	1.4E-11	3.3E-11	1.8E-12	1.8E-12	1.0E-11	6.2E-11	5.4E-08

Table H-659 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene	9.6E-13	8.3E-08	1.8E-07	7.5E-08	3.2E-07	5.5E-11	1.3E-10	6.9E-12	6.9E-12	5.5E-13	5.2E-12	6.5E-07
Benzo(b)fluoranthene	2.6E-14	1.8E-08	2.5E-08	1.6E-08	4.5E-08	6.2E-12	1.4E-11	7.7E-13	7.7E-13	1.2E-13	7.3E-13	1.0E-07
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	2.1E-17	1.1E-10	1.2E-09	1.0E-10	2.3E-09	5.5E-14	1.3E-13	6.9E-15	6.9E-15	7.6E-15	3.7E-13	3.7E-09
Biphenyl				1.1E-18	3.2E-18							4.3E-18
Chrysene	3.3E-16	7.1E-11	1.8E-10	6.4E-11	3.3E-10	2.4E-12	5.6E-12	3.0E-13	3.0E-13	4.7E-15	5.3E-14	6.5E-10
Dibenzo(a,h)anthracene	4.9E-14	3.1E-09	4.4E-08	2.8E-09	7.9E-08	9.5E-12	2.2E-11	1.2E-12	1.2E-12	2.3E-14	1.4E-12	1.3E-07
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.2E-14	4.4E-09	1.1E-08	4.0E-09	2.1E-08	2.9E-12	6.7E-12	3.6E-13	3.6E-13	3.0E-14	3.4E-13	4.1E-08
Napthalene						2.2E-10	5.0E-10	2.7E-11	2.7E-11			7.7E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.8E-17	1.7E-18	2.4E-18	1.5E-18	4.1E-18	8.0E-14	1.8E-13	9.9E-15	9.9E-15	3.9E-20	2.4E-19	2.8E-13
Heptachlorobiphenyl	2.0E-17	5.7E-18	8.0E-18	4.8E-18	1.4E-17	3.1E-14	7.2E-14	3.9E-15	3.9E-15	7.0E-20	4.3E-19	1.1E-13
Hexachlorobiphenyl	8.0E-17	2.6E-17	3.6E-17	2.2E-17	6.1E-17	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.2E-19	1.9E-18	4.6E-13
Monochlorobiphenyl	1.3E-16	1.2E-17	1.7E-17	1.0E-17	2.8E-17	5.5E-13	1.3E-12	6.9E-14	6.9E-14	2.7E-19	1.7E-18	2.0E-12
Nonachlorobiphenyl	2.5E-18	1.0E-18	1.4E-18	8.5E-19	2.4E-18	4.4E-15	1.0E-14	5.5E-16	5.5E-16	1.2E-20	7.6E-20	1.6E-14
Octachlorobiphenyl	5.8E-18	1.9E-18	2.6E-18	1.6E-18	4.4E-18	9.5E-15	2.2E-14	1.2E-15	1.2E-15	2.3E-20	1.4E-19	3.4E-14
Pentachlorobiphenyl	2.6E-16	9.3E-17	1.3E-16	7.9E-17	2.2E-16	4.5E-13	1.0E-12	5.6E-14	5.6E-14	1.1E-18	7.0E-18	1.6E-12
Tetrachlorobiphenyl	5.4E-18	6.6E-19	9.2E-19	5.6E-19	1.6E-18	2.6E-14	6.0E-14	3.2E-15	3.2E-15	1.5E-20	9.2E-20	9.2E-14
Trichlorobiphenyl	7.1E-18	7.9E-19	1.1E-18	6.7E-19	1.9E-18	3.3E-14	7.6E-14	4.1E-15	4.1E-15	1.8E-20	1.1E-19	1.2E-13
Pesticides												
DDE				7.5E-10	3.2E-09					6.8E-12	4.2E-11	4.0E-09
Dieldrin			6.8E-09		1.6E-08						5.0E-13	2.3E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												

Table H-659 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
1,3-Butadiene						4.1E-08						4.1E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	2.1E-20					7.2E-13	1.7E-12	8.9E-14	8.9E-14			2.5E-12
1,4-Dioxane						1.6E-08						1.6E-08
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.9E-16	4.0E-15	5.6E-15	4.8E-15	1.3E-14	2.0E-11	4.5E-11	2.4E-12	2.4E-12	4.0E-20	2.5E-19	7.0E-11
Butyl benzyl phthalate	1.4E-17	2.7E-19	3.7E-19	3.1E-19	8.8E-19							1.6E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	2.3E-17					4.2E-11	9.7E-11	5.2E-12	5.2E-12			1.5E-10
Isopropanol												
p-Chloroaniline			2.8E-09		6.6E-09							9.4E-09
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	3.0E-21					4.3E-14	9.9E-14	5.4E-15	5.4E-15			1.5E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.4E-18											1.4E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	3.2E-20					1.8E-12	4.1E-12	2.2E-13	2.2E-13			6.3E-12

Table H-659 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
1,2-Dichloroethane	4.5E-20					3.8E-08	4.9E-08	1.1E-09	1.1E-09			8.9E-08
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												
Benzene	4.7E-18					2.8E-08	9.0E-08	3.2E-09	3.2E-09			1.2E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	8.3E-22					1.5E-13	5.4E-07	1.9E-14	1.9E-14			5.4E-07
Bromoform							7.2E-08					7.2E-08
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	4.0E-22					3.8E-08	1.0E-07	4.0E-09	4.0E-09			1.5E-07
Chlorobenzene												
Chlorodibromomethane	6.6E-20											6.6E-20
Chloroethane												
Chloroform	3.7E-21					2.5E-08	7.8E-07	2.4E-09	2.4E-09			8.1E-07
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	7.0E-19					1.0E-08	2.4E-08	2.6E-12	2.6E-12			3.4E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	2.2E-21					7.7E-15	1.8E-14	9.7E-16	9.7E-16			2.8E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												

Table H-659 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
tert-Butylbenzene												
Tetrachloroethene	5.9E-23					1.3E-15	3.1E-15	1.7E-16	1.7E-16			4.8E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.3E-23					8.0E-10	7.9E-08	1.6E-16	1.6E-16			8.0E-08
Trichlorofluoromethane												
Vinyl chloride	1.5E-20					9.3E-13	2.2E-12	1.2E-13	1.2E-13			3.3E-12
Grand Total	1.4E-12	2.0E-07	3.0E-07	2.5E-07	5.9E-07	3.4E-06	1.7E-06	1.1E-08	1.1E-08	6.3E-10	2.5E-09	6.5E-06

Table H-660 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					5.8E-01	1.5E-04	7.9E-06	7.9E-06			5.8E-01
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
DNT												
2,4-Dinitrotoluene		2.0E-04		2.4E-04								4.4E-04
2,6-Dinitrotoluene		2.1E-03		2.5E-03								4.7E-03
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04

Table H-660 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum				7.9E-03	2.0E-02					7.7E-05	4.2E-04	2.8E-02
Antimony	3.9E-14			7.6E-04	3.6E-03							4.3E-03
Arsenic	2.7E-12	2.0E-03	7.7E-04	4.7E-03	3.6E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	7.7E-06	1.3E-05	1.1E-02
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				6.5E-02	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	1.6E-04	6.6E-04	1.9E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				2.4E-02	5.4E-02							7.8E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	9.6E-05	5.9E-04	6.9E-04
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.0E-02	3.5E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	2.2E-04	8.5E-04	5.7E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Thallium (Soluble Salts)				1.1E-02	1.7E-02							2.7E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												

Table H-660 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	1.1E-04	6.2E-06	6.2E-06			1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
DDE												
Dieldrin			2.0E-04		4.7E-04							6.7E-04
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09

Table H-660 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-Butadiene						1.6E-02						1.6E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
1,4-Dioxane						2.4E-03						2.4E-03
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						4.1E-03	1.1E-02					1.5E-02
p-Chloroaniline			8.2E-05		1.9E-04							2.8E-04
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08

Table H-660 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,2-Dichloroethane	1.9E-15					4.9E-03	6.3E-03	1.4E-04	1.4E-04			1.1E-02
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.8E-03	9.0E-03	3.2E-04	3.2E-04			1.2E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromoform												
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.5E-03	3.9E-03	1.5E-04	1.5E-04			5.7E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					2.6E-04	8.1E-03	2.4E-05	2.4E-05			8.4E-03
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					9.6E-05	2.2E-04	2.4E-08	2.4E-08			3.2E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06

Table H-660 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.3E-03	2.2E-01	4.5E-10	4.5E-10			2.3E-01
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	5.0E-09	4.3E-03	1.0E-03	1.4E-01	2.6E-01	6.2E-01	2.7E-01	1.0E-03	1.0E-03	5.6E-04	2.5E-03	1.3E+00

Table H-661 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.4E-10	3.2E-10	1.7E-11	1.7E-11			4.9E-10
Formaldehyde						3.2E-06	2.2E-05	4.3E-11	4.3E-11			2.5E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	6.9E-17	6.9E-14	9.7E-14	2.7E-13	7.6E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	3.9E-18	2.4E-17	5.0E-11
1,2,3,4,6,7,8-HpCDF	6.7E-17	7.0E-14	9.8E-14	2.8E-13	7.7E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	4.0E-18	2.4E-17	5.1E-11
1,2,3,4,7,8,9-HpCDF	1.0E-17	8.0E-15	1.1E-14	3.2E-14	8.9E-14	1.8E-12	4.1E-12	2.2E-13	2.2E-13	4.5E-19	2.8E-18	6.4E-12
1,2,3,4,7,8-HxCDD	7.8E-16	7.9E-14	1.1E-13	3.1E-13	8.7E-13	1.7E-11	3.8E-11	2.1E-12	2.1E-12	4.4E-18	2.7E-17	6.0E-11
1,2,3,4,7,8-HxCDF	5.3E-15	6.2E-13	8.7E-13	2.5E-12	6.9E-12	1.3E-10	3.1E-10	1.7E-11	1.7E-11	3.5E-17	2.2E-16	4.9E-10
1,2,3,6,7,8-HxCDD	1.5E-15	1.6E-13	2.2E-13	6.3E-13	1.8E-12	3.5E-11	8.0E-11	4.4E-12	4.4E-12	9.1E-18	5.6E-17	1.3E-10
1,2,3,6,7,8-HxCDF	2.0E-15	2.0E-13	2.9E-13	8.1E-13	2.3E-12	4.4E-11	1.0E-10	5.5E-12	5.5E-12	1.2E-17	7.1E-17	1.6E-10
1,2,3,7,8,9-HxCDD	2.2E-15	2.5E-13	3.5E-13	1.0E-12	2.8E-12	5.3E-11	1.2E-10	6.6E-12	6.6E-12	1.4E-17	8.8E-17	1.9E-10
1,2,3,7,8,9-HxCDF	1.6E-16	1.5E-14	2.0E-14	5.8E-14	1.6E-13	3.4E-12	7.7E-12	4.2E-13	4.2E-13	8.2E-19	5.1E-18	1.2E-11
1,2,3,7,8-PeCDD	4.1E-14	8.9E-13	1.2E-12	3.5E-12	9.8E-12	2.1E-10	4.9E-10	2.6E-11	2.6E-11	5.0E-17	3.1E-16	7.7E-10
1,2,3,7,8-PeCDF	2.9E-15	5.2E-14	7.3E-14	2.1E-13	5.8E-13	1.5E-11	3.5E-11	1.9E-12	1.9E-12	2.9E-18	1.8E-17	5.4E-11
2,3,4,6,7,8-HxCDF	2.8E-15	3.2E-13	4.5E-13	1.3E-12	3.5E-12	6.8E-11	1.6E-10	8.5E-12	8.5E-12	1.8E-17	1.1E-16	2.5E-10
2,3,4,7,8-PeCDF	4.5E-14	1.2E-12	1.7E-12	4.9E-12	1.4E-11	3.4E-10	7.8E-10	4.2E-11	4.2E-11	7.1E-17	4.3E-16	1.2E-09
2,3,7,8-TCDD	1.4E-14	1.8E-13	2.5E-13	7.1E-13	2.0E-12	8.4E-11	1.9E-10	1.1E-11	1.1E-11	7.1E-15	4.3E-14	3.0E-10
2,3,7,8-TCDF	4.5E-15	3.3E-14	4.6E-14	1.3E-13	3.6E-13	3.1E-11	7.2E-11	3.9E-12	3.9E-12	1.9E-18	1.1E-17	1.1E-10
OCDD	9.2E-21	4.7E-16	6.6E-16	1.8E-15	5.2E-15	9.2E-14	2.1E-13	1.1E-14	1.1E-14	2.6E-20	1.6E-19	3.3E-13
OCDF	3.4E-21	1.8E-16	2.5E-16	7.1E-16	2.0E-15	3.4E-14	7.9E-14	4.3E-15	4.3E-15	1.0E-20	6.3E-20	1.3E-13
DNT												
2,4-Dinitrotoluene		5.3E-09		6.3E-09						8.9E-14		1.2E-08
2,6-Dinitrotoluene		4.1E-08		4.9E-08								9.0E-08
HCN												
Hydrogen cyanide												

Table H-661 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum												
Antimony												
Arsenic	5.2E-17	3.8E-08	2.9E-08	9.1E-08	1.4E-07	1.1E-10	2.5E-10	1.4E-11	1.4E-11	2.1E-11	7.1E-11	3.0E-07
Barium												
Beryllium						4.4E-12	1.0E-11	5.5E-13	5.5E-13	5.3E-21	3.2E-20	1.6E-11
Cadmium						5.8E-11	1.3E-10	7.3E-12	7.3E-12	3.1E-21	1.9E-20	2.1E-10
Chromium												
Cobalt						3.8E-09	8.8E-09	4.7E-10	4.7E-10	3.7E-10	1.5E-09	1.5E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.9E-11	8.9E-11	4.8E-12	4.8E-12	2.2E-10	9.5E-10	1.3E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.0E-19	4.1E-19	2.7E-19	7.5E-19							1.7E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.9E-13	4.9E-09	7.9E-14	4.4E-09	1.4E-13	1.4E-11	3.3E-11	1.8E-12	1.8E-12	1.0E-11	6.2E-11	9.4E-09

Table H-661 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene	9.6E-13	8.3E-08	3.6E-13	7.5E-08	6.6E-13	5.5E-11	1.3E-10	6.9E-12	6.9E-12	5.5E-13	1.1E-17	1.6E-07
Benzo(b)fluoranthene	2.6E-14	1.8E-08	2.1E-15	1.6E-08	3.8E-15	6.2E-12	1.4E-11	7.7E-13	7.7E-13	1.2E-13	6.2E-20	3.4E-08
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	2.1E-17	1.1E-10	2.6E-16	1.0E-10	4.7E-16	5.5E-14	1.3E-13	6.9E-15	6.9E-15	7.6E-15	7.7E-20	2.2E-10
Biphenyl				1.1E-18	3.2E-18							4.3E-18
Chrysene	3.3E-16	7.1E-11	1.0E-15	6.4E-11	1.9E-15	2.4E-12	5.6E-12	3.0E-13	3.0E-13	4.7E-15	3.1E-19	1.4E-10
Dibenzo(a,h)anthracene	4.9E-14	3.1E-09	1.3E-13	2.8E-09	2.4E-13	9.5E-12	2.2E-11	1.2E-12	1.2E-12	2.3E-14	4.2E-18	5.9E-09
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.2E-14	4.4E-09	3.6E-14	4.0E-09	6.6E-14	2.9E-12	6.7E-12	3.6E-13	3.6E-13	3.0E-14	1.1E-18	8.4E-09
Napthalene						2.2E-10	5.0E-10	2.7E-11	2.7E-11			7.7E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.8E-17	1.7E-18	2.4E-18	1.5E-18	4.1E-18	8.0E-14	1.8E-13	9.9E-15	9.9E-15	3.9E-20	2.4E-19	2.8E-13
Heptachlorobiphenyl	2.0E-17	5.7E-18	8.0E-18	4.8E-18	1.4E-17	3.1E-14	7.2E-14	3.9E-15	3.9E-15	7.0E-20	4.3E-19	1.1E-13
Hexachlorobiphenyl	8.0E-17	2.6E-17	3.6E-17	2.2E-17	6.1E-17	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.2E-19	1.9E-18	4.6E-13
Monochlorobiphenyl	1.3E-16	1.2E-17	1.7E-17	1.0E-17	2.8E-17	5.5E-13	1.3E-12	6.9E-14	6.9E-14	2.7E-19	1.7E-18	2.0E-12
Nonachlorobiphenyl	2.5E-18	1.0E-18	1.4E-18	8.5E-19	2.4E-18	4.4E-15	1.0E-14	5.5E-16	5.5E-16	1.2E-20	7.6E-20	1.6E-14
Octachlorobiphenyl	5.8E-18	1.9E-18	2.6E-18	1.6E-18	4.4E-18	9.5E-15	2.2E-14	1.2E-15	1.2E-15	2.3E-20	1.4E-19	3.4E-14
Pentachlorobiphenyl	2.6E-16	9.3E-17	1.3E-16	7.9E-17	2.2E-16	4.5E-13	1.0E-12	5.6E-14	5.6E-14	1.1E-18	7.0E-18	1.6E-12
Tetrachlorobiphenyl	5.4E-18	6.6E-19	9.2E-19	5.6E-19	1.6E-18	2.6E-14	6.0E-14	3.2E-15	3.2E-15	1.5E-20	9.2E-20	9.2E-14
Trichlorobiphenyl	7.1E-18	7.9E-19	1.1E-18	6.7E-19	1.9E-18	3.3E-14	7.6E-14	4.1E-15	4.1E-15	1.8E-20	1.1E-19	1.2E-13
Pesticides												
DDE				7.5E-10	1.1E-09					6.8E-12	4.2E-11	1.9E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene						4.1E-08						4.1E-08

Table H-661 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-dichlorobenzene												
1,4-dichlorobenzene	2.1E-20					7.2E-13	1.7E-12	8.9E-14	8.9E-14			2.5E-12
1,4-Dioxane						1.6E-08						1.6E-08
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.9E-16	4.0E-15	5.6E-15	4.8E-15	1.3E-14	2.0E-11	4.5E-11	2.4E-12	2.4E-12	4.0E-20	2.5E-19	7.0E-11
Butyl benzyl phthalate	1.4E-17	2.7E-19	3.7E-19	3.1E-19	8.8E-19							1.6E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	2.3E-17					4.2E-11	9.7E-11	5.2E-12	5.2E-12			1.5E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	3.0E-21					4.3E-14	9.9E-14	5.4E-15	5.4E-15			1.5E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.4E-18											1.4E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	3.2E-20					1.8E-12	4.1E-12	2.2E-13	2.2E-13			6.3E-12
1,2-Dichloroethane	4.5E-20					3.8E-08	7.1E-12	1.1E-09	1.1E-09			4.0E-08
1,3,5-Trimethylbenzene												

Table H-661 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												
Benzene	4.7E-18					2.8E-08	6.7E-10	3.2E-09	3.2E-09			3.5E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	8.3E-22					1.5E-13	3.5E-13	1.9E-14	1.9E-14			5.4E-13
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	4.0E-22					3.8E-08	1.3E-13	4.0E-09	4.0E-09			4.6E-08
Chlorobenzene												
Chlorodibromomethane	6.6E-20											6.6E-20
Chloroethane												
Chloroform	3.7E-21					2.5E-08	4.5E-12	2.4E-09	2.4E-09			2.9E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	7.0E-19					1.0E-08	4.8E-11	2.6E-12	2.6E-12			1.0E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	2.2E-21					7.7E-15	1.8E-14	9.7E-16	9.7E-16			2.8E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.9E-23					1.3E-15	3.1E-15	1.7E-16	1.7E-16			4.8E-15
Toluene												

Table H-661 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.3E-23					8.0E-10	2.9E-15	1.6E-16	1.6E-16			8.0E-10
Trichlorofluoromethane												
Vinyl chloride	1.5E-20					9.3E-13	2.2E-12	1.2E-13	1.2E-13			3.3E-12
Grand Total	1.4E-12	2.0E-07	2.9E-08	2.5E-07	1.4E-07	3.4E-06	2.2E-05	1.1E-08	1.1E-08	6.3E-10	2.7E-09	2.6E-05

Table H-662 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					5.8E-01	4.0E+00	7.9E-06	7.9E-06			4.6E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
DNT												
2,4-Dinitrotoluene		2.0E-04		2.4E-04								4.4E-04
2,6-Dinitrotoluene		2.1E-03		2.5E-03								4.7E-03
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04

Table H-662 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum				7.9E-03	2.4E-02					7.7E-05	5.1E-04	3.2E-02
Antimony	3.9E-14			7.6E-04	1.2E-03							2.0E-03
Arsenic	2.7E-12	2.0E-03	1.5E-03	4.7E-03	7.2E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	7.7E-06	2.6E-05	1.6E-02
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				6.5E-02	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	1.6E-04	6.7E-04	2.0E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				2.4E-02	5.7E-02							8.1E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	9.6E-05	5.9E-04	6.9E-04
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.0E-02	4.0E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	2.2E-04	9.5E-04	6.1E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Thallium (Soluble Salts)				1.1E-02	1.4E-02							2.5E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												

Table H-662 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	1.1E-04	6.2E-06	6.2E-06			1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
DDE												
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.6E-02						1.6E-02

Table H-662 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
1,4-Dioxane						2.4E-03						2.4E-03
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						4.1E-03						4.1E-03
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.9E-03	9.1E-07	1.4E-04	1.4E-04			5.2E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15

Table H-662 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.8E-03	6.7E-05	3.2E-04	3.2E-04			3.5E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.5E-03	5.0E-09	1.5E-04	1.5E-04			1.8E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					2.6E-04	4.6E-08	2.4E-05	2.4E-05			3.1E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					9.6E-05	4.5E-07	2.4E-08	2.4E-08			9.6E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07

Table H-662 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.3E-03	8.4E-09	4.5E-10	4.5E-10			2.3E-03
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	5.0E-09	4.3E-03	1.5E-03	1.4E-01	2.7E-01	6.2E-01	4.0E+00	1.0E-03	1.0E-03	5.6E-04	2.7E-03	5.1E+00

Table H-663 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.4E-10	3.2E-10	1.7E-11	1.7E-11			4.9E-10
Formaldehyde						3.2E-06	1.5E-05	4.3E-11	4.3E-11			1.8E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	6.9E-17	6.9E-14	9.7E-14	2.7E-13	7.6E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	3.9E-18	2.4E-17	5.0E-11
1,2,3,4,6,7,8-HpCDF	6.7E-17	7.0E-14	9.8E-14	2.8E-13	7.7E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	4.0E-18	2.4E-17	5.1E-11
1,2,3,4,7,8,9-HpCDF	1.0E-17	8.0E-15	1.1E-14	3.2E-14	8.9E-14	1.8E-12	4.1E-12	2.2E-13	2.2E-13	4.5E-19	2.8E-18	6.4E-12
1,2,3,4,7,8-HxCDD	7.8E-16	7.9E-14	1.1E-13	3.1E-13	8.7E-13	1.7E-11	3.8E-11	2.1E-12	2.1E-12	4.4E-18	2.7E-17	6.0E-11
1,2,3,4,7,8-HxCDF	5.3E-15	6.2E-13	8.7E-13	2.5E-12	6.9E-12	1.3E-10	3.1E-10	1.7E-11	1.7E-11	3.5E-17	2.2E-16	4.9E-10
1,2,3,6,7,8-HxCDD	1.5E-15	1.6E-13	2.2E-13	6.3E-13	1.8E-12	3.5E-11	8.0E-11	4.4E-12	4.4E-12	9.1E-18	5.6E-17	1.3E-10
1,2,3,6,7,8-HxCDF	2.0E-15	2.0E-13	2.9E-13	8.1E-13	2.3E-12	4.4E-11	1.0E-10	5.5E-12	5.5E-12	1.2E-17	7.1E-17	1.6E-10
1,2,3,7,8,9-HxCDD	2.2E-15	2.5E-13	3.5E-13	1.0E-12	2.8E-12	5.3E-11	1.2E-10	6.6E-12	6.6E-12	1.4E-17	8.8E-17	1.9E-10
1,2,3,7,8,9-HxCDF	1.6E-16	1.5E-14	2.0E-14	5.8E-14	1.6E-13	3.4E-12	7.7E-12	4.2E-13	4.2E-13	8.2E-19	5.1E-18	1.2E-11
1,2,3,7,8-PeCDD	4.1E-14	8.9E-13	1.2E-12	3.5E-12	9.8E-12	2.1E-10	4.9E-10	2.6E-11	2.6E-11	5.0E-17	3.1E-16	7.7E-10
1,2,3,7,8-PeCDF	2.9E-15	5.2E-14	7.3E-14	2.1E-13	5.8E-13	1.5E-11	3.5E-11	1.9E-12	1.9E-12	2.9E-18	1.8E-17	5.4E-11
2,3,4,6,7,8-HxCDF	2.8E-15	3.2E-13	4.5E-13	1.3E-12	3.5E-12	6.8E-11	1.6E-10	8.5E-12	8.5E-12	1.8E-17	1.1E-16	2.5E-10
2,3,4,7,8-PeCDF	4.5E-14	1.2E-12	1.7E-12	4.9E-12	1.4E-11	3.4E-10	7.8E-10	4.2E-11	4.2E-11	7.1E-17	4.3E-16	1.2E-09
2,3,7,8-TCDD	1.4E-14	1.8E-13	2.5E-13	7.1E-13	2.0E-12	8.4E-11	1.9E-10	1.1E-11	1.1E-11	7.1E-15	4.3E-14	3.0E-10
2,3,7,8-TCDF	4.5E-15	3.3E-14	4.6E-14	1.3E-13	3.6E-13	3.1E-11	7.2E-11	3.9E-12	3.9E-12	1.9E-18	1.1E-17	1.1E-10
OCDD	9.2E-21	4.7E-16	6.6E-16	1.8E-15	5.2E-15	9.2E-14	2.1E-13	1.1E-14	1.1E-14	2.6E-20	1.6E-19	3.3E-13
OCDF	3.4E-21	1.8E-16	2.5E-16	7.1E-16	2.0E-15	3.4E-14	7.9E-14	4.3E-15	4.3E-15	1.0E-20	6.3E-20	1.3E-13
DNT												
2,4-Dinitrotoluene		5.3E-09		6.3E-09						8.9E-14		1.2E-08
2,6-Dinitrotoluene		4.1E-08		4.9E-08								9.0E-08
HCN												
Hydrogen cyanide												

Table H-663 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum												
Antimony												
Arsenic	5.2E-17	3.8E-08	1.2E-08	9.1E-08	5.5E-08	1.1E-10	2.5E-10	1.4E-11	1.4E-11	2.1E-11	2.9E-11	2.0E-07
Barium												
Beryllium						4.4E-12	1.0E-11	5.5E-13	5.5E-13	5.3E-21	3.2E-20	1.6E-11
Cadmium						5.8E-11	1.3E-10	7.3E-12	7.3E-12	3.1E-21	1.9E-20	2.1E-10
Chromium												
Cobalt						3.8E-09	8.8E-09	4.7E-10	4.7E-10	3.7E-10	2.6E-09	1.6E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.9E-11	8.9E-11	4.8E-12	4.8E-12	2.2E-10	1.6E-09	1.9E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.0E-19	4.1E-19	2.7E-19	7.5E-19							1.7E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.9E-13	4.9E-09	7.9E-14	4.4E-09	1.4E-13	1.4E-11	3.3E-11	1.8E-12	1.8E-12	1.0E-11	6.2E-11	9.4E-09

Table H-663 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Outdoor Vapors at CJ	Inhalation of Outdoor Vapors at Home	Inhalation of Particulate/Vapors		Grand Total
												Outdoors at CJ	Outdoors at Home	
Benzo(a)pyrene	9.6E-13	8.3E-08	4.1E-08	7.5E-08	7.5E-08	5.5E-11	1.3E-10	6.9E-12	6.9E-12	5.5E-13	1.2E-12	2.7E-07		
Benzo(b)fluoranthene	2.6E-14	1.8E-08	3.7E-09	1.6E-08	6.8E-09	6.2E-12	1.4E-11	7.7E-13	7.7E-13	1.2E-13	1.1E-13	4.4E-08		
Benzo(e)pyrene														
Benzo(g,h,i)perylene														
Benzo(k)fluoranthene	2.1E-17	1.1E-10	2.6E-16	1.0E-10	4.7E-16	5.5E-14	1.3E-13	6.9E-15	6.9E-15	7.6E-15	7.7E-20	2.2E-10		
Biphenyl				1.1E-18	3.2E-18							4.3E-18		
Chrysene	3.3E-16	7.1E-11	1.0E-15	6.4E-11	1.9E-15	2.4E-12	5.6E-12	3.0E-13	3.0E-13	4.7E-15	3.1E-19	1.4E-10		
Dibenzo(a,h)anthracene	4.9E-14	3.1E-09	1.3E-13	2.8E-09	2.4E-13	9.5E-12	2.2E-11	1.2E-12	1.2E-12	2.3E-14	4.2E-18	5.9E-09		
Fluoranthene														
Fluorene														
Indeno(1,2,3-cd)pyrene	1.2E-14	4.4E-09	3.6E-14	4.0E-09	6.6E-14	2.9E-12	6.7E-12	3.6E-13	3.6E-13	3.0E-14	1.1E-18	8.4E-09		
Napthalene						2.2E-10	5.0E-10	2.7E-11	2.7E-11			7.7E-10		
Perylene														
Phenanthrene														
Pyrene														
Particulate														
Particulate Total Suspended Particulate														
PM<10														
PM<2.5														
PCBs														
Dichlorobiphenyl	1.8E-17	1.7E-18	2.4E-18	1.5E-18	4.1E-18	8.0E-14	1.8E-13	9.9E-15	9.9E-15	3.9E-20	2.4E-19	2.8E-13		
Heptachlorobiphenyl	2.0E-17	5.7E-18	8.0E-18	4.8E-18	1.4E-17	3.1E-14	7.2E-14	3.9E-15	3.9E-15	7.0E-20	4.3E-19	1.1E-13		
Hexachlorobiphenyl	8.0E-17	2.6E-17	3.6E-17	2.2E-17	6.1E-17	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.2E-19	1.9E-18	4.6E-13		
Monochlorobiphenyl	1.3E-16	1.2E-17	1.7E-17	1.0E-17	2.8E-17	5.5E-13	1.3E-12	6.9E-14	6.9E-14	2.7E-19	1.7E-18	2.0E-12		
Nonachlorobiphenyl	2.5E-18	1.0E-18	1.4E-18	8.5E-19	2.4E-18	4.4E-15	1.0E-14	5.5E-16	5.5E-16	1.2E-20	7.6E-20	1.6E-14		
Octachlorobiphenyl	5.8E-18	1.9E-18	2.6E-18	1.6E-18	4.4E-18	9.5E-15	2.2E-14	1.2E-15	1.2E-15	2.3E-20	1.4E-19	3.4E-14		
Pentachlorobiphenyl	2.6E-16	9.3E-17	1.3E-16	7.9E-17	2.2E-16	4.5E-13	1.0E-12	5.6E-14	5.6E-14	1.1E-18	7.0E-18	1.6E-12		
Tetrachlorobiphenyl	5.4E-18	6.6E-19	9.2E-19	5.6E-19	1.6E-18	2.6E-14	6.0E-14	3.2E-15	3.2E-15	1.5E-20	9.2E-20	9.2E-14		
Trichlorobiphenyl	7.1E-18	7.9E-19	1.1E-18	6.7E-19	1.9E-18	3.3E-14	7.6E-14	4.1E-15	4.1E-15	1.8E-20	1.1E-19	1.2E-13		
Pesticides														
DDE				7.5E-10	4.0E-09					6.8E-12	4.2E-11	4.8E-09		
SVOCs														
1,2,4-trichlorobenzene														
1,2-dichlorobenzene														
1,3-Butadiene							4.1E-08							4.1E-08

Table H-663 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-dichlorobenzene												
1,4-dichlorobenzene	2.1E-20					7.2E-13	1.7E-12	8.9E-14	8.9E-14			2.5E-12
1,4-Dioxane						1.6E-08						1.6E-08
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.9E-16	4.0E-15	5.6E-15	4.8E-15	1.3E-14	2.0E-11	4.5E-11	2.4E-12	2.4E-12	4.0E-20	2.5E-19	7.0E-11
Butyl benzyl phthalate	1.4E-17	2.7E-19	3.7E-19	3.1E-19	8.8E-19							1.6E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	2.3E-17					4.2E-11	9.7E-11	5.2E-12	5.2E-12			1.5E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	3.0E-21					4.3E-14	9.9E-14	5.4E-15	5.4E-15			1.5E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.4E-18											1.4E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	3.2E-20					1.8E-12	4.1E-12	2.2E-13	2.2E-13			6.3E-12
1,2-Dichloroethane	4.5E-20					3.8E-08	7.1E-12	1.1E-09	1.1E-09			4.0E-08
1,3,5-Trimethylbenzene												

Table H-663 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												
Benzene	4.7E-18					2.8E-08	6.7E-10	3.2E-09	3.2E-09			3.5E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	8.3E-22					1.5E-13	3.5E-13	1.9E-14	1.9E-14			5.4E-13
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	4.0E-22					3.8E-08	1.3E-13	4.0E-09	4.0E-09			4.6E-08
Chlorobenzene												
Chlorodibromomethane	6.6E-20											6.6E-20
Chloroethane												
Chloroform	3.7E-21					2.5E-08	4.5E-12	2.4E-09	2.4E-09			2.9E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	7.0E-19					1.0E-08	4.8E-11	2.6E-12	2.6E-12			1.0E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	2.2E-21					7.7E-15	1.8E-14	9.7E-16	9.7E-16			2.8E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.9E-23					1.3E-15	3.1E-15	1.7E-16	1.7E-16			4.8E-15
Toluene												

Table H-663 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.3E-23					8.0E-10	2.9E-15	1.6E-16	1.6E-16			8.0E-10
Trichlorofluoromethane												
Vinyl chloride	1.5E-20					9.3E-13	2.2E-12	1.2E-13	1.2E-13			3.3E-12
Grand Total	1.4E-12	2.0E-07	5.7E-08	2.5E-07	1.4E-07	3.4E-06	1.5E-05	1.1E-08	1.1E-08	6.3E-10	4.4E-09	1.9E-05

Table H-664 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					5.8E-01	2.7E+00	7.9E-06	7.9E-06			3.3E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
DNT												
2,4-Dinitrotoluene		2.0E-04		2.4E-04								4.4E-04
2,6-Dinitrotoluene		2.1E-03		2.5E-03								4.7E-03
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04

Table H-664 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum				7.9E-03	1.9E-02					7.7E-05	4.1E-04	2.8E-02
Antimony	3.9E-14			7.6E-04	4.2E-04							1.2E-03
Arsenic	2.7E-12	2.0E-03	6.1E-04	4.7E-03	2.9E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	7.7E-06	1.0E-05	1.0E-02
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				6.5E-02	2.1E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	1.6E-04	1.1E-03	2.8E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				2.4E-02	6.2E-02							8.6E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	9.6E-05	5.9E-04	6.9E-04
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.0E-02	6.6E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	2.2E-04	1.6E-03	8.8E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Thallium (Soluble Salts)				1.1E-02								1.1E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												

Table H-664 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	1.1E-04	6.2E-06	6.2E-06			1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
DDE												
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.6E-02						1.6E-02

Table H-664 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
1,4-Dioxane						2.4E-03						2.4E-03
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						4.1E-03						4.1E-03
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.9E-03	9.1E-07	1.4E-04	1.4E-04			5.2E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15

Table H-664 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.8E-03	6.7E-05	3.2E-04	3.2E-04			3.5E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.5E-03	5.0E-09	1.5E-04	1.5E-04			1.8E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					2.6E-04	4.6E-08	2.4E-05	2.4E-05			3.1E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					9.6E-05	4.5E-07	2.4E-08	2.4E-08			9.6E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07

Table H-664 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.3E-03	8.4E-09	4.5E-10	4.5E-10			2.3E-03
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	5.0E-09	4.3E-03	6.1E-04	1.4E-01	3.6E-01	6.2E-01	2.8E+00	1.0E-03	1.0E-03	5.6E-04	3.7E-03	3.9E+00

Table H-665 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.4E-10	4.9E-09	1.7E-11	1.6E-09			6.7E-09
Formaldehyde						3.2E-06	1.1E-08	4.3E-11	3.8E-09			3.2E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	6.9E-17	6.9E-14	1.3E-12	2.7E-13	1.0E-11	1.4E-11	5.5E-10	1.7E-12	1.8E-10	3.9E-18	3.2E-16	7.6E-10
1,2,3,4,6,7,8-HpCDF	6.7E-17	7.0E-14	1.3E-12	2.8E-13	1.0E-11	1.4E-11	5.5E-10	1.7E-12	1.8E-10	4.0E-18	3.2E-16	7.7E-10
1,2,3,4,7,8,9-HpCDF	1.0E-17	8.0E-15	1.6E-13	3.2E-14	1.2E-12	1.8E-12	7.2E-11	2.2E-13	2.4E-11	4.5E-19	3.9E-17	9.9E-11
1,2,3,4,7,8-HxCDD	7.8E-16	7.9E-14	1.5E-12	3.1E-13	1.2E-11	1.7E-11	6.7E-10	2.1E-12	2.2E-10	4.4E-18	3.8E-16	9.3E-10
1,2,3,4,7,8-HxCDF	5.3E-15	6.2E-13	1.2E-11	2.5E-12	9.5E-11	1.3E-10	5.4E-09	1.7E-11	1.8E-09	3.5E-17	3.0E-15	7.5E-09
1,2,3,6,7,8-HxCDD	1.5E-15	1.6E-13	3.1E-12	6.3E-13	2.4E-11	3.5E-11	1.4E-09	4.4E-12	4.7E-10	9.1E-18	7.7E-16	2.0E-09
1,2,3,6,7,8-HxCDF	2.0E-15	2.0E-13	4.0E-12	8.1E-13	3.1E-11	4.4E-11	1.8E-09	5.5E-12	5.9E-10	1.2E-17	9.9E-16	2.5E-09
1,2,3,7,8,9-HxCDD	2.2E-15	2.5E-13	4.9E-12	1.0E-12	3.8E-11	5.3E-11	2.1E-09	6.6E-12	7.1E-10	1.4E-17	1.2E-15	3.0E-09
1,2,3,7,8,9-HxCDF	1.6E-16	1.5E-14	2.9E-13	5.8E-14	2.3E-12	3.4E-12	1.4E-10	4.2E-13	4.6E-11	8.2E-19	7.1E-17	1.9E-10
1,2,3,7,8-PeCDD	4.1E-14	8.9E-13	1.7E-11	3.5E-12	1.4E-10	2.1E-10	8.6E-09	2.6E-11	2.9E-09	5.0E-17	4.3E-15	1.2E-08
1,2,3,7,8-PeCDF	2.9E-15	5.2E-14	1.0E-12	2.1E-13	8.1E-12	1.5E-11	6.1E-10	1.9E-12	2.0E-10	2.9E-18	2.6E-16	8.4E-10
2,3,4,6,7,8-HxCDF	2.8E-15	3.2E-13	6.0E-12	1.3E-12	4.7E-11	6.8E-11	2.7E-09	8.5E-12	9.0E-10	1.8E-17	1.5E-15	3.7E-09
2,3,4,7,8-PeCDF	4.5E-14	1.2E-12	2.5E-11	4.9E-12	1.9E-10	3.4E-10	1.4E-08	4.2E-11	4.6E-09	7.1E-17	6.1E-15	1.9E-08
2,3,7,8-TCDD	1.4E-14	1.8E-13	2.6E-12	7.1E-13	2.1E-11	8.4E-11	2.8E-09	1.1E-11	9.4E-10	7.1E-15	4.5E-13	3.9E-09
2,3,7,8-TCDF	4.5E-15	3.3E-14	6.6E-13	1.3E-13	5.2E-12	3.1E-11	1.3E-09	3.9E-12	4.3E-10	1.9E-18	1.6E-16	1.7E-09
OCDD	9.2E-21	4.7E-16	8.6E-15	1.8E-15	6.8E-14	9.2E-14	3.6E-12	1.1E-14	1.2E-12	2.6E-20	2.1E-18	5.0E-12
OCDF	3.4E-21	1.8E-16	3.2E-15	7.1E-16	2.6E-14	3.4E-14	1.3E-12	4.3E-15	4.5E-13	1.0E-20	8.1E-19	1.9E-12
DNT												
2,4-Dinitrotoluene		5.3E-09		6.3E-09						8.9E-14		1.2E-08
2,6-Dinitrotoluene		4.1E-08		4.9E-08								9.0E-08
HCN												
Hydrogen cyanide												

Table H-665 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum												
Antimony												
Arsenic	5.2E-17	3.8E-08	3.1E-18	9.1E-08	1.5E-17	1.1E-10	3.9E-09	1.4E-11	1.3E-09	2.1E-11	7.6E-21	1.3E-07
Barium												
Beryllium						4.4E-12	1.5E-10	5.5E-13	5.0E-11	5.3E-21	4.4E-19	2.0E-10
Cadmium						5.8E-11	2.0E-09	7.3E-12	6.8E-10	3.1E-21	2.6E-19	2.8E-09
Chromium												
Cobalt						3.8E-09	6.9E-08	4.7E-10	2.3E-08	3.7E-10	3.6E-13	9.7E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.9E-11	1.3E-09	4.8E-12	4.4E-10	2.2E-10	1.9E-19	2.0E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.0E-19	6.0E-18	2.7E-19	1.1E-17							1.8E-17
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.9E-13	4.9E-09	1.3E-12	4.4E-09	2.3E-12	1.4E-11	6.1E-10	1.8E-12	2.0E-10	1.0E-11	1.1E-14	1.0E-08

Table H-665 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene	9.6E-13	8.3E-08	5.3E-12	7.5E-08	9.7E-12	5.5E-11	2.3E-09	6.9E-12	7.7E-10	5.5E-13	1.6E-16	1.6E-07
Benzo(b)fluoranthene	2.6E-14	1.8E-08	2.9E-14	1.6E-08	5.2E-14	6.2E-12	2.5E-10	7.7E-13	8.3E-11	1.2E-13	8.5E-19	3.4E-08
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	2.1E-17	1.1E-10	1.7E-15	1.0E-10	3.1E-15	5.5E-14	9.8E-13	6.9E-15	3.3E-13	7.6E-15	5.1E-19	2.2E-10
Biphenyl				1.1E-18	4.8E-17							4.9E-17
Chrysene	3.3E-16	7.1E-11	1.5E-14	6.4E-11	2.7E-14	2.4E-12	1.0E-10	3.0E-13	3.3E-11	4.7E-15	4.5E-18	2.7E-10
Dibenzo(a,h)anthracene	4.9E-14	3.1E-09	1.9E-12	2.8E-09	3.4E-12	9.5E-12	3.9E-10	1.2E-12	1.3E-10	2.3E-14	6.0E-17	6.4E-09
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.2E-14	4.4E-09	5.2E-13	4.0E-09	9.5E-13	2.9E-12	1.2E-10	3.6E-13	4.0E-11	3.0E-14	1.5E-17	8.6E-09
Napthalene						2.2E-10	9.0E-09	2.7E-11	3.0E-09			1.2E-08
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.8E-17	1.7E-18	3.4E-17	1.5E-18	5.8E-17	8.0E-14	3.3E-12	9.9E-15	1.1E-12	3.9E-20	3.4E-18	4.4E-12
Heptachlorobiphenyl	2.0E-17	5.7E-18	1.1E-16	4.8E-18	1.9E-16	3.1E-14	1.3E-12	3.9E-15	4.2E-13	7.0E-20	6.0E-18	1.7E-12
Hexachlorobiphenyl	8.0E-17	2.6E-17	4.6E-16	2.2E-17	7.9E-16	1.3E-13	5.1E-12	1.6E-14	1.7E-12	3.2E-19	2.5E-17	6.9E-12
Monochlorobiphenyl	1.3E-16	1.2E-17	2.4E-16	1.0E-17	4.1E-16	5.5E-13	2.3E-11	6.9E-14	7.6E-12	2.7E-19	2.4E-17	3.1E-11
Nonachlorobiphenyl	2.5E-18	1.0E-18	1.6E-17	8.5E-19	2.7E-17	4.4E-15	1.6E-13	5.5E-16	5.2E-14	1.2E-20	8.5E-19	2.1E-13
Octachlorobiphenyl	5.8E-18	1.9E-18	3.4E-17	1.6E-18	5.7E-17	9.5E-15	3.7E-13	1.2E-15	1.2E-13	2.3E-20	1.8E-18	5.1E-13
Pentachlorobiphenyl	2.6E-16	9.3E-17	1.6E-15	7.9E-17	2.7E-15	4.5E-13	1.7E-11	5.6E-14	5.6E-12	1.1E-18	8.6E-17	2.3E-11
Tetrachlorobiphenyl	5.4E-18	6.6E-19	1.1E-17	5.6E-19	1.9E-17	2.6E-14	9.7E-13	3.2E-15	3.2E-13	1.5E-20	1.1E-18	1.3E-12
Trichlorobiphenyl	7.1E-18	7.9E-19	1.4E-17	6.7E-19	2.4E-17	3.3E-14	1.3E-12	4.1E-15	4.2E-13	1.8E-20	1.4E-18	1.7E-12
Pesticides												
DDE				7.5E-10						6.8E-12		7.6E-10
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene						4.1E-08						4.1E-08

Table H-665 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-dichlorobenzene												
1,4-dichlorobenzene	2.1E-20					7.2E-13	3.2E-11	8.9E-14	1.1E-11			4.4E-11
1,4-Dioxane						1.6E-08						1.6E-08
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.9E-16	4.0E-15	7.2E-14	4.8E-15	1.7E-13	2.0E-11	7.6E-10	2.4E-12	2.5E-10	4.0E-20	3.2E-18	1.0E-09
Butyl benzyl phthalate	1.4E-17	2.7E-19	5.4E-18	3.1E-19	1.3E-17							3.3E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	2.3E-17					4.2E-11	7.5E-10	5.2E-12	2.5E-10			1.0E-09
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	3.0E-21					4.3E-14	1.4E-12	5.4E-15	4.8E-13			2.0E-12
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.4E-18											1.4E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	3.2E-20					1.8E-12	3.2E-11	2.2E-13	1.1E-11			4.4E-11
1,2-Dichloroethane	4.5E-20					3.8E-08	1.2E-10	1.1E-09	3.9E-11			3.9E-08
1,3,5-Trimethylbenzene												

Table H-665 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												
Benzene	4.7E-18					2.8E-08	1.1E-08	3.2E-09	3.8E-09			4.7E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	8.3E-22					1.5E-13	2.7E-12	1.9E-14	9.0E-13			3.8E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	4.0E-22					3.8E-08	1.0E-12	4.0E-09	3.3E-13			4.2E-08
Chlorobenzene												
Chlorodibromomethane	6.6E-20											6.6E-20
Chloroethane												
Chloroform	3.7E-21					2.5E-08	3.8E-11	2.4E-09	1.3E-11			2.7E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	7.0E-19					1.0E-08	7.9E-10	2.6E-12	2.6E-10			1.1E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	2.2E-21					7.7E-15	2.8E-13	9.7E-16	9.5E-14			3.9E-13
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.9E-23					1.3E-15	4.7E-14	1.7E-16	1.6E-14			6.4E-14
Toluene												

Table H-665 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.3E-23					8.0E-10	2.3E-14	1.6E-16	7.6E-15			8.0E-10
Trichlorofluoromethane												
Vinyl chloride	1.5E-20					9.3E-13	2.3E-11	1.2E-13	7.6E-12			3.1E-11
Grand Total	1.4E-12	2.0E-07	9.0E-11	2.5E-07	6.5E-10	3.4E-06	1.6E-07	1.1E-08	5.4E-08	6.3E-10	8.4E-13	4.1E-06

Table H-666 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	1.5E-03	5.2E-06	5.0E-04			2.0E-03
Aldehydes												
Acetaldehyde						1.6E-04	5.8E-03	2.0E-05	1.9E-03			7.9E-03
Formaldehyde	2.3E-12					5.8E-01	2.1E-03	7.9E-06	6.9E-04			5.9E-01
Propionaldehyde						2.0E-05	7.2E-04	2.5E-06	2.4E-04	2.1E-12	1.5E-10	9.8E-04
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-06	3.1E-07	9.0E-06	1.3E-06	4.3E-05	1.6E-07	1.4E-05	1.8E-10	1.2E-08	7.0E-05
2,3,7,8-TCDF												
OCDD												
OCDF												
DNT												
2,4-Dinitrotoluene		2.0E-04		2.4E-04								4.4E-04
2,6-Dinitrotoluene		2.1E-03		2.5E-03								4.7E-03
HCN												
Hydrogen cyanide						2.0E-04	7.7E-03	2.5E-05	2.6E-03			1.1E-02

Table H-666 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum				7.9E-03						7.7E-05		7.9E-03
Antimony	3.9E-14			7.6E-04								7.6E-04
Arsenic	2.7E-12	2.0E-03	1.6E-13	4.7E-03	7.6E-13	4.0E-05	1.4E-03	4.9E-06	4.7E-04	7.7E-06	2.7E-15	8.6E-03
Barium	1.4E-11			2.2E-08	7.5E-07	2.5E-04	6.8E-03	3.1E-05	2.3E-03	4.3E-10	3.2E-08	9.3E-03
Beryllium	1.7E-14			5.2E-13	2.0E-11	2.1E-06	7.3E-05	2.7E-07	2.4E-05	2.6E-15	2.1E-13	9.9E-05
Cadmium	8.3E-12			8.2E-13	3.1E-11	7.6E-05	2.6E-03	9.5E-06	8.8E-04	4.0E-15	3.4E-13	3.6E-03
Chromium	1.9E-15			6.4E-11	2.5E-09							2.6E-09
Cobalt				6.5E-02	4.7E-05	1.6E-03	3.0E-02	2.0E-04	9.9E-03	1.6E-04	2.6E-07	1.1E-01
Copper				1.1E-08	4.3E-07							4.4E-07
Iron				2.4E-02								2.4E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.6E-09	7.8E-08	2.8E-06	9.8E-09	9.2E-07	1.0E-14	7.1E-13	3.8E-06
Mercury, elemental						3.3E-10	1.2E-08	4.1E-11	3.8E-09	9.6E-05		9.6E-05
Methyl Mercury	1.3E-10			3.8E-11	1.5E-09							1.6E-09
Nickel	1.7E-13			2.0E-02	7.8E-12	3.9E-05	1.3E-03	4.8E-06	4.4E-04	2.2E-04	1.9E-13	2.2E-02
Phosphorus				3.7E-10	1.4E-08							1.4E-08
Selenium	5.5E-14			8.1E-15	3.1E-13	8.7E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-20	8.4E-18	4.2E-07
Silver	4.2E-14			1.7E-10	6.3E-09							6.5E-09
Thallium (Soluble Salts)				1.1E-02								1.1E-02
Titanium												
Zinc	1.4E-11			6.1E-13	2.2E-11							3.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	6.9E-14	3.1E-15	1.3E-13							2.0E-13
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	1.2E-12	5.2E-14	2.1E-12							3.4E-12
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												

Table H-666 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	2.8E-13	2.8E-04	1.2E-02	3.5E-05	3.9E-03	4.9E-12	4.5E-10	1.6E-02
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	3.4E-11	1.5E-12	6.3E-11							1.1E-10
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	2.1E-03	6.2E-06	6.9E-04			2.8E-03
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.9E-10	8.5E-12	3.5E-10							5.6E-10
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.8E-10	1.2E-11	4.7E-10							8.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	1.1E-10	4.9E-12	1.9E-10	9.8E-10	3.9E-08	1.2E-10	1.3E-08	3.8E-15	3.3E-13	5.4E-08
Hexachlorobiphenyl	4.7E-11	2.6E-11	4.7E-10	2.2E-11	8.0E-10	4.1E-06	1.6E-04	5.1E-07	5.3E-05	1.7E-11	1.4E-09	2.2E-04
Monochlorobiphenyl	6.1E-10	9.8E-11	2.0E-09	8.3E-11	3.3E-09							6.0E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.6E-11	8.6E-13	2.7E-11							4.6E-11
Octachlorobiphenyl	3.4E-12	1.9E-12	3.4E-11	1.6E-12	5.8E-11							9.9E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.6E-09	8.0E-11	2.7E-09	4.6E-05	1.7E-03	5.7E-06	5.7E-04	2.0E-10	1.5E-08	2.3E-03
Tetrachlorobiphenyl	2.6E-11	5.4E-12	9.1E-11	4.5E-12	1.5E-10	2.3E-07	8.7E-06	2.9E-08	2.9E-06	2.3E-13	1.7E-11	1.2E-05
Trichlorobiphenyl	3.4E-11	6.5E-12	1.2E-10	5.5E-12	2.0E-10							3.6E-10
Pesticides												
DDE												
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	4.3E-06	1.7E-08	1.4E-06			5.9E-06
1,2-dichlorobenzene	3.1E-17					5.4E-10	9.7E-09	6.8E-11	3.2E-09			1.4E-08
1,3-Butadiene						1.6E-02						1.6E-02

Table H-666 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	8.5E-08	2.4E-10	2.8E-08			1.2E-07
1,4-Dioxane						2.4E-03						2.4E-03
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	3.9E-06	1.2E-08	1.3E-06			5.3E-06
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	6.0E-09	4.0E-10	1.4E-08							2.1E-08
Butyl benzyl phthalate	8.8E-13	1.6E-14	3.3E-13	1.9E-14	7.9E-13							2.0E-12
Carbazole												
Dibenzofuran		1.4E-13	2.9E-12	5.7E-13	2.3E-11							2.6E-11
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	6.7E-13	3.9E-14	1.6E-12							1.9E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	8.7E-12	1.1E-12	2.1E-11							3.1E-11
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						4.1E-03						4.1E-03
Phenol	4.9E-13					1.5E-06	6.2E-05	1.9E-07	2.1E-05			8.5E-05
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	1.0E-09	3.3E-12	3.3E-10			1.4E-09
1,1-Dichloroethene	1.2E-19					1.3E-10	2.3E-09	1.6E-11	7.7E-10			3.2E-09
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	6.4E-06	4.5E-08	2.1E-06			9.0E-06
1,2,4-Trimethylbenzene						8.9E-07	2.8E-05	1.1E-07	9.4E-06			3.9E-05
1,2-Dibromoethane	4.1E-17					7.7E-09	1.4E-07	9.6E-10	4.6E-08			1.9E-07
1,2-Dichloroethane	1.9E-15					4.9E-03	1.5E-05	1.4E-04	5.0E-06			5.1E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15

Table H-666 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	2.6E-07	8.3E-10	8.7E-08			3.6E-07
2-Chlorotoluene												
2-Hexanone						2.3E-07	8.2E-06	2.8E-08	2.7E-06			1.1E-05
Benzene	4.9E-13					2.8E-03	1.1E-03	3.2E-04	3.8E-04			4.7E-03
Bromobenzene						6.2E-07	1.1E-05	7.8E-08	3.7E-06			1.5E-05
Bromochloromethane						2.2E-09	3.9E-08	2.8E-10	1.3E-08			5.5E-08
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	2.3E-05	9.5E-08	7.6E-06			3.1E-05
Carbon disulfide	1.3E-17					4.8E-09	1.4E-07	6.0E-10	4.7E-08			1.9E-07
Carbon tetrachloride	3.4E-17					1.5E-03	3.9E-08	1.5E-04	1.3E-08			1.6E-03
Chlorobenzene	2.3E-15					9.6E-08	3.4E-06	1.2E-08	1.1E-06			4.7E-06
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	3.2E-08	1.1E-10	1.1E-08			4.3E-08
Chloroform	2.8E-16					2.6E-04	3.9E-07	2.4E-05	1.3E-07			2.8E-04
Chloromethane						3.4E-07	1.0E-05	4.3E-08	3.5E-06			1.4E-05
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	9.1E-07	6.4E-09	3.0E-07			1.3E-06
Dichlorodifluoromethane	2.4E-20					2.5E-09	4.4E-08	3.1E-10	1.5E-08			6.2E-08
Ethylbenzene	1.5E-14					9.6E-05	7.4E-06	2.4E-08	2.5E-06			1.1E-04
Isopropylbenzene	2.0E-17					3.9E-08	1.3E-06	4.9E-09	4.5E-07			1.8E-06
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.1E-09	1.5E-11	7.1E-10			3.0E-09
Methylene chloride	4.3E-15					3.0E-08	1.1E-06	3.8E-09	3.7E-07			1.5E-06
n-Butylbenzene												
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07			4.2E-07
o-Xylene	1.4E-15					2.3E-07	7.6E-06	2.9E-08	2.5E-06			1.0E-05
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.9E-05	6.4E-08	6.2E-06			2.5E-05
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	1.1E-07	3.8E-10	3.5E-08			1.4E-07
Toluene	2.0E-14					6.3E-08	2.5E-06	7.9E-09	8.3E-07			3.4E-06

Table H-666 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.3E-03	6.5E-08	4.5E-10	2.2E-08			2.3E-03
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.2E-06	6.2E-09	4.0E-07			1.7E-06
Grand Total	5.0E-09	4.3E-03	1.1E-06	1.4E-01	5.8E-05	6.2E-01	7.7E-02	1.0E-03	2.6E-02	5.6E-04	3.2E-07	8.6E-01

Table H-667 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			1.4E-10	1.7E-11		1.5E-10
Formaldehyde			3.4E-10	4.3E-11		3.9E-10
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	6.9E-14	2.7E-13	1.4E-11	1.7E-12	3.9E-18	1.6E-11
1,2,3,4,6,7,8-HpCDF	7.0E-14	2.8E-13	1.4E-11	1.7E-12	4.0E-18	1.6E-11
1,2,3,4,7,8,9-HpCDF	8.0E-15	3.2E-14	1.8E-12	2.2E-13	4.5E-19	2.0E-12
1,2,3,4,7,8-HxCDD	7.9E-14	3.1E-13	1.7E-11	2.1E-12	4.4E-18	1.9E-11
1,2,3,4,7,8-HxCDF	6.2E-13	2.5E-12	1.3E-10	1.7E-11	3.5E-17	1.5E-10
1,2,3,6,7,8-HxCDD	1.6E-13	6.3E-13	3.5E-11	4.4E-12	9.1E-18	4.0E-11
1,2,3,6,7,8-HxCDF	2.0E-13	8.1E-13	4.4E-11	5.5E-12	1.2E-17	5.0E-11
1,2,3,7,8,9-HxCDD	2.5E-13	1.0E-12	5.3E-11	6.6E-12	1.4E-17	6.1E-11
1,2,3,7,8,9-HxCDF	1.5E-14	5.8E-14	3.4E-12	4.2E-13	8.2E-19	3.8E-12
1,2,3,7,8-PeCDD	8.9E-13	3.5E-12	2.1E-10	2.6E-11	5.0E-17	2.4E-10

Table H-667 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	5.2E-14	2.1E-13	1.5E-11	1.9E-12	2.9E-18	1.7E-11
2,3,4,6,7,8-HxCDF	3.2E-13	1.3E-12	6.8E-11	8.5E-12	1.8E-17	7.8E-11
2,3,4,7,8-PeCDF	1.2E-12	4.9E-12	3.4E-10	4.2E-11	7.1E-17	3.8E-10
2,3,7,8-TCDD	1.8E-13	7.1E-13	8.4E-11	1.1E-11	7.1E-15	9.6E-11
2,3,7,8-TCDF	3.3E-14	1.3E-13	3.1E-11	3.9E-12	1.9E-18	3.5E-11
OCDD	4.7E-16	1.8E-15	9.2E-14	1.1E-14	2.6E-20	1.1E-13
OCDF	1.8E-16	7.1E-16	3.4E-14	4.3E-15	1.0E-20	4.0E-14
HCN						
Hydrogen cyanide						
Metals						
Aluminum						
Antimony						
Arsenic	1.3E-08	3.0E-08	1.1E-10	1.4E-11	7.0E-12	4.2E-08
Barium						
Beryllium			4.4E-12	5.5E-13	5.3E-21	5.0E-12
Cadmium			5.8E-11	7.3E-12	3.1E-21	6.6E-11
Chromium						
Cobalt			3.8E-09	4.7E-10	3.4E-10	4.6E-09
Copper						
Iron						
Lead						
Manganese						
Mercury (+2)						

Table H-667 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental						
Methyl Mercury						
Nickel			3.9E-11	4.8E-12	2.2E-10	2.6E-10
Phosphorus						
Selenium						
Silver						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.0E-19	2.7E-19				5.7E-19
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	2.8E-07	2.5E-07	1.4E-11	1.8E-12	5.8E-10	5.4E-07
Benzo(a)pyrene	2.4E-06	2.1E-06	5.5E-11	6.9E-12	1.6E-11	4.5E-06
Benzo(b)fluoranthene	3.8E-07	3.5E-07	6.2E-12	7.7E-13	2.6E-12	7.3E-07
Benzo(e)pyrene						

Table H-667 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	2.1E-08	1.9E-08	5.5E-14	6.9E-15	1.4E-12	3.9E-08
Biphenyl		1.1E-18				1.1E-18
Chrysene	2.9E-09	2.7E-09	2.4E-12	3.0E-13	2.0E-13	5.6E-09
Dibenze(a,h)anthracene	4.6E-07	4.2E-07	9.5E-12	1.2E-12	3.3E-12	8.7E-07
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	6.0E-08	5.5E-08	2.9E-12	3.6E-13	4.1E-13	1.2E-07
Napthalene			2.2E-10	2.7E-11	3.6E-10	6.0E-10
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	1.7E-18	1.5E-18	8.0E-14	9.9E-15	3.9E-20	8.9E-14
Heptachlorobiphenyl	5.7E-18	4.8E-18	3.1E-14	3.9E-15	7.0E-20	3.5E-14
Hexachlorobiphenyl	2.6E-17	2.2E-17	1.3E-13	1.6E-14	3.2E-19	1.5E-13
Monochlorobiphenyl	1.2E-17	1.0E-17	5.5E-13	6.9E-14	2.7E-19	6.2E-13
Nonachlorobiphenyl	1.0E-18	8.5E-19	4.4E-15	5.5E-16	1.2E-20	4.9E-15
Octachlorobiphenyl	1.9E-18	1.6E-18	9.5E-15	1.2E-15	2.3E-20	1.1E-14

Table H-667 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Pentachlorobiphenyl	9.3E-17	7.9E-17	4.5E-13	5.6E-14	1.1E-18	5.0E-13
Tetrachlorobiphenyl	6.6E-19	5.6E-19	2.6E-14	3.2E-15	1.5E-20	2.9E-14
Trichlorobiphenyl	7.9E-19	6.7E-19	3.3E-14	4.1E-15	1.8E-20	3.7E-14
Pesticides						
DDE		9.4E-09			8.5E-11	9.4E-09
Dieldrin	4.2E-08	5.0E-08			7.0E-13	9.2E-08
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-Butadiene			3.5E-08			3.5E-08
1,3-dichlorobenzene						
1,4-dichlorobenzene			7.2E-13	8.9E-14		8.1E-13
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	4.0E-15	4.8E-15	2.0E-11	2.4E-12	4.0E-20	2.2E-11
Butyl benzyl phthalate	2.7E-19	3.1E-19				5.8E-19

Table H-667 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			4.2E-11	5.2E-12		4.7E-11
Isopropanol						
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			4.3E-14	5.4E-15		4.8E-14
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			1.8E-12	2.2E-13		2.0E-12
1,2-Dichloroethane			3.1E-12	1.1E-09		1.1E-09
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						

Table H-667 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
2-Chlorotoluene						
2-Hexanone						
Benzene			3.7E-08	3.2E-09		4.0E-08
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			1.5E-13	1.9E-14		1.7E-13
Bromomethane						
Carbon disulfide						
Carbon tetrachloride			3.6E-08	4.0E-09		4.0E-08
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			3.2E-08	2.4E-09		3.4E-08
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			5.6E-09	2.6E-12		5.6E-09
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			7.7E-15	9.7E-16		8.7E-15

Table H-667 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethene			1.3E-15	1.7E-16		1.5E-15
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			6.4E-09	1.6E-16		6.4E-09
Trichlorofluoromethane						
Vinyl chloride			5.6E-10	1.2E-13		5.6E-10
Grand Total	3.6E-06	3.3E-06	1.6E-07	1.1E-08	1.6E-09	7.1E-06

Table H-668 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			4.2E-05	5.2E-06		4.7E-05
Aldehydes						
Acetaldehyde			1.6E-04	2.0E-05		1.8E-04
Formaldehyde			6.3E-05	7.9E-06		7.1E-05
Propionaldehyde			2.0E-05	2.5E-06	2.1E-12	2.2E-05
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-668 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	7.9E-08	3.1E-07	1.3E-06	1.6E-07	1.8E-10	1.8E-06
2,3,7,8-TCDF						
OCDD						
OCDF						
HCN						
Hydrogen cyanide			2.0E-04	2.5E-05		2.2E-04
Metals						
Aluminum		9.4E-03			9.2E-05	9.5E-03
Antimony		1.1E-03				1.1E-03
Arsenic	6.5E-04	1.5E-03	4.0E-05	4.9E-06	2.5E-06	2.2E-03
Barium		2.2E-08	2.5E-04	3.1E-05	4.3E-10	2.8E-04
Beryllium		5.2E-13	2.1E-06	2.7E-07	2.6E-15	2.4E-06
Cadmium		8.2E-13	7.6E-05	9.5E-06	4.0E-15	8.5E-05
Chromium		6.4E-11				6.4E-11
Cobalt		6.0E-02	1.6E-03	2.0E-04	1.5E-04	6.2E-02
Copper		1.1E-08				1.1E-08
Iron		2.5E-02				2.5E-02
Lead						
Manganese						
Mercury (+2)		2.1E-10	7.8E-08	9.8E-09	1.0E-14	8.8E-08

Table H-668 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Mercury, elemental			3.3E-10	4.1E-11	1.4E-04	1.4E-04
Methyl Mercury		3.8E-11				3.8E-11
Nickel		2.0E-02	3.9E-05	4.8E-06	2.2E-04	2.0E-02
Phosphorus		3.7E-10				3.7E-10
Selenium		8.1E-15	8.7E-09	1.1E-09	9.9E-20	9.8E-09
Silver		1.7E-10				1.7E-10
Titanium						
Zinc		6.1E-13				6.1E-13
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.4E-15	3.1E-15				6.5E-15
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	5.8E-14	5.2E-14				1.1E-13
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						
Benzo(e)pyrene						

Table H-668 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						
Biphenyl		6.7E-15	2.8E-04	3.5E-05	4.9E-12	3.1E-04
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	1.7E-12	1.5E-12				3.2E-12
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene	9.4E-06	8.5E-06	5.0E-05	6.2E-06	8.2E-05	1.6E-04
Perylene						
Phenanthrene						
Pyrene	9.3E-12	8.5E-12				1.8E-11
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	1.4E-11	1.2E-11				2.6E-11
Heptachlorobiphenyl	5.8E-12	4.9E-12	9.8E-10	1.2E-10	3.8E-15	1.1E-09
Hexachlorobiphenyl	2.6E-11	2.2E-11	4.1E-06	5.1E-07	1.7E-11	4.6E-06
Monochlorobiphenyl	9.8E-11	8.3E-11				1.8E-10
Nonachlorobiphenyl	1.0E-12	8.6E-13				1.9E-12
Octachlorobiphenyl	1.9E-12	1.6E-12				3.5E-12

Table H-668 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Pentachlorobiphenyl	9.4E-11	8.0E-11	4.6E-05	5.7E-06	2.0E-10	5.1E-05
Tetrachlorobiphenyl	5.4E-12	4.5E-12	2.3E-07	2.9E-08	2.3E-13	2.6E-07
Trichlorobiphenyl	6.5E-12	5.5E-12				1.2E-11
Pesticides						
DDE						
Dieldrin	1.2E-03	1.5E-03				2.7E-03
SVOCs						
1,2,4-trichlorobenzene			1.3E-07	1.7E-08		1.5E-07
1,2-dichlorobenzene			5.4E-10	6.8E-11		6.1E-10
1,3-Butadiene			1.4E-02			1.4E-02
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.9E-09	2.4E-10		2.1E-09
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			9.3E-08	1.2E-08		1.0E-07
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-10	4.0E-10				7.4E-10
Butyl benzyl phthalate	1.6E-14	1.9E-14				3.6E-14

Table H-668 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbazole						
Dibenzofuran	1.4E-13	5.7E-13				7.1E-13
Dimethyl phthalate						
Di-n-butyl phthalate	3.3E-14	3.9E-14				7.1E-14
Di-n-octyl phthalate	9.4E-13	1.1E-12				2.1E-12
Hexachlorobutadiene						
Isopropanol			1.6E-02			1.6E-02
Phenol			1.5E-06	1.9E-07		1.7E-06
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			2.7E-11	3.3E-12		3.0E-11
1,1-Dichloroethene			1.3E-10	1.6E-11		1.5E-10
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.6E-07	4.5E-08		4.1E-07
1,2,4-Trimethylbenzene			8.9E-07	1.1E-07		1.0E-06
1,2-Dibromoethane			7.7E-09	9.6E-10		8.6E-09
1,2-Dichloroethane			4.0E-07	1.4E-04		1.4E-04
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone			6.6E-09	8.3E-10		7.4E-09

Table H-668 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
2-Chlorotoluene						
2-Hexanone			2.3E-07	2.8E-08		2.5E-07
Benzene			3.7E-03	3.2E-04		4.0E-03
Bromobenzene			6.2E-07	7.8E-08		7.0E-07
Bromochloromethane			2.2E-09	2.8E-10		2.5E-09
Bromodichloromethane						
Bromomethane			7.6E-07	9.5E-08		8.6E-07
Carbon disulfide			4.8E-09	6.0E-10		5.4E-09
Carbon tetrachloride			1.4E-03	1.5E-04		1.5E-03
Chlorobenzene			9.6E-08	1.2E-08		1.1E-07
Chlorodibromomethane						
Chloroethane			9.1E-10	1.1E-10		1.0E-09
Chloroform			3.3E-04	2.4E-05		3.5E-04
Chloromethane			3.4E-07	4.3E-08		3.9E-07
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			5.1E-08	6.4E-09		5.7E-08
Dichlorodifluoromethane			2.5E-09	3.1E-10		2.8E-09
Ethylbenzene			5.3E-05	2.4E-08		5.3E-05
Isopropylbenzene			3.9E-08	4.9E-09		4.4E-08
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.2E-10	1.5E-11		1.3E-10
Methylene chloride			3.0E-08	3.8E-09		3.4E-08

Table H-668 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene			9.4E-09	1.2E-09		1.1E-08
o-Xylene			2.3E-07	2.9E-08		2.6E-07
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			5.1E-07	6.4E-08		5.7E-07
tert-Butylbenzene						
Tetrachloroethene			3.0E-09	3.8E-10		3.4E-09
Toluene			6.3E-08	7.9E-09		7.1E-08
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			1.8E-02	4.5E-10		1.8E-02
Trichlorofluoromethane						
Vinyl chloride			3.0E-05	6.2E-09		3.0E-05
Grand Total	1.9E-03	1.2E-01	5.6E-02	1.0E-03	6.9E-04	1.8E-01

Table H-669 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.4E-10	3.2E-10	1.7E-11	1.7E-11			4.9E-10
Formaldehyde						3.4E-10	7.9E-10	4.3E-11	4.3E-11			1.2E-09
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	6.9E-17	6.9E-14	9.7E-14	2.7E-13	7.6E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	3.9E-18	2.4E-17	5.0E-11
1,2,3,4,6,7,8-HpCDF	6.7E-17	7.0E-14	9.8E-14	2.8E-13	7.7E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	4.0E-18	2.4E-17	5.1E-11
1,2,3,4,7,8,9-HpCDF	1.0E-17	8.0E-15	1.1E-14	3.2E-14	8.9E-14	1.8E-12	4.1E-12	2.2E-13	2.2E-13	4.5E-19	2.8E-18	6.4E-12
1,2,3,4,7,8-HxCDD	7.8E-16	7.9E-14	1.1E-13	3.1E-13	8.7E-13	1.7E-11	3.8E-11	2.1E-12	2.1E-12	4.4E-18	2.7E-17	6.0E-11
1,2,3,4,7,8-HxCDF	5.3E-15	6.2E-13	8.7E-13	2.5E-12	6.9E-12	1.3E-10	3.1E-10	1.7E-11	1.7E-11	3.5E-17	2.2E-16	4.9E-10
1,2,3,6,7,8-HxCDD	1.5E-15	1.6E-13	2.2E-13	6.3E-13	1.8E-12	3.5E-11	8.0E-11	4.4E-12	4.4E-12	9.1E-18	5.6E-17	1.3E-10
1,2,3,6,7,8-HxCDF	2.0E-15	2.0E-13	2.9E-13	8.1E-13	2.3E-12	4.4E-11	1.0E-10	5.5E-12	5.5E-12	1.2E-17	7.1E-17	1.6E-10
1,2,3,7,8,9-HxCDD	2.2E-15	2.5E-13	3.5E-13	1.0E-12	2.8E-12	5.3E-11	1.2E-10	6.6E-12	6.6E-12	1.4E-17	8.8E-17	1.9E-10
1,2,3,7,8,9-HxCDF	1.6E-16	1.5E-14	2.0E-14	5.8E-14	1.6E-13	3.4E-12	7.7E-12	4.2E-13	4.2E-13	8.2E-19	5.1E-18	1.2E-11
1,2,3,7,8-PeCDD	4.1E-14	8.9E-13	1.2E-12	3.5E-12	9.8E-12	2.1E-10	4.9E-10	2.6E-11	2.6E-11	5.0E-17	3.1E-16	7.7E-10
1,2,3,7,8-PeCDF	2.9E-15	5.2E-14	7.3E-14	2.1E-13	5.8E-13	1.5E-11	3.5E-11	1.9E-12	1.9E-12	2.9E-18	1.8E-17	5.4E-11
2,3,4,6,7,8-HxCDF	2.8E-15	3.2E-13	4.5E-13	1.3E-12	3.5E-12	6.8E-11	1.6E-10	8.5E-12	8.5E-12	1.8E-17	1.1E-16	2.5E-10
2,3,4,7,8-PeCDF	4.5E-14	1.2E-12	1.7E-12	4.9E-12	1.4E-11	3.4E-10	7.8E-10	4.2E-11	4.2E-11	7.1E-17	4.3E-16	1.2E-09
2,3,7,8-TCDD	1.4E-14	1.8E-13	2.5E-13	7.1E-13	2.0E-12	8.4E-11	1.9E-10	1.1E-11	1.1E-11	7.1E-15	4.3E-14	3.0E-10
2,3,7,8-TCDF	4.5E-15	3.3E-14	4.6E-14	1.3E-13	3.6E-13	3.1E-11	7.2E-11	3.9E-12	3.9E-12	1.9E-18	1.1E-17	1.1E-10
OCDD	9.2E-21	4.7E-16	6.6E-16	1.8E-15	5.2E-15	9.2E-14	2.1E-13	1.1E-14	1.1E-14	2.6E-20	1.6E-19	3.3E-13
OCDF	3.4E-21	1.8E-16	2.5E-16	7.1E-16	2.0E-15	3.4E-14	7.9E-14	4.3E-15	4.3E-15	1.0E-20	6.3E-20	1.3E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-669 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	5.2E-17	1.3E-08	1.5E-08	3.0E-08	7.0E-08	1.1E-10	2.5E-10	1.4E-11	1.4E-11	7.0E-12	3.6E-11	1.3E-07
Barium												
Beryllium						4.4E-12	1.0E-11	5.5E-13	5.5E-13	5.3E-21	3.2E-20	1.6E-11
Cadmium						5.8E-11	1.3E-10	7.3E-12	7.3E-12	3.1E-21	1.9E-20	2.1E-10
Chromium												
Cobalt						3.8E-09	8.8E-09	4.7E-10	4.7E-10	3.4E-10	1.5E-09	1.5E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.9E-11	8.9E-11	4.8E-12	4.8E-12	2.2E-10	8.5E-10	1.2E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.0E-19	4.1E-19	2.7E-19	7.5E-19							1.7E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.9E-13	2.8E-07	1.6E-08	2.5E-07	2.9E-08	1.4E-11	3.3E-11	1.8E-12	1.8E-12	5.8E-10	3.6E-09	5.8E-07
Benzo(a)pyrene	9.6E-13	2.4E-06	1.8E-07	2.1E-06	3.2E-07	5.5E-11	1.3E-10	6.9E-12	6.9E-12	1.6E-11	5.2E-12	5.0E-06
Benzo(b)fluoranthene	2.6E-14	3.8E-07	2.5E-08	3.5E-07	4.5E-08	6.2E-12	1.4E-11	7.7E-13	7.7E-13	2.6E-12	7.3E-13	8.0E-07
Benzo(e)pyrene												

Table H-669 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	2.1E-17	2.1E-08	1.2E-09	1.9E-08	2.3E-09	5.5E-14	1.3E-13	6.9E-15	6.9E-15	1.4E-12	3.7E-13	4.3E-08
Biphenyl				1.1E-18	3.2E-18							4.3E-18
Chrysene	3.3E-16	2.9E-09	1.8E-10	2.7E-09	3.3E-10	2.4E-12	5.6E-12	3.0E-13	3.0E-13	2.0E-13	5.3E-14	6.1E-09
Dibenze(a,h)anthracene	4.9E-14	4.6E-07	4.4E-08	4.2E-07	7.9E-08	9.5E-12	2.2E-11	1.2E-12	1.2E-12	3.3E-12	1.4E-12	1.0E-06
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.2E-14	6.0E-08	1.1E-08	5.5E-08	2.1E-08	2.9E-12	6.7E-12	3.6E-13	3.6E-13	4.1E-13	3.4E-13	1.5E-07
Napthalene						2.2E-10	5.0E-10	2.7E-11	2.7E-11	3.6E-10	2.2E-09	3.3E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.8E-17	1.7E-18	2.4E-18	1.5E-18	4.1E-18	8.0E-14	1.8E-13	9.9E-15	9.9E-15	3.9E-20	2.4E-19	2.8E-13
Heptachlorobiphenyl	2.0E-17	5.7E-18	8.0E-18	4.8E-18	1.4E-17	3.1E-14	7.2E-14	3.9E-15	3.9E-15	7.0E-20	4.3E-19	1.1E-13
Hexachlorobiphenyl	8.0E-17	2.6E-17	3.6E-17	2.2E-17	6.1E-17	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.2E-19	1.9E-18	4.6E-13
Monochlorobiphenyl	1.3E-16	1.2E-17	1.7E-17	1.0E-17	2.8E-17	5.5E-13	1.3E-12	6.9E-14	6.9E-14	2.7E-19	1.7E-18	2.0E-12
Nonachlorobiphenyl	2.5E-18	1.0E-18	1.4E-18	8.5E-19	2.4E-18	4.4E-15	1.0E-14	5.5E-16	5.5E-16	1.2E-20	7.6E-20	1.6E-14
Octachlorobiphenyl	5.8E-18	1.9E-18	2.6E-18	1.6E-18	4.4E-18	9.5E-15	2.2E-14	1.2E-15	1.2E-15	2.3E-20	1.4E-19	3.4E-14
Pentachlorobiphenyl	2.6E-16	9.3E-17	1.3E-16	7.9E-17	2.2E-16	4.5E-13	1.0E-12	5.6E-14	5.6E-14	1.1E-18	7.0E-18	1.6E-12
Tetrachlorobiphenyl	5.4E-18	6.6E-19	9.2E-19	5.6E-19	1.6E-18	2.6E-14	6.0E-14	3.2E-15	3.2E-15	1.5E-20	9.2E-20	9.2E-14
Trichlorobiphenyl	7.1E-18	7.9E-19	1.1E-18	6.7E-19	1.9E-18	3.3E-14	7.6E-14	4.1E-15	4.1E-15	1.8E-20	1.1E-19	1.2E-13
Pesticides												
DDE				9.4E-09	3.2E-09					8.5E-11	5.2E-10	1.3E-08
Dieldrin		4.2E-08	6.8E-09	5.0E-08	1.6E-08					7.0E-13	5.0E-13	1.2E-07
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene							3.5E-08					3.5E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	2.1E-20						7.2E-13	1.7E-12	8.9E-14	8.9E-14		2.5E-12

Table H-669 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.9E-16	4.0E-15	5.6E-15	4.8E-15	1.3E-14	2.0E-11	4.5E-11	2.4E-12	2.4E-12	4.0E-20	2.5E-19	7.0E-11
Butyl benzyl phthalate	1.4E-17	2.7E-19	3.7E-19	3.1E-19	8.8E-19							1.6E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	2.3E-17					4.2E-11	9.7E-11	5.2E-12	5.2E-12			1.5E-10
Isopropanol												
p-Chloroaniline			2.8E-09		6.6E-09							9.4E-09
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	3.0E-21					4.3E-14	9.9E-14	5.4E-15	5.4E-15			1.5E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.4E-18											1.4E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	3.2E-20					1.8E-12	4.1E-12	2.2E-13	2.2E-13			6.3E-12
1,2-Dichloroethane	4.5E-20					3.1E-12	4.9E-08	1.1E-09	1.1E-09			5.1E-08
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												

Table H-669 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorotoluene												
2-Hexanone												
Benzene	4.7E-18					3.7E-08	9.0E-08	3.2E-09	3.2E-09			1.3E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	8.3E-22					1.5E-13	5.4E-07	1.9E-14	1.9E-14			5.4E-07
Bromoform							7.2E-08					7.2E-08
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	4.0E-22					3.6E-08	1.0E-07	4.0E-09	4.0E-09			1.4E-07
Chlorobenzene												
Chlorodibromomethane	6.6E-20											6.6E-20
Chloroethane												
Chloroform	3.7E-21					3.2E-08	7.8E-07	2.4E-09	2.4E-09			8.2E-07
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	7.0E-19					5.6E-09	2.4E-08	2.6E-12	2.6E-12			2.9E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	2.2E-21					7.7E-15	1.8E-14	9.7E-16	9.7E-16			2.8E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.9E-23					1.3E-15	3.1E-15	1.7E-16	1.7E-16			4.8E-15
Toluene												
trans-1,2-Dichloroethene												

Table H-669 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,3-Dichloropropene												
Trichloroethene	1.3E-23					6.4E-09	7.9E-08	1.6E-16	1.6E-16			8.5E-08
Trichlorofluoromethane												
Vinyl chloride	1.5E-20					5.6E-10	2.2E-12	1.2E-13	1.2E-13			5.6E-10
Grand Total	1.4E-12	3.6E-06	3.0E-07	3.3E-06	5.9E-07	1.6E-07	1.7E-06	1.1E-08	1.1E-08	1.6E-09	8.7E-09	9.8E-06

Table H-670 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					6.3E-05	1.5E-04	7.9E-06	7.9E-06			2.2E-04
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				9.4E-03	2.0E-02					9.2E-05	4.2E-04	3.0E-02
Antimony	3.9E-14			1.1E-03	3.6E-03							4.7E-03

Table H-670 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	6.5E-04	7.7E-04	1.5E-03	3.6E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	2.5E-06	1.3E-05	6.7E-03
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				6.0E-02	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	1.5E-04	6.6E-04	1.9E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				2.5E-02	5.4E-02							7.8E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.4E-04	8.9E-04	1.0E-03
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.0E-02	3.5E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	2.2E-04	8.5E-04	5.7E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Thallium (Soluble Salts)					1.7E-02							1.7E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-670 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12	9.4E-06		8.5E-06		5.0E-05	1.1E-04	6.2E-06	6.2E-06	8.2E-05	5.0E-04	7.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
DDE												
Dieldrin		1.2E-03	2.0E-04	1.5E-03	4.7E-04							3.4E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.4E-02						1.4E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09

Table H-670 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.6E-02	1.1E-02					2.7E-02
p-Chloroaniline			8.2E-05		1.9E-04							2.8E-04
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	6.3E-03	1.4E-04	1.4E-04			6.5E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08

Table H-670 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					3.7E-03	9.0E-03	3.2E-04	3.2E-04			1.3E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromoform												
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.4E-03	3.9E-03	1.5E-04	1.5E-04			5.6E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					3.3E-04	8.1E-03	2.4E-05	2.4E-05			8.4E-03
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					5.3E-05	2.2E-04	2.4E-08	2.4E-08			2.7E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15

Table H-670 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					1.8E-02	2.2E-01	4.5E-10	4.5E-10			2.4E-01
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					3.0E-05	1.1E-07	6.2E-09	6.2E-09			3.0E-05
Grand Total	5.0E-09	1.9E-03	1.0E-03	1.2E-01	2.6E-01	5.6E-02	2.7E-01	1.0E-03	1.0E-03	6.9E-04	3.3E-03	7.1E-01

Table H-671 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.4E-10	3.2E-10	1.7E-11	1.7E-11			4.9E-10
Formaldehyde						3.4E-10	2.2E-05	4.3E-11	4.3E-11			2.2E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	6.9E-17	6.9E-14	9.7E-14	2.7E-13	7.6E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	3.9E-18	2.4E-17	5.0E-11
1,2,3,4,6,7,8-HpCDF	6.7E-17	7.0E-14	9.8E-14	2.8E-13	7.7E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	4.0E-18	2.4E-17	5.1E-11
1,2,3,4,7,8,9-HpCDF	1.0E-17	8.0E-15	1.1E-14	3.2E-14	8.9E-14	1.8E-12	4.1E-12	2.2E-13	2.2E-13	4.5E-19	2.8E-18	6.4E-12
1,2,3,4,7,8-HxCDD	7.8E-16	7.9E-14	1.1E-13	3.1E-13	8.7E-13	1.7E-11	3.8E-11	2.1E-12	2.1E-12	4.4E-18	2.7E-17	6.0E-11
1,2,3,4,7,8-HxCDF	5.3E-15	6.2E-13	8.7E-13	2.5E-12	6.9E-12	1.3E-10	3.1E-10	1.7E-11	1.7E-11	3.5E-17	2.2E-16	4.9E-10
1,2,3,6,7,8-HxCDD	1.5E-15	1.6E-13	2.2E-13	6.3E-13	1.8E-12	3.5E-11	8.0E-11	4.4E-12	4.4E-12	9.1E-18	5.6E-17	1.3E-10
1,2,3,6,7,8-HxCDF	2.0E-15	2.0E-13	2.9E-13	8.1E-13	2.3E-12	4.4E-11	1.0E-10	5.5E-12	5.5E-12	1.2E-17	7.1E-17	1.6E-10
1,2,3,7,8,9-HxCDD	2.2E-15	2.5E-13	3.5E-13	1.0E-12	2.8E-12	5.3E-11	1.2E-10	6.6E-12	6.6E-12	1.4E-17	8.8E-17	1.9E-10
1,2,3,7,8,9-HxCDF	1.6E-16	1.5E-14	2.0E-14	5.8E-14	1.6E-13	3.4E-12	7.7E-12	4.2E-13	4.2E-13	8.2E-19	5.1E-18	1.2E-11
1,2,3,7,8-PeCDD	4.1E-14	8.9E-13	1.2E-12	3.5E-12	9.8E-12	2.1E-10	4.9E-10	2.6E-11	2.6E-11	5.0E-17	3.1E-16	7.7E-10
1,2,3,7,8-PeCDF	2.9E-15	5.2E-14	7.3E-14	2.1E-13	5.8E-13	1.5E-11	3.5E-11	1.9E-12	1.9E-12	2.9E-18	1.8E-17	5.4E-11
2,3,4,6,7,8-HxCDF	2.8E-15	3.2E-13	4.5E-13	1.3E-12	3.5E-12	6.8E-11	1.6E-10	8.5E-12	8.5E-12	1.8E-17	1.1E-16	2.5E-10
2,3,4,7,8-PeCDF	4.5E-14	1.2E-12	1.7E-12	4.9E-12	1.4E-11	3.4E-10	7.8E-10	4.2E-11	4.2E-11	7.1E-17	4.3E-16	1.2E-09
2,3,7,8-TCDD	1.4E-14	1.8E-13	2.5E-13	7.1E-13	2.0E-12	8.4E-11	1.9E-10	1.1E-11	1.1E-11	7.1E-15	4.3E-14	3.0E-10
2,3,7,8-TCDF	4.5E-15	3.3E-14	4.6E-14	1.3E-13	3.6E-13	3.1E-11	7.2E-11	3.9E-12	3.9E-12	1.9E-18	1.1E-17	1.1E-10
OCDD	9.2E-21	4.7E-16	6.6E-16	1.8E-15	5.2E-15	9.2E-14	2.1E-13	1.1E-14	1.1E-14	2.6E-20	1.6E-19	3.3E-13
OCDF	3.4E-21	1.8E-16	2.5E-16	7.1E-16	2.0E-15	3.4E-14	7.9E-14	4.3E-15	4.3E-15	1.0E-20	6.3E-20	1.3E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-671 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	5.2E-17	1.3E-08	2.9E-08	3.0E-08	1.4E-07	1.1E-10	2.5E-10	1.4E-11	1.4E-11	7.0E-12	7.1E-11	2.1E-07
Barium												
Beryllium						4.4E-12	1.0E-11	5.5E-13	5.5E-13	5.3E-21	3.2E-20	1.6E-11
Cadmium						5.8E-11	1.3E-10	7.3E-12	7.3E-12	3.1E-21	1.9E-20	2.1E-10
Chromium												
Cobalt						3.8E-09	8.8E-09	4.7E-10	4.7E-10	3.4E-10	1.5E-09	1.5E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.9E-11	8.9E-11	4.8E-12	4.8E-12	2.2E-10	9.5E-10	1.3E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.0E-19	4.1E-19	2.7E-19	7.5E-19							1.7E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.9E-13	2.8E-07	7.9E-14	2.5E-07	1.4E-13	1.4E-11	3.3E-11	1.8E-12	1.8E-12	5.8E-10	3.6E-09	5.4E-07
Benzo(a)pyrene	9.6E-13	2.4E-06	3.6E-13	2.1E-06	6.6E-13	5.5E-11	1.3E-10	6.9E-12	6.9E-12	1.6E-11	1.1E-17	4.5E-06
Benzo(b)fluoranthene	2.6E-14	3.8E-07	2.1E-15	3.5E-07	3.8E-15	6.2E-12	1.4E-11	7.7E-13	7.7E-13	2.6E-12	6.2E-20	7.3E-07
Benzo(e)pyrene												

Table H-671 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	2.1E-17	2.1E-08	2.6E-16	1.9E-08	4.7E-16	5.5E-14	1.3E-13	6.9E-15	6.9E-15	1.4E-12	7.7E-20	3.9E-08
Biphenyl				1.1E-18	3.2E-18							4.3E-18
Chrysene	3.3E-16	2.9E-09	1.0E-15	2.7E-09	1.9E-15	2.4E-12	5.6E-12	3.0E-13	3.0E-13	2.0E-13	3.1E-19	5.6E-09
Dibenze(a,h)anthracene	4.9E-14	4.6E-07	1.3E-13	4.2E-07	2.4E-13	9.5E-12	2.2E-11	1.2E-12	1.2E-12	3.3E-12	4.2E-18	8.7E-07
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.2E-14	6.0E-08	3.6E-14	5.5E-08	6.6E-14	2.9E-12	6.7E-12	3.6E-13	3.6E-13	4.1E-13	1.1E-18	1.2E-07
Napthalene						2.2E-10	5.0E-10	2.7E-11	2.7E-11	3.6E-10	2.2E-09	3.3E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.8E-17	1.7E-18	2.4E-18	1.5E-18	4.1E-18	8.0E-14	1.8E-13	9.9E-15	9.9E-15	3.9E-20	2.4E-19	2.8E-13
Heptachlorobiphenyl	2.0E-17	5.7E-18	8.0E-18	4.8E-18	1.4E-17	3.1E-14	7.2E-14	3.9E-15	3.9E-15	7.0E-20	4.3E-19	1.1E-13
Hexachlorobiphenyl	8.0E-17	2.6E-17	3.6E-17	2.2E-17	6.1E-17	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.2E-19	1.9E-18	4.6E-13
Monochlorobiphenyl	1.3E-16	1.2E-17	1.7E-17	1.0E-17	2.8E-17	5.5E-13	1.3E-12	6.9E-14	6.9E-14	2.7E-19	1.7E-18	2.0E-12
Nonachlorobiphenyl	2.5E-18	1.0E-18	1.4E-18	8.5E-19	2.4E-18	4.4E-15	1.0E-14	5.5E-16	5.5E-16	1.2E-20	7.6E-20	1.6E-14
Octachlorobiphenyl	5.8E-18	1.9E-18	2.6E-18	1.6E-18	4.4E-18	9.5E-15	2.2E-14	1.2E-15	1.2E-15	2.3E-20	1.4E-19	3.4E-14
Pentachlorobiphenyl	2.6E-16	9.3E-17	1.3E-16	7.9E-17	2.2E-16	4.5E-13	1.0E-12	5.6E-14	5.6E-14	1.1E-18	7.0E-18	1.6E-12
Tetrachlorobiphenyl	5.4E-18	6.6E-19	9.2E-19	5.6E-19	1.6E-18	2.6E-14	6.0E-14	3.2E-15	3.2E-15	1.5E-20	9.2E-20	9.2E-14
Trichlorobiphenyl	7.1E-18	7.9E-19	1.1E-18	6.7E-19	1.9E-18	3.3E-14	7.6E-14	4.1E-15	4.1E-15	1.8E-20	1.1E-19	1.2E-13
Pesticides												
DDE				9.4E-09	1.1E-09					8.5E-11	5.2E-10	1.1E-08
Dieldrin		4.2E-08		5.0E-08						7.0E-13		9.2E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene						3.5E-08						3.5E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	2.1E-20					7.2E-13	1.7E-12	8.9E-14	8.9E-14			2.5E-12

Table H-671 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.9E-16	4.0E-15	5.6E-15	4.8E-15	1.3E-14	2.0E-11	4.5E-11	2.4E-12	2.4E-12	4.0E-20	2.5E-19	7.0E-11
Butyl benzyl phthalate	1.4E-17	2.7E-19	3.7E-19	3.1E-19	8.8E-19							1.6E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	2.3E-17					4.2E-11	9.7E-11	5.2E-12	5.2E-12			1.5E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	3.0E-21					4.3E-14	9.9E-14	5.4E-15	5.4E-15			1.5E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.4E-18											1.4E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	3.2E-20					1.8E-12	4.1E-12	2.2E-13	2.2E-13			6.3E-12
1,2-Dichloroethane	4.5E-20					3.1E-12	7.1E-12	1.1E-09	1.1E-09			2.2E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												

Table H-671 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone												
Benzene	4.7E-18					3.7E-08	6.7E-10	3.2E-09	3.2E-09			4.4E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	8.3E-22					1.5E-13	3.5E-13	1.9E-14	1.9E-14			5.4E-13
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	4.0E-22					3.6E-08	1.3E-13	4.0E-09	4.0E-09			4.4E-08
Chlorobenzene												
Chlorodibromomethane	6.6E-20											6.6E-20
Chloroethane												
Chloroform	3.7E-21					3.2E-08	4.5E-12	2.4E-09	2.4E-09			3.6E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	7.0E-19					5.6E-09	4.8E-11	2.6E-12	2.6E-12			5.7E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	2.2E-21					7.7E-15	1.8E-14	9.7E-16	9.7E-16			2.8E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.9E-23					1.3E-15	3.1E-15	1.7E-16	1.7E-16			4.8E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.3E-23					6.4E-09	2.9E-15	1.6E-16	1.6E-16			6.4E-09

Table H-671 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane												
Vinyl chloride	1.5E-20					5.6E-10	2.2E-12	1.2E-13	1.2E-13			5.6E-10
Grand Total	1.4E-12	3.6E-06	2.9E-08	3.3E-06	1.4E-07	1.6E-07	2.2E-05	1.1E-08	1.1E-08	1.6E-09	8.9E-09	2.9E-05

Table H-672 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					6.3E-05	4.0E+00	7.9E-06	7.9E-06			4.0E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				9.4E-03	2.4E-02					9.2E-05	5.1E-04	3.4E-02
Antimony	3.9E-14			1.1E-03	1.2E-03							2.3E-03

Table H-672 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	6.5E-04	1.5E-03	1.5E-03	7.2E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	2.5E-06	2.6E-05	1.1E-02
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				6.0E-02	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	1.5E-04	6.7E-04	1.9E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				2.5E-02	5.7E-02							8.1E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.4E-04	8.9E-04	1.0E-03
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.0E-02	4.0E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	2.2E-04	9.5E-04	6.1E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Thallium (Soluble Salts)					1.4E-02							1.4E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-672 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12	9.4E-06		8.5E-06		5.0E-05	1.1E-04	6.2E-06	6.2E-06	8.2E-05	5.0E-04	7.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
DDE												
Dieldrin		1.2E-03		1.5E-03								2.7E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.4E-02						1.4E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09

Table H-672 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.6E-02						1.6E-02
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	9.1E-07	1.4E-04	1.4E-04			2.9E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												

Table H-672 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					3.7E-03	6.7E-05	3.2E-04	3.2E-04			4.4E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.4E-03	5.0E-09	1.5E-04	1.5E-04			1.7E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					3.3E-04	4.6E-08	2.4E-05	2.4E-05			3.8E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					5.3E-05	4.5E-07	2.4E-08	2.4E-08			5.3E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					1.8E-02	8.4E-09	4.5E-10	4.5E-10			1.8E-02

Table H-672 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					3.0E-05	1.1E-07	6.2E-09	6.2E-09			3.0E-05
Grand Total	5.0E-09	1.9E-03	1.5E-03	1.2E-01	2.7E-01	5.6E-02	4.0E+00	1.0E-03	1.0E-03	6.9E-04	3.6E-03	4.5E+00

Table H-673 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.4E-10	3.2E-10	1.7E-11	1.7E-11			4.9E-10
Formaldehyde						3.4E-10	1.5E-05	4.3E-11	4.3E-11			1.5E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	6.9E-17	6.9E-14	9.7E-14	2.7E-13	7.6E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	3.9E-18	2.4E-17	5.0E-11
1,2,3,4,6,7,8-HpCDF	6.7E-17	7.0E-14	9.8E-14	2.8E-13	7.7E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	4.0E-18	2.4E-17	5.1E-11
1,2,3,4,7,8,9-HpCDF	1.0E-17	8.0E-15	1.1E-14	3.2E-14	8.9E-14	1.8E-12	4.1E-12	2.2E-13	2.2E-13	4.5E-19	2.8E-18	6.4E-12
1,2,3,4,7,8-HxCDD	7.8E-16	7.9E-14	1.1E-13	3.1E-13	8.7E-13	1.7E-11	3.8E-11	2.1E-12	2.1E-12	4.4E-18	2.7E-17	6.0E-11
1,2,3,4,7,8-HxCDF	5.3E-15	6.2E-13	8.7E-13	2.5E-12	6.9E-12	1.3E-10	3.1E-10	1.7E-11	1.7E-11	3.5E-17	2.2E-16	4.9E-10
1,2,3,6,7,8-HxCDD	1.5E-15	1.6E-13	2.2E-13	6.3E-13	1.8E-12	3.5E-11	8.0E-11	4.4E-12	4.4E-12	9.1E-18	5.6E-17	1.3E-10
1,2,3,6,7,8-HxCDF	2.0E-15	2.0E-13	2.9E-13	8.1E-13	2.3E-12	4.4E-11	1.0E-10	5.5E-12	5.5E-12	1.2E-17	7.1E-17	1.6E-10
1,2,3,7,8,9-HxCDD	2.2E-15	2.5E-13	3.5E-13	1.0E-12	2.8E-12	5.3E-11	1.2E-10	6.6E-12	6.6E-12	1.4E-17	8.8E-17	1.9E-10
1,2,3,7,8,9-HxCDF	1.6E-16	1.5E-14	2.0E-14	5.8E-14	1.6E-13	3.4E-12	7.7E-12	4.2E-13	4.2E-13	8.2E-19	5.1E-18	1.2E-11
1,2,3,7,8-PeCDD	4.1E-14	8.9E-13	1.2E-12	3.5E-12	9.8E-12	2.1E-10	4.9E-10	2.6E-11	2.6E-11	5.0E-17	3.1E-16	7.7E-10
1,2,3,7,8-PeCDF	2.9E-15	5.2E-14	7.3E-14	2.1E-13	5.8E-13	1.5E-11	3.5E-11	1.9E-12	1.9E-12	2.9E-18	1.8E-17	5.4E-11
2,3,4,6,7,8-HxCDF	2.8E-15	3.2E-13	4.5E-13	1.3E-12	3.5E-12	6.8E-11	1.6E-10	8.5E-12	8.5E-12	1.8E-17	1.1E-16	2.5E-10
2,3,4,7,8-PeCDF	4.5E-14	1.2E-12	1.7E-12	4.9E-12	1.4E-11	3.4E-10	7.8E-10	4.2E-11	4.2E-11	7.1E-17	4.3E-16	1.2E-09
2,3,7,8-TCDD	1.4E-14	1.8E-13	2.5E-13	7.1E-13	2.0E-12	8.4E-11	1.9E-10	1.1E-11	1.1E-11	7.1E-15	4.3E-14	3.0E-10
2,3,7,8-TCDF	4.5E-15	3.3E-14	4.6E-14	1.3E-13	3.6E-13	3.1E-11	7.2E-11	3.9E-12	3.9E-12	1.9E-18	1.1E-17	1.1E-10
OCDD	9.2E-21	4.7E-16	6.6E-16	1.8E-15	5.2E-15	9.2E-14	2.1E-13	1.1E-14	1.1E-14	2.6E-20	1.6E-19	3.3E-13
OCDF	3.4E-21	1.8E-16	2.5E-16	7.1E-16	2.0E-15	3.4E-14	7.9E-14	4.3E-15	4.3E-15	1.0E-20	6.3E-20	1.3E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-673 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	5.2E-17	1.3E-08	1.2E-08	3.0E-08	5.5E-08	1.1E-10	2.5E-10	1.4E-11	1.4E-11	7.0E-12	2.9E-11	1.1E-07
Barium												
Beryllium						4.4E-12	1.0E-11	5.5E-13	5.5E-13	5.3E-21	3.2E-20	1.6E-11
Cadmium						5.8E-11	1.3E-10	7.3E-12	7.3E-12	3.1E-21	1.9E-20	2.1E-10
Chromium												
Cobalt						3.8E-09	8.8E-09	4.7E-10	4.7E-10	3.4E-10	2.6E-09	1.6E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.9E-11	8.9E-11	4.8E-12	4.8E-12	2.2E-10	1.6E-09	1.9E-09
Phosphorus												
Selenium												
Silver												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.0E-19	4.1E-19	2.7E-19	7.5E-19							1.7E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.9E-13	2.8E-07	7.9E-14	2.5E-07	1.4E-13	1.4E-11	3.3E-11	1.8E-12	1.8E-12	5.8E-10	3.6E-09	5.4E-07
Benzo(a)pyrene	9.6E-13	2.4E-06	4.1E-08	2.1E-06	7.5E-08	5.5E-11	1.3E-10	6.9E-12	6.9E-12	1.6E-11	1.2E-12	4.6E-06
Benzo(b)fluoranthene	2.6E-14	3.8E-07	3.7E-09	3.5E-07	6.8E-09	6.2E-12	1.4E-11	7.7E-13	7.7E-13	2.6E-12	1.1E-13	7.4E-07
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-673 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene	2.1E-17	2.1E-08	2.6E-16	1.9E-08	4.7E-16	5.5E-14	1.3E-13	6.9E-15	6.9E-15	1.4E-12	7.7E-20	3.9E-08
Biphenyl				1.1E-18	3.2E-18							4.3E-18
Chrysene	3.3E-16	2.9E-09	1.0E-15	2.7E-09	1.9E-15	2.4E-12	5.6E-12	3.0E-13	3.0E-13	2.0E-13	3.1E-19	5.6E-09
Dibenze(a,h)anthracene	4.9E-14	4.6E-07	1.3E-13	4.2E-07	2.4E-13	9.5E-12	2.2E-11	1.2E-12	1.2E-12	3.3E-12	4.2E-18	8.7E-07
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.2E-14	6.0E-08	3.6E-14	5.5E-08	6.6E-14	2.9E-12	6.7E-12	3.6E-13	3.6E-13	4.1E-13	1.1E-18	1.2E-07
Napthalene						2.2E-10	5.0E-10	2.7E-11	2.7E-11	3.6E-10	2.2E-09	3.3E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.8E-17	1.7E-18	2.4E-18	1.5E-18	4.1E-18	8.0E-14	1.8E-13	9.9E-15	9.9E-15	3.9E-20	2.4E-19	2.8E-13
Heptachlorobiphenyl	2.0E-17	5.7E-18	8.0E-18	4.8E-18	1.4E-17	3.1E-14	7.2E-14	3.9E-15	3.9E-15	7.0E-20	4.3E-19	1.1E-13
Hexachlorobiphenyl	8.0E-17	2.6E-17	3.6E-17	2.2E-17	6.1E-17	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.2E-19	1.9E-18	4.6E-13
Monochlorobiphenyl	1.3E-16	1.2E-17	1.7E-17	1.0E-17	2.8E-17	5.5E-13	1.3E-12	6.9E-14	6.9E-14	2.7E-19	1.7E-18	2.0E-12
Nonachlorobiphenyl	2.5E-18	1.0E-18	1.4E-18	8.5E-19	2.4E-18	4.4E-15	1.0E-14	5.5E-16	5.5E-16	1.2E-20	7.6E-20	1.6E-14
Octachlorobiphenyl	5.8E-18	1.9E-18	2.6E-18	1.6E-18	4.4E-18	9.5E-15	2.2E-14	1.2E-15	1.2E-15	2.3E-20	1.4E-19	3.4E-14
Pentachlorobiphenyl	2.6E-16	9.3E-17	1.3E-16	7.9E-17	2.2E-16	4.5E-13	1.0E-12	5.6E-14	5.6E-14	1.1E-18	7.0E-18	1.6E-12
Tetrachlorobiphenyl	5.4E-18	6.6E-19	9.2E-19	5.6E-19	1.6E-18	2.6E-14	6.0E-14	3.2E-15	3.2E-15	1.5E-20	9.2E-20	9.2E-14
Trichlorobiphenyl	7.1E-18	7.9E-19	1.1E-18	6.7E-19	1.9E-18	3.3E-14	7.6E-14	4.1E-15	4.1E-15	1.8E-20	1.1E-19	1.2E-13
Pesticides												
DDE				9.4E-09	4.0E-09					8.5E-11	5.2E-10	1.4E-08
Dieldrin		4.2E-08		5.0E-08						7.0E-13		9.2E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene							3.5E-08					3.5E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	2.1E-20						7.2E-13	1.7E-12	8.9E-14	8.9E-14		2.5E-12
2,4-Dimethylphenol												

Table H-673 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.9E-16	4.0E-15	5.6E-15	4.8E-15	1.3E-14	2.0E-11	4.5E-11	2.4E-12	2.4E-12	4.0E-20	2.5E-19	7.0E-11
Butyl benzyl phthalate	1.4E-17	2.7E-19	3.7E-19	3.1E-19	8.8E-19							1.6E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	2.3E-17					4.2E-11	9.7E-11	5.2E-12	5.2E-12			1.5E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	3.0E-21					4.3E-14	9.9E-14	5.4E-15	5.4E-15			1.5E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.4E-18											1.4E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	3.2E-20					1.8E-12	4.1E-12	2.2E-13	2.2E-13			6.3E-12
1,2-Dichloroethane	4.5E-20					3.1E-12	7.1E-12	1.1E-09	1.1E-09			2.2E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-673 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	4.7E-18					3.7E-08	6.7E-10	3.2E-09	3.2E-09			4.4E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	8.3E-22					1.5E-13	3.5E-13	1.9E-14	1.9E-14			5.4E-13
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	4.0E-22					3.6E-08	1.3E-13	4.0E-09	4.0E-09			4.4E-08
Chlorobenzene												
Chlorodibromomethane	6.6E-20											6.6E-20
Chloroethane												
Chloroform	3.7E-21					3.2E-08	4.5E-12	2.4E-09	2.4E-09			3.6E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	7.0E-19					5.6E-09	4.8E-11	2.6E-12	2.6E-12			5.7E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	2.2E-21					7.7E-15	1.8E-14	9.7E-16	9.7E-16			2.8E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.9E-23					1.3E-15	3.1E-15	1.7E-16	1.7E-16			4.8E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.3E-23					6.4E-09	2.9E-15	1.6E-16	1.6E-16			6.4E-09
Trichlorofluoromethane												

Table H-673 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.5E-20					5.6E-10	2.2E-12	1.2E-13	1.2E-13			5.6E-10
Grand Total	1.4E-12	3.6E-06	5.7E-08	3.3E-06	1.4E-07	1.6E-07	1.5E-05	1.1E-08	1.1E-08	1.6E-09	1.1E-08	2.2E-05

Table H-674 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					6.3E-05	2.7E+00	7.9E-06	7.9E-06			2.7E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				9.4E-03	1.9E-02					9.2E-05	4.1E-04	2.9E-02
Antimony	3.9E-14			1.1E-03	4.2E-04							1.5E-03

Table H-674 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	6.5E-04	6.1E-04	1.5E-03	2.9E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	2.5E-06	1.0E-05	5.8E-03
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				6.0E-02	2.1E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	1.5E-04	1.1E-03	2.8E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				2.5E-02	6.2E-02							8.6E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.4E-04	8.9E-04	1.0E-03
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.0E-02	6.6E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	2.2E-04	1.6E-03	8.8E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-674 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12	9.4E-06		8.5E-06		5.0E-05	1.1E-04	6.2E-06	6.2E-06	8.2E-05	5.0E-04	7.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
DDE												
Dieldrin		1.2E-03		1.5E-03								2.7E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.4E-02						1.4E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-674 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.6E-02						1.6E-02
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	9.1E-07	1.4E-04	1.4E-04			2.9E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07

Table H-674 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					3.7E-03	6.7E-05	3.2E-04	3.2E-04			4.4E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.4E-03	5.0E-09	1.5E-04	1.5E-04			1.7E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					3.3E-04	4.6E-08	2.4E-05	2.4E-05			3.8E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					5.3E-05	4.5E-07	2.4E-08	2.4E-08			5.3E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					1.8E-02	8.4E-09	4.5E-10	4.5E-10			1.8E-02
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-674 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					3.0E-05	1.1E-07	6.2E-09	6.2E-09			3.0E-05
Grand Total	5.0E-09	1.9E-03	6.1E-04	1.2E-01	3.6E-01	5.6E-02	2.8E+00	1.0E-03	1.0E-03	6.9E-04	4.5E-03	3.3E+00

Table H-675 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.4E-10	4.9E-09	1.7E-11	1.6E-09			6.7E-09
Formaldehyde						3.4E-10	1.1E-08	4.3E-11	3.8E-09			1.5E-08
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	6.9E-17	6.9E-14	1.3E-12	2.7E-13	1.0E-11	1.4E-11	5.5E-10	1.7E-12	1.8E-10	3.9E-18	3.2E-16	7.6E-10
1,2,3,4,6,7,8-HpCDF	6.7E-17	7.0E-14	1.3E-12	2.8E-13	1.0E-11	1.4E-11	5.5E-10	1.7E-12	1.8E-10	4.0E-18	3.2E-16	7.7E-10
1,2,3,4,7,8,9-HpCDF	1.0E-17	8.0E-15	1.6E-13	3.2E-14	1.2E-12	1.8E-12	7.2E-11	2.2E-13	2.4E-11	4.5E-19	3.9E-17	9.9E-11
1,2,3,4,7,8-HxCDD	7.8E-16	7.9E-14	1.5E-12	3.1E-13	1.2E-11	1.7E-11	6.7E-10	2.1E-12	2.2E-10	4.4E-18	3.8E-16	9.3E-10
1,2,3,4,7,8-HxCDF	5.3E-15	6.2E-13	1.2E-11	2.5E-12	9.5E-11	1.3E-10	5.4E-09	1.7E-11	1.8E-09	3.5E-17	3.0E-15	7.5E-09
1,2,3,6,7,8-HxCDD	1.5E-15	1.6E-13	3.1E-12	6.3E-13	2.4E-11	3.5E-11	1.4E-09	4.4E-12	4.7E-10	9.1E-18	7.7E-16	2.0E-09
1,2,3,6,7,8-HxCDF	2.0E-15	2.0E-13	4.0E-12	8.1E-13	3.1E-11	4.4E-11	1.8E-09	5.5E-12	5.9E-10	1.2E-17	9.9E-16	2.5E-09
1,2,3,7,8,9-HxCDD	2.2E-15	2.5E-13	4.9E-12	1.0E-12	3.8E-11	5.3E-11	2.1E-09	6.6E-12	7.1E-10	1.4E-17	1.2E-15	3.0E-09
1,2,3,7,8,9-HxCDF	1.6E-16	1.5E-14	2.9E-13	5.8E-14	2.3E-12	3.4E-12	1.4E-10	4.2E-13	4.6E-11	8.2E-19	7.1E-17	1.9E-10
1,2,3,7,8-PeCDD	4.1E-14	8.9E-13	1.7E-11	3.5E-12	1.4E-10	2.1E-10	8.6E-09	2.6E-11	2.9E-09	5.0E-17	4.3E-15	1.2E-08
1,2,3,7,8-PeCDF	2.9E-15	5.2E-14	1.0E-12	2.1E-13	8.1E-12	1.5E-11	6.1E-10	1.9E-12	2.0E-10	2.9E-18	2.6E-16	8.4E-10
2,3,4,6,7,8-HxCDF	2.8E-15	3.2E-13	6.0E-12	1.3E-12	4.7E-11	6.8E-11	2.7E-09	8.5E-12	9.0E-10	1.8E-17	1.5E-15	3.7E-09
2,3,4,7,8-PeCDF	4.5E-14	1.2E-12	2.5E-11	4.9E-12	1.9E-10	3.4E-10	1.4E-08	4.2E-11	4.6E-09	7.1E-17	6.1E-15	1.9E-08
2,3,7,8-TCDD	1.4E-14	1.8E-13	2.6E-12	7.1E-13	2.1E-11	8.4E-11	2.8E-09	1.1E-11	9.4E-10	7.1E-15	4.5E-13	3.9E-09
2,3,7,8-TCDF	4.5E-15	3.3E-14	6.6E-13	1.3E-13	5.2E-12	3.1E-11	1.3E-09	3.9E-12	4.3E-10	1.9E-18	1.6E-16	1.7E-09
OCDD	9.2E-21	4.7E-16	8.6E-15	1.8E-15	6.8E-14	9.2E-14	3.6E-12	1.1E-14	1.2E-12	2.6E-20	2.1E-18	5.0E-12
OCDF	3.4E-21	1.8E-16	3.2E-15	7.1E-16	2.6E-14	3.4E-14	1.3E-12	4.3E-15	4.5E-13	1.0E-20	8.1E-19	1.9E-12
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-675 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	5.2E-17	1.3E-08	3.1E-18	3.0E-08	1.5E-17	1.1E-10	3.9E-09	1.4E-11	1.3E-09	7.0E-12	7.6E-21	4.8E-08
Barium												
Beryllium						4.4E-12	1.5E-10	5.5E-13	5.0E-11	5.3E-21	4.4E-19	2.0E-10
Cadmium						5.8E-11	2.0E-09	7.3E-12	6.8E-10	3.1E-21	2.6E-19	2.8E-09
Chromium												
Cobalt						3.8E-09	6.9E-08	4.7E-10	2.3E-08	3.4E-10	3.6E-13	9.7E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.9E-11	1.3E-09	4.8E-12	4.4E-10	2.2E-10	1.9E-19	2.0E-09
Phosphorus												
Selenium												
Silver												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.0E-19	6.0E-18	2.7E-19	1.1E-17							1.8E-17
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.9E-13	2.8E-07	1.3E-12	2.5E-07	2.3E-12	1.4E-11	6.1E-10	1.8E-12	2.0E-10	5.8E-10	1.1E-14	5.4E-07
Benzo(a)pyrene	9.6E-13	2.4E-06	5.3E-12	2.1E-06	9.7E-12	5.5E-11	2.3E-09	6.9E-12	7.7E-10	1.6E-11	1.6E-16	4.5E-06
Benzo(b)fluoranthene	2.6E-14	3.8E-07	2.9E-14	3.5E-07	5.2E-14	6.2E-12	2.5E-10	7.7E-13	8.3E-11	2.6E-12	8.5E-19	7.3E-07
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-675 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Outdoor Vapors at CJ	Inhalation of Outdoor Vapors at Home	Grand Total
Benzo(k)fluoranthene	2.1E-17	2.1E-08	1.7E-15	1.9E-08	3.1E-15	5.5E-14	9.8E-13	6.9E-15	3.3E-13	1.4E-12	5.1E-19	3.9E-08
Biphenyl				1.1E-18	4.8E-17							4.9E-17
Chrysene	3.3E-16	2.9E-09	1.5E-14	2.7E-09	2.7E-14	2.4E-12	1.0E-10	3.0E-13	3.3E-11	2.0E-13	4.5E-18	5.8E-09
Dibenze(a,h)anthracene	4.9E-14	4.6E-07	1.9E-12	4.2E-07	3.4E-12	9.5E-12	3.9E-10	1.2E-12	1.3E-10	3.3E-12	6.0E-17	8.7E-07
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.2E-14	6.0E-08	5.2E-13	5.5E-08	9.5E-13	2.9E-12	1.2E-10	3.6E-13	4.0E-11	4.1E-13	1.5E-17	1.2E-07
Napthalene						2.2E-10	9.0E-09	2.7E-11	3.0E-09	3.6E-10		1.3E-08
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.8E-17	1.7E-18	3.4E-17	1.5E-18	5.8E-17	8.0E-14	3.3E-12	9.9E-15	1.1E-12	3.9E-20	3.4E-18	4.4E-12
Heptachlorobiphenyl	2.0E-17	5.7E-18	1.1E-16	4.8E-18	1.9E-16	3.1E-14	1.3E-12	3.9E-15	4.2E-13	7.0E-20	6.0E-18	1.7E-12
Hexachlorobiphenyl	8.0E-17	2.6E-17	4.6E-16	2.2E-17	7.9E-16	1.3E-13	5.1E-12	1.6E-14	1.7E-12	3.2E-19	2.5E-17	6.9E-12
Monochlorobiphenyl	1.3E-16	1.2E-17	2.4E-16	1.0E-17	4.1E-16	5.5E-13	2.3E-11	6.9E-14	7.6E-12	2.7E-19	2.4E-17	3.1E-11
Nonachlorobiphenyl	2.5E-18	1.0E-18	1.6E-17	8.5E-19	2.7E-17	4.4E-15	1.6E-13	5.5E-16	5.2E-14	1.2E-20	8.5E-19	2.1E-13
Octachlorobiphenyl	5.8E-18	1.9E-18	3.4E-17	1.6E-18	5.7E-17	9.5E-15	3.7E-13	1.2E-15	1.2E-13	2.3E-20	1.8E-18	5.1E-13
Pentachlorobiphenyl	2.6E-16	9.3E-17	1.6E-15	7.9E-17	2.7E-15	4.5E-13	1.7E-11	5.6E-14	5.6E-12	1.1E-18	8.6E-17	2.3E-11
Tetrachlorobiphenyl	5.4E-18	6.6E-19	1.1E-17	5.6E-19	1.9E-17	2.6E-14	9.7E-13	3.2E-15	3.2E-13	1.5E-20	1.1E-18	1.3E-12
Trichlorobiphenyl	7.1E-18	7.9E-19	1.4E-17	6.7E-19	2.4E-17	3.3E-14	1.3E-12	4.1E-15	4.2E-13	1.8E-20	1.4E-18	1.7E-12
Pesticides												
DDE				9.4E-09						8.5E-11		9.4E-09
Dieldrin		4.2E-08		5.0E-08						7.0E-13		9.2E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene							3.5E-08					3.5E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	2.1E-20						7.2E-13	3.2E-11	8.9E-14	1.1E-11		4.4E-11
2,4-Dimethylphenol												

Table H-675 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.9E-16	4.0E-15	7.2E-14	4.8E-15	1.7E-13	2.0E-11	7.6E-10	2.4E-12	2.5E-10	4.0E-20	3.2E-18	1.0E-09
Butyl benzyl phthalate	1.4E-17	2.7E-19	5.4E-18	3.1E-19	1.3E-17							3.3E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	2.3E-17					4.2E-11	7.5E-10	5.2E-12	2.5E-10			1.0E-09
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	3.0E-21					4.3E-14	1.4E-12	5.4E-15	4.8E-13			2.0E-12
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.4E-18											1.4E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	3.2E-20					1.8E-12	3.2E-11	2.2E-13	1.1E-11			4.4E-11
1,2-Dichloroethane	4.5E-20					3.1E-12	1.2E-10	1.1E-09	3.9E-11			1.3E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-675 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	4.7E-18					3.7E-08	1.1E-08	3.2E-09	3.8E-09			5.5E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	8.3E-22					1.5E-13	2.7E-12	1.9E-14	9.0E-13			3.8E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	4.0E-22					3.6E-08	1.0E-12	4.0E-09	3.3E-13			4.0E-08
Chlorobenzene												
Chlorodibromomethane	6.6E-20											6.6E-20
Chloroethane												
Chloroform	3.7E-21					3.2E-08	3.8E-11	2.4E-09	1.3E-11			3.4E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	7.0E-19					5.6E-09	7.9E-10	2.6E-12	2.6E-10			6.7E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	2.2E-21					7.7E-15	2.8E-13	9.7E-16	9.5E-14			3.9E-13
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.9E-23					1.3E-15	4.7E-14	1.7E-16	1.6E-14			6.4E-14
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.3E-23					6.4E-09	2.3E-14	1.6E-16	7.6E-15			6.4E-09
Trichlorofluoromethane												

Table H-675 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.5E-20					5.6E-10	2.3E-11	1.2E-13	7.6E-12			5.9E-10
Grand Total	1.4E-12	3.6E-06	9.0E-11	3.3E-06	6.5E-10	1.6E-07	1.6E-07	1.1E-08	5.4E-08	1.6E-09	8.4E-13	7.3E-06

Table H-676 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	1.5E-03	5.2E-06	5.0E-04			2.0E-03
Aldehydes												
Acetaldehyde						1.6E-04	5.8E-03	2.0E-05	1.9E-03			7.9E-03
Formaldehyde	2.3E-12					6.3E-05	2.1E-03	7.9E-06	6.9E-04			2.8E-03
Propionaldehyde						2.0E-05	7.2E-04	2.5E-06	2.4E-04	2.1E-12	1.5E-10	9.8E-04
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-06	3.1E-07	9.0E-06	1.3E-06	4.3E-05	1.6E-07	1.4E-05	1.8E-10	1.2E-08	7.0E-05
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	7.7E-03	2.5E-05	2.6E-03			1.1E-02
Metals												
Aluminum				9.4E-03						9.2E-05		9.5E-03
Antimony	3.9E-14			1.1E-03								1.1E-03

Table H-676 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	6.5E-04	1.6E-13	1.5E-03	7.6E-13	4.0E-05	1.4E-03	4.9E-06	4.7E-04	2.5E-06	2.7E-15	4.1E-03
Barium	1.4E-11			2.2E-08	7.5E-07	2.5E-04	6.8E-03	3.1E-05	2.3E-03	4.3E-10	3.2E-08	9.3E-03
Beryllium	1.7E-14			5.2E-13	2.0E-11	2.1E-06	7.3E-05	2.7E-07	2.4E-05	2.6E-15	2.1E-13	9.9E-05
Cadmium	8.3E-12			8.2E-13	3.1E-11	7.6E-05	2.6E-03	9.5E-06	8.8E-04	4.0E-15	3.4E-13	3.6E-03
Chromium	1.9E-15			6.4E-11	2.5E-09							2.6E-09
Cobalt				6.0E-02	4.7E-05	1.6E-03	3.0E-02	2.0E-04	9.9E-03	1.5E-04	2.6E-07	1.0E-01
Copper				1.1E-08	4.3E-07							4.4E-07
Iron				2.5E-02								2.5E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.6E-09	7.8E-08	2.8E-06	9.8E-09	9.2E-07	1.0E-14	7.1E-13	3.8E-06
Mercury, elemental						3.3E-10	1.2E-08	4.1E-11	3.8E-09	1.4E-04		1.4E-04
Methyl Mercury	1.3E-10			3.8E-11	1.5E-09							1.6E-09
Nickel	1.7E-13			2.0E-02	7.8E-12	3.9E-05	1.3E-03	4.8E-06	4.4E-04	2.2E-04	1.9E-13	2.2E-02
Phosphorus				3.7E-10	1.4E-08							1.4E-08
Selenium	5.5E-14			8.1E-15	3.1E-13	8.7E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-20	8.4E-18	4.2E-07
Silver	4.2E-14			1.7E-10	6.3E-09							6.5E-09
Titanium												
Zinc	1.4E-11			6.1E-13	2.2E-11							3.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	6.9E-14	3.1E-15	1.3E-13							2.0E-13
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	1.2E-12	5.2E-14	2.1E-12							3.4E-12
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-676 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	2.8E-13	2.8E-04	1.2E-02	3.5E-05	3.9E-03	4.9E-12	4.5E-10	1.6E-02
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	3.4E-11	1.5E-12	6.3E-11							1.1E-10
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12	9.4E-06		8.5E-06		5.0E-05	2.1E-03	6.2E-06	6.9E-04	8.2E-05		2.9E-03
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.9E-10	8.5E-12	3.5E-10							5.6E-10
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.8E-10	1.2E-11	4.7E-10							8.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	1.1E-10	4.9E-12	1.9E-10	9.8E-10	3.9E-08	1.2E-10	1.3E-08	3.8E-15	3.3E-13	5.4E-08
Hexachlorobiphenyl	4.7E-11	2.6E-11	4.7E-10	2.2E-11	8.0E-10	4.1E-06	1.6E-04	5.1E-07	5.3E-05	1.7E-11	1.4E-09	2.2E-04
Monochlorobiphenyl	6.1E-10	9.8E-11	2.0E-09	8.3E-11	3.3E-09							6.0E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.6E-11	8.6E-13	2.7E-11							4.6E-11
Octachlorobiphenyl	3.4E-12	1.9E-12	3.4E-11	1.6E-12	5.8E-11							9.9E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.6E-09	8.0E-11	2.7E-09	4.6E-05	1.7E-03	5.7E-06	5.7E-04	2.0E-10	1.5E-08	2.3E-03
Tetrachlorobiphenyl	2.6E-11	5.4E-12	9.1E-11	4.5E-12	1.5E-10	2.3E-07	8.7E-06	2.9E-08	2.9E-06	2.3E-13	1.7E-11	1.2E-05
Trichlorobiphenyl	3.4E-11	6.5E-12	1.2E-10	5.5E-12	2.0E-10							3.6E-10
Pesticides												
DDE												
Dieldrin		1.2E-03		1.5E-03								2.7E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	4.3E-06	1.7E-08	1.4E-06			5.9E-06
1,2-dichlorobenzene	3.1E-17					5.4E-10	9.7E-09	6.8E-11	3.2E-09			1.4E-08
1,3-Butadiene						1.4E-02						1.4E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	8.5E-08	2.4E-10	2.8E-08			1.2E-07
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-676 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	3.9E-06	1.2E-08	1.3E-06			5.3E-06
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	6.0E-09	4.0E-10	1.4E-08							2.1E-08
Butyl benzyl phthalate	8.8E-13	1.6E-14	3.3E-13	1.9E-14	7.9E-13							2.0E-12
Carbazole												
Dibenzofuran		1.4E-13	2.9E-12	5.7E-13	2.3E-11							2.6E-11
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	6.7E-13	3.9E-14	1.6E-12							1.9E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	8.7E-12	1.1E-12	2.1E-11							3.1E-11
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.6E-02						1.6E-02
Phenol	4.9E-13					1.5E-06	6.2E-05	1.9E-07	2.1E-05			8.5E-05
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	1.0E-09	3.3E-12	3.3E-10			1.4E-09
1,1-Dichloroethene	1.2E-19					1.3E-10	2.3E-09	1.6E-11	7.7E-10			3.2E-09
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	6.4E-06	4.5E-08	2.1E-06			9.0E-06
1,2,4-Trimethylbenzene						8.9E-07	2.8E-05	1.1E-07	9.4E-06			3.9E-05
1,2-Dibromoethane	4.1E-17					7.7E-09	1.4E-07	9.6E-10	4.6E-08			1.9E-07
1,2-Dichloroethane	1.9E-15					4.0E-07	1.5E-05	1.4E-04	5.0E-06			1.6E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	2.6E-07	8.3E-10	8.7E-08			3.6E-07
2-Chlorotoluene												
2-Hexanone						2.3E-07	8.2E-06	2.8E-08	2.7E-06			1.1E-05

Table H-676 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					3.7E-03	1.1E-03	3.2E-04	3.8E-04			5.5E-03
Bromobenzene						6.2E-07	1.1E-05	7.8E-08	3.7E-06			1.5E-05
Bromochloromethane						2.2E-09	3.9E-08	2.8E-10	1.3E-08			5.5E-08
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	2.3E-05	9.5E-08	7.6E-06			3.1E-05
Carbon disulfide	1.3E-17					4.8E-09	1.4E-07	6.0E-10	4.7E-08			1.9E-07
Carbon tetrachloride	3.4E-17					1.4E-03	3.9E-08	1.5E-04	1.3E-08			1.5E-03
Chlorobenzene	2.3E-15					9.6E-08	3.4E-06	1.2E-08	1.1E-06			4.7E-06
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	3.2E-08	1.1E-10	1.1E-08			4.3E-08
Chloroform	2.8E-16					3.3E-04	3.9E-07	2.4E-05	1.3E-07			3.5E-04
Chloromethane						3.4E-07	1.0E-05	4.3E-08	3.5E-06			1.4E-05
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	9.1E-07	6.4E-09	3.0E-07			1.3E-06
Dichlorodifluoromethane	2.4E-20					2.5E-09	4.4E-08	3.1E-10	1.5E-08			6.2E-08
Ethylbenzene	1.5E-14					5.3E-05	7.4E-06	2.4E-08	2.5E-06			6.2E-05
Isopropylbenzene	2.0E-17					3.9E-08	1.3E-06	4.9E-09	4.5E-07			1.8E-06
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.1E-09	1.5E-11	7.1E-10			3.0E-09
Methylene chloride	4.3E-15					3.0E-08	1.1E-06	3.8E-09	3.7E-07			1.5E-06
n-Butylbenzene												
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07			4.2E-07
o-Xylene	1.4E-15					2.3E-07	7.6E-06	2.9E-08	2.5E-06			1.0E-05
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.9E-05	6.4E-08	6.2E-06			2.5E-05
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	1.1E-07	3.8E-10	3.5E-08			1.4E-07
Toluene	2.0E-14					6.3E-08	2.5E-06	7.9E-09	8.3E-07			3.4E-06
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					1.8E-02	6.5E-08	4.5E-10	2.2E-08			1.8E-02
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-676 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					3.0E-05	1.2E-06	6.2E-09	4.0E-07			3.1E-05
Grand Total	5.0E-09	1.9E-03	1.1E-06	1.2E-01	5.8E-05	5.6E-02	7.7E-02	1.0E-03	2.6E-02	6.9E-04	3.2E-07	2.8E-01

Table H-677 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			1.4E-10	1.7E-11		1.5E-10
Formaldehyde			3.4E-10	4.3E-11		3.9E-10
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	6.9E-14	2.7E-13	1.4E-11	1.7E-12	3.9E-18	1.6E-11
1,2,3,4,6,7,8-HpCDF	7.0E-14	2.8E-13	1.4E-11	1.7E-12	4.0E-18	1.6E-11
1,2,3,4,7,8,9-HpCDF	8.0E-15	3.2E-14	1.8E-12	2.2E-13	4.5E-19	2.0E-12
1,2,3,4,7,8-HxCDD	7.9E-14	3.1E-13	1.7E-11	2.1E-12	4.4E-18	1.9E-11
1,2,3,4,7,8-HxCDF	6.2E-13	2.5E-12	1.3E-10	1.7E-11	3.5E-17	1.5E-10
1,2,3,6,7,8-HxCDD	1.6E-13	6.3E-13	3.5E-11	4.4E-12	9.1E-18	4.0E-11
1,2,3,6,7,8-HxCDF	2.0E-13	8.1E-13	4.4E-11	5.5E-12	1.2E-17	5.0E-11
1,2,3,7,8,9-HxCDD	2.5E-13	1.0E-12	5.3E-11	6.6E-12	1.4E-17	6.1E-11
1,2,3,7,8,9-HxCDF	1.5E-14	5.8E-14	3.4E-12	4.2E-13	8.2E-19	3.8E-12
1,2,3,7,8-PeCDD	8.9E-13	3.5E-12	2.1E-10	2.6E-11	5.0E-17	2.4E-10

Table H-677 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	5.2E-14	2.1E-13	1.5E-11	1.9E-12	2.9E-18	1.7E-11
2,3,4,6,7,8-HxCDF	3.2E-13	1.3E-12	6.8E-11	8.5E-12	1.8E-17	7.8E-11
2,3,4,7,8-PeCDF	1.2E-12	4.9E-12	3.4E-10	4.2E-11	7.1E-17	3.8E-10
2,3,7,8-TCDD	1.8E-13	7.1E-13	8.4E-11	1.1E-11	7.1E-15	9.6E-11
2,3,7,8-TCDF	3.3E-14	1.3E-13	3.1E-11	3.9E-12	1.9E-18	3.5E-11
OCDD	4.7E-16	1.8E-15	9.2E-14	1.1E-14	2.6E-20	1.1E-13
OCDF	1.8E-16	7.1E-16	3.4E-14	4.3E-15	1.0E-20	4.0E-14
HCN						
Hydrogen cyanide						
Metals						
Aluminum						
Antimony						
Arsenic	3.8E-08	9.1E-08	1.1E-10	1.4E-11	2.1E-11	1.3E-07
Barium						
Beryllium			4.4E-12	5.5E-13	5.3E-21	5.0E-12
Cadmium			5.8E-11	7.3E-12	3.1E-21	6.6E-11
Chromium						
Cobalt			3.8E-09	4.7E-10	5.9E-10	4.9E-09
Copper						
Iron						
Lead						
Manganese						
Mercury (+2)						

Table H-677 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental						
Methyl Mercury						
Nickel			3.9E-11	4.8E-12	3.2E-10	3.6E-10
Phosphorus						
Selenium						
Silver						
Thallium (Soluble Salts)						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.0E-19	2.7E-19				5.7E-19
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	2.8E-09	2.5E-09	1.4E-11	1.8E-12	5.8E-12	5.4E-09
Benzo(a)pyrene	2.6E-08	2.4E-08	5.5E-11	6.9E-12	1.8E-13	5.1E-08
Benzo(b)fluoranthene	4.1E-09	3.7E-09	6.2E-12	7.7E-13	2.8E-14	7.9E-09

Table H-677 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	2.2E-10	2.0E-10	5.5E-14	6.9E-15	1.5E-14	4.2E-10
Biphenyl		1.1E-18				1.1E-18
Chrysene	3.5E-11	3.2E-11	2.4E-12	3.0E-13	2.4E-15	7.0E-11
Dibenze(a,h)anthracene	6.2E-09	5.6E-09	9.5E-12	1.2E-12	4.5E-14	1.2E-08
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	1.8E-09	1.6E-09	2.9E-12	3.6E-13	1.2E-14	3.4E-09
Napthalene			2.2E-10	2.7E-11		2.4E-10
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	1.7E-18	1.5E-18	8.0E-14	9.9E-15	3.9E-20	8.9E-14
Heptachlorobiphenyl	5.7E-18	4.8E-18	3.1E-14	3.9E-15	7.0E-20	3.5E-14
Hexachlorobiphenyl	2.6E-17	2.2E-17	1.3E-13	1.6E-14	3.2E-19	1.5E-13
Monochlorobiphenyl	1.2E-17	1.0E-17	5.5E-13	6.9E-14	2.7E-19	6.2E-13
Nonachlorobiphenyl	1.0E-18	8.5E-19	4.4E-15	5.5E-16	1.2E-20	4.9E-15

Table H-677 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Octachlorobiphenyl	1.9E-18	1.6E-18	9.5E-15	1.2E-15	2.3E-20	1.1E-14
Pentachlorobiphenyl	9.3E-17	7.9E-17	4.5E-13	5.6E-14	1.1E-18	5.0E-13
Tetrachlorobiphenyl	6.6E-19	5.6E-19	2.6E-14	3.2E-15	1.5E-20	2.9E-14
Trichlorobiphenyl	7.9E-19	6.7E-19	3.3E-14	4.1E-15	1.8E-20	3.7E-14
Pesticides						
DDE		1.3E-09			1.2E-11	1.3E-09
Dieldrin	3.2E-10	3.8E-10			5.4E-15	7.0E-10
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-dichlorobenzene						
1,4-dichlorobenzene			7.2E-13	8.9E-14		8.1E-13
1,4-Dioxane			2.7E-08			2.7E-08
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	4.0E-15	4.8E-15	2.0E-11	2.4E-12	4.0E-20	2.2E-11

Table H-677 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Butyl benzyl phthalate	2.7E-19	3.1E-19				5.8E-19
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			4.2E-11	5.2E-12		4.7E-11
Isopropanol						
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			4.3E-14	5.4E-15		4.8E-14
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			1.8E-12	2.2E-13		2.0E-12
1,2-Dichloroethane			3.1E-12	1.1E-09		1.1E-09
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						

Table H-677 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
2-Butanone						
2-Chlorotoluene						
2-Hexanone						
Benzene			2.1E-08	3.2E-09		2.5E-08
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			1.5E-13	1.9E-14		1.7E-13
Bromomethane						
Carbon disulfide						
Carbon tetrachloride			3.3E-08	4.0E-09		3.7E-08
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			4.3E-08	2.4E-09		4.5E-08
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			3.9E-09	2.6E-12		3.9E-09
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						

Table H-677 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Methylene chloride			7.7E-15	9.7E-16		8.7E-15
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethene			1.3E-15	1.7E-16		1.5E-15
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			1.8E-09	1.6E-16		1.8E-09
Trichlorofluoromethane						
Vinyl chloride			2.6E-09	1.2E-13		2.6E-09
Grand Total	8.0E-08	1.3E-07	1.4E-07	1.1E-08	9.5E-10	3.6E-07

Table H-678 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			4.2E-05	5.2E-06		4.7E-05
Aldehydes						
Acetaldehyde			1.6E-04	2.0E-05		1.8E-04
Formaldehyde			6.3E-05	7.9E-06		7.1E-05
Propionaldehyde			2.0E-05	2.5E-06	2.1E-12	2.2E-05
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-678 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	7.9E-08	3.1E-07	1.3E-06	1.6E-07	1.8E-10	1.8E-06
2,3,7,8-TCDF						
OCDD						
OCDF						
HCN						
Hydrogen cyanide			2.0E-04	2.5E-05		2.2E-04
Metals						
Aluminum		1.1E-02			1.1E-04	1.1E-02
Antimony		6.4E-04				6.4E-04
Arsenic	2.0E-03	4.7E-03	4.0E-05	4.9E-06	7.7E-06	6.8E-03
Barium		2.2E-08	2.5E-04	3.1E-05	4.3E-10	2.8E-04
Beryllium		5.2E-13	2.1E-06	2.7E-07	2.6E-15	2.4E-06
Cadmium		8.2E-13	7.6E-05	9.5E-06	4.0E-15	8.5E-05
Chromium		6.4E-11				6.4E-11
Cobalt		1.0E-01	1.6E-03	2.0E-04	2.6E-04	1.1E-01
Copper		1.1E-08				1.1E-08
Iron		3.6E-02				3.6E-02
Lead						
Manganese						
Mercury (+2)		2.1E-10	7.8E-08	9.8E-09	1.0E-14	8.8E-08

Table H-678 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental			3.3E-10	4.1E-11	6.3E-03	6.3E-03
Methyl Mercury		3.8E-11				3.8E-11
Nickel		2.9E-02	3.9E-05	4.8E-06	3.2E-04	3.0E-02
Phosphorus		3.7E-10				3.7E-10
Selenium		8.1E-15	8.7E-09	1.1E-09	9.9E-20	9.8E-09
Silver		1.7E-10				1.7E-10
Thallium (Soluble Salts)		2.7E-02				2.7E-02
Titanium						
Zinc		6.1E-13				6.1E-13
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.4E-15	3.1E-15				6.5E-15
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	5.8E-14	5.2E-14				1.1E-13
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						

Table H-678 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
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Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						
Biphenyl		6.7E-15	2.8E-04	3.5E-05	4.9E-12	3.1E-04
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	1.7E-12	1.5E-12				3.2E-12
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene			5.0E-05	6.2E-06		5.6E-05
Perylene						
Phenanthrene						
Pyrene	9.3E-12	8.5E-12				1.8E-11
Particulate						
Particulate Total Suspended Partic						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	1.4E-11	1.2E-11				2.6E-11
Heptachlorobiphenyl	5.8E-12	4.9E-12	9.8E-10	1.2E-10	3.8E-15	1.1E-09
Hexachlorobiphenyl	2.6E-11	2.2E-11	4.1E-06	5.1E-07	1.7E-11	4.6E-06
Monochlorobiphenyl	9.8E-11	8.3E-11				1.8E-10
Nonachlorobiphenyl	1.0E-12	8.6E-13				1.9E-12

Table H-678 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Octachlorobiphenyl	1.9E-12	1.6E-12				3.5E-12
Pentachlorobiphenyl	9.4E-11	8.0E-11	4.6E-05	5.7E-06	2.0E-10	5.1E-05
Tetrachlorobiphenyl	5.4E-12	4.5E-12	2.3E-07	2.9E-08	2.3E-13	2.6E-07
Trichlorobiphenyl	6.5E-12	5.5E-12				1.2E-11
Pesticides						
DDE						
Dieldrin	9.4E-06	1.1E-05				2.1E-05
SVOCs						
1,2,4-trichlorobenzene			1.3E-07	1.7E-08		1.5E-07
1,2-dichlorobenzene			5.4E-10	6.8E-11		6.1E-10
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.9E-09	2.4E-10		2.1E-09
1,4-Dioxane			4.3E-03			4.3E-03
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			9.3E-08	1.2E-08		1.0E-07
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-10	4.0E-10				7.4E-10

Table H-678 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Butyl benzyl phthalate	1.6E-14	1.9E-14				3.6E-14
Carbazole						
Dibenzofuran	1.4E-13	5.7E-13				7.1E-13
Dimethyl phthalate						
Di-n-butyl phthalate	3.3E-14	3.9E-14				7.1E-14
Di-n-octyl phthalate	9.4E-13	1.1E-12				2.1E-12
Hexachlorobutadiene						
Isopropanol			1.0E-02			1.0E-02
Phenol			1.5E-06	1.9E-07		1.7E-06
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			2.7E-11	3.3E-12		3.0E-11
1,1-Dichloroethene			1.3E-10	1.6E-11		1.5E-10
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.6E-07	4.5E-08		4.1E-07
1,2,4-Trimethylbenzene			8.9E-07	1.1E-07		1.0E-06
1,2-Dibromoethane			7.7E-09	9.6E-10		8.6E-09
1,2-Dichloroethane			4.0E-07	1.4E-04		1.4E-04
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						

Table H-678 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
2-Butanone			6.6E-09	8.3E-10		7.4E-09
2-Chlorotoluene						
2-Hexanone			2.3E-07	2.8E-08		2.5E-07
Benzene			2.1E-03	3.2E-04		2.5E-03
Bromobenzene			6.2E-07	7.8E-08		7.0E-07
Bromochloromethane			2.2E-09	2.8E-10		2.5E-09
Bromodichloromethane						
Bromomethane			7.6E-07	9.5E-08		8.6E-07
Carbon disulfide			4.8E-09	6.0E-10		5.4E-09
Carbon tetrachloride			1.3E-03	1.5E-04		1.5E-03
Chlorobenzene			9.6E-08	1.2E-08		1.1E-07
Chlorodibromomethane						
Chloroethane			9.1E-10	1.1E-10		1.0E-09
Chloroform			4.4E-04	2.4E-05		4.7E-04
Chloromethane			3.4E-07	4.3E-08		3.9E-07
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			5.1E-08	6.4E-09		5.7E-08
Dichlorodifluoromethane			2.5E-09	3.1E-10		2.8E-09
Ethylbenzene			3.7E-05	2.4E-08		3.7E-05
Isopropylbenzene			3.9E-08	4.9E-09		4.4E-08
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.2E-10	1.5E-11		1.3E-10

Table H-678 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Methylene chloride			3.0E-08	3.8E-09		3.4E-08
n-Butylbenzene						
n-Propylbenzene			9.4E-09	1.2E-09		1.1E-08
o-Xylene			2.3E-07	2.9E-08		2.6E-07
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			5.1E-07	6.4E-08		5.7E-07
tert-Butylbenzene						
Tetrachloroethene			3.0E-09	3.8E-10		3.4E-09
Toluene			6.3E-08	7.9E-09		7.1E-08
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			5.0E-03	4.5E-10		5.0E-03
Trichlorofluoromethane						
Vinyl chloride			1.4E-04	6.2E-09		1.4E-04
Grand Total	2.0E-03	2.1E-01	2.6E-02	1.0E-03	7.0E-03	2.5E-01

Table H-679 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.4E-10	3.2E-10	1.7E-11	1.7E-11			4.9E-10
Formaldehyde						3.4E-10	7.9E-10	4.3E-11	4.3E-11			1.2E-09
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	6.9E-17	6.9E-14	9.7E-14	2.7E-13	7.6E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	3.9E-18	2.4E-17	5.0E-11
1,2,3,4,6,7,8-HpCDF	6.7E-17	7.0E-14	9.8E-14	2.8E-13	7.7E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	4.0E-18	2.4E-17	5.1E-11
1,2,3,4,7,8,9-HpCDF	1.0E-17	8.0E-15	1.1E-14	3.2E-14	8.9E-14	1.8E-12	4.1E-12	2.2E-13	2.2E-13	4.5E-19	2.8E-18	6.4E-12
1,2,3,4,7,8-HxCDD	7.8E-16	7.9E-14	1.1E-13	3.1E-13	8.7E-13	1.7E-11	3.8E-11	2.1E-12	2.1E-12	4.4E-18	2.7E-17	6.0E-11
1,2,3,4,7,8-HxCDF	5.3E-15	6.2E-13	8.7E-13	2.5E-12	6.9E-12	1.3E-10	3.1E-10	1.7E-11	1.7E-11	3.5E-17	2.2E-16	4.9E-10
1,2,3,6,7,8-HxCDD	1.5E-15	1.6E-13	2.2E-13	6.3E-13	1.8E-12	3.5E-11	8.0E-11	4.4E-12	4.4E-12	9.1E-18	5.6E-17	1.3E-10
1,2,3,6,7,8-HxCDF	2.0E-15	2.0E-13	2.9E-13	8.1E-13	2.3E-12	4.4E-11	1.0E-10	5.5E-12	5.5E-12	1.2E-17	7.1E-17	1.6E-10
1,2,3,7,8,9-HxCDD	2.2E-15	2.5E-13	3.5E-13	1.0E-12	2.8E-12	5.3E-11	1.2E-10	6.6E-12	6.6E-12	1.4E-17	8.8E-17	1.9E-10
1,2,3,7,8,9-HxCDF	1.6E-16	1.5E-14	2.0E-14	5.8E-14	1.6E-13	3.4E-12	7.7E-12	4.2E-13	4.2E-13	8.2E-19	5.1E-18	1.2E-11
1,2,3,7,8-PeCDD	4.1E-14	8.9E-13	1.2E-12	3.5E-12	9.8E-12	2.1E-10	4.9E-10	2.6E-11	2.6E-11	5.0E-17	3.1E-16	7.7E-10
1,2,3,7,8-PeCDF	2.9E-15	5.2E-14	7.3E-14	2.1E-13	5.8E-13	1.5E-11	3.5E-11	1.9E-12	1.9E-12	2.9E-18	1.8E-17	5.4E-11
2,3,4,6,7,8-HxCDF	2.8E-15	3.2E-13	4.5E-13	1.3E-12	3.5E-12	6.8E-11	1.6E-10	8.5E-12	8.5E-12	1.8E-17	1.1E-16	2.5E-10
2,3,4,7,8-PeCDF	4.5E-14	1.2E-12	1.7E-12	4.9E-12	1.4E-11	3.4E-10	7.8E-10	4.2E-11	4.2E-11	7.1E-17	4.3E-16	1.2E-09
2,3,7,8-TCDD	1.4E-14	1.8E-13	2.5E-13	7.1E-13	2.0E-12	8.4E-11	1.9E-10	1.1E-11	1.1E-11	7.1E-15	4.3E-14	3.0E-10
2,3,7,8-TCDF	4.5E-15	3.3E-14	4.6E-14	1.3E-13	3.6E-13	3.1E-11	7.2E-11	3.9E-12	3.9E-12	1.9E-18	1.1E-17	1.1E-10
OCDD	9.2E-21	4.7E-16	6.6E-16	1.8E-15	5.2E-15	9.2E-14	2.1E-13	1.1E-14	1.1E-14	2.6E-20	1.6E-19	3.3E-13
OCDF	3.4E-21	1.8E-16	2.5E-16	7.1E-16	2.0E-15	3.4E-14	7.9E-14	4.3E-15	4.3E-15	1.0E-20	6.3E-20	1.3E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-679 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	5.2E-17	3.8E-08	1.5E-08	9.1E-08	7.0E-08	1.1E-10	2.5E-10	1.4E-11	1.4E-11	2.1E-11	3.6E-11	2.1E-07
Barium												
Beryllium						4.4E-12	1.0E-11	5.5E-13	5.5E-13	5.3E-21	3.2E-20	1.6E-11
Cadmium						5.8E-11	1.3E-10	7.3E-12	7.3E-12	3.1E-21	1.9E-20	2.1E-10
Chromium												
Cobalt						3.8E-09	8.8E-09	4.7E-10	4.7E-10	5.9E-10	1.5E-09	1.6E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.9E-11	8.9E-11	4.8E-12	4.8E-12	3.2E-10	8.5E-10	1.3E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.0E-19	4.1E-19	2.7E-19	7.5E-19							1.7E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.9E-13	2.8E-09	1.6E-08	2.5E-09	2.9E-08	1.4E-11	3.3E-11	1.8E-12	1.8E-12	5.8E-12	3.6E-11	5.0E-08
Benzo(a)pyrene	9.6E-13	2.6E-08	1.8E-07	2.4E-08	3.2E-07	5.5E-11	1.3E-10	6.9E-12	6.9E-12	1.8E-13	5.2E-12	5.5E-07
Benzo(b)fluoranthene	2.6E-14	4.1E-09	2.5E-08	3.7E-09	4.5E-08	6.2E-12	1.4E-11	7.7E-13	7.7E-13	2.8E-14	7.3E-13	7.7E-08
Benzo(e)pyrene												

Table H-679 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	2.1E-17	2.2E-10	1.2E-09	2.0E-10	2.3E-09	5.5E-14	1.3E-13	6.9E-15	6.9E-15	1.5E-14	3.7E-13	3.9E-09
Biphenyl				1.1E-18	3.2E-18							4.3E-18
Chrysene	3.3E-16	3.5E-11	1.8E-10	3.2E-11	3.3E-10	2.4E-12	5.6E-12	3.0E-13	3.0E-13	2.4E-15	5.3E-14	5.8E-10
Dibenze(a,h)anthracene	4.9E-14	6.2E-09	4.4E-08	5.6E-09	7.9E-08	9.5E-12	2.2E-11	1.2E-12	1.2E-12	4.5E-14	1.4E-12	1.3E-07
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.2E-14	1.8E-09	1.1E-08	1.6E-09	2.1E-08	2.9E-12	6.7E-12	3.6E-13	3.6E-13	1.2E-14	3.4E-13	3.5E-08
Napthalene						2.2E-10	5.0E-10	2.7E-11	2.7E-11			7.7E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.8E-17	1.7E-18	2.4E-18	1.5E-18	4.1E-18	8.0E-14	1.8E-13	9.9E-15	9.9E-15	3.9E-20	2.4E-19	2.8E-13
Heptachlorobiphenyl	2.0E-17	5.7E-18	8.0E-18	4.8E-18	1.4E-17	3.1E-14	7.2E-14	3.9E-15	3.9E-15	7.0E-20	4.3E-19	1.1E-13
Hexachlorobiphenyl	8.0E-17	2.6E-17	3.6E-17	2.2E-17	6.1E-17	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.2E-19	1.9E-18	4.6E-13
Monochlorobiphenyl	1.3E-16	1.2E-17	1.7E-17	1.0E-17	2.8E-17	5.5E-13	1.3E-12	6.9E-14	6.9E-14	2.7E-19	1.7E-18	2.0E-12
Nonachlorobiphenyl	2.5E-18	1.0E-18	1.4E-18	8.5E-19	2.4E-18	4.4E-15	1.0E-14	5.5E-16	5.5E-16	1.2E-20	7.6E-20	1.6E-14
Octachlorobiphenyl	5.8E-18	1.9E-18	2.6E-18	1.6E-18	4.4E-18	9.5E-15	2.2E-14	1.2E-15	1.2E-15	2.3E-20	1.4E-19	3.4E-14
Pentachlorobiphenyl	2.6E-16	9.3E-17	1.3E-16	7.9E-17	2.2E-16	4.5E-13	1.0E-12	5.6E-14	5.6E-14	1.1E-18	7.0E-18	1.6E-12
Tetrachlorobiphenyl	5.4E-18	6.6E-19	9.2E-19	5.6E-19	1.6E-18	2.6E-14	6.0E-14	3.2E-15	3.2E-15	1.5E-20	9.2E-20	9.2E-14
Trichlorobiphenyl	7.1E-18	7.9E-19	1.1E-18	6.7E-19	1.9E-18	3.3E-14	7.6E-14	4.1E-15	4.1E-15	1.8E-20	1.1E-19	1.2E-13
Pesticides												
DDE				1.3E-09	3.2E-09					1.2E-11	7.3E-11	4.6E-09
Dieldrin		3.2E-10	6.8E-09	3.8E-10	1.6E-08					5.4E-15	5.0E-13	2.4E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	2.1E-20					7.2E-13	1.7E-12	8.9E-14	8.9E-14			2.5E-12
1,4-Dioxane						2.7E-08						2.7E-08

Table H-679 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.9E-16	4.0E-15	5.6E-15	4.8E-15	1.3E-14	2.0E-11	4.5E-11	2.4E-12	2.4E-12	4.0E-20	2.5E-19	7.0E-11
Butyl benzyl phthalate	1.4E-17	2.7E-19	3.7E-19	3.1E-19	8.8E-19							1.6E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	2.3E-17					4.2E-11	9.7E-11	5.2E-12	5.2E-12			1.5E-10
Isopropanol												
p-Chloroaniline			2.8E-09		6.6E-09							9.4E-09
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	3.0E-21					4.3E-14	9.9E-14	5.4E-15	5.4E-15			1.5E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.4E-18											1.4E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	3.2E-20					1.8E-12	4.1E-12	2.2E-13	2.2E-13			6.3E-12
1,2-Dichloroethane	4.5E-20					3.1E-12	4.9E-08	1.1E-09	1.1E-09			5.1E-08
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												

Table H-679 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorotoluene												
2-Hexanone												
Benzene	4.7E-18					2.1E-08	9.0E-08	3.2E-09	3.2E-09			1.2E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	8.3E-22					1.5E-13	5.4E-07	1.9E-14	1.9E-14			5.4E-07
Bromoform							7.2E-08					7.2E-08
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	4.0E-22					3.3E-08	1.0E-07	4.0E-09	4.0E-09			1.4E-07
Chlorobenzene												
Chlorodibromomethane	6.6E-20											6.6E-20
Chloroethane												
Chloroform	3.7E-21					4.3E-08	7.8E-07	2.4E-09	2.4E-09			8.3E-07
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	7.0E-19					3.9E-09	2.4E-08	2.6E-12	2.6E-12			2.8E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	2.2E-21					7.7E-15	1.8E-14	9.7E-16	9.7E-16			2.8E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.9E-23					1.3E-15	3.1E-15	1.7E-16	1.7E-16			4.8E-15
Toluene												
trans-1,2-Dichloroethene												

Table H-679 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
trans-1,3-Dichloropropene												
Trichloroethene	1.3E-23					1.8E-09	7.9E-08	1.6E-16	1.6E-16			8.1E-08
Trichlorofluoromethane												
Vinyl chloride	1.5E-20					2.6E-09	2.2E-12	1.2E-13	1.2E-13			2.6E-09
Grand Total	1.4E-12	8.0E-08	3.0E-07	1.3E-07	5.9E-07	1.4E-07	1.7E-06	1.1E-08	1.1E-08	9.5E-10	2.5E-09	3.0E-06

Table H-680 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					6.3E-05	1.5E-04	7.9E-06	7.9E-06			2.2E-04
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.1E-02	2.0E-02					1.1E-04	4.2E-04	3.1E-02
Antimony	3.9E-14			6.4E-04	3.6E-03							4.2E-03

Table H-680 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	2.0E-03	7.7E-04	4.7E-03	3.6E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	7.7E-06	1.3E-05	1.1E-02
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				1.0E-01	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.6E-04	6.6E-04	2.3E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				3.6E-02	5.4E-02							9.0E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	6.3E-03	3.9E-02	4.5E-02
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.9E-02	3.5E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.2E-04	8.5E-04	6.6E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Thallium (Soluble Salts)				2.7E-02	1.7E-02							4.4E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-680 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
DDE												
Dieldrin		9.4E-06	2.0E-04	1.1E-05	4.7E-04							6.9E-04
SVOCs												
1,2,4-trichlorobenzene								1.3E-07	3.1E-07	1.7E-08	1.7E-08	4.8E-07
1,2-dichlorobenzene	3.1E-17							5.4E-10	1.3E-09	6.8E-11	6.8E-11	1.9E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15							1.9E-09	4.4E-09	2.4E-10	2.4E-10	6.8E-09
1,4-Dioxane								4.3E-03				4.3E-03

Table H-680 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.0E-02	1.1E-02					2.1E-02
p-Chloroaniline			8.2E-05		1.9E-04							2.8E-04
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	6.3E-03	1.4E-04	1.4E-04			6.5E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08

Table H-680 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.1E-03	9.0E-03	3.2E-04	3.2E-04			1.2E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromoform												
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.3E-03	3.9E-03	1.5E-04	1.5E-04			5.5E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					4.4E-04	8.1E-03	2.4E-05	2.4E-05			8.6E-03
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					3.7E-05	2.2E-04	2.4E-08	2.4E-08			2.6E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15

Table H-680 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					5.0E-03	2.2E-01	4.5E-10	4.5E-10			2.3E-01
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					1.4E-04	1.1E-07	6.2E-09	6.2E-09			1.4E-04
Grand Total	5.0E-09	2.0E-03	1.0E-03	2.1E-01	2.6E-01	2.6E-02	2.7E-01	1.0E-03	1.0E-03	7.0E-03	4.1E-02	8.2E-01

Table H-681 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.4E-10	3.2E-10	1.7E-11	1.7E-11			4.9E-10
Formaldehyde						3.4E-10	2.2E-05	4.3E-11	4.3E-11			2.2E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	6.9E-17	6.9E-14	9.7E-14	2.7E-13	7.6E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	3.9E-18	2.4E-17	5.0E-11
1,2,3,4,6,7,8-HpCDF	6.7E-17	7.0E-14	9.8E-14	2.8E-13	7.7E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	4.0E-18	2.4E-17	5.1E-11
1,2,3,4,7,8,9-HpCDF	1.0E-17	8.0E-15	1.1E-14	3.2E-14	8.9E-14	1.8E-12	4.1E-12	2.2E-13	2.2E-13	4.5E-19	2.8E-18	6.4E-12
1,2,3,4,7,8-HxCDD	7.8E-16	7.9E-14	1.1E-13	3.1E-13	8.7E-13	1.7E-11	3.8E-11	2.1E-12	2.1E-12	4.4E-18	2.7E-17	6.0E-11
1,2,3,4,7,8-HxCDF	5.3E-15	6.2E-13	8.7E-13	2.5E-12	6.9E-12	1.3E-10	3.1E-10	1.7E-11	1.7E-11	3.5E-17	2.2E-16	4.9E-10
1,2,3,6,7,8-HxCDD	1.5E-15	1.6E-13	2.2E-13	6.3E-13	1.8E-12	3.5E-11	8.0E-11	4.4E-12	4.4E-12	9.1E-18	5.6E-17	1.3E-10
1,2,3,6,7,8-HxCDF	2.0E-15	2.0E-13	2.9E-13	8.1E-13	2.3E-12	4.4E-11	1.0E-10	5.5E-12	5.5E-12	1.2E-17	7.1E-17	1.6E-10
1,2,3,7,8,9-HxCDD	2.2E-15	2.5E-13	3.5E-13	1.0E-12	2.8E-12	5.3E-11	1.2E-10	6.6E-12	6.6E-12	1.4E-17	8.8E-17	1.9E-10
1,2,3,7,8,9-HxCDF	1.6E-16	1.5E-14	2.0E-14	5.8E-14	1.6E-13	3.4E-12	7.7E-12	4.2E-13	4.2E-13	8.2E-19	5.1E-18	1.2E-11
1,2,3,7,8-PeCDD	4.1E-14	8.9E-13	1.2E-12	3.5E-12	9.8E-12	2.1E-10	4.9E-10	2.6E-11	2.6E-11	5.0E-17	3.1E-16	7.7E-10
1,2,3,7,8-PeCDF	2.9E-15	5.2E-14	7.3E-14	2.1E-13	5.8E-13	1.5E-11	3.5E-11	1.9E-12	1.9E-12	2.9E-18	1.8E-17	5.4E-11
2,3,4,6,7,8-HxCDF	2.8E-15	3.2E-13	4.5E-13	1.3E-12	3.5E-12	6.8E-11	1.6E-10	8.5E-12	8.5E-12	1.8E-17	1.1E-16	2.5E-10
2,3,4,7,8-PeCDF	4.5E-14	1.2E-12	1.7E-12	4.9E-12	1.4E-11	3.4E-10	7.8E-10	4.2E-11	4.2E-11	7.1E-17	4.3E-16	1.2E-09
2,3,7,8-TCDD	1.4E-14	1.8E-13	2.5E-13	7.1E-13	2.0E-12	8.4E-11	1.9E-10	1.1E-11	1.1E-11	7.1E-15	4.3E-14	3.0E-10
2,3,7,8-TCDF	4.5E-15	3.3E-14	4.6E-14	1.3E-13	3.6E-13	3.1E-11	7.2E-11	3.9E-12	3.9E-12	1.9E-18	1.1E-17	1.1E-10
OCDD	9.2E-21	4.7E-16	6.6E-16	1.8E-15	5.2E-15	9.2E-14	2.1E-13	1.1E-14	1.1E-14	2.6E-20	1.6E-19	3.3E-13
OCDF	3.4E-21	1.8E-16	2.5E-16	7.1E-16	2.0E-15	3.4E-14	7.9E-14	4.3E-15	4.3E-15	1.0E-20	6.3E-20	1.3E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-681 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	5.2E-17	3.8E-08	2.9E-08	9.1E-08	1.4E-07	1.1E-10	2.5E-10	1.4E-11	1.4E-11	2.1E-11	7.1E-11	3.0E-07
Barium												
Beryllium						4.4E-12	1.0E-11	5.5E-13	5.5E-13	5.3E-21	3.2E-20	1.6E-11
Cadmium						5.8E-11	1.3E-10	7.3E-12	7.3E-12	3.1E-21	1.9E-20	2.1E-10
Chromium												
Cobalt						3.8E-09	8.8E-09	4.7E-10	4.7E-10	5.9E-10	1.5E-09	1.6E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.9E-11	8.9E-11	4.8E-12	4.8E-12	3.2E-10	9.5E-10	1.4E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.0E-19	4.1E-19	2.7E-19	7.5E-19							1.7E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.9E-13	2.8E-09	7.9E-14	2.5E-09	1.4E-13	1.4E-11	3.3E-11	1.8E-12	1.8E-12	5.8E-12	3.6E-11	5.4E-09
Benzo(a)pyrene	9.6E-13	2.6E-08	3.6E-13	2.4E-08	6.6E-13	5.5E-11	1.3E-10	6.9E-12	6.9E-12	1.8E-13	1.1E-17	5.1E-08
Benzo(b)fluoranthene	2.6E-14	4.1E-09	2.1E-15	3.7E-09	3.8E-15	6.2E-12	1.4E-11	7.7E-13	7.7E-13	2.8E-14	6.2E-20	7.9E-09
Benzo(e)pyrene												

Table H-681 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	2.1E-17	2.2E-10	2.6E-16	2.0E-10	4.7E-16	5.5E-14	1.3E-13	6.9E-15	6.9E-15	1.5E-14	7.7E-20	4.2E-10
Biphenyl				1.1E-18	3.2E-18							4.3E-18
Chrysene	3.3E-16	3.5E-11	1.0E-15	3.2E-11	1.9E-15	2.4E-12	5.6E-12	3.0E-13	3.0E-13	2.4E-15	3.1E-19	7.6E-11
Dibenze(a,h)anthracene	4.9E-14	6.2E-09	1.3E-13	5.6E-09	2.4E-13	9.5E-12	2.2E-11	1.2E-12	1.2E-12	4.5E-14	4.2E-18	1.2E-08
Fluorene												
Indeno(1,2,3-cd)pyrene	1.2E-14	1.8E-09	3.6E-14	1.6E-09	6.6E-14	2.9E-12	6.7E-12	3.6E-13	3.6E-13	1.2E-14	1.1E-18	3.4E-09
Napthalene						2.2E-10	5.0E-10	2.7E-11	2.7E-11			7.7E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.8E-17	1.7E-18	2.4E-18	1.5E-18	4.1E-18	8.0E-14	1.8E-13	9.9E-15	9.9E-15	3.9E-20	2.4E-19	2.8E-13
Heptachlorobiphenyl	2.0E-17	5.7E-18	8.0E-18	4.8E-18	1.4E-17	3.1E-14	7.2E-14	3.9E-15	3.9E-15	7.0E-20	4.3E-19	1.1E-13
Hexachlorobiphenyl	8.0E-17	2.6E-17	3.6E-17	2.2E-17	6.1E-17	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.2E-19	1.9E-18	4.6E-13
Monochlorobiphenyl	1.3E-16	1.2E-17	1.7E-17	1.0E-17	2.8E-17	5.5E-13	1.3E-12	6.9E-14	6.9E-14	2.7E-19	1.7E-18	2.0E-12
Nonachlorobiphenyl	2.5E-18	1.0E-18	1.4E-18	8.5E-19	2.4E-18	4.4E-15	1.0E-14	5.5E-16	5.5E-16	1.2E-20	7.6E-20	1.6E-14
Octachlorobiphenyl	5.8E-18	1.9E-18	2.6E-18	1.6E-18	4.4E-18	9.5E-15	2.2E-14	1.2E-15	1.2E-15	2.3E-20	1.4E-19	3.4E-14
Pentachlorobiphenyl	2.6E-16	9.3E-17	1.3E-16	7.9E-17	2.2E-16	4.5E-13	1.0E-12	5.6E-14	5.6E-14	1.1E-18	7.0E-18	1.6E-12
Tetrachlorobiphenyl	5.4E-18	6.6E-19	9.2E-19	5.6E-19	1.6E-18	2.6E-14	6.0E-14	3.2E-15	3.2E-15	1.5E-20	9.2E-20	9.2E-14
Trichlorobiphenyl	7.1E-18	7.9E-19	1.1E-18	6.7E-19	1.9E-18	3.3E-14	7.6E-14	4.1E-15	4.1E-15	1.8E-20	1.1E-19	1.2E-13
Pesticides												
DDE				1.3E-09	1.1E-09					1.2E-11	7.3E-11	2.5E-09
Dieldrin		3.2E-10		3.8E-10						5.4E-15		7.0E-10
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	2.1E-20					7.2E-13	1.7E-12	8.9E-14	8.9E-14			2.5E-12
1,4-Dioxane						2.7E-08						2.7E-08

Table H-681 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.9E-16	4.0E-15	5.6E-15	4.8E-15	1.3E-14	2.0E-11	4.5E-11	2.4E-12	2.4E-12	4.0E-20	2.5E-19	7.0E-11
Butyl benzyl phthalate	1.4E-17	2.7E-19	3.7E-19	3.1E-19	8.8E-19							1.6E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	2.3E-17					4.2E-11	9.7E-11	5.2E-12	5.2E-12			1.5E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	3.0E-21					4.3E-14	9.9E-14	5.4E-15	5.4E-15			1.5E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.4E-18											1.4E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	3.2E-20					1.8E-12	4.1E-12	2.2E-13	2.2E-13			6.3E-12
1,2-Dichloroethane	4.5E-20					3.1E-12	7.1E-12	1.1E-09	1.1E-09			2.2E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												

Table H-681 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone												
Benzene	4.7E-18					2.1E-08	6.7E-10	3.2E-09	3.2E-09			2.9E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	8.3E-22					1.5E-13	3.5E-13	1.9E-14	1.9E-14			5.4E-13
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	4.0E-22					3.3E-08	1.3E-13	4.0E-09	4.0E-09			4.1E-08
Chlorobenzene												
Chlorodibromomethane	6.6E-20											6.6E-20
Chloroethane												
Chloroform	3.7E-21					4.3E-08	4.5E-12	2.4E-09	2.4E-09			4.7E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	7.0E-19					3.9E-09	4.8E-11	2.6E-12	2.6E-12			4.0E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	2.2E-21					7.7E-15	1.8E-14	9.7E-16	9.7E-16			2.8E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.9E-23					1.3E-15	3.1E-15	1.7E-16	1.7E-16			4.8E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.3E-23					1.8E-09	2.9E-15	1.6E-16	1.6E-16			1.8E-09

Table H-681 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane												
Vinyl chloride	1.5E-20					2.6E-09	2.2E-12	1.2E-13	1.2E-13			2.6E-09
Grand Total	1.4E-12	8.0E-08	2.9E-08	1.3E-07	1.4E-07	1.4E-07	2.2E-05	1.1E-08	1.1E-08	9.5E-10	2.7E-09	2.3E-05

Table H-682 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					6.3E-05	4.0E+00	7.9E-06	7.9E-06			4.0E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.1E-02	2.4E-02					1.1E-04	5.1E-04	3.5E-02
Antimony	3.9E-14			6.4E-04	1.2E-03							1.8E-03

Table H-682 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	2.0E-03	1.5E-03	4.7E-03	7.2E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	7.7E-06	2.6E-05	1.6E-02
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				1.0E-01	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.6E-04	6.7E-04	2.4E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				3.6E-02	5.7E-02							9.3E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	6.3E-03	3.9E-02	4.5E-02
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.9E-02	4.0E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.2E-04	9.5E-04	7.0E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Thallium (Soluble Salts)				2.7E-02	1.4E-02							4.1E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-682 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
DDE												
Dieldrin		9.4E-06		1.1E-05								2.1E-05
SVOCs												
1,2,4-trichlorobenzene								1.3E-07	3.1E-07	1.7E-08	1.7E-08	4.8E-07
1,2-dichlorobenzene	3.1E-17							5.4E-10	1.3E-09	6.8E-11	6.8E-11	1.9E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15							1.9E-09	4.4E-09	2.4E-10	2.4E-10	6.8E-09
1,4-Dioxane								4.3E-03				4.3E-03

Table H-682 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.0E-02						1.0E-02
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	9.1E-07	1.4E-04	1.4E-04			2.9E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												

Table H-682 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.1E-03	6.7E-05	3.2E-04	3.2E-04			2.8E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.3E-03	5.0E-09	1.5E-04	1.5E-04			1.6E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					4.4E-04	4.6E-08	2.4E-05	2.4E-05			4.9E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					3.7E-05	4.5E-07	2.4E-08	2.4E-08			3.7E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					5.0E-03	8.4E-09	4.5E-10	4.5E-10			5.0E-03

Table H-682 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					1.4E-04	1.1E-07	6.2E-09	6.2E-09			1.4E-04
Grand Total	5.0E-09	2.0E-03	1.5E-03	2.1E-01	2.7E-01	2.6E-02	4.0E+00	1.0E-03	1.0E-03	7.0E-03	4.1E-02	4.6E+00

Table H-683 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.4E-10	3.2E-10	1.7E-11	1.7E-11			4.9E-10
Formaldehyde						3.4E-10	1.5E-05	4.3E-11	4.3E-11			1.5E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	6.9E-17	6.9E-14	9.7E-14	2.7E-13	7.6E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	3.9E-18	2.4E-17	5.0E-11
1,2,3,4,6,7,8-HpCDF	6.7E-17	7.0E-14	9.8E-14	2.8E-13	7.7E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	4.0E-18	2.4E-17	5.1E-11
1,2,3,4,7,8,9-HpCDF	1.0E-17	8.0E-15	1.1E-14	3.2E-14	8.9E-14	1.8E-12	4.1E-12	2.2E-13	2.2E-13	4.5E-19	2.8E-18	6.4E-12
1,2,3,4,7,8-HxCDD	7.8E-16	7.9E-14	1.1E-13	3.1E-13	8.7E-13	1.7E-11	3.8E-11	2.1E-12	2.1E-12	4.4E-18	2.7E-17	6.0E-11
1,2,3,4,7,8-HxCDF	5.3E-15	6.2E-13	8.7E-13	2.5E-12	6.9E-12	1.3E-10	3.1E-10	1.7E-11	1.7E-11	3.5E-17	2.2E-16	4.9E-10
1,2,3,6,7,8-HxCDD	1.5E-15	1.6E-13	2.2E-13	6.3E-13	1.8E-12	3.5E-11	8.0E-11	4.4E-12	4.4E-12	9.1E-18	5.6E-17	1.3E-10
1,2,3,6,7,8-HxCDF	2.0E-15	2.0E-13	2.9E-13	8.1E-13	2.3E-12	4.4E-11	1.0E-10	5.5E-12	5.5E-12	1.2E-17	7.1E-17	1.6E-10
1,2,3,7,8,9-HxCDD	2.2E-15	2.5E-13	3.5E-13	1.0E-12	2.8E-12	5.3E-11	1.2E-10	6.6E-12	6.6E-12	1.4E-17	8.8E-17	1.9E-10
1,2,3,7,8,9-HxCDF	1.6E-16	1.5E-14	2.0E-14	5.8E-14	1.6E-13	3.4E-12	7.7E-12	4.2E-13	4.2E-13	8.2E-19	5.1E-18	1.2E-11
1,2,3,7,8-PeCDD	4.1E-14	8.9E-13	1.2E-12	3.5E-12	9.8E-12	2.1E-10	4.9E-10	2.6E-11	2.6E-11	5.0E-17	3.1E-16	7.7E-10
1,2,3,7,8-PeCDF	2.9E-15	5.2E-14	7.3E-14	2.1E-13	5.8E-13	1.5E-11	3.5E-11	1.9E-12	1.9E-12	2.9E-18	1.8E-17	5.4E-11
2,3,4,6,7,8-HxCDF	2.8E-15	3.2E-13	4.5E-13	1.3E-12	3.5E-12	6.8E-11	1.6E-10	8.5E-12	8.5E-12	1.8E-17	1.1E-16	2.5E-10
2,3,4,7,8-PeCDF	4.5E-14	1.2E-12	1.7E-12	4.9E-12	1.4E-11	3.4E-10	7.8E-10	4.2E-11	4.2E-11	7.1E-17	4.3E-16	1.2E-09
2,3,7,8-TCDD	1.4E-14	1.8E-13	2.5E-13	7.1E-13	2.0E-12	8.4E-11	1.9E-10	1.1E-11	1.1E-11	7.1E-15	4.3E-14	3.0E-10
2,3,7,8-TCDF	4.5E-15	3.3E-14	4.6E-14	1.3E-13	3.6E-13	3.1E-11	7.2E-11	3.9E-12	3.9E-12	1.9E-18	1.1E-17	1.1E-10
OCDD	9.2E-21	4.7E-16	6.6E-16	1.8E-15	5.2E-15	9.2E-14	2.1E-13	1.1E-14	1.1E-14	2.6E-20	1.6E-19	3.3E-13
OCDF	3.4E-21	1.8E-16	2.5E-16	7.1E-16	2.0E-15	3.4E-14	7.9E-14	4.3E-15	4.3E-15	1.0E-20	6.3E-20	1.3E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-683 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	5.2E-17	3.8E-08	1.2E-08	9.1E-08	5.5E-08	1.1E-10	2.5E-10	1.4E-11	1.4E-11	2.1E-11	2.9E-11	2.0E-07
Barium												
Beryllium						4.4E-12	1.0E-11	5.5E-13	5.5E-13	5.3E-21	3.2E-20	1.6E-11
Cadmium						5.8E-11	1.3E-10	7.3E-12	7.3E-12	3.1E-21	1.9E-20	2.1E-10
Chromium												
Cobalt						3.8E-09	8.8E-09	4.7E-10	4.7E-10	5.9E-10	2.6E-09	1.7E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.9E-11	8.9E-11	4.8E-12	4.8E-12	3.2E-10	1.6E-09	2.0E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.0E-19	4.1E-19	2.7E-19	7.5E-19							1.7E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.9E-13	2.8E-09	7.9E-14	2.5E-09	1.4E-13	1.4E-11	3.3E-11	1.8E-12	1.8E-12	5.8E-12	3.6E-11	5.4E-09
Benzo(a)pyrene	9.6E-13	2.6E-08	4.1E-08	2.4E-08	7.5E-08	5.5E-11	1.3E-10	6.9E-12	6.9E-12	1.8E-13	1.2E-12	1.7E-07
Benzo(b)fluoranthene	2.6E-14	4.1E-09	3.7E-09	3.7E-09	6.8E-09	6.2E-12	1.4E-11	7.7E-13	7.7E-13	2.8E-14	1.1E-13	1.8E-08
Benzo(e)pyrene												

Table H-683 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	2.1E-17	2.2E-10	2.6E-16	2.0E-10	4.7E-16	5.5E-14	1.3E-13	6.9E-15	6.9E-15	1.5E-14	7.7E-20	4.2E-10
Biphenyl				1.1E-18	3.2E-18							4.3E-18
Chrysene	3.3E-16	3.5E-11	1.0E-15	3.2E-11	1.9E-15	2.4E-12	5.6E-12	3.0E-13	3.0E-13	2.4E-15	3.1E-19	7.6E-11
Dibenze(a,h)anthracene	4.9E-14	6.2E-09	1.3E-13	5.6E-09	2.4E-13	9.5E-12	2.2E-11	1.2E-12	1.2E-12	4.5E-14	4.2E-18	1.2E-08
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.2E-14	1.8E-09	3.6E-14	1.6E-09	6.6E-14	2.9E-12	6.7E-12	3.6E-13	3.6E-13	1.2E-14	1.1E-18	3.4E-09
Napthalene						2.2E-10	5.0E-10	2.7E-11	2.7E-11			7.7E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.8E-17	1.7E-18	2.4E-18	1.5E-18	4.1E-18	8.0E-14	1.8E-13	9.9E-15	9.9E-15	3.9E-20	2.4E-19	2.8E-13
Heptachlorobiphenyl	2.0E-17	5.7E-18	8.0E-18	4.8E-18	1.4E-17	3.1E-14	7.2E-14	3.9E-15	3.9E-15	7.0E-20	4.3E-19	1.1E-13
Hexachlorobiphenyl	8.0E-17	2.6E-17	3.6E-17	2.2E-17	6.1E-17	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.2E-19	1.9E-18	4.6E-13
Monochlorobiphenyl	1.3E-16	1.2E-17	1.7E-17	1.0E-17	2.8E-17	5.5E-13	1.3E-12	6.9E-14	6.9E-14	2.7E-19	1.7E-18	2.0E-12
Nonachlorobiphenyl	2.5E-18	1.0E-18	1.4E-18	8.5E-19	2.4E-18	4.4E-15	1.0E-14	5.5E-16	5.5E-16	1.2E-20	7.6E-20	1.6E-14
Octachlorobiphenyl	5.8E-18	1.9E-18	2.6E-18	1.6E-18	4.4E-18	9.5E-15	2.2E-14	1.2E-15	1.2E-15	2.3E-20	1.4E-19	3.4E-14
Pentachlorobiphenyl	2.6E-16	9.3E-17	1.3E-16	7.9E-17	2.2E-16	4.5E-13	1.0E-12	5.6E-14	5.6E-14	1.1E-18	7.0E-18	1.6E-12
Tetrachlorobiphenyl	5.4E-18	6.6E-19	9.2E-19	5.6E-19	1.6E-18	2.6E-14	6.0E-14	3.2E-15	3.2E-15	1.5E-20	9.2E-20	9.2E-14
Trichlorobiphenyl	7.1E-18	7.9E-19	1.1E-18	6.7E-19	1.9E-18	3.3E-14	7.6E-14	4.1E-15	4.1E-15	1.8E-20	1.1E-19	1.2E-13
Pesticides												
DDE				1.3E-09	4.0E-09					1.2E-11	7.3E-11	5.4E-09
Dieldrin		3.2E-10		3.8E-10						5.4E-15		7.0E-10
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	2.1E-20					7.2E-13	1.7E-12	8.9E-14	8.9E-14			2.5E-12
1,4-Dioxane						2.7E-08						2.7E-08

Table H-683 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.9E-16	4.0E-15	5.6E-15	4.8E-15	1.3E-14	2.0E-11	4.5E-11	2.4E-12	2.4E-12	4.0E-20	2.5E-19	7.0E-11
Butyl benzyl phthalate	1.4E-17	2.7E-19	3.7E-19	3.1E-19	8.8E-19							1.6E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	2.3E-17					4.2E-11	9.7E-11	5.2E-12	5.2E-12			1.5E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	3.0E-21					4.3E-14	9.9E-14	5.4E-15	5.4E-15			1.5E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.4E-18											1.4E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	3.2E-20					1.8E-12	4.1E-12	2.2E-13	2.2E-13			6.3E-12
1,2-Dichloroethane	4.5E-20					3.1E-12	7.1E-12	1.1E-09	1.1E-09			2.2E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												

Table H-683 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone												
Benzene	4.7E-18					2.1E-08	6.7E-10	3.2E-09	3.2E-09			2.9E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	8.3E-22					1.5E-13	3.5E-13	1.9E-14	1.9E-14			5.4E-13
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	4.0E-22					3.3E-08	1.3E-13	4.0E-09	4.0E-09			4.1E-08
Chlorobenzene												
Chlorodibromomethane	6.6E-20											6.6E-20
Chloroethane												
Chloroform	3.7E-21					4.3E-08	4.5E-12	2.4E-09	2.4E-09			4.7E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	7.0E-19					3.9E-09	4.8E-11	2.6E-12	2.6E-12			4.0E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	2.2E-21					7.7E-15	1.8E-14	9.7E-16	9.7E-16			2.8E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.9E-23					1.3E-15	3.1E-15	1.7E-16	1.7E-16			4.8E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.3E-23					1.8E-09	2.9E-15	1.6E-16	1.6E-16			1.8E-09

Table H-683 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane												
Vinyl chloride	1.5E-20					2.6E-09	2.2E-12	1.2E-13	1.2E-13			2.6E-09
Grand Total	1.4E-12	8.0E-08	5.7E-08	1.3E-07	1.4E-07	1.4E-07	1.5E-05	1.1E-08	1.1E-08	9.5E-10	4.4E-09	1.6E-05

Table H-684 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					6.3E-05	2.7E+00	7.9E-06	7.9E-06			2.7E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.1E-02	1.9E-02					1.1E-04	4.1E-04	3.0E-02
Antimony	3.9E-14			6.4E-04	4.2E-04							1.1E-03

Table H-684 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	2.0E-03	6.1E-04	4.7E-03	2.9E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	7.7E-06	1.0E-05	1.0E-02
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				1.0E-01	2.1E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.6E-04	1.1E-03	3.2E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				3.6E-02	6.2E-02							9.8E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	6.3E-03	3.9E-02	4.5E-02
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.9E-02	6.6E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.2E-04	1.6E-03	9.7E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Thallium (Soluble Salts)				2.7E-02								2.7E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-684 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
DDE												
Dieldrin		9.4E-06		1.1E-05								2.1E-05
SVOCs												
1,2,4-trichlorobenzene								1.3E-07	3.1E-07	1.7E-08	1.7E-08	4.8E-07
1,2-dichlorobenzene	3.1E-17							5.4E-10	1.3E-09	6.8E-11	6.8E-11	1.9E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15							1.9E-09	4.4E-09	2.4E-10	2.4E-10	6.8E-09
1,4-Dioxane								4.3E-03				4.3E-03

Table H-684 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.0E-02						1.0E-02
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	9.1E-07	1.4E-04	1.4E-04			2.9E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												

Table H-684 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.1E-03	6.7E-05	3.2E-04	3.2E-04			2.8E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.3E-03	5.0E-09	1.5E-04	1.5E-04			1.6E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					4.4E-04	4.6E-08	2.4E-05	2.4E-05			4.9E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					3.7E-05	4.5E-07	2.4E-08	2.4E-08			3.7E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					5.0E-03	8.4E-09	4.5E-10	4.5E-10			5.0E-03

Table H-684 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					1.4E-04	1.1E-07	6.2E-09	6.2E-09			1.4E-04
Grand Total	5.0E-09	2.0E-03	6.1E-04	2.1E-01	3.6E-01	2.6E-02	2.8E+00	1.0E-03	1.0E-03	7.0E-03	4.2E-02	3.4E+00

Table H-685 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.4E-10	4.9E-09	1.7E-11	1.6E-09			6.7E-09
Formaldehyde						3.4E-10	1.1E-08	4.3E-11	3.8E-09			1.5E-08
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	6.9E-17	6.9E-14	1.3E-12	2.7E-13	1.0E-11	1.4E-11	5.5E-10	1.7E-12	1.8E-10	3.9E-18	3.2E-16	7.6E-10
1,2,3,4,6,7,8-HpCDF	6.7E-17	7.0E-14	1.3E-12	2.8E-13	1.0E-11	1.4E-11	5.5E-10	1.7E-12	1.8E-10	4.0E-18	3.2E-16	7.7E-10
1,2,3,4,7,8,9-HpCDF	1.0E-17	8.0E-15	1.6E-13	3.2E-14	1.2E-12	1.8E-12	7.2E-11	2.2E-13	2.4E-11	4.5E-19	3.9E-17	9.9E-11
1,2,3,4,7,8-HxCDD	7.8E-16	7.9E-14	1.5E-12	3.1E-13	1.2E-11	1.7E-11	6.7E-10	2.1E-12	2.2E-10	4.4E-18	3.8E-16	9.3E-10
1,2,3,4,7,8-HxCDF	5.3E-15	6.2E-13	1.2E-11	2.5E-12	9.5E-11	1.3E-10	5.4E-09	1.7E-11	1.8E-09	3.5E-17	3.0E-15	7.5E-09
1,2,3,6,7,8-HxCDD	1.5E-15	1.6E-13	3.1E-12	6.3E-13	2.4E-11	3.5E-11	1.4E-09	4.4E-12	4.7E-10	9.1E-18	7.7E-16	2.0E-09
1,2,3,6,7,8-HxCDF	2.0E-15	2.0E-13	4.0E-12	8.1E-13	3.1E-11	4.4E-11	1.8E-09	5.5E-12	5.9E-10	1.2E-17	9.9E-16	2.5E-09
1,2,3,7,8,9-HxCDD	2.2E-15	2.5E-13	4.9E-12	1.0E-12	3.8E-11	5.3E-11	2.1E-09	6.6E-12	7.1E-10	1.4E-17	1.2E-15	3.0E-09
1,2,3,7,8,9-HxCDF	1.6E-16	1.5E-14	2.9E-13	5.8E-14	2.3E-12	3.4E-12	1.4E-10	4.2E-13	4.6E-11	8.2E-19	7.1E-17	1.9E-10
1,2,3,7,8-PeCDD	4.1E-14	8.9E-13	1.7E-11	3.5E-12	1.4E-10	2.1E-10	8.6E-09	2.6E-11	2.9E-09	5.0E-17	4.3E-15	1.2E-08
1,2,3,7,8-PeCDF	2.9E-15	5.2E-14	1.0E-12	2.1E-13	8.1E-12	1.5E-11	6.1E-10	1.9E-12	2.0E-10	2.9E-18	2.6E-16	8.4E-10
2,3,4,6,7,8-HxCDF	2.8E-15	3.2E-13	6.0E-12	1.3E-12	4.7E-11	6.8E-11	2.7E-09	8.5E-12	9.0E-10	1.8E-17	1.5E-15	3.7E-09
2,3,4,7,8-PeCDF	4.5E-14	1.2E-12	2.5E-11	4.9E-12	1.9E-10	3.4E-10	1.4E-08	4.2E-11	4.6E-09	7.1E-17	6.1E-15	1.9E-08
2,3,7,8-TCDD	1.4E-14	1.8E-13	2.6E-12	7.1E-13	2.1E-11	8.4E-11	2.8E-09	1.1E-11	9.4E-10	7.1E-15	4.5E-13	3.9E-09
2,3,7,8-TCDF	4.5E-15	3.3E-14	6.6E-13	1.3E-13	5.2E-12	3.1E-11	1.3E-09	3.9E-12	4.3E-10	1.9E-18	1.6E-16	1.7E-09
OCDD	9.2E-21	4.7E-16	8.6E-15	1.8E-15	6.8E-14	9.2E-14	3.6E-12	1.1E-14	1.2E-12	2.6E-20	2.1E-18	5.0E-12
OCDF	3.4E-21	1.8E-16	3.2E-15	7.1E-16	2.6E-14	3.4E-14	1.3E-12	4.3E-15	4.5E-13	1.0E-20	8.1E-19	1.9E-12
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-685 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	5.2E-17	3.8E-08	3.1E-18	9.1E-08	1.5E-17	1.1E-10	3.9E-09	1.4E-11	1.3E-09	2.1E-11	7.6E-21	1.3E-07
Barium												
Beryllium						4.4E-12	1.5E-10	5.5E-13	5.0E-11	5.3E-21	4.4E-19	2.0E-10
Cadmium						5.8E-11	2.0E-09	7.3E-12	6.8E-10	3.1E-21	2.6E-19	2.8E-09
Chromium												
Cobalt						3.8E-09	6.9E-08	4.7E-10	2.3E-08	5.9E-10	3.6E-13	9.7E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.9E-11	1.3E-09	4.8E-12	4.4E-10	3.2E-10	1.9E-19	2.1E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.0E-19	6.0E-18	2.7E-19	1.1E-17							1.8E-17
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.9E-13	2.8E-09	1.3E-12	2.5E-09	2.3E-12	1.4E-11	6.1E-10	1.8E-12	2.0E-10	5.8E-12	1.1E-14	6.2E-09
Benzo(a)pyrene	9.6E-13	2.6E-08	5.3E-12	2.4E-08	9.7E-12	5.5E-11	2.3E-09	6.9E-12	7.7E-10	1.8E-13	1.6E-16	5.4E-08
Benzo(b)fluoranthene	2.6E-14	4.1E-09	2.9E-14	3.7E-09	5.2E-14	6.2E-12	2.5E-10	7.7E-13	8.3E-11	2.8E-14	8.5E-19	8.2E-09
Benzo(e)pyrene												

Table H-685 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	2.1E-17	2.2E-10	1.7E-15	2.0E-10	3.1E-15	5.5E-14	9.8E-13	6.9E-15	3.3E-13	1.5E-14	5.1E-19	4.2E-10
Biphenyl				1.1E-18	4.8E-17							4.9E-17
Chrysene	3.3E-16	3.5E-11	1.5E-14	3.2E-11	2.7E-14	2.4E-12	1.0E-10	3.0E-13	3.3E-11	2.4E-15	4.5E-18	2.0E-10
Dibenze(a,h)anthracene	4.9E-14	6.2E-09	1.9E-12	5.6E-09	3.4E-12	9.5E-12	3.9E-10	1.2E-12	1.3E-10	4.5E-14	6.0E-17	1.2E-08
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.2E-14	1.8E-09	5.2E-13	1.6E-09	9.5E-13	2.9E-12	1.2E-10	3.6E-13	4.0E-11	1.2E-14	1.5E-17	3.5E-09
Napthalene						2.2E-10	9.0E-09	2.7E-11	3.0E-09			1.2E-08
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.8E-17	1.7E-18	3.4E-17	1.5E-18	5.8E-17	8.0E-14	3.3E-12	9.9E-15	1.1E-12	3.9E-20	3.4E-18	4.4E-12
Heptachlorobiphenyl	2.0E-17	5.7E-18	1.1E-16	4.8E-18	1.9E-16	3.1E-14	1.3E-12	3.9E-15	4.2E-13	7.0E-20	6.0E-18	1.7E-12
Hexachlorobiphenyl	8.0E-17	2.6E-17	4.6E-16	2.2E-17	7.9E-16	1.3E-13	5.1E-12	1.6E-14	1.7E-12	3.2E-19	2.5E-17	6.9E-12
Monochlorobiphenyl	1.3E-16	1.2E-17	2.4E-16	1.0E-17	4.1E-16	5.5E-13	2.3E-11	6.9E-14	7.6E-12	2.7E-19	2.4E-17	3.1E-11
Nonachlorobiphenyl	2.5E-18	1.0E-18	1.6E-17	8.5E-19	2.7E-17	4.4E-15	1.6E-13	5.5E-16	5.2E-14	1.2E-20	8.5E-19	2.1E-13
Octachlorobiphenyl	5.8E-18	1.9E-18	3.4E-17	1.6E-18	5.7E-17	9.5E-15	3.7E-13	1.2E-15	1.2E-13	2.3E-20	1.8E-18	5.1E-13
Pentachlorobiphenyl	2.6E-16	9.3E-17	1.6E-15	7.9E-17	2.7E-15	4.5E-13	1.7E-11	5.6E-14	5.6E-12	1.1E-18	8.6E-17	2.3E-11
Tetrachlorobiphenyl	5.4E-18	6.6E-19	1.1E-17	5.6E-19	1.9E-17	2.6E-14	9.7E-13	3.2E-15	3.2E-13	1.5E-20	1.1E-18	1.3E-12
Trichlorobiphenyl	7.1E-18	7.9E-19	1.4E-17	6.7E-19	2.4E-17	3.3E-14	1.3E-12	4.1E-15	4.2E-13	1.8E-20	1.4E-18	1.7E-12
Pesticides												
DDE				1.3E-09						1.2E-11		1.3E-09
Dieldrin		3.2E-10		3.8E-10						5.4E-15		7.0E-10
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	2.1E-20					7.2E-13	3.2E-11	8.9E-14	1.1E-11			4.4E-11
1,4-Dioxane						2.7E-08						2.7E-08

Table H-685 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.9E-16	4.0E-15	7.2E-14	4.8E-15	1.7E-13	2.0E-11	7.6E-10	2.4E-12	2.5E-10	4.0E-20	3.2E-18	1.0E-09
Butyl benzyl phthalate	1.4E-17	2.7E-19	5.4E-18	3.1E-19	1.3E-17							3.3E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	2.3E-17					4.2E-11	7.5E-10	5.2E-12	2.5E-10			1.0E-09
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	3.0E-21					4.3E-14	1.4E-12	5.4E-15	4.8E-13			2.0E-12
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.4E-18											1.4E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	3.2E-20					1.8E-12	3.2E-11	2.2E-13	1.1E-11			4.4E-11
1,2-Dichloroethane	4.5E-20					3.1E-12	1.2E-10	1.1E-09	3.9E-11			1.3E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												

Table H-685 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone												
Benzene	4.7E-18					2.1E-08	1.1E-08	3.2E-09	3.8E-09			4.0E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	8.3E-22					1.5E-13	2.7E-12	1.9E-14	9.0E-13			3.8E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	4.0E-22					3.3E-08	1.0E-12	4.0E-09	3.3E-13			3.7E-08
Chlorobenzene												
Chlorodibromomethane	6.6E-20											6.6E-20
Chloroethane												
Chloroform	3.7E-21					4.3E-08	3.8E-11	2.4E-09	1.3E-11			4.5E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	7.0E-19					3.9E-09	7.9E-10	2.6E-12	2.6E-10			5.0E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	2.2E-21					7.7E-15	2.8E-13	9.7E-16	9.5E-14			3.9E-13
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.9E-23					1.3E-15	4.7E-14	1.7E-16	1.6E-14			6.4E-14
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.3E-23					1.8E-09	2.3E-14	1.6E-16	7.6E-15			1.8E-09

Table H-685 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane												
Vinyl chloride	1.5E-20					2.6E-09	2.3E-11	1.2E-13	7.6E-12			2.7E-09
Grand Total	1.4E-12	8.0E-08	9.0E-11	1.3E-07	6.5E-10	1.4E-07	1.6E-07	1.1E-08	5.4E-08	9.5E-10	8.4E-13	5.8E-07

Table H-686 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	1.5E-03	5.2E-06	5.0E-04			2.0E-03
Aldehydes												
Acetaldehyde						1.6E-04	5.8E-03	2.0E-05	1.9E-03			7.9E-03
Formaldehyde	2.3E-12					6.3E-05	2.1E-03	7.9E-06	6.9E-04			2.8E-03
Propionaldehyde						2.0E-05	7.2E-04	2.5E-06	2.4E-04	2.1E-12	1.5E-10	9.8E-04
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-06	3.1E-07	9.0E-06	1.3E-06	4.3E-05	1.6E-07	1.4E-05	1.8E-10	1.2E-08	7.0E-05
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	7.7E-03	2.5E-05	2.6E-03			1.1E-02
Metals												
Aluminum				1.1E-02						1.1E-04		1.1E-02
Antimony	3.9E-14			6.4E-04								6.4E-04

Table H-686 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Outdoor Vapors at CJ	Inhalation of Outdoor Vapors at Home	Grand Total
Arsenic	2.7E-12	2.0E-03	1.6E-13	4.7E-03	7.6E-13	4.0E-05	1.4E-03	4.9E-06	4.7E-04	7.7E-06	2.7E-15	8.6E-03
Barium	1.4E-11			2.2E-08	7.5E-07	2.5E-04	6.8E-03	3.1E-05	2.3E-03	4.3E-10	3.2E-08	9.3E-03
Beryllium	1.7E-14			5.2E-13	2.0E-11	2.1E-06	7.3E-05	2.7E-07	2.4E-05	2.6E-15	2.1E-13	9.9E-05
Cadmium	8.3E-12			8.2E-13	3.1E-11	7.6E-05	2.6E-03	9.5E-06	8.8E-04	4.0E-15	3.4E-13	3.6E-03
Chromium	1.9E-15			6.4E-11	2.5E-09							2.6E-09
Cobalt				1.0E-01	4.7E-05	1.6E-03	3.0E-02	2.0E-04	9.9E-03	2.6E-04	2.6E-07	1.5E-01
Copper				1.1E-08	4.3E-07							4.4E-07
Iron				3.6E-02								3.6E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.6E-09	7.8E-08	2.8E-06	9.8E-09	9.2E-07	1.0E-14	7.1E-13	3.8E-06
Mercury, elemental						3.3E-10	1.2E-08	4.1E-11	3.8E-09	6.3E-03		6.3E-03
Methyl Mercury	1.3E-10			3.8E-11	1.5E-09							1.6E-09
Nickel	1.7E-13			2.9E-02	7.8E-12	3.9E-05	1.3E-03	4.8E-06	4.4E-04	3.2E-04	1.9E-13	3.1E-02
Phosphorus				3.7E-10	1.4E-08							1.4E-08
Selenium	5.5E-14			8.1E-15	3.1E-13	8.7E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-20	8.4E-18	4.2E-07
Silver	4.2E-14			1.7E-10	6.3E-09							6.5E-09
Thallium (Soluble Salts)				2.7E-02								2.7E-02
Titanium												
Zinc	1.4E-11			6.1E-13	2.2E-11							3.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	6.9E-14	3.1E-15	1.3E-13							2.0E-13
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	1.2E-12	5.2E-14	2.1E-12							3.4E-12
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-686 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	2.8E-13	2.8E-04	1.2E-02	3.5E-05	3.9E-03	4.9E-12	4.5E-10	1.6E-02
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	3.4E-11	1.5E-12	6.3E-11							1.1E-10
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	2.1E-03	6.2E-06	6.9E-04			2.8E-03
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.9E-10	8.5E-12	3.5E-10							5.6E-10
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.8E-10	1.2E-11	4.7E-10							8.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	1.1E-10	4.9E-12	1.9E-10	9.8E-10	3.9E-08	1.2E-10	1.3E-08	3.8E-15	3.3E-13	5.4E-08
Hexachlorobiphenyl	4.7E-11	2.6E-11	4.7E-10	2.2E-11	8.0E-10	4.1E-06	1.6E-04	5.1E-07	5.3E-05	1.7E-11	1.4E-09	2.2E-04
Monochlorobiphenyl	6.1E-10	9.8E-11	2.0E-09	8.3E-11	3.3E-09							6.0E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.6E-11	8.6E-13	2.7E-11							4.6E-11
Octachlorobiphenyl	3.4E-12	1.9E-12	3.4E-11	1.6E-12	5.8E-11							9.9E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.6E-09	8.0E-11	2.7E-09	4.6E-05	1.7E-03	5.7E-06	5.7E-04	2.0E-10	1.5E-08	2.3E-03
Tetrachlorobiphenyl	2.6E-11	5.4E-12	9.1E-11	4.5E-12	1.5E-10	2.3E-07	8.7E-06	2.9E-08	2.9E-06	2.3E-13	1.7E-11	1.2E-05
Trichlorobiphenyl	3.4E-11	6.5E-12	1.2E-10	5.5E-12	2.0E-10							3.6E-10
Pesticides												
DDE												
Dieldrin		9.4E-06		1.1E-05								2.1E-05
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	4.3E-06	1.7E-08	1.4E-06			5.9E-06
1,2-dichlorobenzene	3.1E-17					5.4E-10	9.7E-09	6.8E-11	3.2E-09			1.4E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	8.5E-08	2.4E-10	2.8E-08			1.2E-07
1,4-Dioxane						4.3E-03						4.3E-03

Table H-686 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	3.9E-06	1.2E-08	1.3E-06			5.3E-06
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	6.0E-09	4.0E-10	1.4E-08							2.1E-08
Butyl benzyl phthalate	8.8E-13	1.6E-14	3.3E-13	1.9E-14	7.9E-13							2.0E-12
Carbazole												
Dibenzofuran		1.4E-13	2.9E-12	5.7E-13	2.3E-11							2.6E-11
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	6.7E-13	3.9E-14	1.6E-12							1.9E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	8.7E-12	1.1E-12	2.1E-11							3.1E-11
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.0E-02						1.0E-02
Phenol	4.9E-13					1.5E-06	6.2E-05	1.9E-07	2.1E-05			8.5E-05
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	1.0E-09	3.3E-12	3.3E-10			1.4E-09
1,1-Dichloroethene	1.2E-19					1.3E-10	2.3E-09	1.6E-11	7.7E-10			3.2E-09
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	6.4E-06	4.5E-08	2.1E-06			9.0E-06
1,2,4-Trimethylbenzene						8.9E-07	2.8E-05	1.1E-07	9.4E-06			3.9E-05
1,2-Dibromoethane	4.1E-17					7.7E-09	1.4E-07	9.6E-10	4.6E-08			1.9E-07
1,2-Dichloroethane	1.9E-15					4.0E-07	1.5E-05	1.4E-04	5.0E-06			1.6E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	2.6E-07	8.3E-10	8.7E-08			3.6E-07
2-Chlorotoluene												

Table H-686 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Hexanone						2.3E-07	8.2E-06	2.8E-08	2.7E-06			1.1E-05
Benzene	4.9E-13					2.1E-03	1.1E-03	3.2E-04	3.8E-04			4.0E-03
Bromobenzene						6.2E-07	1.1E-05	7.8E-08	3.7E-06			1.5E-05
Bromochloromethane						2.2E-09	3.9E-08	2.8E-10	1.3E-08			5.5E-08
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	2.3E-05	9.5E-08	7.6E-06			3.1E-05
Carbon disulfide	1.3E-17					4.8E-09	1.4E-07	6.0E-10	4.7E-08			1.9E-07
Carbon tetrachloride	3.4E-17					1.3E-03	3.9E-08	1.5E-04	1.3E-08			1.5E-03
Chlorobenzene	2.3E-15					9.6E-08	3.4E-06	1.2E-08	1.1E-06			4.7E-06
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	3.2E-08	1.1E-10	1.1E-08			4.3E-08
Chloroform	2.8E-16					4.4E-04	3.9E-07	2.4E-05	1.3E-07			4.7E-04
Chloromethane						3.4E-07	1.0E-05	4.3E-08	3.5E-06			1.4E-05
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	9.1E-07	6.4E-09	3.0E-07			1.3E-06
Dichlorodifluoromethane	2.4E-20					2.5E-09	4.4E-08	3.1E-10	1.5E-08			6.2E-08
Ethylbenzene	1.5E-14					3.7E-05	7.4E-06	2.4E-08	2.5E-06			4.6E-05
Isopropylbenzene	2.0E-17					3.9E-08	1.3E-06	4.9E-09	4.5E-07			1.8E-06
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.1E-09	1.5E-11	7.1E-10			3.0E-09
Methylene chloride	4.3E-15					3.0E-08	1.1E-06	3.8E-09	3.7E-07			1.5E-06
n-Butylbenzene												
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07			4.2E-07
o-Xylene	1.4E-15					2.3E-07	7.6E-06	2.9E-08	2.5E-06			1.0E-05
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.9E-05	6.4E-08	6.2E-06			2.5E-05
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	1.1E-07	3.8E-10	3.5E-08			1.4E-07
Toluene	2.0E-14					6.3E-08	2.5E-06	7.9E-09	8.3E-07			3.4E-06
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					5.0E-03	6.5E-08	4.5E-10	2.2E-08			5.0E-03

Table H-686 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					1.4E-04	1.2E-06	6.2E-09	4.0E-07			1.4E-04
Grand Total	5.0E-09	2.0E-03	1.1E-06	2.1E-01	5.8E-05	2.6E-02	7.7E-02	1.0E-03	2.6E-02	7.0E-03	3.2E-07	3.5E-01

Table H-687 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			1.4E-10	1.7E-11		1.5E-10
Formaldehyde			2.7E-06	4.3E-11		2.7E-06
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	6.9E-14	2.7E-13	1.4E-11	1.7E-12	3.9E-18	1.6E-11
1,2,3,4,6,7,8-HpCDF	7.0E-14	2.8E-13	1.4E-11	1.7E-12	4.0E-18	1.6E-11
1,2,3,4,7,8,9-HpCDF	8.0E-15	3.2E-14	1.8E-12	2.2E-13	4.5E-19	2.0E-12
1,2,3,4,7,8-HxCDD	7.9E-14	3.1E-13	1.7E-11	2.1E-12	4.4E-18	1.9E-11
1,2,3,4,7,8-HxCDF	6.2E-13	2.5E-12	1.3E-10	1.7E-11	3.5E-17	1.5E-10
1,2,3,6,7,8-HxCDD	1.6E-13	6.3E-13	3.5E-11	4.4E-12	9.1E-18	4.0E-11
1,2,3,6,7,8-HxCDF	2.0E-13	8.1E-13	4.4E-11	5.5E-12	1.2E-17	5.0E-11
1,2,3,7,8,9-HxCDD	2.5E-13	1.0E-12	5.3E-11	6.6E-12	1.4E-17	6.1E-11
1,2,3,7,8,9-HxCDF	1.5E-14	5.8E-14	3.4E-12	4.2E-13	8.2E-19	3.8E-12
1,2,3,7,8-PeCDD	8.9E-13	3.5E-12	2.1E-10	2.6E-11	5.0E-17	2.4E-10

Table H-687 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	5.2E-14	2.1E-13	1.5E-11	1.9E-12	2.9E-18	1.7E-11
2,3,4,6,7,8-HxCDF	3.2E-13	1.3E-12	6.8E-11	8.5E-12	1.8E-17	7.8E-11
2,3,4,7,8-PeCDF	1.2E-12	4.9E-12	3.4E-10	4.2E-11	7.1E-17	3.8E-10
2,3,7,8-TCDD	1.8E-13	7.1E-13	8.4E-11	1.1E-11	7.1E-15	9.6E-11
2,3,7,8-TCDF	3.3E-14	1.3E-13	3.1E-11	3.9E-12	1.9E-18	3.5E-11
OCDD	4.7E-16	1.8E-15	9.2E-14	1.1E-14	2.6E-20	1.1E-13
OCDF	1.8E-16	7.1E-16	3.4E-14	4.3E-15	1.0E-20	4.0E-14
HCN						
Hydrogen cyanide						
Metals						
Aluminum						
Antimony						
Arsenic	1.7E-07	4.1E-07	1.1E-10	1.4E-11	9.7E-11	5.9E-07
Barium						
Beryllium			4.4E-12	5.5E-13	5.3E-21	5.0E-12
Cadmium			5.8E-11	7.3E-12	3.1E-21	6.6E-11
Chromium						
Cobalt			3.8E-09	4.7E-10	6.2E-10	4.9E-09
Copper						
Iron						
Lead						
Manganese						
Mercury (+2)						

Table H-687 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental						
Methyl Mercury						
Nickel			3.9E-11	4.8E-12	3.0E-10	3.5E-10
Phosphorus						
Selenium						
Silver						
Thallium (Soluble Salts)						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.0E-19	2.7E-19				5.7E-19
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	5.2E-09	4.7E-09	1.4E-11	1.8E-12	1.1E-11	9.9E-09
Benzo(a)pyrene	5.3E-08	4.8E-08	5.5E-11	6.9E-12	3.6E-13	1.0E-07
Benzo(b)fluoranthene	9.4E-09	8.6E-09	6.2E-12	7.7E-13	6.3E-14	1.8E-08

Table H-687 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	3.8E-10	3.5E-10	5.5E-14	6.9E-15	2.6E-14	7.3E-10
Biphenyl		1.1E-18				1.1E-18
Chrysene	7.4E-11	6.7E-11	2.4E-12	3.0E-13	4.9E-15	1.4E-10
Dibenze(a,h)anthracene	9.4E-14	8.5E-14	9.5E-12	1.2E-12	6.9E-19	1.1E-11
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	2.9E-09	2.7E-09	2.9E-12	3.6E-13	2.0E-14	5.6E-09
Napthalene			2.2E-10	2.7E-11		2.4E-10
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Partic						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	1.7E-18	1.5E-18	8.0E-14	9.9E-15	3.9E-20	8.9E-14
Heptachlorobiphenyl	5.7E-18	4.8E-18	3.1E-14	3.9E-15	7.0E-20	3.5E-14
Hexachlorobiphenyl	2.6E-17	2.2E-17	1.3E-13	1.6E-14	3.2E-19	1.5E-13
Monochlorobiphenyl	1.2E-17	1.0E-17	5.5E-13	6.9E-14	2.7E-19	6.2E-13
Nonachlorobiphenyl	1.0E-18	8.5E-19	4.4E-15	5.5E-16	1.2E-20	4.9E-15

Table H-687 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Octachlorobiphenyl	1.9E-18	1.6E-18	9.5E-15	1.2E-15	2.3E-20	1.1E-14
Pentachlorobiphenyl	9.3E-17	7.9E-17	4.5E-13	5.6E-14	1.1E-18	5.0E-13
Tetrachlorobiphenyl	6.6E-19	5.6E-19	2.6E-14	3.2E-15	1.5E-20	2.9E-14
Trichlorobiphenyl	7.9E-19	6.7E-19	3.3E-14	4.1E-15	1.8E-20	3.7E-14
Pesticides						
DDE		1.0E-07			9.0E-10	1.0E-07
Dieldrin	1.8E-08	2.2E-08			3.1E-13	4.0E-08
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-dichlorobenzene						
1,4-dichlorobenzene			7.2E-13	8.9E-14		8.1E-13
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	4.0E-15	4.8E-15	2.0E-11	2.4E-12	4.0E-20	2.2E-11
Butyl benzyl phthalate	2.7E-19	3.1E-19				5.8E-19

Table H-687 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			4.2E-11	5.2E-12		4.7E-11
Isopropanol						
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			4.3E-14	5.4E-15		4.8E-14
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			1.8E-12	2.2E-13		2.0E-12
1,2-Dichloroethane			2.5E-08	1.1E-09		2.7E-08
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						

Table H-687 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
2-Chlorotoluene						
2-Hexanone						
Benzene			2.7E-07	3.2E-09		2.8E-07
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			1.5E-13	1.9E-14		1.7E-13
Bromomethane						
Carbon disulfide						
Carbon tetrachloride			4.0E-08	4.0E-09		4.4E-08
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			3.6E-08	2.4E-09		3.8E-08
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			2.3E-08	2.6E-12		2.3E-08
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			7.7E-15	9.7E-16		8.7E-15

Table H-687 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethene			1.3E-15	1.7E-16		1.5E-15
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			8.8E-10	1.6E-16		8.8E-10
Trichlorofluoromethane						
Vinyl chloride			9.3E-13	1.2E-13		1.1E-12
Grand Total	2.6E-07	6.0E-07	3.1E-06	1.1E-08	1.9E-09	4.0E-06

Table H-688 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			4.2E-05	5.2E-06		4.7E-05
Aldehydes						
Acetaldehyde			1.6E-04	2.0E-05		1.8E-04
Formaldehyde			4.9E-01	7.9E-06		4.9E-01
Propionaldehyde			2.0E-05	2.5E-06	2.1E-12	2.2E-05
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-688 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	7.9E-08	3.1E-07	1.3E-06	1.6E-07	1.8E-10	1.8E-06
2,3,7,8-TCDF						
OCDD						
OCDF						
HCN						
Hydrogen cyanide			2.0E-04	2.5E-05		2.2E-04
Metals						
Aluminum		1.2E-02			1.1E-04	1.2E-02
Antimony		1.9E-03				1.9E-03
Arsenic	9.1E-03	2.1E-02	4.0E-05	4.9E-06	3.5E-05	3.1E-02
Barium		2.2E-08	2.5E-04	3.1E-05	4.3E-10	2.8E-04
Beryllium		5.2E-13	2.1E-06	2.7E-07	2.6E-15	2.4E-06
Cadmium		8.2E-13	7.6E-05	9.5E-06	4.0E-15	8.5E-05
Chromium		6.4E-11				6.4E-11
Cobalt		1.1E-01	1.6E-03	2.0E-04	2.7E-04	1.1E-01
Copper		1.1E-08				1.1E-08
Iron		3.9E-02				3.9E-02
Lead						
Manganese						
Mercury (+2)		2.1E-10	7.8E-08	9.8E-09	1.0E-14	8.8E-08

Table H-688 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental			3.3E-10	4.1E-11	1.7E-04	1.7E-04
Methyl Mercury		3.8E-11				3.8E-11
Nickel		2.8E-02	3.9E-05	4.8E-06	3.0E-04	2.8E-02
Phosphorus		3.7E-10				3.7E-10
Selenium		8.1E-15	8.7E-09	1.1E-09	9.9E-20	9.8E-09
Silver		1.7E-10				1.7E-10
Thallium (Soluble Salts)		8.1E-03				8.1E-03
Titanium						
Zinc		6.1E-13				6.1E-13
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.4E-15	3.1E-15				6.5E-15
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	5.8E-14	5.2E-14				1.1E-13
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						

Table H-688 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						
Biphenyl		6.7E-15	2.8E-04	3.5E-05	4.9E-12	3.1E-04
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	1.7E-12	1.5E-12				3.2E-12
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene			5.0E-05	6.2E-06		5.6E-05
Perylene						
Phenanthrene						
Pyrene	9.3E-12	8.5E-12				1.8E-11
Particulate						
Particulate Total Suspended Partic						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	1.4E-11	1.2E-11				2.6E-11
Heptachlorobiphenyl	5.8E-12	4.9E-12	9.8E-10	1.2E-10	3.8E-15	1.1E-09
Hexachlorobiphenyl	2.6E-11	2.2E-11	4.1E-06	5.1E-07	1.7E-11	4.6E-06
Monochlorobiphenyl	9.8E-11	8.3E-11				1.8E-10
Nonachlorobiphenyl	1.0E-12	8.6E-13				1.9E-12

Table H-688 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Octachlorobiphenyl	1.9E-12	1.6E-12				3.5E-12
Pentachlorobiphenyl	9.4E-11	8.0E-11	4.6E-05	5.7E-06	2.0E-10	5.1E-05
Tetrachlorobiphenyl	5.4E-12	4.5E-12	2.3E-07	2.9E-08	2.3E-13	2.6E-07
Trichlorobiphenyl	6.5E-12	5.5E-12				1.2E-11
Pesticides						
DDE						
Dieldrin	5.4E-04	6.3E-04				1.2E-03
SVOCs						
1,2,4-trichlorobenzene			1.3E-07	1.7E-08		1.5E-07
1,2-dichlorobenzene			5.4E-10	6.8E-11		6.1E-10
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.9E-09	2.4E-10		2.1E-09
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			9.3E-08	1.2E-08		1.0E-07
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-10	4.0E-10				7.4E-10
Butyl benzyl phthalate	1.6E-14	1.9E-14				3.6E-14

Table H-688 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbazole						
Dibenzofuran	1.4E-13	5.7E-13				7.1E-13
Dimethyl phthalate						
Di-n-butyl phthalate	3.3E-14	3.9E-14				7.1E-14
Di-n-octyl phthalate	9.4E-13	1.1E-12				2.1E-12
Hexachlorobutadiene						
Isopropanol			3.0E-02			3.0E-02
Phenol			1.5E-06	1.9E-07		1.7E-06
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			2.7E-11	3.3E-12		3.0E-11
1,1-Dichloroethene			1.3E-10	1.6E-11		1.5E-10
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.6E-07	4.5E-08		4.1E-07
1,2,4-Trimethylbenzene			8.9E-07	1.1E-07		1.0E-06
1,2-Dibromoethane			7.7E-09	9.6E-10		8.6E-09
1,2-Dichloroethane			3.3E-03	1.4E-04		3.4E-03
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone			6.6E-09	8.3E-10		7.4E-09

Table H-688 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
2-Chlorotoluene						
2-Hexanone			2.3E-07	2.8E-08		2.5E-07
Benzene			2.7E-02	3.2E-04		2.8E-02
Bromobenzene			6.2E-07	7.8E-08		7.0E-07
Bromochloromethane			2.2E-09	2.8E-10		2.5E-09
Bromodichloromethane						
Bromomethane			7.6E-07	9.5E-08		8.6E-07
Carbon disulfide			4.8E-09	6.0E-10		5.4E-09
Carbon tetrachloride			1.6E-03	1.5E-04		1.7E-03
Chlorobenzene			9.6E-08	1.2E-08		1.1E-07
Chlorodibromomethane						
Chloroethane			9.1E-10	1.1E-10		1.0E-09
Chloroform			3.7E-04	2.4E-05		4.0E-04
Chloromethane			3.4E-07	4.3E-08		3.9E-07
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			5.1E-08	6.4E-09		5.7E-08
Dichlorodifluoromethane			2.5E-09	3.1E-10		2.8E-09
Ethylbenzene			2.1E-04	2.4E-08		2.1E-04
Isopropylbenzene			3.9E-08	4.9E-09		4.4E-08
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.2E-10	1.5E-11		1.3E-10
Methylene chloride			3.0E-08	3.8E-09		3.4E-08

Table H-688 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene			9.4E-09	1.2E-09		1.1E-08
o-Xylene			2.3E-07	2.9E-08		2.6E-07
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			5.1E-07	6.4E-08		5.7E-07
tert-Butylbenzene						
Tetrachloroethene			3.0E-09	3.8E-10		3.4E-09
Toluene			6.3E-08	7.9E-09		7.1E-08
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			2.5E-03	4.5E-10		2.5E-03
Trichlorofluoromethane						
Vinyl chloride			5.0E-08	6.2E-09		5.6E-08
Grand Total	9.6E-03	2.2E-01	5.6E-01	1.0E-03	8.9E-04	7.9E-01

Table H-689 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.4E-10	3.2E-10	1.7E-11	1.7E-11			4.9E-10
Formaldehyde						2.7E-06	7.9E-10	4.3E-11	4.3E-11			2.7E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	6.9E-17	6.9E-14	9.7E-14	2.7E-13	7.6E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	3.9E-18	2.4E-17	5.0E-11
1,2,3,4,6,7,8-HpCDF	6.7E-17	7.0E-14	9.8E-14	2.8E-13	7.7E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	4.0E-18	2.4E-17	5.1E-11
1,2,3,4,7,8,9-HpCDF	1.0E-17	8.0E-15	1.1E-14	3.2E-14	8.9E-14	1.8E-12	4.1E-12	2.2E-13	2.2E-13	4.5E-19	2.8E-18	6.4E-12
1,2,3,4,7,8-HxCDD	7.8E-16	7.9E-14	1.1E-13	3.1E-13	8.7E-13	1.7E-11	3.8E-11	2.1E-12	2.1E-12	4.4E-18	2.7E-17	6.0E-11
1,2,3,4,7,8-HxCDF	5.3E-15	6.2E-13	8.7E-13	2.5E-12	6.9E-12	1.3E-10	3.1E-10	1.7E-11	1.7E-11	3.5E-17	2.2E-16	4.9E-10
1,2,3,6,7,8-HxCDD	1.5E-15	1.6E-13	2.2E-13	6.3E-13	1.8E-12	3.5E-11	8.0E-11	4.4E-12	4.4E-12	9.1E-18	5.6E-17	1.3E-10
1,2,3,6,7,8-HxCDF	2.0E-15	2.0E-13	2.9E-13	8.1E-13	2.3E-12	4.4E-11	1.0E-10	5.5E-12	5.5E-12	1.2E-17	7.1E-17	1.6E-10
1,2,3,7,8,9-HxCDD	2.2E-15	2.5E-13	3.5E-13	1.0E-12	2.8E-12	5.3E-11	1.2E-10	6.6E-12	6.6E-12	1.4E-17	8.8E-17	1.9E-10
1,2,3,7,8,9-HxCDF	1.6E-16	1.5E-14	2.0E-14	5.8E-14	1.6E-13	3.4E-12	7.7E-12	4.2E-13	4.2E-13	8.2E-19	5.1E-18	1.2E-11
1,2,3,7,8-PeCDD	4.1E-14	8.9E-13	1.2E-12	3.5E-12	9.8E-12	2.1E-10	4.9E-10	2.6E-11	2.6E-11	5.0E-17	3.1E-16	7.7E-10
1,2,3,7,8-PeCDF	2.9E-15	5.2E-14	7.3E-14	2.1E-13	5.8E-13	1.5E-11	3.5E-11	1.9E-12	1.9E-12	2.9E-18	1.8E-17	5.4E-11
2,3,4,6,7,8-HxCDF	2.8E-15	3.2E-13	4.5E-13	1.3E-12	3.5E-12	6.8E-11	1.6E-10	8.5E-12	8.5E-12	1.8E-17	1.1E-16	2.5E-10
2,3,4,7,8-PeCDF	4.5E-14	1.2E-12	1.7E-12	4.9E-12	1.4E-11	3.4E-10	7.8E-10	4.2E-11	4.2E-11	7.1E-17	4.3E-16	1.2E-09
2,3,7,8-TCDD	1.4E-14	1.8E-13	2.5E-13	7.1E-13	2.0E-12	8.4E-11	1.9E-10	1.1E-11	1.1E-11	7.1E-15	4.3E-14	3.0E-10
2,3,7,8-TCDF	4.5E-15	3.3E-14	4.6E-14	1.3E-13	3.6E-13	3.1E-11	7.2E-11	3.9E-12	3.9E-12	1.9E-18	1.1E-17	1.1E-10
OCDD	9.2E-21	4.7E-16	6.6E-16	1.8E-15	5.2E-15	9.2E-14	2.1E-13	1.1E-14	1.1E-14	2.6E-20	1.6E-19	3.3E-13
OCDF	3.4E-21	1.8E-16	2.5E-16	7.1E-16	2.0E-15	3.4E-14	7.9E-14	4.3E-15	4.3E-15	1.0E-20	6.3E-20	1.3E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-689 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	5.2E-17	1.7E-07	1.5E-08	4.1E-07	7.0E-08	1.1E-10	2.5E-10	1.4E-11	1.4E-11	9.7E-11	3.6E-11	6.7E-07
Barium												
Beryllium						4.4E-12	1.0E-11	5.5E-13	5.5E-13	5.3E-21	3.2E-20	1.6E-11
Cadmium						5.8E-11	1.3E-10	7.3E-12	7.3E-12	3.1E-21	1.9E-20	2.1E-10
Chromium												
Cobalt						3.8E-09	8.8E-09	4.7E-10	4.7E-10	6.2E-10	1.5E-09	1.6E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.9E-11	8.9E-11	4.8E-12	4.8E-12	3.0E-10	8.5E-10	1.3E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.0E-19	4.1E-19	2.7E-19	7.5E-19							1.7E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.9E-13	5.2E-09	1.6E-08	4.7E-09	2.9E-08	1.4E-11	3.3E-11	1.8E-12	1.8E-12	1.1E-11	6.6E-11	5.5E-08
Benzo(a)pyrene	9.6E-13	5.3E-08	1.8E-07	4.8E-08	3.2E-07	5.5E-11	1.3E-10	6.9E-12	6.9E-12	3.6E-13	5.2E-12	6.0E-07
Benzo(b)fluoranthene	2.6E-14	9.4E-09	2.5E-08	8.6E-09	4.5E-08	6.2E-12	1.4E-11	7.7E-13	7.7E-13	6.3E-14	7.3E-13	8.8E-08
Benzo(e)pyrene												

Table H-689 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	2.1E-17	3.8E-10	1.2E-09	3.5E-10	2.3E-09	5.5E-14	1.3E-13	6.9E-15	6.9E-15	2.6E-14	3.7E-13	4.2E-09
Biphenyl				1.1E-18	3.2E-18							4.3E-18
Chrysene	3.3E-16	7.4E-11	1.8E-10	6.7E-11	3.3E-10	2.4E-12	5.6E-12	3.0E-13	3.0E-13	4.9E-15	5.3E-14	6.6E-10
Dibenze(a,h)anthracene	4.9E-14	9.4E-14	4.4E-08	8.5E-14	7.9E-08	9.5E-12	2.2E-11	1.2E-12	1.2E-12	6.9E-19	1.4E-12	1.2E-07
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.2E-14	2.9E-09	1.1E-08	2.7E-09	2.1E-08	2.9E-12	6.7E-12	3.6E-13	3.6E-13	2.0E-14	3.4E-13	3.8E-08
Napthalene						2.2E-10	5.0E-10	2.7E-11	2.7E-11			7.7E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.8E-17	1.7E-18	2.4E-18	1.5E-18	4.1E-18	8.0E-14	1.8E-13	9.9E-15	9.9E-15	3.9E-20	2.4E-19	2.8E-13
Heptachlorobiphenyl	2.0E-17	5.7E-18	8.0E-18	4.8E-18	1.4E-17	3.1E-14	7.2E-14	3.9E-15	3.9E-15	7.0E-20	4.3E-19	1.1E-13
Hexachlorobiphenyl	8.0E-17	2.6E-17	3.6E-17	2.2E-17	6.1E-17	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.2E-19	1.9E-18	4.6E-13
Monochlorobiphenyl	1.3E-16	1.2E-17	1.7E-17	1.0E-17	2.8E-17	5.5E-13	1.3E-12	6.9E-14	6.9E-14	2.7E-19	1.7E-18	2.0E-12
Nonachlorobiphenyl	2.5E-18	1.0E-18	1.4E-18	8.5E-19	2.4E-18	4.4E-15	1.0E-14	5.5E-16	5.5E-16	1.2E-20	7.6E-20	1.6E-14
Octachlorobiphenyl	5.8E-18	1.9E-18	2.6E-18	1.6E-18	4.4E-18	9.5E-15	2.2E-14	1.2E-15	1.2E-15	2.3E-20	1.4E-19	3.4E-14
Pentachlorobiphenyl	2.6E-16	9.3E-17	1.3E-16	7.9E-17	2.2E-16	4.5E-13	1.0E-12	5.6E-14	5.6E-14	1.1E-18	7.0E-18	1.6E-12
Tetrachlorobiphenyl	5.4E-18	6.6E-19	9.2E-19	5.6E-19	1.6E-18	2.6E-14	6.0E-14	3.2E-15	3.2E-15	1.5E-20	9.2E-20	9.2E-14
Trichlorobiphenyl	7.1E-18	7.9E-19	1.1E-18	6.7E-19	1.9E-18	3.3E-14	7.6E-14	4.1E-15	4.1E-15	1.8E-20	1.1E-19	1.2E-13
Pesticides												
DDE				1.0E-07	3.2E-09					9.0E-10	5.6E-09	1.1E-07
Dieldrin		1.8E-08	6.8E-09	2.2E-08	1.6E-08					3.1E-13	5.0E-13	6.3E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	2.1E-20					7.2E-13	1.7E-12	8.9E-14	8.9E-14			2.5E-12
2,4-Dimethylphenol												

Table H-689 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.9E-16	4.0E-15	5.6E-15	4.8E-15	1.3E-14	2.0E-11	4.5E-11	2.4E-12	2.4E-12	4.0E-20	2.5E-19	7.0E-11
Butyl benzyl phthalate	1.4E-17	2.7E-19	3.7E-19	3.1E-19	8.8E-19							1.6E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	2.3E-17					4.2E-11	9.7E-11	5.2E-12	5.2E-12			1.5E-10
Isopropanol												
p-Chloroaniline			2.8E-09		6.6E-09							9.4E-09
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	3.0E-21					4.3E-14	9.9E-14	5.4E-15	5.4E-15			1.5E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.4E-18											1.4E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	3.2E-20					1.8E-12	4.1E-12	2.2E-13	2.2E-13			6.3E-12
1,2-Dichloroethane	4.5E-20					2.5E-08	4.9E-08	1.1E-09	1.1E-09			7.6E-08
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												

Table H-689 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone												
Benzene	4.7E-18					2.7E-07	9.0E-08	3.2E-09	3.2E-09			3.7E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	8.3E-22					1.5E-13	5.4E-07	1.9E-14	1.9E-14			5.4E-07
Bromoform							7.2E-08					7.2E-08
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	4.0E-22					4.0E-08	1.0E-07	4.0E-09	4.0E-09			1.5E-07
Chlorobenzene												
Chlorodibromomethane	6.6E-20											6.6E-20
Chloroethane												
Chloroform	3.7E-21					3.6E-08	7.8E-07	2.4E-09	2.4E-09			8.2E-07
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	7.0E-19					2.3E-08	2.4E-08	2.6E-12	2.6E-12			4.7E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	2.2E-21					7.7E-15	1.8E-14	9.7E-16	9.7E-16			2.8E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.9E-23					1.3E-15	3.1E-15	1.7E-16	1.7E-16			4.8E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												

Table H-689 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichloroethene	1.3E-23					8.8E-10	7.9E-08	1.6E-16	1.6E-16			8.0E-08
Trichlorofluoromethane												
Vinyl chloride	1.5E-20					9.3E-13	2.2E-12	1.2E-13	1.2E-13			3.3E-12
Grand Total	1.4E-12	2.6E-07	3.0E-07	6.0E-07	5.9E-07	3.1E-06	1.7E-06	1.1E-08	1.1E-08	1.9E-09	8.1E-09	6.6E-06

Table H-690 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					4.9E-01	1.5E-04	7.9E-06	7.9E-06			4.9E-01
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.2E-02	2.0E-02					1.1E-04	4.2E-04	3.2E-02
Antimony	3.9E-14			1.9E-03	3.6E-03							5.5E-03

Table H-690 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	9.1E-03	7.7E-04	2.1E-02	3.6E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	3.5E-05	1.3E-05	3.5E-02
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt	1.1E-01			1.1E-01	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.7E-04	6.6E-04	2.4E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				3.9E-02	5.4E-02							9.3E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.7E-04	1.1E-03	1.2E-03
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.8E-02	3.5E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.0E-04	8.5E-04	6.5E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Thallium (Soluble Salts)				8.1E-03	1.7E-02							2.5E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-690 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
DDE												
Dieldrin		5.4E-04	2.0E-04	6.3E-04	4.7E-04							1.8E-03
SVOCs												
1,2,4-trichlorobenzene								1.3E-07	3.1E-07	1.7E-08	1.7E-08	4.8E-07
1,2-dichlorobenzene	3.1E-17							5.4E-10	1.3E-09	6.8E-11	6.8E-11	1.9E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15							1.9E-09	4.4E-09	2.4E-10	2.4E-10	6.8E-09
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-690 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						3.0E-02	1.1E-02					4.1E-02
p-Chloroaniline			8.2E-05		1.9E-04							2.8E-04
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					3.3E-03	6.3E-03	1.4E-04	1.4E-04			9.8E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												

Table H-690 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.7E-02	9.0E-03	3.2E-04	3.2E-04			3.7E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromoform												
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.6E-03	3.9E-03	1.5E-04	1.5E-04			5.8E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					3.7E-04	8.1E-03	2.4E-05	2.4E-05			8.5E-03
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					2.1E-04	2.2E-04	2.4E-08	2.4E-08			4.4E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
n-Propylbenzene						2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
o-Xylene	1.4E-15											
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												

Table H-690 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Trichloroethene	1.4E-17					2.5E-03	2.2E-01	4.5E-10	4.5E-10			2.3E-01
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	5.0E-09	9.6E-03	1.0E-03	2.2E-01	2.6E-01	5.6E-01	2.7E-01	1.0E-03	1.0E-03	8.9E-04	3.0E-03	1.3E+00

Table H-691 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.4E-10	3.2E-10	1.7E-11	1.7E-11			4.9E-10
Formaldehyde						2.7E-06	2.2E-05	4.3E-11	4.3E-11			2.5E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	6.9E-17	6.9E-14	9.7E-14	2.7E-13	7.6E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	3.9E-18	2.4E-17	5.0E-11
1,2,3,4,6,7,8-HpCDF	6.7E-17	7.0E-14	9.8E-14	2.8E-13	7.7E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	4.0E-18	2.4E-17	5.1E-11
1,2,3,4,7,8,9-HpCDF	1.0E-17	8.0E-15	1.1E-14	3.2E-14	8.9E-14	1.8E-12	4.1E-12	2.2E-13	2.2E-13	4.5E-19	2.8E-18	6.4E-12
1,2,3,4,7,8-HxCDD	7.8E-16	7.9E-14	1.1E-13	3.1E-13	8.7E-13	1.7E-11	3.8E-11	2.1E-12	2.1E-12	4.4E-18	2.7E-17	6.0E-11
1,2,3,4,7,8-HxCDF	5.3E-15	6.2E-13	8.7E-13	2.5E-12	6.9E-12	1.3E-10	3.1E-10	1.7E-11	1.7E-11	3.5E-17	2.2E-16	4.9E-10
1,2,3,6,7,8-HxCDD	1.5E-15	1.6E-13	2.2E-13	6.3E-13	1.8E-12	3.5E-11	8.0E-11	4.4E-12	4.4E-12	9.1E-18	5.6E-17	1.3E-10
1,2,3,6,7,8-HxCDF	2.0E-15	2.0E-13	2.9E-13	8.1E-13	2.3E-12	4.4E-11	1.0E-10	5.5E-12	5.5E-12	1.2E-17	7.1E-17	1.6E-10
1,2,3,7,8,9-HxCDD	2.2E-15	2.5E-13	3.5E-13	1.0E-12	2.8E-12	5.3E-11	1.2E-10	6.6E-12	6.6E-12	1.4E-17	8.8E-17	1.9E-10
1,2,3,7,8,9-HxCDF	1.6E-16	1.5E-14	2.0E-14	5.8E-14	1.6E-13	3.4E-12	7.7E-12	4.2E-13	4.2E-13	8.2E-19	5.1E-18	1.2E-11
1,2,3,7,8-PeCDD	4.1E-14	8.9E-13	1.2E-12	3.5E-12	9.8E-12	2.1E-10	4.9E-10	2.6E-11	2.6E-11	5.0E-17	3.1E-16	7.7E-10
1,2,3,7,8-PeCDF	2.9E-15	5.2E-14	7.3E-14	2.1E-13	5.8E-13	1.5E-11	3.5E-11	1.9E-12	1.9E-12	2.9E-18	1.8E-17	5.4E-11
2,3,4,6,7,8-HxCDF	2.8E-15	3.2E-13	4.5E-13	1.3E-12	3.5E-12	6.8E-11	1.6E-10	8.5E-12	8.5E-12	1.8E-17	1.1E-16	2.5E-10
2,3,4,7,8-PeCDF	4.5E-14	1.2E-12	1.7E-12	4.9E-12	1.4E-11	3.4E-10	7.8E-10	4.2E-11	4.2E-11	7.1E-17	4.3E-16	1.2E-09
2,3,7,8-TCDD	1.4E-14	1.8E-13	2.5E-13	7.1E-13	2.0E-12	8.4E-11	1.9E-10	1.1E-11	1.1E-11	7.1E-15	4.3E-14	3.0E-10
2,3,7,8-TCDF	4.5E-15	3.3E-14	4.6E-14	1.3E-13	3.6E-13	3.1E-11	7.2E-11	3.9E-12	3.9E-12	1.9E-18	1.1E-17	1.1E-10
OCDD	9.2E-21	4.7E-16	6.6E-16	1.8E-15	5.2E-15	9.2E-14	2.1E-13	1.1E-14	1.1E-14	2.6E-20	1.6E-19	3.3E-13
OCDF	3.4E-21	1.8E-16	2.5E-16	7.1E-16	2.0E-15	3.4E-14	7.9E-14	4.3E-15	4.3E-15	1.0E-20	6.3E-20	1.3E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-691 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	5.2E-17	1.7E-07	2.9E-08	4.1E-07	1.4E-07	1.1E-10	2.5E-10	1.4E-11	1.4E-11	9.7E-11	7.1E-11	7.6E-07
Barium												
Beryllium						4.4E-12	1.0E-11	5.5E-13	5.5E-13	5.3E-21	3.2E-20	1.6E-11
Cadmium						5.8E-11	1.3E-10	7.3E-12	7.3E-12	3.1E-21	1.9E-20	2.1E-10
Chromium												
Cobalt						3.8E-09	8.8E-09	4.7E-10	4.7E-10	6.2E-10	1.5E-09	1.6E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.9E-11	8.9E-11	4.8E-12	4.8E-12	3.0E-10	9.5E-10	1.4E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.0E-19	4.1E-19	2.7E-19	7.5E-19							1.7E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.9E-13	5.2E-09	7.9E-14	4.7E-09	1.4E-13	1.4E-11	3.3E-11	1.8E-12	1.8E-12	1.1E-11	6.6E-11	1.0E-08
Benzo(a)pyrene	9.6E-13	5.3E-08	3.6E-13	4.8E-08	6.6E-13	5.5E-11	1.3E-10	6.9E-12	6.9E-12	3.6E-13	1.1E-17	1.0E-07
Benzo(b)fluoranthene	2.6E-14	9.4E-09	2.1E-15	8.6E-09	3.8E-15	6.2E-12	1.4E-11	7.7E-13	7.7E-13	6.3E-14	6.2E-20	1.8E-08
Benzo(e)pyrene												

Table H-691 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	2.1E-17	3.8E-10	2.6E-16	3.5E-10	4.7E-16	5.5E-14	1.3E-13	6.9E-15	6.9E-15	2.6E-14	7.7E-20	7.3E-10
Biphenyl				1.1E-18	3.2E-18							4.3E-18
Chrysene	3.3E-16	7.4E-11	1.0E-15	6.7E-11	1.9E-15	2.4E-12	5.6E-12	3.0E-13	3.0E-13	4.9E-15	3.1E-19	1.5E-10
Dibenze(a,h)anthracene	4.9E-14	9.4E-14	1.3E-13	8.5E-14	2.4E-13	9.5E-12	2.2E-11	1.2E-12	1.2E-12	6.9E-19	4.2E-18	3.5E-11
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.2E-14	2.9E-09	3.6E-14	2.7E-09	6.6E-14	2.9E-12	6.7E-12	3.6E-13	3.6E-13	2.0E-14	1.1E-18	5.6E-09
Napthalene						2.2E-10	5.0E-10	2.7E-11	2.7E-11			7.7E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.8E-17	1.7E-18	2.4E-18	1.5E-18	4.1E-18	8.0E-14	1.8E-13	9.9E-15	9.9E-15	3.9E-20	2.4E-19	2.8E-13
Heptachlorobiphenyl	2.0E-17	5.7E-18	8.0E-18	4.8E-18	1.4E-17	3.1E-14	7.2E-14	3.9E-15	3.9E-15	7.0E-20	4.3E-19	1.1E-13
Hexachlorobiphenyl	8.0E-17	2.6E-17	3.6E-17	2.2E-17	6.1E-17	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.2E-19	1.9E-18	4.6E-13
Monochlorobiphenyl	1.3E-16	1.2E-17	1.7E-17	1.0E-17	2.8E-17	5.5E-13	1.3E-12	6.9E-14	6.9E-14	2.7E-19	1.7E-18	2.0E-12
Nonachlorobiphenyl	2.5E-18	1.0E-18	1.4E-18	8.5E-19	2.4E-18	4.4E-15	1.0E-14	5.5E-16	5.5E-16	1.2E-20	7.6E-20	1.6E-14
Octachlorobiphenyl	5.8E-18	1.9E-18	2.6E-18	1.6E-18	4.4E-18	9.5E-15	2.2E-14	1.2E-15	1.2E-15	2.3E-20	1.4E-19	3.4E-14
Pentachlorobiphenyl	2.6E-16	9.3E-17	1.3E-16	7.9E-17	2.2E-16	4.5E-13	1.0E-12	5.6E-14	5.6E-14	1.1E-18	7.0E-18	1.6E-12
Tetrachlorobiphenyl	5.4E-18	6.6E-19	9.2E-19	5.6E-19	1.6E-18	2.6E-14	6.0E-14	3.2E-15	3.2E-15	1.5E-20	9.2E-20	9.2E-14
Trichlorobiphenyl	7.1E-18	7.9E-19	1.1E-18	6.7E-19	1.9E-18	3.3E-14	7.6E-14	4.1E-15	4.1E-15	1.8E-20	1.1E-19	1.2E-13
Pesticides												
DDE				1.0E-07	1.1E-09					9.0E-10	5.6E-09	1.1E-07
Dieldrin		1.8E-08		2.2E-08						3.1E-13		4.0E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	2.1E-20					7.2E-13	1.7E-12	8.9E-14	8.9E-14			2.5E-12
2,4-Dimethylphenol												

Table H-691 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.9E-16	4.0E-15	5.6E-15	4.8E-15	1.3E-14	2.0E-11	4.5E-11	2.4E-12	2.4E-12	4.0E-20	2.5E-19	7.0E-11
Butyl benzyl phthalate	1.4E-17	2.7E-19	3.7E-19	3.1E-19	8.8E-19							1.6E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	2.3E-17					4.2E-11	9.7E-11	5.2E-12	5.2E-12			1.5E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	3.0E-21					4.3E-14	9.9E-14	5.4E-15	5.4E-15			1.5E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.4E-18											1.4E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	3.2E-20					1.8E-12	4.1E-12	2.2E-13	2.2E-13			6.3E-12
1,2-Dichloroethane	4.5E-20					2.5E-08	7.1E-12	1.1E-09	1.1E-09			2.8E-08
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-691 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	4.7E-18					2.7E-07	6.7E-10	3.2E-09	3.2E-09			2.8E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	8.3E-22					1.5E-13	3.5E-13	1.9E-14	1.9E-14			5.4E-13
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	4.0E-22					4.0E-08	1.3E-13	4.0E-09	4.0E-09			4.8E-08
Chlorobenzene												
Chlorodibromomethane	6.6E-20											6.6E-20
Chloroethane												
Chloroform	3.7E-21					3.6E-08	4.5E-12	2.4E-09	2.4E-09			4.1E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	7.0E-19					2.3E-08	4.8E-11	2.6E-12	2.6E-12			2.3E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	2.2E-21					7.7E-15	1.8E-14	9.7E-16	9.7E-16			2.8E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.9E-23					1.3E-15	3.1E-15	1.7E-16	1.7E-16			4.8E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.3E-23					8.8E-10	2.9E-15	1.6E-16	1.6E-16			8.8E-10
Trichlorofluoromethane												

Table H-691 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.5E-20					9.3E-13	2.2E-12	1.2E-13	1.2E-13			3.3E-12
Grand Total	1.4E-12	2.6E-07	2.9E-08	6.0E-07	1.4E-07	3.1E-06	2.2E-05	1.1E-08	1.1E-08	1.9E-09	8.2E-09	2.6E-05

Table H-692 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					4.9E-01	4.0E+00	7.9E-06	7.9E-06			4.5E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.2E-02	2.4E-02					1.1E-04	5.1E-04	3.6E-02
Antimony	3.9E-14			1.9E-03	1.2E-03							3.1E-03

Table H-692 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	9.1E-03	1.5E-03	2.1E-02	7.2E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	3.5E-05	2.6E-05	3.9E-02
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				1.1E-01	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.7E-04	6.7E-04	2.4E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				3.9E-02	5.7E-02							9.6E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.7E-04	1.1E-03	1.2E-03
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.8E-02	4.0E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.0E-04	9.5E-04	6.9E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Thallium (Soluble Salts)				8.1E-03	1.4E-02							2.3E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-692 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
DDE												
Dieldrin		5.4E-04		6.3E-04								1.2E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-692 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						3.0E-02						3.0E-02
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					3.3E-03	9.1E-07	1.4E-04	1.4E-04			3.5E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07

Table H-692 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					2.7E-02	6.7E-05	3.2E-04	3.2E-04			2.8E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.6E-03	5.0E-09	1.5E-04	1.5E-04			1.9E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					3.7E-04	4.6E-08	2.4E-05	2.4E-05			4.2E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					2.1E-04	4.5E-07	2.4E-08	2.4E-08			2.2E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.5E-03	8.4E-09	4.5E-10	4.5E-10			2.5E-03
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-692 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	5.0E-09	9.6E-03	1.5E-03	2.2E-01	2.7E-01	5.6E-01	4.0E+00	1.0E-03	1.0E-03	8.9E-04	3.2E-03	5.1E+00

Table H-693 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.4E-10	3.2E-10	1.7E-11	1.7E-11			4.9E-10
Formaldehyde						2.7E-06	1.5E-05	4.3E-11	4.3E-11			1.8E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	6.9E-17	6.9E-14	9.7E-14	2.7E-13	7.6E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	3.9E-18	2.4E-17	5.0E-11
1,2,3,4,6,7,8-HpCDF	6.7E-17	7.0E-14	9.8E-14	2.8E-13	7.7E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	4.0E-18	2.4E-17	5.1E-11
1,2,3,4,7,8,9-HpCDF	1.0E-17	8.0E-15	1.1E-14	3.2E-14	8.9E-14	1.8E-12	4.1E-12	2.2E-13	2.2E-13	4.5E-19	2.8E-18	6.4E-12
1,2,3,4,7,8-HxCDD	7.8E-16	7.9E-14	1.1E-13	3.1E-13	8.7E-13	1.7E-11	3.8E-11	2.1E-12	2.1E-12	4.4E-18	2.7E-17	6.0E-11
1,2,3,4,7,8-HxCDF	5.3E-15	6.2E-13	8.7E-13	2.5E-12	6.9E-12	1.3E-10	3.1E-10	1.7E-11	1.7E-11	3.5E-17	2.2E-16	4.9E-10
1,2,3,6,7,8-HxCDD	1.5E-15	1.6E-13	2.2E-13	6.3E-13	1.8E-12	3.5E-11	8.0E-11	4.4E-12	4.4E-12	9.1E-18	5.6E-17	1.3E-10
1,2,3,6,7,8-HxCDF	2.0E-15	2.0E-13	2.9E-13	8.1E-13	2.3E-12	4.4E-11	1.0E-10	5.5E-12	5.5E-12	1.2E-17	7.1E-17	1.6E-10
1,2,3,7,8,9-HxCDD	2.2E-15	2.5E-13	3.5E-13	1.0E-12	2.8E-12	5.3E-11	1.2E-10	6.6E-12	6.6E-12	1.4E-17	8.8E-17	1.9E-10
1,2,3,7,8,9-HxCDF	1.6E-16	1.5E-14	2.0E-14	5.8E-14	1.6E-13	3.4E-12	7.7E-12	4.2E-13	4.2E-13	8.2E-19	5.1E-18	1.2E-11
1,2,3,7,8-PeCDD	4.1E-14	8.9E-13	1.2E-12	3.5E-12	9.8E-12	2.1E-10	4.9E-10	2.6E-11	2.6E-11	5.0E-17	3.1E-16	7.7E-10
1,2,3,7,8-PeCDF	2.9E-15	5.2E-14	7.3E-14	2.1E-13	5.8E-13	1.5E-11	3.5E-11	1.9E-12	1.9E-12	2.9E-18	1.8E-17	5.4E-11
2,3,4,6,7,8-HxCDF	2.8E-15	3.2E-13	4.5E-13	1.3E-12	3.5E-12	6.8E-11	1.6E-10	8.5E-12	8.5E-12	1.8E-17	1.1E-16	2.5E-10
2,3,4,7,8-PeCDF	4.5E-14	1.2E-12	1.7E-12	4.9E-12	1.4E-11	3.4E-10	7.8E-10	4.2E-11	4.2E-11	7.1E-17	4.3E-16	1.2E-09
2,3,7,8-TCDD	1.4E-14	1.8E-13	2.5E-13	7.1E-13	2.0E-12	8.4E-11	1.9E-10	1.1E-11	1.1E-11	7.1E-15	4.3E-14	3.0E-10
2,3,7,8-TCDF	4.5E-15	3.3E-14	4.6E-14	1.3E-13	3.6E-13	3.1E-11	7.2E-11	3.9E-12	3.9E-12	1.9E-18	1.1E-17	1.1E-10
OCDD	9.2E-21	4.7E-16	6.6E-16	1.8E-15	5.2E-15	9.2E-14	2.1E-13	1.1E-14	1.1E-14	2.6E-20	1.6E-19	3.3E-13
OCDF	3.4E-21	1.8E-16	2.5E-16	7.1E-16	2.0E-15	3.4E-14	7.9E-14	4.3E-15	4.3E-15	1.0E-20	6.3E-20	1.3E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-693 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	5.2E-17	1.7E-07	1.2E-08	4.1E-07	5.5E-08	1.1E-10	2.5E-10	1.4E-11	1.4E-11	9.7E-11	2.9E-11	6.6E-07
Barium												
Beryllium						4.4E-12	1.0E-11	5.5E-13	5.5E-13	5.3E-21	3.2E-20	1.6E-11
Cadmium						5.8E-11	1.3E-10	7.3E-12	7.3E-12	3.1E-21	1.9E-20	2.1E-10
Chromium												
Cobalt						3.8E-09	8.8E-09	4.7E-10	4.7E-10	6.2E-10	2.6E-09	1.7E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.9E-11	8.9E-11	4.8E-12	4.8E-12	3.0E-10	1.6E-09	2.0E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.0E-19	4.1E-19	2.7E-19	7.5E-19							1.7E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.9E-13	5.2E-09	7.9E-14	4.7E-09	1.4E-13	1.4E-11	3.3E-11	1.8E-12	1.8E-12	1.1E-11	6.6E-11	1.0E-08
Benzo(a)pyrene	9.6E-13	5.3E-08	4.1E-08	4.8E-08	7.5E-08	5.5E-11	1.3E-10	6.9E-12	6.9E-12	3.6E-13	1.2E-12	2.2E-07
Benzo(b)fluoranthene	2.6E-14	9.4E-09	3.7E-09	8.6E-09	6.8E-09	6.2E-12	1.4E-11	7.7E-13	7.7E-13	6.3E-14	1.1E-13	2.8E-08
Benzo(e)pyrene												

Table H-693 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	2.1E-17	3.8E-10	2.6E-16	3.5E-10	4.7E-16	5.5E-14	1.3E-13	6.9E-15	6.9E-15	2.6E-14	7.7E-20	7.3E-10
Biphenyl				1.1E-18	3.2E-18							4.3E-18
Chrysene	3.3E-16	7.4E-11	1.0E-15	6.7E-11	1.9E-15	2.4E-12	5.6E-12	3.0E-13	3.0E-13	4.9E-15	3.1E-19	1.5E-10
Dibenze(a,h)anthracene	4.9E-14	9.4E-14	1.3E-13	8.5E-14	2.4E-13	9.5E-12	2.2E-11	1.2E-12	1.2E-12	6.9E-19	4.2E-18	3.5E-11
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.2E-14	2.9E-09	3.6E-14	2.7E-09	6.6E-14	2.9E-12	6.7E-12	3.6E-13	3.6E-13	2.0E-14	1.1E-18	5.6E-09
Napthalene						2.2E-10	5.0E-10	2.7E-11	2.7E-11			7.7E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.8E-17	1.7E-18	2.4E-18	1.5E-18	4.1E-18	8.0E-14	1.8E-13	9.9E-15	9.9E-15	3.9E-20	2.4E-19	2.8E-13
Heptachlorobiphenyl	2.0E-17	5.7E-18	8.0E-18	4.8E-18	1.4E-17	3.1E-14	7.2E-14	3.9E-15	3.9E-15	7.0E-20	4.3E-19	1.1E-13
Hexachlorobiphenyl	8.0E-17	2.6E-17	3.6E-17	2.2E-17	6.1E-17	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.2E-19	1.9E-18	4.6E-13
Monochlorobiphenyl	1.3E-16	1.2E-17	1.7E-17	1.0E-17	2.8E-17	5.5E-13	1.3E-12	6.9E-14	6.9E-14	2.7E-19	1.7E-18	2.0E-12
Nonachlorobiphenyl	2.5E-18	1.0E-18	1.4E-18	8.5E-19	2.4E-18	4.4E-15	1.0E-14	5.5E-16	5.5E-16	1.2E-20	7.6E-20	1.6E-14
Octachlorobiphenyl	5.8E-18	1.9E-18	2.6E-18	1.6E-18	4.4E-18	9.5E-15	2.2E-14	1.2E-15	1.2E-15	2.3E-20	1.4E-19	3.4E-14
Pentachlorobiphenyl	2.6E-16	9.3E-17	1.3E-16	7.9E-17	2.2E-16	4.5E-13	1.0E-12	5.6E-14	5.6E-14	1.1E-18	7.0E-18	1.6E-12
Tetrachlorobiphenyl	5.4E-18	6.6E-19	9.2E-19	5.6E-19	1.6E-18	2.6E-14	6.0E-14	3.2E-15	3.2E-15	1.5E-20	9.2E-20	9.2E-14
Trichlorobiphenyl	7.1E-18	7.9E-19	1.1E-18	6.7E-19	1.9E-18	3.3E-14	7.6E-14	4.1E-15	4.1E-15	1.8E-20	1.1E-19	1.2E-13
Pesticides												
DDE				1.0E-07	4.0E-09					9.0E-10	5.6E-09	1.1E-07
Dieldrin		1.8E-08		2.2E-08						3.1E-13		4.0E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	2.1E-20					7.2E-13	1.7E-12	8.9E-14	8.9E-14			2.5E-12
2,4-Dimethylphenol												

Table H-693 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.9E-16	4.0E-15	5.6E-15	4.8E-15	1.3E-14	2.0E-11	4.5E-11	2.4E-12	2.4E-12	4.0E-20	2.5E-19	7.0E-11
Butyl benzyl phthalate	1.4E-17	2.7E-19	3.7E-19	3.1E-19	8.8E-19							1.6E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	2.3E-17					4.2E-11	9.7E-11	5.2E-12	5.2E-12			1.5E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	3.0E-21					4.3E-14	9.9E-14	5.4E-15	5.4E-15			1.5E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.4E-18											1.4E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	3.2E-20					1.8E-12	4.1E-12	2.2E-13	2.2E-13			6.3E-12
1,2-Dichloroethane	4.5E-20					2.5E-08	7.1E-12	1.1E-09	1.1E-09			2.8E-08
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-693 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	4.7E-18					2.7E-07	6.7E-10	3.2E-09	3.2E-09			2.8E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	8.3E-22					1.5E-13	3.5E-13	1.9E-14	1.9E-14			5.4E-13
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	4.0E-22					4.0E-08	1.3E-13	4.0E-09	4.0E-09			4.8E-08
Chlorobenzene												
Chlorodibromomethane	6.6E-20											6.6E-20
Chloroethane												
Chloroform	3.7E-21					3.6E-08	4.5E-12	2.4E-09	2.4E-09			4.1E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	7.0E-19					2.3E-08	4.8E-11	2.6E-12	2.6E-12			2.3E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	2.2E-21					7.7E-15	1.8E-14	9.7E-16	9.7E-16			2.8E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.9E-23					1.3E-15	3.1E-15	1.7E-16	1.7E-16			4.8E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.3E-23					8.8E-10	2.9E-15	1.6E-16	1.6E-16			8.8E-10
Trichlorofluoromethane												

Table H-693 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.5E-20					9.3E-13	2.2E-12	1.2E-13	1.2E-13			3.3E-12
Grand Total	1.4E-12	2.6E-07	5.7E-08	6.0E-07	1.4E-07	3.1E-06	1.5E-05	1.1E-08	1.1E-08	1.9E-09	9.9E-09	1.9E-05

Table H-694 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					4.9E-01	2.7E+00	7.9E-06	7.9E-06			3.2E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.2E-02	1.9E-02					1.1E-04	4.1E-04	3.1E-02
Antimony	3.9E-14			1.9E-03	4.2E-04							2.3E-03

Table H-694 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	9.1E-03	6.1E-04	2.1E-02	2.9E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	3.5E-05	1.0E-05	3.4E-02
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				1.1E-01	2.1E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.7E-04	1.1E-03	3.3E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				3.9E-02	6.2E-02							1.0E-01
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.7E-04	1.1E-03	1.2E-03
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.8E-02	6.6E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.0E-04	1.6E-03	9.6E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Thallium (Soluble Salts)				8.1E-03								8.1E-03
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-694 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
DDE												
Dieldrin		5.4E-04		6.3E-04								1.2E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-694 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol								3.0E-02				3.0E-02
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					3.3E-03	9.1E-07	1.4E-04	1.4E-04			3.5E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07

Table H-694 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					2.7E-02	6.7E-05	3.2E-04	3.2E-04			2.8E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.6E-03	5.0E-09	1.5E-04	1.5E-04			1.9E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					3.7E-04	4.6E-08	2.4E-05	2.4E-05			4.2E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					2.1E-04	4.5E-07	2.4E-08	2.4E-08			2.2E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.5E-03	8.4E-09	4.5E-10	4.5E-10			2.5E-03
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-694 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	5.0E-09	9.6E-03	6.1E-04	2.2E-01	3.6E-01	5.6E-01	2.8E+00	1.0E-03	1.0E-03	8.9E-04	4.2E-03	3.9E+00

Table H-695 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.4E-10	4.9E-09	1.7E-11	1.6E-09			6.7E-09
Formaldehyde						2.7E-06	1.1E-08	4.3E-11	3.8E-09			2.7E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	6.9E-17	6.9E-14	1.3E-12	2.7E-13	1.0E-11	1.4E-11	5.5E-10	1.7E-12	1.8E-10	3.9E-18	3.2E-16	7.6E-10
1,2,3,4,6,7,8-HpCDF	6.7E-17	7.0E-14	1.3E-12	2.8E-13	1.0E-11	1.4E-11	5.5E-10	1.7E-12	1.8E-10	4.0E-18	3.2E-16	7.7E-10
1,2,3,4,7,8,9-HpCDF	1.0E-17	8.0E-15	1.6E-13	3.2E-14	1.2E-12	1.8E-12	7.2E-11	2.2E-13	2.4E-11	4.5E-19	3.9E-17	9.9E-11
1,2,3,4,7,8-HxCDD	7.8E-16	7.9E-14	1.5E-12	3.1E-13	1.2E-11	1.7E-11	6.7E-10	2.1E-12	2.2E-10	4.4E-18	3.8E-16	9.3E-10
1,2,3,4,7,8-HxCDF	5.3E-15	6.2E-13	1.2E-11	2.5E-12	9.5E-11	1.3E-10	5.4E-09	1.7E-11	1.8E-09	3.5E-17	3.0E-15	7.5E-09
1,2,3,6,7,8-HxCDD	1.5E-15	1.6E-13	3.1E-12	6.3E-13	2.4E-11	3.5E-11	1.4E-09	4.4E-12	4.7E-10	9.1E-18	7.7E-16	2.0E-09
1,2,3,6,7,8-HxCDF	2.0E-15	2.0E-13	4.0E-12	8.1E-13	3.1E-11	4.4E-11	1.8E-09	5.5E-12	5.9E-10	1.2E-17	9.9E-16	2.5E-09
1,2,3,7,8,9-HxCDD	2.2E-15	2.5E-13	4.9E-12	1.0E-12	3.8E-11	5.3E-11	2.1E-09	6.6E-12	7.1E-10	1.4E-17	1.2E-15	3.0E-09
1,2,3,7,8,9-HxCDF	1.6E-16	1.5E-14	2.9E-13	5.8E-14	2.3E-12	3.4E-12	1.4E-10	4.2E-13	4.6E-11	8.2E-19	7.1E-17	1.9E-10
1,2,3,7,8-PeCDD	4.1E-14	8.9E-13	1.7E-11	3.5E-12	1.4E-10	2.1E-10	8.6E-09	2.6E-11	2.9E-09	5.0E-17	4.3E-15	1.2E-08
1,2,3,7,8-PeCDF	2.9E-15	5.2E-14	1.0E-12	2.1E-13	8.1E-12	1.5E-11	6.1E-10	1.9E-12	2.0E-10	2.9E-18	2.6E-16	8.4E-10
2,3,4,6,7,8-HxCDF	2.8E-15	3.2E-13	6.0E-12	1.3E-12	4.7E-11	6.8E-11	2.7E-09	8.5E-12	9.0E-10	1.8E-17	1.5E-15	3.7E-09
2,3,4,7,8-PeCDF	4.5E-14	1.2E-12	2.5E-11	4.9E-12	1.9E-10	3.4E-10	1.4E-08	4.2E-11	4.6E-09	7.1E-17	6.1E-15	1.9E-08
2,3,7,8-TCDD	1.4E-14	1.8E-13	2.6E-12	7.1E-13	2.1E-11	8.4E-11	2.8E-09	1.1E-11	9.4E-10	7.1E-15	4.5E-13	3.9E-09
2,3,7,8-TCDF	4.5E-15	3.3E-14	6.6E-13	1.3E-13	5.2E-12	3.1E-11	1.3E-09	3.9E-12	4.3E-10	1.9E-18	1.6E-16	1.7E-09
OCDD	9.2E-21	4.7E-16	8.6E-15	1.8E-15	6.8E-14	9.2E-14	3.6E-12	1.1E-14	1.2E-12	2.6E-20	2.1E-18	5.0E-12
OCDF	3.4E-21	1.8E-16	3.2E-15	7.1E-16	2.6E-14	3.4E-14	1.3E-12	4.3E-15	4.5E-13	1.0E-20	8.1E-19	1.9E-12
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-695 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	5.2E-17	1.7E-07	3.1E-18	4.1E-07	1.5E-17	1.1E-10	3.9E-09	1.4E-11	1.3E-09	9.7E-11	7.6E-21	5.9E-07
Barium												
Beryllium						4.4E-12	1.5E-10	5.5E-13	5.0E-11	5.3E-21	4.4E-19	2.0E-10
Cadmium						5.8E-11	2.0E-09	7.3E-12	6.8E-10	3.1E-21	2.6E-19	2.8E-09
Chromium												
Cobalt						3.8E-09	6.9E-08	4.7E-10	2.3E-08	6.2E-10	3.6E-13	9.7E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.9E-11	1.3E-09	4.8E-12	4.4E-10	3.0E-10	1.9E-19	2.1E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.0E-19	6.0E-18	2.7E-19	1.1E-17							1.8E-17
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.9E-13	5.2E-09	1.3E-12	4.7E-09	2.3E-12	1.4E-11	6.1E-10	1.8E-12	2.0E-10	1.1E-11	1.1E-14	1.1E-08
Benzo(a)pyrene	9.6E-13	5.3E-08	5.3E-12	4.8E-08	9.7E-12	5.5E-11	2.3E-09	6.9E-12	7.7E-10	3.6E-13	1.6E-16	1.0E-07
Benzo(b)fluoranthene	2.6E-14	9.4E-09	2.9E-14	8.6E-09	5.2E-14	6.2E-12	2.5E-10	7.7E-13	8.3E-11	6.3E-14	8.5E-19	1.8E-08
Benzo(e)pyrene												

Table H-695 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	2.1E-17	3.8E-10	1.7E-15	3.5E-10	3.1E-15	5.5E-14	9.8E-13	6.9E-15	3.3E-13	2.6E-14	5.1E-19	7.3E-10
Biphenyl				1.1E-18	4.8E-17							4.9E-17
Chrysene	3.3E-16	7.4E-11	1.5E-14	6.7E-11	2.7E-14	2.4E-12	1.0E-10	3.0E-13	3.3E-11	4.9E-15	4.5E-18	2.8E-10
Dibenze(a,h)anthracene	4.9E-14	9.4E-14	1.9E-12	8.5E-14	3.4E-12	9.5E-12	3.9E-10	1.2E-12	1.3E-10	6.9E-19	6.0E-17	5.4E-10
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.2E-14	2.9E-09	5.2E-13	2.7E-09	9.5E-13	2.9E-12	1.2E-10	3.6E-13	4.0E-11	2.0E-14	1.5E-17	5.8E-09
Napthalene						2.2E-10	9.0E-09	2.7E-11	3.0E-09			1.2E-08
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.8E-17	1.7E-18	3.4E-17	1.5E-18	5.8E-17	8.0E-14	3.3E-12	9.9E-15	1.1E-12	3.9E-20	3.4E-18	4.4E-12
Heptachlorobiphenyl	2.0E-17	5.7E-18	1.1E-16	4.8E-18	1.9E-16	3.1E-14	1.3E-12	3.9E-15	4.2E-13	7.0E-20	6.0E-18	1.7E-12
Hexachlorobiphenyl	8.0E-17	2.6E-17	4.6E-16	2.2E-17	7.9E-16	1.3E-13	5.1E-12	1.6E-14	1.7E-12	3.2E-19	2.5E-17	6.9E-12
Monochlorobiphenyl	1.3E-16	1.2E-17	2.4E-16	1.0E-17	4.1E-16	5.5E-13	2.3E-11	6.9E-14	7.6E-12	2.7E-19	2.4E-17	3.1E-11
Nonachlorobiphenyl	2.5E-18	1.0E-18	1.6E-17	8.5E-19	2.7E-17	4.4E-15	1.6E-13	5.5E-16	5.2E-14	1.2E-20	8.5E-19	2.1E-13
Octachlorobiphenyl	5.8E-18	1.9E-18	3.4E-17	1.6E-18	5.7E-17	9.5E-15	3.7E-13	1.2E-15	1.2E-13	2.3E-20	1.8E-18	5.1E-13
Pentachlorobiphenyl	2.6E-16	9.3E-17	1.6E-15	7.9E-17	2.7E-15	4.5E-13	1.7E-11	5.6E-14	5.6E-12	1.1E-18	8.6E-17	2.3E-11
Tetrachlorobiphenyl	5.4E-18	6.6E-19	1.1E-17	5.6E-19	1.9E-17	2.6E-14	9.7E-13	3.2E-15	3.2E-13	1.5E-20	1.1E-18	1.3E-12
Trichlorobiphenyl	7.1E-18	7.9E-19	1.4E-17	6.7E-19	2.4E-17	3.3E-14	1.3E-12	4.1E-15	4.2E-13	1.8E-20	1.4E-18	1.7E-12
Pesticides												
DDE				1.0E-07						9.0E-10		1.0E-07
Dieldrin		1.8E-08		2.2E-08						3.1E-13		4.0E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	2.1E-20					7.2E-13	3.2E-11	8.9E-14	1.1E-11			4.4E-11
2,4-Dimethylphenol												

Table H-695 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.9E-16	4.0E-15	7.2E-14	4.8E-15	1.7E-13	2.0E-11	7.6E-10	2.4E-12	2.5E-10	4.0E-20	3.2E-18	1.0E-09
Butyl benzyl phthalate	1.4E-17	2.7E-19	5.4E-18	3.1E-19	1.3E-17							3.3E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	2.3E-17					4.2E-11	7.5E-10	5.2E-12	2.5E-10			1.0E-09
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	3.0E-21					4.3E-14	1.4E-12	5.4E-15	4.8E-13			2.0E-12
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.4E-18											1.4E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	3.2E-20					1.8E-12	3.2E-11	2.2E-13	1.1E-11			4.4E-11
1,2-Dichloroethane	4.5E-20					2.5E-08	1.2E-10	1.1E-09	3.9E-11			2.7E-08
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-695 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	4.7E-18					2.7E-07	1.1E-08	3.2E-09	3.8E-09			2.9E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	8.3E-22					1.5E-13	2.7E-12	1.9E-14	9.0E-13			3.8E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	4.0E-22					4.0E-08	1.0E-12	4.0E-09	3.3E-13			4.4E-08
Chlorobenzene												
Chlorodibromomethane	6.6E-20											6.6E-20
Chloroethane												
Chloroform	3.7E-21					3.6E-08	3.8E-11	2.4E-09	1.3E-11			3.8E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	7.0E-19					2.3E-08	7.9E-10	2.6E-12	2.6E-10			2.4E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	2.2E-21					7.7E-15	2.8E-13	9.7E-16	9.5E-14			3.9E-13
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.9E-23					1.3E-15	4.7E-14	1.7E-16	1.6E-14			6.4E-14
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.3E-23					8.8E-10	2.3E-14	1.6E-16	7.6E-15			8.8E-10
Trichlorofluoromethane												

Table H-695 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.5E-20					9.3E-13	2.3E-11	1.2E-13	7.6E-12			3.1E-11
Grand Total	1.4E-12	2.6E-07	9.0E-11	6.0E-07	6.5E-10	3.1E-06	1.6E-07	1.1E-08	5.4E-08	1.9E-09	8.4E-13	4.2E-06

Table H-696 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	1.5E-03	5.2E-06	5.0E-04			2.0E-03
Aldehydes												
Acetaldehyde						1.6E-04	5.8E-03	2.0E-05	1.9E-03			7.9E-03
Formaldehyde	2.3E-12					4.9E-01	2.1E-03	7.9E-06	6.9E-04			4.9E-01
Propionaldehyde						2.0E-05	7.2E-04	2.5E-06	2.4E-04	2.1E-12	1.5E-10	9.8E-04
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-06	3.1E-07	9.0E-06	1.3E-06	4.3E-05	1.6E-07	1.4E-05	1.8E-10	1.2E-08	7.0E-05
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	7.7E-03	2.5E-05	2.6E-03			1.1E-02
Metals												
Aluminum				1.2E-02						1.1E-04		1.2E-02
Antimony	3.9E-14			1.9E-03								1.9E-03

Table H-696 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	9.1E-03	1.6E-13	2.1E-02	7.6E-13	4.0E-05	1.4E-03	4.9E-06	4.7E-04	3.5E-05	2.7E-15	3.2E-02
Barium	1.4E-11			2.2E-08	7.5E-07	2.5E-04	6.8E-03	3.1E-05	2.3E-03	4.3E-10	3.2E-08	9.3E-03
Beryllium	1.7E-14			5.2E-13	2.0E-11	2.1E-06	7.3E-05	2.7E-07	2.4E-05	2.6E-15	2.1E-13	9.9E-05
Cadmium	8.3E-12			8.2E-13	3.1E-11	7.6E-05	2.6E-03	9.5E-06	8.8E-04	4.0E-15	3.4E-13	3.6E-03
Chromium	1.9E-15			6.4E-11	2.5E-09							2.6E-09
Cobalt	1.1E-01			1.1E-01	4.7E-05	1.6E-03	3.0E-02	2.0E-04	9.9E-03	2.7E-04	2.6E-07	1.5E-01
Copper				1.1E-08	4.3E-07							4.4E-07
Iron				3.9E-02								3.9E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.6E-09	7.8E-08	2.8E-06	9.8E-09	9.2E-07	1.0E-14	7.1E-13	3.8E-06
Mercury, elemental						3.3E-10	1.2E-08	4.1E-11	3.8E-09	1.7E-04		1.7E-04
Methyl Mercury	1.3E-10			3.8E-11	1.5E-09							1.6E-09
Nickel	1.7E-13			2.8E-02	7.8E-12	3.9E-05	1.3E-03	4.8E-06	4.4E-04	3.0E-04	1.9E-13	3.0E-02
Phosphorus				3.7E-10	1.4E-08							1.4E-08
Selenium	5.5E-14			8.1E-15	3.1E-13	8.7E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-20	8.4E-18	4.2E-07
Silver	4.2E-14			1.7E-10	6.3E-09							6.5E-09
Thallium (Soluble Salts)				8.1E-03								8.1E-03
Titanium												
Zinc	1.4E-11			6.1E-13	2.2E-11							3.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	6.9E-14	3.1E-15	1.3E-13							2.0E-13
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	1.2E-12	5.2E-14	2.1E-12							3.4E-12
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-696 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	2.8E-13	2.8E-04	1.2E-02	3.5E-05	3.9E-03	4.9E-12	4.5E-10	1.6E-02
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	3.4E-11	1.5E-12	6.3E-11							1.1E-10
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	2.1E-03	6.2E-06	6.9E-04			2.8E-03
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.9E-10	8.5E-12	3.5E-10							5.6E-10
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.8E-10	1.2E-11	4.7E-10							8.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	1.1E-10	4.9E-12	1.9E-10	9.8E-10	3.9E-08	1.2E-10	1.3E-08	3.8E-15	3.3E-13	5.4E-08
Hexachlorobiphenyl	4.7E-11	2.6E-11	4.7E-10	2.2E-11	8.0E-10	4.1E-06	1.6E-04	5.1E-07	5.3E-05	1.7E-11	1.4E-09	2.2E-04
Monochlorobiphenyl	6.1E-10	9.8E-11	2.0E-09	8.3E-11	3.3E-09							6.0E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.6E-11	8.6E-13	2.7E-11							4.6E-11
Octachlorobiphenyl	3.4E-12	1.9E-12	3.4E-11	1.6E-12	5.8E-11							9.9E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.6E-09	8.0E-11	2.7E-09	4.6E-05	1.7E-03	5.7E-06	5.7E-04	2.0E-10	1.5E-08	2.3E-03
Tetrachlorobiphenyl	2.6E-11	5.4E-12	9.1E-11	4.5E-12	1.5E-10	2.3E-07	8.7E-06	2.9E-08	2.9E-06	2.3E-13	1.7E-11	1.2E-05
Trichlorobiphenyl	3.4E-11	6.5E-12	1.2E-10	5.5E-12	2.0E-10							3.6E-10
Pesticides												
DDE												
Dieldrin		5.4E-04		6.3E-04								1.2E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	4.3E-06	1.7E-08	1.4E-06			5.9E-06
1,2-dichlorobenzene	3.1E-17					5.4E-10	9.7E-09	6.8E-11	3.2E-09			1.4E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	8.5E-08	2.4E-10	2.8E-08			1.2E-07
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-696 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	3.9E-06	1.2E-08	1.3E-06			5.3E-06
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	6.0E-09	4.0E-10	1.4E-08							2.1E-08
Butyl benzyl phthalate	8.8E-13	1.6E-14	3.3E-13	1.9E-14	7.9E-13							2.0E-12
Carbazole												
Dibenzofuran		1.4E-13	2.9E-12	5.7E-13	2.3E-11							2.6E-11
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	6.7E-13	3.9E-14	1.6E-12							1.9E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	8.7E-12	1.1E-12	2.1E-11							3.1E-11
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						3.0E-02						3.0E-02
Phenol	4.9E-13					1.5E-06	6.2E-05	1.9E-07	2.1E-05			8.5E-05
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	1.0E-09	3.3E-12	3.3E-10			1.4E-09
1,1-Dichloroethene	1.2E-19					1.3E-10	2.3E-09	1.6E-11	7.7E-10			3.2E-09
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	6.4E-06	4.5E-08	2.1E-06			9.0E-06
1,2,4-Trimethylbenzene						8.9E-07	2.8E-05	1.1E-07	9.4E-06			3.9E-05
1,2-Dibromoethane	4.1E-17					7.7E-09	1.4E-07	9.6E-10	4.6E-08			1.9E-07
1,2-Dichloroethane	1.9E-15					3.3E-03	1.5E-05	1.4E-04	5.0E-06			3.4E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	2.6E-07	8.3E-10	8.7E-08			3.6E-07
2-Chlorotoluene												
2-Hexanone						2.3E-07	8.2E-06	2.8E-08	2.7E-06			1.1E-05

Table H-696 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					2.7E-02	1.1E-03	3.2E-04	3.8E-04			2.9E-02
Bromobenzene						6.2E-07	1.1E-05	7.8E-08	3.7E-06			1.5E-05
Bromochloromethane						2.2E-09	3.9E-08	2.8E-10	1.3E-08			5.5E-08
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	2.3E-05	9.5E-08	7.6E-06			3.1E-05
Carbon disulfide	1.3E-17					4.8E-09	1.4E-07	6.0E-10	4.7E-08			1.9E-07
Carbon tetrachloride	3.4E-17					1.6E-03	3.9E-08	1.5E-04	1.3E-08			1.7E-03
Chlorobenzene	2.3E-15					9.6E-08	3.4E-06	1.2E-08	1.1E-06			4.7E-06
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	3.2E-08	1.1E-10	1.1E-08			4.3E-08
Chloroform	2.8E-16					3.7E-04	3.9E-07	2.4E-05	1.3E-07			4.0E-04
Chloromethane						3.4E-07	1.0E-05	4.3E-08	3.5E-06			1.4E-05
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	9.1E-07	6.4E-09	3.0E-07			1.3E-06
Dichlorodifluoromethane	2.4E-20					2.5E-09	4.4E-08	3.1E-10	1.5E-08			6.2E-08
Ethylbenzene	1.5E-14					2.1E-04	7.4E-06	2.4E-08	2.5E-06			2.2E-04
Isopropylbenzene	2.0E-17					3.9E-08	1.3E-06	4.9E-09	4.5E-07			1.8E-06
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.1E-09	1.5E-11	7.1E-10			3.0E-09
Methylene chloride	4.3E-15					3.0E-08	1.1E-06	3.8E-09	3.7E-07			1.5E-06
n-Butylbenzene												
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07			4.2E-07
o-Xylene	1.4E-15					2.3E-07	7.6E-06	2.9E-08	2.5E-06			1.0E-05
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.9E-05	6.4E-08	6.2E-06			2.5E-05
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	1.1E-07	3.8E-10	3.5E-08			1.4E-07
Toluene	2.0E-14					6.3E-08	2.5E-06	7.9E-09	8.3E-07			3.4E-06
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.5E-03	6.5E-08	4.5E-10	2.2E-08			2.5E-03
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-696 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					5.0E-08	1.2E-06	6.2E-09	4.0E-07			1.7E-06
Grand Total	5.0E-09	9.6E-03	1.1E-06	2.2E-01	5.8E-05	5.6E-01	7.7E-02	1.0E-03	2.6E-02	8.9E-04	3.2E-07	8.9E-01

Table H-697 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			1.4E-10	1.7E-11		1.5E-10
Formaldehyde			1.8E-06	4.3E-11		1.8E-06
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	6.9E-14	2.7E-13	1.4E-11	1.7E-12	3.9E-18	1.6E-11
1,2,3,4,6,7,8-HpCDF	7.0E-14	2.8E-13	1.4E-11	1.7E-12	4.0E-18	1.6E-11
1,2,3,4,7,8,9-HpCDF	8.0E-15	3.2E-14	1.8E-12	2.2E-13	4.5E-19	2.0E-12
1,2,3,4,7,8-HxCDD	7.9E-14	3.1E-13	1.7E-11	2.1E-12	4.4E-18	1.9E-11
1,2,3,4,7,8-HxCDF	6.2E-13	2.5E-12	1.3E-10	1.7E-11	3.5E-17	1.5E-10
1,2,3,6,7,8-HxCDD	1.6E-13	6.3E-13	3.5E-11	4.4E-12	9.1E-18	4.0E-11
1,2,3,6,7,8-HxCDF	2.0E-13	8.1E-13	4.4E-11	5.5E-12	1.2E-17	5.0E-11
1,2,3,7,8,9-HxCDD	2.5E-13	1.0E-12	5.3E-11	6.6E-12	1.4E-17	6.1E-11
1,2,3,7,8,9-HxCDF	1.5E-14	5.8E-14	3.4E-12	4.2E-13	8.2E-19	3.8E-12
1,2,3,7,8-PeCDD	8.9E-13	3.5E-12	2.1E-10	2.6E-11	5.0E-17	2.4E-10

Table H-697 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	5.2E-14	2.1E-13	1.5E-11	1.9E-12	2.9E-18	1.7E-11
2,3,4,6,7,8-HxCDF	3.2E-13	1.3E-12	6.8E-11	8.5E-12	1.8E-17	7.8E-11
2,3,4,7,8-PeCDF	1.2E-12	4.9E-12	3.4E-10	4.2E-11	7.1E-17	3.8E-10
2,3,7,8-TCDD	1.8E-13	7.1E-13	8.4E-11	1.1E-11	7.1E-15	9.6E-11
2,3,7,8-TCDF	3.3E-14	1.3E-13	3.1E-11	3.9E-12	1.9E-18	3.5E-11
OCDD	4.7E-16	1.8E-15	9.2E-14	1.1E-14	2.6E-20	1.1E-13
OCDF	1.8E-16	7.1E-16	3.4E-14	4.3E-15	1.0E-20	4.0E-14
HCN						
Hydrogen cyanide						
Metals						
Aluminum						
Antimony						
Arsenic	2.3E-08	5.4E-08	1.1E-10	1.4E-11	1.3E-11	7.8E-08
Barium						
Beryllium			4.4E-12	5.5E-13	5.3E-21	5.0E-12
Cadmium			5.8E-11	7.3E-12	3.1E-21	6.6E-11
Chromium						
Cobalt			3.8E-09	4.7E-10	5.0E-10	4.8E-09
Copper						
Iron						
Lead						
Manganese						
Mercury (+2)						

Table H-697 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Mercury, elemental						
Methyl Mercury						
Nickel			3.9E-11	4.8E-12	3.0E-10	3.5E-10
Phosphorus						
Selenium						
Silver						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.0E-19	2.7E-19				5.7E-19
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	6.9E-10	6.3E-10	1.4E-11	1.8E-12	1.4E-12	1.3E-09
Benzo(a)pyrene	8.1E-09	7.4E-09	5.5E-11	6.9E-12	5.4E-14	1.6E-08
Benzo(b)fluoranthene	1.5E-09	1.3E-09	6.2E-12	7.7E-13	9.8E-15	2.8E-09
Benzo(e)pyrene						

Table H-697 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	1.1E-10	1.0E-10	5.5E-14	6.9E-15	7.4E-15	2.1E-10
Biphenyl		1.1E-18				1.1E-18
Chrysene	8.5E-12	7.8E-12	2.4E-12	3.0E-13	5.7E-16	1.9E-11
Dibenze(a,h)anthracene	9.4E-14	8.5E-14	9.5E-12	1.2E-12	6.9E-19	1.1E-11
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	3.5E-10	3.2E-10	2.9E-12	3.6E-13	2.4E-15	6.8E-10
Napthalene			2.2E-10	2.7E-11		2.4E-10
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	1.7E-18	1.5E-18	8.0E-14	9.9E-15	3.9E-20	8.9E-14
Heptachlorobiphenyl	5.7E-18	4.8E-18	3.1E-14	3.9E-15	7.0E-20	3.5E-14
Hexachlorobiphenyl	2.6E-17	2.2E-17	1.3E-13	1.6E-14	3.2E-19	1.5E-13
Monochlorobiphenyl	1.2E-17	1.0E-17	5.5E-13	6.9E-14	2.7E-19	6.2E-13
Nonachlorobiphenyl	1.0E-18	8.5E-19	4.4E-15	5.5E-16	1.2E-20	4.9E-15
Octachlorobiphenyl	1.9E-18	1.6E-18	9.5E-15	1.2E-15	2.3E-20	1.1E-14

Table H-697 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Pentachlorobiphenyl	9.3E-17	7.9E-17	4.5E-13	5.6E-14	1.1E-18	5.0E-13
Tetrachlorobiphenyl	6.6E-19	5.6E-19	2.6E-14	3.2E-15	1.5E-20	2.9E-14
Trichlorobiphenyl	7.9E-19	6.7E-19	3.3E-14	4.1E-15	1.8E-20	3.7E-14
Pesticides						
Chlordecone (Kepone)	5.4E-07	6.4E-07			1.4E-11	1.2E-06
DDE		3.0E-09			2.7E-11	3.0E-09
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-Butadiene			2.8E-08			2.8E-08
1,3-dichlorobenzene						
1,4-dichlorobenzene			7.2E-13	8.9E-14		8.1E-13
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	4.0E-15	4.8E-15	2.0E-11	2.4E-12	4.0E-20	2.2E-11
Butyl benzyl phthalate	2.7E-19	3.1E-19				5.8E-19

Table H-697 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			4.2E-11	5.2E-12		4.7E-11
Isopropanol						
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			4.3E-14	5.4E-15		4.8E-14
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			1.8E-12	2.2E-13		2.0E-12
1,2-Dichloroethane			3.1E-12	1.1E-09		1.1E-09
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						

Table H-697 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
2-Chlorotoluene						
2-Hexanone						
Benzene			2.8E-08	3.2E-09		3.1E-08
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			1.5E-13	1.9E-14		1.7E-13
Bromomethane						
Carbon disulfide						
Carbon tetrachloride			3.8E-08	4.0E-09		4.2E-08
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			2.1E-08	2.4E-09		2.4E-08
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			2.9E-09	2.6E-12		2.9E-09
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			7.7E-15	9.7E-16		8.7E-15

Table H-697 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethene			1.3E-15	1.7E-16		1.5E-15
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			1.3E-15	1.6E-16		1.4E-15
Trichlorofluoromethane						
Vinyl chloride			9.3E-13	1.2E-13		1.1E-12
Grand Total	5.8E-07	7.1E-07	1.9E-06	1.1E-08	8.6E-10	3.2E-06

Table H-698 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			4.2E-05	5.2E-06		4.7E-05
Aldehydes						
Acetaldehyde			1.6E-04	2.0E-05		1.8E-04
Formaldehyde			3.3E-01	7.9E-06		3.3E-01
Propionaldehyde			2.0E-05	2.5E-06	2.1E-12	2.2E-05
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-698 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	7.9E-08	3.1E-07	1.3E-06	1.6E-07	1.8E-10	1.8E-06
2,3,7,8-TCDF						
OCDD						
OCDF						
HCN						
Hydrogen cyanide			2.0E-04	2.5E-05		2.2E-04
Metals						
Aluminum		1.0E-02			1.0E-04	1.0E-02
Antimony		9.4E-04				9.4E-04
Arsenic	1.2E-03	2.8E-03	4.0E-05	4.9E-06	4.6E-06	4.1E-03
Barium		2.2E-08	2.5E-04	3.1E-05	4.3E-10	2.8E-04
Beryllium		5.2E-13	2.1E-06	2.7E-07	2.6E-15	2.4E-06
Cadmium		8.2E-13	7.6E-05	9.5E-06	4.0E-15	8.5E-05
Chromium		6.4E-11				6.4E-11
Cobalt		8.8E-02	1.6E-03	2.0E-04	2.2E-04	9.0E-02
Copper		1.1E-08				1.1E-08
Iron		3.2E-02				3.2E-02
Lead						
Manganese						
Mercury (+2)		2.1E-10	7.8E-08	9.8E-09	1.0E-14	8.8E-08

Table H-698 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental			3.3E-10	4.1E-11	1.1E-02	1.1E-02
Methyl Mercury		3.8E-11				3.8E-11
Nickel		2.8E-02	3.9E-05	4.8E-06	3.0E-04	2.8E-02
Phosphorus		3.7E-10				3.7E-10
Selenium		8.1E-15	8.7E-09	1.1E-09	9.9E-20	9.8E-09
Silver		1.7E-10				1.7E-10
Titanium						
Zinc		6.1E-13				6.1E-13
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.4E-15	3.1E-15				6.5E-15
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	5.8E-14	5.2E-14				1.1E-13
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						
Benzo(e)pyrene						

Table H-698 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						
Biphenyl		6.7E-15	2.8E-04	3.5E-05	4.9E-12	3.1E-04
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	1.7E-12	1.5E-12				3.2E-12
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene			5.0E-05	6.2E-06		5.6E-05
Perylene						
Phenanthrene						
Pyrene	9.3E-12	8.5E-12				1.8E-11
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	1.4E-11	1.2E-11				2.6E-11
Heptachlorobiphenyl	5.8E-12	4.9E-12	9.8E-10	1.2E-10	3.8E-15	1.1E-09
Hexachlorobiphenyl	2.6E-11	2.2E-11	4.1E-06	5.1E-07	1.7E-11	4.6E-06
Monochlorobiphenyl	9.8E-11	8.3E-11				1.8E-10
Nonachlorobiphenyl	1.0E-12	8.6E-13				1.9E-12
Octachlorobiphenyl	1.9E-12	1.6E-12				3.5E-12

Table H-698 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Pentachlorobiphenyl	9.4E-11	8.0E-11	4.6E-05	5.7E-06	2.0E-10	5.1E-05
Tetrachlorobiphenyl	5.4E-12	4.5E-12	2.3E-07	2.9E-08	2.3E-13	2.6E-07
Trichlorobiphenyl	6.5E-12	5.5E-12				1.2E-11
Pesticides						
Chlordecone (Kepone)	4.2E-03	5.0E-03				9.2E-03
DDE						
SVOCs						
1,2,4-trichlorobenzene			1.3E-07	1.7E-08		1.5E-07
1,2-dichlorobenzene			5.4E-10	6.8E-11		6.1E-10
1,3-Butadiene			1.1E-02			1.1E-02
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.9E-09	2.4E-10		2.1E-09
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			9.3E-08	1.2E-08		1.0E-07
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-10	4.0E-10				7.4E-10
Butyl benzyl phthalate	1.6E-14	1.9E-14				3.6E-14

Table H-698 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbazole						
Dibenzofuran	1.4E-13	5.7E-13				7.1E-13
Dimethyl phthalate						
Di-n-butyl phthalate	3.3E-14	3.9E-14				7.1E-14
Di-n-octyl phthalate	9.4E-13	1.1E-12				2.1E-12
Hexachlorobutadiene						
Isopropanol			1.7E-03			1.7E-03
Phenol			1.5E-06	1.9E-07		1.7E-06
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			2.7E-11	3.3E-12		3.0E-11
1,1-Dichloroethene			1.3E-10	1.6E-11		1.5E-10
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.6E-07	4.5E-08		4.1E-07
1,2,4-Trimethylbenzene			8.9E-07	1.1E-07		1.0E-06
1,2-Dibromoethane			7.7E-09	9.6E-10		8.6E-09
1,2-Dichloroethane			4.0E-07	1.4E-04		1.4E-04
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone			6.6E-09	8.3E-10		7.4E-09

Table H-698 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
2-Chlorotoluene						
2-Hexanone			2.3E-07	2.8E-08		2.5E-07
Benzene			2.8E-03	3.2E-04		3.1E-03
Bromobenzene			6.2E-07	7.8E-08		7.0E-07
Bromochloromethane			2.2E-09	2.8E-10		2.5E-09
Bromodichloromethane						
Bromomethane			7.6E-07	9.5E-08		8.6E-07
Carbon disulfide			4.8E-09	6.0E-10		5.4E-09
Carbon tetrachloride			1.5E-03	1.5E-04		1.6E-03
Chlorobenzene			9.6E-08	1.2E-08		1.1E-07
Chlorodibromomethane						
Chloroethane			9.1E-10	1.1E-10		1.0E-09
Chloroform			2.2E-04	2.4E-05		2.5E-04
Chloromethane			3.4E-07	4.3E-08		3.9E-07
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			5.1E-08	6.4E-09		5.7E-08
Dichlorodifluoromethane			2.5E-09	3.1E-10		2.8E-09
Ethylbenzene			2.7E-05	2.4E-08		2.7E-05
Isopropylbenzene			3.9E-08	4.9E-09		4.4E-08
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.2E-10	1.5E-11		1.3E-10
Methylene chloride			3.0E-08	3.8E-09		3.4E-08

Table H-698 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene			9.4E-09	1.2E-09		1.1E-08
o-Xylene			2.3E-07	2.9E-08		2.6E-07
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			5.1E-07	6.4E-08		5.7E-07
tert-Butylbenzene						
Tetrachloroethene			3.0E-09	3.8E-10		3.4E-09
Toluene			6.3E-08	7.9E-09		7.1E-08
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			3.6E-09	4.5E-10		4.1E-09
Trichlorofluoromethane						
Vinyl chloride			5.0E-08	6.2E-09		5.6E-08
Grand Total	5.4E-03	1.7E-01	3.5E-01	1.0E-03	1.2E-02	5.3E-01

Table H-699 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.4E-10	3.2E-10	1.7E-11	1.7E-11			4.9E-10
Formaldehyde						1.8E-06	7.9E-10	4.3E-11	4.3E-11			1.8E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	6.9E-17	6.9E-14	9.7E-14	2.7E-13	7.6E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	3.9E-18	2.4E-17	5.0E-11
1,2,3,4,6,7,8-HpCDF	6.7E-17	7.0E-14	9.8E-14	2.8E-13	7.7E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	4.0E-18	2.4E-17	5.1E-11
1,2,3,4,7,8,9-HpCDF	1.0E-17	8.0E-15	1.1E-14	3.2E-14	8.9E-14	1.8E-12	4.1E-12	2.2E-13	2.2E-13	4.5E-19	2.8E-18	6.4E-12
1,2,3,4,7,8-HxCDD	7.8E-16	7.9E-14	1.1E-13	3.1E-13	8.7E-13	1.7E-11	3.8E-11	2.1E-12	2.1E-12	4.4E-18	2.7E-17	6.0E-11
1,2,3,4,7,8-HxCDF	5.3E-15	6.2E-13	8.7E-13	2.5E-12	6.9E-12	1.3E-10	3.1E-10	1.7E-11	1.7E-11	3.5E-17	2.2E-16	4.9E-10
1,2,3,6,7,8-HxCDD	1.5E-15	1.6E-13	2.2E-13	6.3E-13	1.8E-12	3.5E-11	8.0E-11	4.4E-12	4.4E-12	9.1E-18	5.6E-17	1.3E-10
1,2,3,6,7,8-HxCDF	2.0E-15	2.0E-13	2.9E-13	8.1E-13	2.3E-12	4.4E-11	1.0E-10	5.5E-12	5.5E-12	1.2E-17	7.1E-17	1.6E-10
1,2,3,7,8,9-HxCDD	2.2E-15	2.5E-13	3.5E-13	1.0E-12	2.8E-12	5.3E-11	1.2E-10	6.6E-12	6.6E-12	1.4E-17	8.8E-17	1.9E-10
1,2,3,7,8,9-HxCDF	1.6E-16	1.5E-14	2.0E-14	5.8E-14	1.6E-13	3.4E-12	7.7E-12	4.2E-13	4.2E-13	8.2E-19	5.1E-18	1.2E-11
1,2,3,7,8-PeCDD	4.1E-14	8.9E-13	1.2E-12	3.5E-12	9.8E-12	2.1E-10	4.9E-10	2.6E-11	2.6E-11	5.0E-17	3.1E-16	7.7E-10
1,2,3,7,8-PeCDF	2.9E-15	5.2E-14	7.3E-14	2.1E-13	5.8E-13	1.5E-11	3.5E-11	1.9E-12	1.9E-12	2.9E-18	1.8E-17	5.4E-11
2,3,4,6,7,8-HxCDF	2.8E-15	3.2E-13	4.5E-13	1.3E-12	3.5E-12	6.8E-11	1.6E-10	8.5E-12	8.5E-12	1.8E-17	1.1E-16	2.5E-10
2,3,4,7,8-PeCDF	4.5E-14	1.2E-12	1.7E-12	4.9E-12	1.4E-11	3.4E-10	7.8E-10	4.2E-11	4.2E-11	7.1E-17	4.3E-16	1.2E-09
2,3,7,8-TCDD	1.4E-14	1.8E-13	2.5E-13	7.1E-13	2.0E-12	8.4E-11	1.9E-10	1.1E-11	1.1E-11	7.1E-15	4.3E-14	3.0E-10
2,3,7,8-TCDF	4.5E-15	3.3E-14	4.6E-14	1.3E-13	3.6E-13	3.1E-11	7.2E-11	3.9E-12	3.9E-12	1.9E-18	1.1E-17	1.1E-10
OCDD	9.2E-21	4.7E-16	6.6E-16	1.8E-15	5.2E-15	9.2E-14	2.1E-13	1.1E-14	1.1E-14	2.6E-20	1.6E-19	3.3E-13
OCDF	3.4E-21	1.8E-16	2.5E-16	7.1E-16	2.0E-15	3.4E-14	7.9E-14	4.3E-15	4.3E-15	1.0E-20	6.3E-20	1.3E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-699 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	5.2E-17	2.3E-08	1.5E-08	5.4E-08	7.0E-08	1.1E-10	2.5E-10	1.4E-11	1.4E-11	1.3E-11	3.6E-11	1.6E-07
Barium												
Beryllium						4.4E-12	1.0E-11	5.5E-13	5.5E-13	5.3E-21	3.2E-20	1.6E-11
Cadmium						5.8E-11	1.3E-10	7.3E-12	7.3E-12	3.1E-21	1.9E-20	2.1E-10
Chromium												
Cobalt						3.8E-09	8.8E-09	4.7E-10	4.7E-10	5.0E-10	1.5E-09	1.6E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.9E-11	8.9E-11	4.8E-12	4.8E-12	3.0E-10	8.5E-10	1.3E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.0E-19	4.1E-19	2.7E-19	7.5E-19							1.7E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.9E-13	6.9E-10	1.6E-08	6.3E-10	2.9E-08	1.4E-11	3.3E-11	1.8E-12	1.8E-12	1.4E-12	8.8E-12	4.6E-08
Benzo(a)pyrene	9.6E-13	8.1E-09	1.8E-07	7.4E-09	3.2E-07	5.5E-11	1.3E-10	6.9E-12	6.9E-12	5.4E-14	5.2E-12	5.1E-07
Benzo(b)fluoranthene	2.6E-14	1.5E-09	2.5E-08	1.3E-09	4.5E-08	6.2E-12	1.4E-11	7.7E-13	7.7E-13	9.8E-15	7.3E-13	7.2E-08
Benzo(e)pyrene												

Table H-699 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	2.1E-17	1.1E-10	1.2E-09	1.0E-10	2.3E-09	5.5E-14	1.3E-13	6.9E-15	6.9E-15	7.4E-15	3.7E-13	3.7E-09
Biphenyl				1.1E-18	3.2E-18							4.3E-18
Chrysene	3.3E-16	8.5E-12	1.8E-10	7.8E-12	3.3E-10	2.4E-12	5.6E-12	3.0E-13	3.0E-13	5.7E-16	5.3E-14	5.3E-10
Dibenze(a,h)anthracene	4.9E-14	9.4E-14	4.4E-08	8.5E-14	7.9E-08	9.5E-12	2.2E-11	1.2E-12	1.2E-12	6.9E-19	1.4E-12	1.2E-07
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.2E-14	3.5E-10	1.1E-08	3.2E-10	2.1E-08	2.9E-12	6.7E-12	3.6E-13	3.6E-13	2.4E-15	3.4E-13	3.3E-08
Napthalene						2.2E-10	5.0E-10	2.7E-11	2.7E-11			7.7E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.8E-17	1.7E-18	2.4E-18	1.5E-18	4.1E-18	8.0E-14	1.8E-13	9.9E-15	9.9E-15	3.9E-20	2.4E-19	2.8E-13
Heptachlorobiphenyl	2.0E-17	5.7E-18	8.0E-18	4.8E-18	1.4E-17	3.1E-14	7.2E-14	3.9E-15	3.9E-15	7.0E-20	4.3E-19	1.1E-13
Hexachlorobiphenyl	8.0E-17	2.6E-17	3.6E-17	2.2E-17	6.1E-17	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.2E-19	1.9E-18	4.6E-13
Monochlorobiphenyl	1.3E-16	1.2E-17	1.7E-17	1.0E-17	2.8E-17	5.5E-13	1.3E-12	6.9E-14	6.9E-14	2.7E-19	1.7E-18	2.0E-12
Nonachlorobiphenyl	2.5E-18	1.0E-18	1.4E-18	8.5E-19	2.4E-18	4.4E-15	1.0E-14	5.5E-16	5.5E-16	1.2E-20	7.6E-20	1.6E-14
Octachlorobiphenyl	5.8E-18	1.9E-18	2.6E-18	1.6E-18	4.4E-18	9.5E-15	2.2E-14	1.2E-15	1.2E-15	2.3E-20	1.4E-19	3.4E-14
Pentachlorobiphenyl	2.6E-16	9.3E-17	1.3E-16	7.9E-17	2.2E-16	4.5E-13	1.0E-12	5.6E-14	5.6E-14	1.1E-18	7.0E-18	1.6E-12
Tetrachlorobiphenyl	5.4E-18	6.6E-19	9.2E-19	5.6E-19	1.6E-18	2.6E-14	6.0E-14	3.2E-15	3.2E-15	1.5E-20	9.2E-20	9.2E-14
Trichlorobiphenyl	7.1E-18	7.9E-19	1.1E-18	6.7E-19	1.9E-18	3.3E-14	7.6E-14	4.1E-15	4.1E-15	1.8E-20	1.1E-19	1.2E-13
Pesticides												
Chlordecone (Kepone)		5.4E-07		6.4E-07						1.4E-11		1.2E-06
DDE				3.0E-09		3.2E-09				2.7E-11	1.7E-10	6.4E-09
Dieldrin			6.8E-09		1.6E-08						5.0E-13	2.3E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene							2.8E-08					2.8E-08
1,3-dichlorobenzene												

Table H-699 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
1,4-dichlorobenzene	2.1E-20					7.2E-13	1.7E-12	8.9E-14	8.9E-14			2.5E-12
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.9E-16	4.0E-15	5.6E-15	4.8E-15	1.3E-14	2.0E-11	4.5E-11	2.4E-12	2.4E-12	4.0E-20	2.5E-19	7.0E-11
Butyl benzyl phthalate	1.4E-17	2.7E-19	3.7E-19	3.1E-19	8.8E-19							1.6E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	2.3E-17					4.2E-11	9.7E-11	5.2E-12	5.2E-12			1.5E-10
Isopropanol												
p-Chloroaniline			2.8E-09		6.6E-09							9.4E-09
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	3.0E-21					4.3E-14	9.9E-14	5.4E-15	5.4E-15			1.5E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.4E-18											1.4E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	3.2E-20					1.8E-12	4.1E-12	2.2E-13	2.2E-13			6.3E-12
1,2-Dichloroethane	4.5E-20					3.1E-12	4.9E-08	1.1E-09	1.1E-09			5.1E-08
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												

Table H-699 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Butanone												
2-Chlorotoluene												
2-Hexanone												
Benzene	4.7E-18					2.8E-08	9.0E-08	3.2E-09	3.2E-09			1.2E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	8.3E-22					1.5E-13	5.4E-07	1.9E-14	1.9E-14			5.4E-07
Bromoform							7.2E-08					7.2E-08
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	4.0E-22					3.8E-08	1.0E-07	4.0E-09	4.0E-09			1.5E-07
Chlorobenzene												
Chlorodibromomethane	6.6E-20											6.6E-20
Chloroethane												
Chloroform	3.7E-21					2.1E-08	7.8E-07	2.4E-09	2.4E-09			8.1E-07
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	7.0E-19					2.9E-09	2.4E-08	2.6E-12	2.6E-12			2.7E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	2.2E-21					7.7E-15	1.8E-14	9.7E-16	9.7E-16			2.8E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.9E-23					1.3E-15	3.1E-15	1.7E-16	1.7E-16			4.8E-15
Toluene												

Table H-699 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.3E-23					1.3E-15	7.9E-08	1.6E-16	1.6E-16			7.9E-08
Trichlorofluoromethane												
Vinyl chloride	1.5E-20					9.3E-13	2.2E-12	1.2E-13	1.2E-13			3.3E-12
Grand Total	1.4E-12	5.8E-07	3.0E-07	7.1E-07	5.9E-07	1.9E-06	1.7E-06	1.1E-08	1.1E-08	8.6E-10	2.6E-09	5.9E-06

Table H-700 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					3.3E-01	1.5E-04	7.9E-06	7.9E-06			3.3E-01
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.0E-02	2.0E-02					1.0E-04	4.2E-04	3.0E-02
Antimony	3.9E-14			9.4E-04	3.6E-03							4.5E-03

Table H-700 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	1.2E-03	7.7E-04	2.8E-03	3.6E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	4.6E-06	1.3E-05	8.6E-03
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				8.8E-02	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.2E-04	6.6E-04	2.2E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				3.2E-02	5.4E-02							8.6E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.1E-02	6.8E-02	7.9E-02
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.8E-02	3.5E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.0E-04	8.5E-04	6.5E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Thallium (Soluble Salts)					1.7E-02							1.7E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-700 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
Chlordecone (Kepone)		4.2E-03		5.0E-03								9.2E-03
DDE												
Dieldrin			2.0E-04		4.7E-04							6.7E-04
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.1E-02						1.1E-02
1,3-dichlorobenzene												

Table H-700 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.7E-03	1.1E-02					1.3E-02
p-Chloroaniline			8.2E-05		1.9E-04							2.8E-04
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	6.3E-03	1.4E-04	1.4E-04			6.5E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												

Table H-700 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.8E-03	9.0E-03	3.2E-04	3.2E-04			1.2E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromoform												
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.5E-03	3.9E-03	1.5E-04	1.5E-04			5.7E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					2.2E-04	8.1E-03	2.4E-05	2.4E-05			8.3E-03
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					2.7E-05	2.2E-04	2.4E-08	2.4E-08			2.5E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07

Table H-700 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					3.6E-09	2.2E-01	4.5E-10	4.5E-10			2.2E-01
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	5.0E-09	5.4E-03	1.0E-03	1.7E-01	2.6E-01	3.5E-01	2.7E-01	1.0E-03	1.0E-03	1.2E-02	6.9E-02	1.1E+00

Table H-701 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.4E-10	3.2E-10	1.7E-11	1.7E-11			4.9E-10
Formaldehyde						1.8E-06	2.2E-05	4.3E-11	4.3E-11			2.4E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	6.9E-17	6.9E-14	9.7E-14	2.7E-13	7.6E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	3.9E-18	2.4E-17	5.0E-11
1,2,3,4,6,7,8-HpCDF	6.7E-17	7.0E-14	9.8E-14	2.8E-13	7.7E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	4.0E-18	2.4E-17	5.1E-11
1,2,3,4,7,8,9-HpCDF	1.0E-17	8.0E-15	1.1E-14	3.2E-14	8.9E-14	1.8E-12	4.1E-12	2.2E-13	2.2E-13	4.5E-19	2.8E-18	6.4E-12
1,2,3,4,7,8-HxCDD	7.8E-16	7.9E-14	1.1E-13	3.1E-13	8.7E-13	1.7E-11	3.8E-11	2.1E-12	2.1E-12	4.4E-18	2.7E-17	6.0E-11
1,2,3,4,7,8-HxCDF	5.3E-15	6.2E-13	8.7E-13	2.5E-12	6.9E-12	1.3E-10	3.1E-10	1.7E-11	1.7E-11	3.5E-17	2.2E-16	4.9E-10
1,2,3,6,7,8-HxCDD	1.5E-15	1.6E-13	2.2E-13	6.3E-13	1.8E-12	3.5E-11	8.0E-11	4.4E-12	4.4E-12	9.1E-18	5.6E-17	1.3E-10
1,2,3,6,7,8-HxCDF	2.0E-15	2.0E-13	2.9E-13	8.1E-13	2.3E-12	4.4E-11	1.0E-10	5.5E-12	5.5E-12	1.2E-17	7.1E-17	1.6E-10
1,2,3,7,8,9-HxCDD	2.2E-15	2.5E-13	3.5E-13	1.0E-12	2.8E-12	5.3E-11	1.2E-10	6.6E-12	6.6E-12	1.4E-17	8.8E-17	1.9E-10
1,2,3,7,8,9-HxCDF	1.6E-16	1.5E-14	2.0E-14	5.8E-14	1.6E-13	3.4E-12	7.7E-12	4.2E-13	4.2E-13	8.2E-19	5.1E-18	1.2E-11
1,2,3,7,8-PeCDD	4.1E-14	8.9E-13	1.2E-12	3.5E-12	9.8E-12	2.1E-10	4.9E-10	2.6E-11	2.6E-11	5.0E-17	3.1E-16	7.7E-10
1,2,3,7,8-PeCDF	2.9E-15	5.2E-14	7.3E-14	2.1E-13	5.8E-13	1.5E-11	3.5E-11	1.9E-12	1.9E-12	2.9E-18	1.8E-17	5.4E-11
2,3,4,6,7,8-HxCDF	2.8E-15	3.2E-13	4.5E-13	1.3E-12	3.5E-12	6.8E-11	1.6E-10	8.5E-12	8.5E-12	1.8E-17	1.1E-16	2.5E-10
2,3,4,7,8-PeCDF	4.5E-14	1.2E-12	1.7E-12	4.9E-12	1.4E-11	3.4E-10	7.8E-10	4.2E-11	4.2E-11	7.1E-17	4.3E-16	1.2E-09
2,3,7,8-TCDD	1.4E-14	1.8E-13	2.5E-13	7.1E-13	2.0E-12	8.4E-11	1.9E-10	1.1E-11	1.1E-11	7.1E-15	4.3E-14	3.0E-10
2,3,7,8-TCDF	4.5E-15	3.3E-14	4.6E-14	1.3E-13	3.6E-13	3.1E-11	7.2E-11	3.9E-12	3.9E-12	1.9E-18	1.1E-17	1.1E-10
OCDD	9.2E-21	4.7E-16	6.6E-16	1.8E-15	5.2E-15	9.2E-14	2.1E-13	1.1E-14	1.1E-14	2.6E-20	1.6E-19	3.3E-13
OCDF	3.4E-21	1.8E-16	2.5E-16	7.1E-16	2.0E-15	3.4E-14	7.9E-14	4.3E-15	4.3E-15	1.0E-20	6.3E-20	1.3E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-701 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	5.2E-17	2.3E-08	2.9E-08	5.4E-08	1.4E-07	1.1E-10	2.5E-10	1.4E-11	1.4E-11	1.3E-11	7.1E-11	2.5E-07
Barium												
Beryllium						4.4E-12	1.0E-11	5.5E-13	5.5E-13	5.3E-21	3.2E-20	1.6E-11
Cadmium						5.8E-11	1.3E-10	7.3E-12	7.3E-12	3.1E-21	1.9E-20	2.1E-10
Chromium												
Cobalt						3.8E-09	8.8E-09	4.7E-10	4.7E-10	5.0E-10	1.5E-09	1.6E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.9E-11	8.9E-11	4.8E-12	4.8E-12	3.0E-10	9.5E-10	1.4E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.0E-19	4.1E-19	2.7E-19	7.5E-19							1.7E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.9E-13	6.9E-10	7.9E-14	6.3E-10	1.4E-13	1.4E-11	3.3E-11	1.8E-12	1.8E-12	1.4E-12	8.8E-12	1.4E-09
Benzo(a)pyrene	9.6E-13	8.1E-09	3.6E-13	7.4E-09	6.6E-13	5.5E-11	1.3E-10	6.9E-12	6.9E-12	5.4E-14	1.1E-17	1.6E-08
Benzo(b)fluoranthene	2.6E-14	1.5E-09	2.1E-15	1.3E-09	3.8E-15	6.2E-12	1.4E-11	7.7E-13	7.7E-13	9.8E-15	6.2E-20	2.8E-09
Benzo(e)pyrene												

Table H-701 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	2.1E-17	1.1E-10	2.6E-16	1.0E-10	4.7E-16	5.5E-14	1.3E-13	6.9E-15	6.9E-15	7.4E-15	7.7E-20	2.1E-10
Biphenyl				1.1E-18	3.2E-18							4.3E-18
Chrysene	3.3E-16	8.5E-12	1.0E-15	7.8E-12	1.9E-15	2.4E-12	5.6E-12	3.0E-13	3.0E-13	5.7E-16	3.1E-19	2.5E-11
Dibenze(a,h)anthracene	4.9E-14	9.4E-14	1.3E-13	8.5E-14	2.4E-13	9.5E-12	2.2E-11	1.2E-12	1.2E-12	6.9E-19	4.2E-18	3.5E-11
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.2E-14	3.5E-10	3.6E-14	3.2E-10	6.6E-14	2.9E-12	6.7E-12	3.6E-13	3.6E-13	2.4E-15	1.1E-18	6.9E-10
Napthalene						2.2E-10	5.0E-10	2.7E-11	2.7E-11			7.7E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.8E-17	1.7E-18	2.4E-18	1.5E-18	4.1E-18	8.0E-14	1.8E-13	9.9E-15	9.9E-15	3.9E-20	2.4E-19	2.8E-13
Heptachlorobiphenyl	2.0E-17	5.7E-18	8.0E-18	4.8E-18	1.4E-17	3.1E-14	7.2E-14	3.9E-15	3.9E-15	7.0E-20	4.3E-19	1.1E-13
Hexachlorobiphenyl	8.0E-17	2.6E-17	3.6E-17	2.2E-17	6.1E-17	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.2E-19	1.9E-18	4.6E-13
Monochlorobiphenyl	1.3E-16	1.2E-17	1.7E-17	1.0E-17	2.8E-17	5.5E-13	1.3E-12	6.9E-14	6.9E-14	2.7E-19	1.7E-18	2.0E-12
Nonachlorobiphenyl	2.5E-18	1.0E-18	1.4E-18	8.5E-19	2.4E-18	4.4E-15	1.0E-14	5.5E-16	5.5E-16	1.2E-20	7.6E-20	1.6E-14
Octachlorobiphenyl	5.8E-18	1.9E-18	2.6E-18	1.6E-18	4.4E-18	9.5E-15	2.2E-14	1.2E-15	1.2E-15	2.3E-20	1.4E-19	3.4E-14
Pentachlorobiphenyl	2.6E-16	9.3E-17	1.3E-16	7.9E-17	2.2E-16	4.5E-13	1.0E-12	5.6E-14	5.6E-14	1.1E-18	7.0E-18	1.6E-12
Tetrachlorobiphenyl	5.4E-18	6.6E-19	9.2E-19	5.6E-19	1.6E-18	2.6E-14	6.0E-14	3.2E-15	3.2E-15	1.5E-20	9.2E-20	9.2E-14
Trichlorobiphenyl	7.1E-18	7.9E-19	1.1E-18	6.7E-19	1.9E-18	3.3E-14	7.6E-14	4.1E-15	4.1E-15	1.8E-20	1.1E-19	1.2E-13
Pesticides												
Chlordecone (Kepone)		5.4E-07		6.4E-07						1.4E-11		1.2E-06
DDE				3.0E-09	1.1E-09					2.7E-11	1.7E-10	4.3E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene						2.8E-08						2.8E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	2.1E-20					7.2E-13	1.7E-12	8.9E-14	8.9E-14			2.5E-12

Table H-701 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.9E-16	4.0E-15	5.6E-15	4.8E-15	1.3E-14	2.0E-11	4.5E-11	2.4E-12	2.4E-12	4.0E-20	2.5E-19	7.0E-11
Butyl benzyl phthalate	1.4E-17	2.7E-19	3.7E-19	3.1E-19	8.8E-19							1.6E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	2.3E-17					4.2E-11	9.7E-11	5.2E-12	5.2E-12			1.5E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	3.0E-21					4.3E-14	9.9E-14	5.4E-15	5.4E-15			1.5E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.4E-18											1.4E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	3.2E-20					1.8E-12	4.1E-12	2.2E-13	2.2E-13			6.3E-12
1,2-Dichloroethane	4.5E-20					3.1E-12	7.1E-12	1.1E-09	1.1E-09			2.2E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												

Table H-701 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone												
Benzene	4.7E-18					2.8E-08	6.7E-10	3.2E-09	3.2E-09			3.5E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	8.3E-22					1.5E-13	3.5E-13	1.9E-14	1.9E-14			5.4E-13
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	4.0E-22					3.8E-08	1.3E-13	4.0E-09	4.0E-09			4.6E-08
Chlorobenzene												
Chlorodibromomethane	6.6E-20											6.6E-20
Chloroethane												
Chloroform	3.7E-21					2.1E-08	4.5E-12	2.4E-09	2.4E-09			2.6E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	7.0E-19					2.9E-09	4.8E-11	2.6E-12	2.6E-12			3.0E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	2.2E-21					7.7E-15	1.8E-14	9.7E-16	9.7E-16			2.8E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.9E-23					1.3E-15	3.1E-15	1.7E-16	1.7E-16			4.8E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.3E-23					1.3E-15	2.9E-15	1.6E-16	1.6E-16			4.5E-15

Table H-701 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane												
Vinyl chloride	1.5E-20					9.3E-13	2.2E-12	1.2E-13	1.2E-13			3.3E-12
Grand Total	1.4E-12	5.8E-07	2.9E-08	7.1E-07	1.4E-07	1.9E-06	2.2E-05	1.1E-08	1.1E-08	8.6E-10	2.7E-09	2.5E-05

Table H-702 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					3.3E-01	4.0E+00	7.9E-06	7.9E-06			4.4E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.0E-02	2.4E-02					1.0E-04	5.1E-04	3.5E-02
Antimony	3.9E-14			9.4E-04	1.2E-03							2.1E-03

Table H-702 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	1.2E-03	1.5E-03	2.8E-03	7.2E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	4.6E-06	2.6E-05	1.3E-02
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				8.8E-02	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.2E-04	6.7E-04	2.2E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				3.2E-02	5.7E-02							8.9E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.1E-02	6.8E-02	7.9E-02
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.8E-02	4.0E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.0E-04	9.5E-04	6.9E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Thallium (Soluble Salts)					1.4E-02							1.4E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-702 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
Chlordecone (Kepone)		4.2E-03		5.0E-03								9.2E-03
DDE												
SVOCs												
1,2,4-trichlorobenzene								1.3E-07	3.1E-07	1.7E-08	1.7E-08	4.8E-07
1,2-dichlorobenzene	3.1E-17							5.4E-10	1.3E-09	6.8E-11	6.8E-11	1.9E-09
1,3-Butadiene								1.1E-02				1.1E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15							1.9E-09	4.4E-09	2.4E-10	2.4E-10	6.8E-09

Table H-702 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.7E-03						1.7E-03
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	9.1E-07	1.4E-04	1.4E-04			2.9E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												

Table H-702 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.8E-03	6.7E-05	3.2E-04	3.2E-04			3.5E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.5E-03	5.0E-09	1.5E-04	1.5E-04			1.8E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					2.2E-04	4.6E-08	2.4E-05	2.4E-05			2.7E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					2.7E-05	4.5E-07	2.4E-08	2.4E-08			2.8E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					3.6E-09	8.4E-09	4.5E-10	4.5E-10			1.3E-08

Table H-702 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	5.0E-09	5.4E-03	1.5E-03	1.7E-01	2.7E-01	3.5E-01	4.0E+00	1.0E-03	1.0E-03	1.2E-02	7.0E-02	4.9E+00

Table H-703 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.4E-10	3.2E-10	1.7E-11	1.7E-11			4.9E-10
Formaldehyde						1.8E-06	1.5E-05	4.3E-11	4.3E-11			1.7E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	6.9E-17	6.9E-14	9.7E-14	2.7E-13	7.6E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	3.9E-18	2.4E-17	5.0E-11
1,2,3,4,6,7,8-HpCDF	6.7E-17	7.0E-14	9.8E-14	2.8E-13	7.7E-13	1.4E-11	3.2E-11	1.7E-12	1.7E-12	4.0E-18	2.4E-17	5.1E-11
1,2,3,4,7,8,9-HpCDF	1.0E-17	8.0E-15	1.1E-14	3.2E-14	8.9E-14	1.8E-12	4.1E-12	2.2E-13	2.2E-13	4.5E-19	2.8E-18	6.4E-12
1,2,3,4,7,8-HxCDD	7.8E-16	7.9E-14	1.1E-13	3.1E-13	8.7E-13	1.7E-11	3.8E-11	2.1E-12	2.1E-12	4.4E-18	2.7E-17	6.0E-11
1,2,3,4,7,8-HxCDF	5.3E-15	6.2E-13	8.7E-13	2.5E-12	6.9E-12	1.3E-10	3.1E-10	1.7E-11	1.7E-11	3.5E-17	2.2E-16	4.9E-10
1,2,3,6,7,8-HxCDD	1.5E-15	1.6E-13	2.2E-13	6.3E-13	1.8E-12	3.5E-11	8.0E-11	4.4E-12	4.4E-12	9.1E-18	5.6E-17	1.3E-10
1,2,3,6,7,8-HxCDF	2.0E-15	2.0E-13	2.9E-13	8.1E-13	2.3E-12	4.4E-11	1.0E-10	5.5E-12	5.5E-12	1.2E-17	7.1E-17	1.6E-10
1,2,3,7,8,9-HxCDD	2.2E-15	2.5E-13	3.5E-13	1.0E-12	2.8E-12	5.3E-11	1.2E-10	6.6E-12	6.6E-12	1.4E-17	8.8E-17	1.9E-10
1,2,3,7,8,9-HxCDF	1.6E-16	1.5E-14	2.0E-14	5.8E-14	1.6E-13	3.4E-12	7.7E-12	4.2E-13	4.2E-13	8.2E-19	5.1E-18	1.2E-11
1,2,3,7,8-PeCDD	4.1E-14	8.9E-13	1.2E-12	3.5E-12	9.8E-12	2.1E-10	4.9E-10	2.6E-11	2.6E-11	5.0E-17	3.1E-16	7.7E-10
1,2,3,7,8-PeCDF	2.9E-15	5.2E-14	7.3E-14	2.1E-13	5.8E-13	1.5E-11	3.5E-11	1.9E-12	1.9E-12	2.9E-18	1.8E-17	5.4E-11
2,3,4,6,7,8-HxCDF	2.8E-15	3.2E-13	4.5E-13	1.3E-12	3.5E-12	6.8E-11	1.6E-10	8.5E-12	8.5E-12	1.8E-17	1.1E-16	2.5E-10
2,3,4,7,8-PeCDF	4.5E-14	1.2E-12	1.7E-12	4.9E-12	1.4E-11	3.4E-10	7.8E-10	4.2E-11	4.2E-11	7.1E-17	4.3E-16	1.2E-09
2,3,7,8-TCDD	1.4E-14	1.8E-13	2.5E-13	7.1E-13	2.0E-12	8.4E-11	1.9E-10	1.1E-11	1.1E-11	7.1E-15	4.3E-14	3.0E-10
2,3,7,8-TCDF	4.5E-15	3.3E-14	4.6E-14	1.3E-13	3.6E-13	3.1E-11	7.2E-11	3.9E-12	3.9E-12	1.9E-18	1.1E-17	1.1E-10
OCDD	9.2E-21	4.7E-16	6.6E-16	1.8E-15	5.2E-15	9.2E-14	2.1E-13	1.1E-14	1.1E-14	2.6E-20	1.6E-19	3.3E-13
OCDF	3.4E-21	1.8E-16	2.5E-16	7.1E-16	2.0E-15	3.4E-14	7.9E-14	4.3E-15	4.3E-15	1.0E-20	6.3E-20	1.3E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-703 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	5.2E-17	2.3E-08	1.2E-08	5.4E-08	5.5E-08	1.1E-10	2.5E-10	1.4E-11	1.4E-11	1.3E-11	2.9E-11	1.5E-07
Barium												
Beryllium						4.4E-12	1.0E-11	5.5E-13	5.5E-13	5.3E-21	3.2E-20	1.6E-11
Cadmium						5.8E-11	1.3E-10	7.3E-12	7.3E-12	3.1E-21	1.9E-20	2.1E-10
Chromium												
Cobalt						3.8E-09	8.8E-09	4.7E-10	4.7E-10	5.0E-10	2.6E-09	1.7E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.9E-11	8.9E-11	4.8E-12	4.8E-12	3.0E-10	1.6E-09	2.0E-09
Phosphorus												
Selenium												
Silver												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.0E-19	4.1E-19	2.7E-19	7.5E-19							1.7E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.9E-13	6.9E-10	7.9E-14	6.3E-10	1.4E-13	1.4E-11	3.3E-11	1.8E-12	1.8E-12	1.4E-12	8.8E-12	1.4E-09
Benzo(a)pyrene	9.6E-13	8.1E-09	4.1E-08	7.4E-09	7.5E-08	5.5E-11	1.3E-10	6.9E-12	6.9E-12	5.4E-14	1.2E-12	1.3E-07
Benzo(b)fluoranthene	2.6E-14	1.5E-09	3.7E-09	1.3E-09	6.8E-09	6.2E-12	1.4E-11	7.7E-13	7.7E-13	9.8E-15	1.1E-13	1.3E-08
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-703 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene	2.1E-17	1.1E-10	2.6E-16	1.0E-10	4.7E-16	5.5E-14	1.3E-13	6.9E-15	6.9E-15	7.4E-15	7.7E-20	2.1E-10
Biphenyl				1.1E-18	3.2E-18							4.3E-18
Chrysene	3.3E-16	8.5E-12	1.0E-15	7.8E-12	1.9E-15	2.4E-12	5.6E-12	3.0E-13	3.0E-13	5.7E-16	3.1E-19	2.5E-11
Dibenze(a,h)anthracene	4.9E-14	9.4E-14	1.3E-13	8.5E-14	2.4E-13	9.5E-12	2.2E-11	1.2E-12	1.2E-12	6.9E-19	4.2E-18	3.5E-11
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.2E-14	3.5E-10	3.6E-14	3.2E-10	6.6E-14	2.9E-12	6.7E-12	3.6E-13	3.6E-13	2.4E-15	1.1E-18	6.9E-10
Napthalene						2.2E-10	5.0E-10	2.7E-11	2.7E-11			7.7E-10
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.8E-17	1.7E-18	2.4E-18	1.5E-18	4.1E-18	8.0E-14	1.8E-13	9.9E-15	9.9E-15	3.9E-20	2.4E-19	2.8E-13
Heptachlorobiphenyl	2.0E-17	5.7E-18	8.0E-18	4.8E-18	1.4E-17	3.1E-14	7.2E-14	3.9E-15	3.9E-15	7.0E-20	4.3E-19	1.1E-13
Hexachlorobiphenyl	8.0E-17	2.6E-17	3.6E-17	2.2E-17	6.1E-17	1.3E-13	3.0E-13	1.6E-14	1.6E-14	3.2E-19	1.9E-18	4.6E-13
Monochlorobiphenyl	1.3E-16	1.2E-17	1.7E-17	1.0E-17	2.8E-17	5.5E-13	1.3E-12	6.9E-14	6.9E-14	2.7E-19	1.7E-18	2.0E-12
Nonachlorobiphenyl	2.5E-18	1.0E-18	1.4E-18	8.5E-19	2.4E-18	4.4E-15	1.0E-14	5.5E-16	5.5E-16	1.2E-20	7.6E-20	1.6E-14
Octachlorobiphenyl	5.8E-18	1.9E-18	2.6E-18	1.6E-18	4.4E-18	9.5E-15	2.2E-14	1.2E-15	1.2E-15	2.3E-20	1.4E-19	3.4E-14
Pentachlorobiphenyl	2.6E-16	9.3E-17	1.3E-16	7.9E-17	2.2E-16	4.5E-13	1.0E-12	5.6E-14	5.6E-14	1.1E-18	7.0E-18	1.6E-12
Tetrachlorobiphenyl	5.4E-18	6.6E-19	9.2E-19	5.6E-19	1.6E-18	2.6E-14	6.0E-14	3.2E-15	3.2E-15	1.5E-20	9.2E-20	9.2E-14
Trichlorobiphenyl	7.1E-18	7.9E-19	1.1E-18	6.7E-19	1.9E-18	3.3E-14	7.6E-14	4.1E-15	4.1E-15	1.8E-20	1.1E-19	1.2E-13
Pesticides												
Chlordecone (Kepone)		5.4E-07		6.4E-07						1.4E-11		1.2E-06
DDE				3.0E-09	4.0E-09					2.7E-11	1.7E-10	7.2E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene							2.8E-08					2.8E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	2.1E-20						7.2E-13	1.7E-12	8.9E-14	8.9E-14		2.5E-12
2,4-Dimethylphenol												

Table H-703 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.9E-16	4.0E-15	5.6E-15	4.8E-15	1.3E-14	2.0E-11	4.5E-11	2.4E-12	2.4E-12	4.0E-20	2.5E-19	7.0E-11
Butyl benzyl phthalate	1.4E-17	2.7E-19	3.7E-19	3.1E-19	8.8E-19							1.6E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	2.3E-17					4.2E-11	9.7E-11	5.2E-12	5.2E-12			1.5E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	3.0E-21					4.3E-14	9.9E-14	5.4E-15	5.4E-15			1.5E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.4E-18											1.4E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	3.2E-20					1.8E-12	4.1E-12	2.2E-13	2.2E-13			6.3E-12
1,2-Dichloroethane	4.5E-20					3.1E-12	7.1E-12	1.1E-09	1.1E-09			2.2E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-703 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	4.7E-18					2.8E-08	6.7E-10	3.2E-09	3.2E-09			3.5E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	8.3E-22					1.5E-13	3.5E-13	1.9E-14	1.9E-14			5.4E-13
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	4.0E-22					3.8E-08	1.3E-13	4.0E-09	4.0E-09			4.6E-08
Chlorobenzene												
Chlorodibromomethane	6.6E-20											6.6E-20
Chloroethane												
Chloroform	3.7E-21					2.1E-08	4.5E-12	2.4E-09	2.4E-09			2.6E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	7.0E-19					2.9E-09	4.8E-11	2.6E-12	2.6E-12			3.0E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	2.2E-21					7.7E-15	1.8E-14	9.7E-16	9.7E-16			2.8E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.9E-23					1.3E-15	3.1E-15	1.7E-16	1.7E-16			4.8E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.3E-23					1.3E-15	2.9E-15	1.6E-16	1.6E-16			4.5E-15
Trichlorofluoromethane												

Table H-703 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.5E-20					9.3E-13	2.2E-12	1.2E-13	1.2E-13			3.3E-12
Grand Total	1.4E-12	5.8E-07	5.7E-08	7.1E-07	1.4E-07	1.9E-06	1.5E-05	1.1E-08	1.1E-08	8.6E-10	4.4E-09	1.8E-05

Table H-704 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					3.3E-01	2.7E+00	7.9E-06	7.9E-06			3.1E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.0E-02	1.9E-02					1.0E-04	4.1E-04	3.0E-02
Antimony	3.9E-14			9.4E-04	4.2E-04							1.4E-03

Table H-704 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	1.2E-03	6.1E-04	2.8E-03	2.9E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	4.6E-06	1.0E-05	7.7E-03
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				8.8E-02	2.1E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.2E-04	1.1E-03	3.1E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				3.2E-02	6.2E-02							9.4E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.1E-02	6.8E-02	7.9E-02
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.8E-02	6.6E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.0E-04	1.6E-03	9.6E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-704 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
Chlordecone (Kepone)		4.2E-03		5.0E-03								9.2E-03
DDE												
SVOCs												
1,2,4-trichlorobenzene								1.3E-07	3.1E-07	1.7E-08	1.7E-08	4.8E-07
1,2-dichlorobenzene	3.1E-17							5.4E-10	1.3E-09	6.8E-11	6.8E-11	1.9E-09
1,3-Butadiene								1.1E-02				1.1E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15							1.9E-09	4.4E-09	2.4E-10	2.4E-10	6.8E-09
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-704 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.7E-03						1.7E-03
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	9.1E-07	1.4E-04	1.4E-04			2.9E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07

Table H-704 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					2.8E-03	6.7E-05	3.2E-04	3.2E-04			3.5E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.5E-03	5.0E-09	1.5E-04	1.5E-04			1.8E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					2.2E-04	4.6E-08	2.4E-05	2.4E-05			2.7E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					2.7E-05	4.5E-07	2.4E-08	2.4E-08			2.8E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					3.6E-09	8.4E-09	4.5E-10	4.5E-10			1.3E-08
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-704 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	5.0E-09	5.4E-03	6.1E-04	1.7E-01	3.6E-01	3.5E-01	2.8E+00	1.0E-03	1.0E-03	1.2E-02	7.1E-02	3.7E+00

Table H-705 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						1.4E-10	4.9E-09	1.7E-11	1.6E-09			6.7E-09
Formaldehyde						1.8E-06	1.1E-08	4.3E-11	3.8E-09			1.8E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	6.9E-17	6.9E-14	1.3E-12	2.7E-13	1.0E-11	1.4E-11	5.5E-10	1.7E-12	1.8E-10	3.9E-18	3.2E-16	7.6E-10
1,2,3,4,6,7,8-HpCDF	6.7E-17	7.0E-14	1.3E-12	2.8E-13	1.0E-11	1.4E-11	5.5E-10	1.7E-12	1.8E-10	4.0E-18	3.2E-16	7.7E-10
1,2,3,4,7,8,9-HpCDF	1.0E-17	8.0E-15	1.6E-13	3.2E-14	1.2E-12	1.8E-12	7.2E-11	2.2E-13	2.4E-11	4.5E-19	3.9E-17	9.9E-11
1,2,3,4,7,8-HxCDD	7.8E-16	7.9E-14	1.5E-12	3.1E-13	1.2E-11	1.7E-11	6.7E-10	2.1E-12	2.2E-10	4.4E-18	3.8E-16	9.3E-10
1,2,3,4,7,8-HxCDF	5.3E-15	6.2E-13	1.2E-11	2.5E-12	9.5E-11	1.3E-10	5.4E-09	1.7E-11	1.8E-09	3.5E-17	3.0E-15	7.5E-09
1,2,3,6,7,8-HxCDD	1.5E-15	1.6E-13	3.1E-12	6.3E-13	2.4E-11	3.5E-11	1.4E-09	4.4E-12	4.7E-10	9.1E-18	7.7E-16	2.0E-09
1,2,3,6,7,8-HxCDF	2.0E-15	2.0E-13	4.0E-12	8.1E-13	3.1E-11	4.4E-11	1.8E-09	5.5E-12	5.9E-10	1.2E-17	9.9E-16	2.5E-09
1,2,3,7,8,9-HxCDD	2.2E-15	2.5E-13	4.9E-12	1.0E-12	3.8E-11	5.3E-11	2.1E-09	6.6E-12	7.1E-10	1.4E-17	1.2E-15	3.0E-09
1,2,3,7,8,9-HxCDF	1.6E-16	1.5E-14	2.9E-13	5.8E-14	2.3E-12	3.4E-12	1.4E-10	4.2E-13	4.6E-11	8.2E-19	7.1E-17	1.9E-10
1,2,3,7,8-PeCDD	4.1E-14	8.9E-13	1.7E-11	3.5E-12	1.4E-10	2.1E-10	8.6E-09	2.6E-11	2.9E-09	5.0E-17	4.3E-15	1.2E-08
1,2,3,7,8-PeCDF	2.9E-15	5.2E-14	1.0E-12	2.1E-13	8.1E-12	1.5E-11	6.1E-10	1.9E-12	2.0E-10	2.9E-18	2.6E-16	8.4E-10
2,3,4,6,7,8-HxCDF	2.8E-15	3.2E-13	6.0E-12	1.3E-12	4.7E-11	6.8E-11	2.7E-09	8.5E-12	9.0E-10	1.8E-17	1.5E-15	3.7E-09
2,3,4,7,8-PeCDF	4.5E-14	1.2E-12	2.5E-11	4.9E-12	1.9E-10	3.4E-10	1.4E-08	4.2E-11	4.6E-09	7.1E-17	6.1E-15	1.9E-08
2,3,7,8-TCDD	1.4E-14	1.8E-13	2.6E-12	7.1E-13	2.1E-11	8.4E-11	2.8E-09	1.1E-11	9.4E-10	7.1E-15	4.5E-13	3.9E-09
2,3,7,8-TCDF	4.5E-15	3.3E-14	6.6E-13	1.3E-13	5.2E-12	3.1E-11	1.3E-09	3.9E-12	4.3E-10	1.9E-18	1.6E-16	1.7E-09
OCDD	9.2E-21	4.7E-16	8.6E-15	1.8E-15	6.8E-14	9.2E-14	3.6E-12	1.1E-14	1.2E-12	2.6E-20	2.1E-18	5.0E-12
OCDF	3.4E-21	1.8E-16	3.2E-15	7.1E-16	2.6E-14	3.4E-14	1.3E-12	4.3E-15	4.5E-13	1.0E-20	8.1E-19	1.9E-12
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-705 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	5.2E-17	2.3E-08	3.1E-18	5.4E-08	1.5E-17	1.1E-10	3.9E-09	1.4E-11	1.3E-09	1.3E-11	7.6E-21	8.3E-08
Barium												
Beryllium						4.4E-12	1.5E-10	5.5E-13	5.0E-11	5.3E-21	4.4E-19	2.0E-10
Cadmium						5.8E-11	2.0E-09	7.3E-12	6.8E-10	3.1E-21	2.6E-19	2.8E-09
Chromium												
Cobalt						3.8E-09	6.9E-08	4.7E-10	2.3E-08	5.0E-10	3.6E-13	9.7E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						3.9E-11	1.3E-09	4.8E-12	4.4E-10	3.0E-10	1.9E-19	2.1E-09
Phosphorus												
Selenium												
Silver												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.0E-19	6.0E-18	2.7E-19	1.1E-17							1.8E-17
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	1.9E-13	6.9E-10	1.3E-12	6.3E-10	2.3E-12	1.4E-11	6.1E-10	1.8E-12	2.0E-10	1.4E-12	1.1E-14	2.2E-09
Benzo(a)pyrene	9.6E-13	8.1E-09	5.3E-12	7.4E-09	9.7E-12	5.5E-11	2.3E-09	6.9E-12	7.7E-10	5.4E-14	1.6E-16	1.9E-08
Benzo(b)fluoranthene	2.6E-14	1.5E-09	2.9E-14	1.3E-09	5.2E-14	6.2E-12	2.5E-10	7.7E-13	8.3E-11	9.8E-15	8.5E-19	3.1E-09
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-705 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Outdoor Vapors at CJ	Inhalation of Outdoor Vapors at Home	Grand Total
Benzo(k)fluoranthene	2.1E-17	1.1E-10	1.7E-15	1.0E-10	3.1E-15	5.5E-14	9.8E-13	6.9E-15	3.3E-13	7.4E-15	5.1E-19	2.1E-10
Biphenyl				1.1E-18	4.8E-17							4.9E-17
Chrysene	3.3E-16	8.5E-12	1.5E-14	7.8E-12	2.7E-14	2.4E-12	1.0E-10	3.0E-13	3.3E-11	5.7E-16	4.5E-18	1.5E-10
Dibenze(a,h)anthracene	4.9E-14	9.4E-14	1.9E-12	8.5E-14	3.4E-12	9.5E-12	3.9E-10	1.2E-12	1.3E-10	6.9E-19	6.0E-17	5.4E-10
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	1.2E-14	3.5E-10	5.2E-13	3.2E-10	9.5E-13	2.9E-12	1.2E-10	3.6E-13	4.0E-11	2.4E-15	1.5E-17	8.4E-10
Napthalene						2.2E-10	9.0E-09	2.7E-11	3.0E-09			1.2E-08
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	1.8E-17	1.7E-18	3.4E-17	1.5E-18	5.8E-17	8.0E-14	3.3E-12	9.9E-15	1.1E-12	3.9E-20	3.4E-18	4.4E-12
Heptachlorobiphenyl	2.0E-17	5.7E-18	1.1E-16	4.8E-18	1.9E-16	3.1E-14	1.3E-12	3.9E-15	4.2E-13	7.0E-20	6.0E-18	1.7E-12
Hexachlorobiphenyl	8.0E-17	2.6E-17	4.6E-16	2.2E-17	7.9E-16	1.3E-13	5.1E-12	1.6E-14	1.7E-12	3.2E-19	2.5E-17	6.9E-12
Monochlorobiphenyl	1.3E-16	1.2E-17	2.4E-16	1.0E-17	4.1E-16	5.5E-13	2.3E-11	6.9E-14	7.6E-12	2.7E-19	2.4E-17	3.1E-11
Nonachlorobiphenyl	2.5E-18	1.0E-18	1.6E-17	8.5E-19	2.7E-17	4.4E-15	1.6E-13	5.5E-16	5.2E-14	1.2E-20	8.5E-19	2.1E-13
Octachlorobiphenyl	5.8E-18	1.9E-18	3.4E-17	1.6E-18	5.7E-17	9.5E-15	3.7E-13	1.2E-15	1.2E-13	2.3E-20	1.8E-18	5.1E-13
Pentachlorobiphenyl	2.6E-16	9.3E-17	1.6E-15	7.9E-17	2.7E-15	4.5E-13	1.7E-11	5.6E-14	5.6E-12	1.1E-18	8.6E-17	2.3E-11
Tetrachlorobiphenyl	5.4E-18	6.6E-19	1.1E-17	5.6E-19	1.9E-17	2.6E-14	9.7E-13	3.2E-15	3.2E-13	1.5E-20	1.1E-18	1.3E-12
Trichlorobiphenyl	7.1E-18	7.9E-19	1.4E-17	6.7E-19	2.4E-17	3.3E-14	1.3E-12	4.1E-15	4.2E-13	1.8E-20	1.4E-18	1.7E-12
Pesticides												
Chlordecone (Kepone)		5.4E-07		6.4E-07						1.4E-11		1.2E-06
DDE				3.0E-09						2.7E-11		3.0E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene							2.8E-08					2.8E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	2.1E-20						7.2E-13	3.2E-11	8.9E-14	1.1E-11		4.4E-11
2,4-Dimethylphenol												

Table H-705 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	2.9E-16	4.0E-15	7.2E-14	4.8E-15	1.7E-13	2.0E-11	7.6E-10	2.4E-12	2.5E-10	4.0E-20	3.2E-18	1.0E-09
Butyl benzyl phthalate	1.4E-17	2.7E-19	5.4E-18	3.1E-19	1.3E-17							3.3E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	2.3E-17					4.2E-11	7.5E-10	5.2E-12	2.5E-10			1.0E-09
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	3.0E-21					4.3E-14	1.4E-12	5.4E-15	4.8E-13			2.0E-12
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	1.4E-18											1.4E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	3.2E-20					1.8E-12	3.2E-11	2.2E-13	1.1E-11			4.4E-11
1,2-Dichloroethane	4.5E-20					3.1E-12	1.2E-10	1.1E-09	3.9E-11			1.3E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-705 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	4.7E-18					2.8E-08	1.1E-08	3.2E-09	3.8E-09			4.7E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	8.3E-22					1.5E-13	2.7E-12	1.9E-14	9.0E-13			3.8E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	4.0E-22					3.8E-08	1.0E-12	4.0E-09	3.3E-13			4.2E-08
Chlorobenzene												
Chlorodibromomethane	6.6E-20											6.6E-20
Chloroethane												
Chloroform	3.7E-21					2.1E-08	3.8E-11	2.4E-09	1.3E-11			2.4E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	7.0E-19					2.9E-09	7.9E-10	2.6E-12	2.6E-10			4.0E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	2.2E-21					7.7E-15	2.8E-13	9.7E-16	9.5E-14			3.9E-13
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	5.9E-23					1.3E-15	4.7E-14	1.7E-16	1.6E-14			6.4E-14
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	1.3E-23					1.3E-15	2.3E-14	1.6E-16	7.6E-15			3.2E-14
Trichlorofluoromethane												

Table H-705 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.5E-20					9.3E-13	2.3E-11	1.2E-13	7.6E-12			3.1E-11
Grand Total	1.4E-12	5.8E-07	9.0E-11	7.1E-07	6.5E-10	1.9E-06	1.6E-07	1.1E-08	5.4E-08	8.6E-10	8.4E-13	3.4E-06

Table H-706 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	1.5E-03	5.2E-06	5.0E-04			2.0E-03
Aldehydes												
Acetaldehyde						1.6E-04	5.8E-03	2.0E-05	1.9E-03			7.9E-03
Formaldehyde	2.3E-12					3.3E-01	2.1E-03	7.9E-06	6.9E-04			3.3E-01
Propionaldehyde						2.0E-05	7.2E-04	2.5E-06	2.4E-04	2.1E-12	1.5E-10	9.8E-04
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-06	3.1E-07	9.0E-06	1.3E-06	4.3E-05	1.6E-07	1.4E-05	1.8E-10	1.2E-08	7.0E-05
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	7.7E-03	2.5E-05	2.6E-03			1.1E-02
Metals												
Aluminum				1.0E-02						1.0E-04		1.0E-02
Antimony	3.9E-14			9.4E-04								9.4E-04

Table H-706 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	1.2E-03	1.6E-13	2.8E-03	7.6E-13	4.0E-05	1.4E-03	4.9E-06	4.7E-04	4.6E-06	2.7E-15	5.9E-03
Barium	1.4E-11			2.2E-08	7.5E-07	2.5E-04	6.8E-03	3.1E-05	2.3E-03	4.3E-10	3.2E-08	9.3E-03
Beryllium	1.7E-14			5.2E-13	2.0E-11	2.1E-06	7.3E-05	2.7E-07	2.4E-05	2.6E-15	2.1E-13	9.9E-05
Cadmium	8.3E-12			8.2E-13	3.1E-11	7.6E-05	2.6E-03	9.5E-06	8.8E-04	4.0E-15	3.4E-13	3.6E-03
Chromium	1.9E-15			6.4E-11	2.5E-09							2.6E-09
Cobalt				8.8E-02	4.7E-05	1.6E-03	3.0E-02	2.0E-04	9.9E-03	2.2E-04	2.6E-07	1.3E-01
Copper				1.1E-08	4.3E-07							4.4E-07
Iron				3.2E-02								3.2E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.6E-09	7.8E-08	2.8E-06	9.8E-09	9.2E-07	1.0E-14	7.1E-13	3.8E-06
Mercury, elemental						3.3E-10	1.2E-08	4.1E-11	3.8E-09	1.1E-02		1.1E-02
Methyl Mercury	1.3E-10			3.8E-11	1.5E-09							1.6E-09
Nickel	1.7E-13			2.8E-02	7.8E-12	3.9E-05	1.3E-03	4.8E-06	4.4E-04	3.0E-04	1.9E-13	3.0E-02
Phosphorus				3.7E-10	1.4E-08							1.4E-08
Selenium	5.5E-14			8.1E-15	3.1E-13	8.7E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-20	8.4E-18	4.2E-07
Silver	4.2E-14			1.7E-10	6.3E-09							6.5E-09
Titanium												
Zinc	1.4E-11			6.1E-13	2.2E-11							3.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	6.9E-14	3.1E-15	1.3E-13							2.0E-13
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	1.2E-12	5.2E-14	2.1E-12							3.4E-12
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-706 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	2.8E-13	2.8E-04	1.2E-02	3.5E-05	3.9E-03	4.9E-12	4.5E-10	1.6E-02
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	3.4E-11	1.5E-12	6.3E-11							1.1E-10
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	2.1E-03	6.2E-06	6.9E-04			2.8E-03
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.9E-10	8.5E-12	3.5E-10							5.6E-10
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.8E-10	1.2E-11	4.7E-10							8.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	1.1E-10	4.9E-12	1.9E-10	9.8E-10	3.9E-08	1.2E-10	1.3E-08	3.8E-15	3.3E-13	5.4E-08
Hexachlorobiphenyl	4.7E-11	2.6E-11	4.7E-10	2.2E-11	8.0E-10	4.1E-06	1.6E-04	5.1E-07	5.3E-05	1.7E-11	1.4E-09	2.2E-04
Monochlorobiphenyl	6.1E-10	9.8E-11	2.0E-09	8.3E-11	3.3E-09							6.0E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.6E-11	8.6E-13	2.7E-11							4.6E-11
Octachlorobiphenyl	3.4E-12	1.9E-12	3.4E-11	1.6E-12	5.8E-11							9.9E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.6E-09	8.0E-11	2.7E-09	4.6E-05	1.7E-03	5.7E-06	5.7E-04	2.0E-10	1.5E-08	2.3E-03
Tetrachlorobiphenyl	2.6E-11	5.4E-12	9.1E-11	4.5E-12	1.5E-10	2.3E-07	8.7E-06	2.9E-08	2.9E-06	2.3E-13	1.7E-11	1.2E-05
Trichlorobiphenyl	3.4E-11	6.5E-12	1.2E-10	5.5E-12	2.0E-10							3.6E-10
Pesticides												
Chlordecone (Kepone)		4.2E-03		5.0E-03								9.2E-03
DDE												
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	4.3E-06	1.7E-08	1.4E-06			5.9E-06
1,2-dichlorobenzene	3.1E-17					5.4E-10	9.7E-09	6.8E-11	3.2E-09			1.4E-08
1,3-Butadiene						1.1E-02						1.1E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	8.5E-08	2.4E-10	2.8E-08			1.2E-07
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-706 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	3.9E-06	1.2E-08	1.3E-06			5.3E-06
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	6.0E-09	4.0E-10	1.4E-08							2.1E-08
Butyl benzyl phthalate	8.8E-13	1.6E-14	3.3E-13	1.9E-14	7.9E-13							2.0E-12
Carbazole												
Dibenzofuran		1.4E-13	2.9E-12	5.7E-13	2.3E-11							2.6E-11
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	6.7E-13	3.9E-14	1.6E-12							1.9E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	8.7E-12	1.1E-12	2.1E-11							3.1E-11
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.7E-03						1.7E-03
Phenol	4.9E-13					1.5E-06	6.2E-05	1.9E-07	2.1E-05			8.5E-05
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	1.0E-09	3.3E-12	3.3E-10			1.4E-09
1,1-Dichloroethene	1.2E-19					1.3E-10	2.3E-09	1.6E-11	7.7E-10			3.2E-09
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	6.4E-06	4.5E-08	2.1E-06			9.0E-06
1,2,4-Trimethylbenzene						8.9E-07	2.8E-05	1.1E-07	9.4E-06			3.9E-05
1,2-Dibromoethane	4.1E-17					7.7E-09	1.4E-07	9.6E-10	4.6E-08			1.9E-07
1,2-Dichloroethane	1.9E-15					4.0E-07	1.5E-05	1.4E-04	5.0E-06			1.6E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	2.6E-07	8.3E-10	8.7E-08			3.6E-07
2-Chlorotoluene												
2-Hexanone						2.3E-07	8.2E-06	2.8E-08	2.7E-06			1.1E-05

Table H-706 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					2.8E-03	1.1E-03	3.2E-04	3.8E-04			4.7E-03
Bromobenzene						6.2E-07	1.1E-05	7.8E-08	3.7E-06			1.5E-05
Bromochloromethane						2.2E-09	3.9E-08	2.8E-10	1.3E-08			5.5E-08
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	2.3E-05	9.5E-08	7.6E-06			3.1E-05
Carbon disulfide	1.3E-17					4.8E-09	1.4E-07	6.0E-10	4.7E-08			1.9E-07
Carbon tetrachloride	3.4E-17					1.5E-03	3.9E-08	1.5E-04	1.3E-08			1.6E-03
Chlorobenzene	2.3E-15					9.6E-08	3.4E-06	1.2E-08	1.1E-06			4.7E-06
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	3.2E-08	1.1E-10	1.1E-08			4.3E-08
Chloroform	2.8E-16					2.2E-04	3.9E-07	2.4E-05	1.3E-07			2.5E-04
Chloromethane						3.4E-07	1.0E-05	4.3E-08	3.5E-06			1.4E-05
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	9.1E-07	6.4E-09	3.0E-07			1.3E-06
Dichlorodifluoromethane	2.4E-20					2.5E-09	4.4E-08	3.1E-10	1.5E-08			6.2E-08
Ethylbenzene	1.5E-14					2.7E-05	7.4E-06	2.4E-08	2.5E-06			3.7E-05
Isopropylbenzene	2.0E-17					3.9E-08	1.3E-06	4.9E-09	4.5E-07			1.8E-06
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.1E-09	1.5E-11	7.1E-10			3.0E-09
Methylene chloride	4.3E-15					3.0E-08	1.1E-06	3.8E-09	3.7E-07			1.5E-06
n-Butylbenzene												
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07			4.2E-07
o-Xylene	1.4E-15					2.3E-07	7.6E-06	2.9E-08	2.5E-06			1.0E-05
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.9E-05	6.4E-08	6.2E-06			2.5E-05
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	1.1E-07	3.8E-10	3.5E-08			1.4E-07
Toluene	2.0E-14					6.3E-08	2.5E-06	7.9E-09	8.3E-07			3.4E-06
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					3.6E-09	6.5E-08	4.5E-10	2.2E-08			9.0E-08
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-706 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					5.0E-08	1.2E-06	6.2E-09	4.0E-07			1.7E-06
Grand Total	5.0E-09	5.4E-03	1.1E-06	1.7E-01	5.8E-05	3.5E-01	7.7E-02	1.0E-03	2.6E-02	1.2E-02	3.2E-07	6.3E-01

Table H-707 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			4.5E-09	5.6E-10		5.0E-09
Formaldehyde			1.0E-08	1.2E-09		1.1E-08
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	2.0E-12	8.1E-12	5.3E-10	6.6E-11	1.2E-16	6.0E-10
1,2,3,4,6,7,8-HpCDF	2.0E-12	8.1E-12	5.3E-10	6.6E-11	1.2E-16	6.0E-10
1,2,3,4,7,8,9-HpCDF	2.5E-13	9.9E-13	6.9E-11	8.7E-12	1.4E-17	7.9E-11
1,2,3,4,7,8-HxCDD	2.4E-12	9.6E-12	6.4E-10	8.0E-11	1.4E-16	7.4E-10
1,2,3,4,7,8-HxCDF	1.9E-11	7.6E-11	5.2E-09	6.5E-10	1.1E-15	6.0E-09
1,2,3,6,7,8-HxCDD	5.0E-12	2.0E-11	1.4E-09	1.7E-10	2.8E-16	1.6E-09
1,2,3,6,7,8-HxCDF	6.4E-12	2.5E-11	1.7E-09	2.1E-10	3.6E-16	2.0E-09
1,2,3,7,8,9-HxCDD	7.8E-12	3.1E-11	2.1E-09	2.6E-10	4.4E-16	2.4E-09
1,2,3,7,8,9-HxCDF	4.6E-13	1.8E-12	1.3E-10	1.7E-11	2.6E-17	1.5E-10
1,2,3,7,8-PeCDD	2.8E-11	1.1E-10	8.3E-09	1.0E-09	1.6E-15	9.4E-09

Table H-707 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	1.7E-12	6.5E-12	5.9E-10	7.4E-11	9.4E-17	6.7E-10
2,3,4,6,7,8-HxCDF	9.5E-12	3.8E-11	2.6E-09	3.2E-10	5.4E-16	3.0E-09
2,3,4,7,8-PeCDF	4.0E-11	1.6E-10	1.3E-08	1.7E-09	2.2E-15	1.5E-08
2,3,7,8-TCDD	3.6E-12	1.4E-11	2.5E-09	3.1E-10	1.4E-13	2.8E-09
2,3,7,8-TCDF	1.1E-12	4.2E-12	1.2E-09	1.5E-10	6.0E-17	1.4E-09
OCDD	1.4E-14	5.3E-14	3.4E-12	4.3E-13	7.6E-19	3.9E-12
OCDF	5.0E-15	2.0E-14	1.3E-12	1.6E-13	2.8E-19	1.4E-12
HCN						
Hydrogen cyanide						
Metals						
Antimony						
Arsenic	3.8E-18	9.0E-18	3.5E-09	4.4E-10	2.1E-21	4.0E-09
Barium						
Beryllium			1.3E-10	1.7E-11	1.2E-19	1.5E-10
Cadmium			1.8E-09	2.3E-10	7.2E-20	2.1E-09
Chromium						
Cobalt			3.7E-08	4.6E-09	6.7E-14	4.1E-08
Copper						
Lead						
Manganese						
Mercury (+2)						
Mercury, elemental						
Methyl Mercury						

Table H-707 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Nickel			1.2E-09	1.5E-10	5.1E-20	1.4E-09
Phosphorus						
Selenium						
Silver						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	9.9E-18	9.0E-18				1.9E-17
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	2.1E-12	1.9E-12	6.0E-10	7.5E-11	4.4E-15	6.8E-10
Benzo(a)pyrene	8.7E-12	7.9E-12	2.3E-09	2.8E-10	5.9E-17	2.6E-09
Benzo(b)fluoranthene	4.6E-14	4.2E-14	2.4E-10	3.0E-11	3.1E-19	2.7E-10
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	1.5E-15	1.4E-15	4.7E-13	5.9E-14	1.0E-19	5.3E-13

Table H-707 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Biphenyl		4.0E-17				4.0E-17
Chrysene	2.5E-14	2.2E-14	9.7E-11	1.2E-11	1.7E-18	1.1E-10
Dibenze(a,h)anthracene	3.0E-12	2.8E-12	3.8E-10	4.7E-11	2.2E-17	4.3E-10
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	8.5E-13	7.7E-13	1.2E-10	1.4E-11	5.7E-18	1.3E-10
Napthalene			8.8E-09	1.1E-09		9.9E-09
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	5.6E-17	4.7E-17	3.1E-12	3.9E-13	1.3E-18	3.5E-12
Heptachlorobiphenyl	1.8E-16	1.5E-16	1.2E-12	1.5E-13	2.2E-18	1.4E-12
Hexachlorobiphenyl	7.2E-16	6.1E-16	4.8E-12	6.0E-13	8.8E-18	5.4E-12
Monochlorobiphenyl	3.9E-16	3.3E-16	2.2E-11	2.8E-12	8.8E-18	2.5E-11
Nonachlorobiphenyl	2.3E-17	1.9E-17	1.4E-13	1.8E-14	2.8E-19	1.6E-13
Octachlorobiphenyl	5.3E-17	4.5E-17	3.5E-13	4.4E-14	6.5E-19	4.0E-13
Pentachlorobiphenyl	2.4E-15	2.0E-15	1.6E-11	2.0E-12	3.0E-17	1.8E-11
Tetrachlorobiphenyl	1.7E-17	1.4E-17	9.0E-13	1.1E-13	3.8E-19	1.0E-12

Table H-707 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Trichlorobiphenyl	2.2E-17	1.8E-17	1.2E-12	1.5E-13	4.9E-19	1.3E-12
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-dichlorobenzene						
1,4-dichlorobenzene			3.2E-11	4.0E-12		3.6E-11
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	1.1E-13	1.3E-13	7.2E-10	9.0E-11	1.1E-18	8.1E-10
Butyl benzyl phthalate	8.9E-18	1.0E-17				1.9E-17
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			3.7E-10	4.6E-11		4.2E-10

Table H-707 (Cancer Risk)

ACI Lifetime (yrs)	30
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Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			1.3E-12	1.6E-13		1.4E-12
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			1.6E-11	2.0E-12		1.8E-11
1,2-Dichloroethane			1.1E-10	1.4E-11		1.2E-10
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						
2-Chlorotoluene						
2-Hexanone						
Benzene			1.1E-08	1.4E-09		1.2E-08
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			1.3E-12	1.7E-13		1.5E-12
Bromomethane						

Table H-707 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbon disulfide						
Carbon tetrachloride			5.0E-13	6.2E-14		5.6E-13
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			2.1E-11	2.7E-12		2.4E-11
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			7.4E-10	9.3E-11		8.3E-10
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			2.6E-13	3.3E-14		3.0E-13
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						

Table H-707 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
tert-Butylbenzene						
Tetrachloroethene			4.2E-14	5.3E-15		4.8E-14
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			1.1E-14	1.4E-15		1.3E-14
Trichlorofluoromethane						
Vinyl chloride			1.6E-11	2.0E-12		1.8E-11
Grand Total	1.4E-10	5.2E-10	1.2E-07	1.5E-08	2.2E-13	1.4E-07

Table H-708 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			1.4E-03	1.7E-04		1.5E-03
Aldehydes						
Acetaldehyde			5.3E-03	6.6E-04		5.9E-03
Formaldehyde			1.8E-03	2.3E-04		2.1E-03
Propionaldehyde			6.6E-04	8.2E-05	4.9E-11	7.4E-04
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-708 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	1.6E-06	6.2E-06	3.8E-05	4.8E-06	3.7E-09	5.1E-05
2,3,7,8-TCDF						
OCDD						
OCDF						
HCN						
Hydrogen cyanide			7.3E-03	9.1E-04		8.2E-03
Metals						
Antimony						
Arsenic	2.0E-13	4.6E-13	1.3E-03	1.6E-04	7.6E-16	1.4E-03
Barium		3.7E-07	5.3E-03	6.6E-04	7.3E-09	6.0E-03
Beryllium		1.2E-11	6.5E-05	8.1E-06	5.7E-14	7.3E-05
Cadmium		1.9E-11	2.4E-03	3.0E-04	9.3E-14	2.7E-03
Chromium		1.5E-09				1.5E-09
Cobalt		1.9E-05	1.6E-02	2.0E-03	4.7E-08	1.8E-02
Copper		2.5E-07				2.5E-07
Lead						
Manganese						
Mercury (+2)		4.7E-09	2.5E-06	3.1E-07	2.3E-13	2.8E-06
Mercury, elemental			1.0E-08	1.3E-09		1.2E-08
Methyl Mercury		8.9E-10				8.9E-10

Table H-708 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Nickel		4.6E-12	1.2E-03	1.5E-04	5.1E-14	1.3E-03
Phosphorus		7.9E-09				7.9E-09
Selenium		1.9E-13	2.8E-07	3.4E-08	2.3E-18	3.1E-07
Silver		3.6E-09				3.6E-09
Titanium						
Zinc		1.1E-11				1.1E-11
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	1.1E-13	1.0E-13				2.2E-13
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	1.9E-12	1.8E-12				3.7E-12
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						

Table H-708 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Biphenyl		2.3E-13	1.1E-02	1.4E-03	1.7E-10	1.3E-02
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	5.6E-11	5.1E-11				1.1E-10
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene			2.0E-03	2.5E-04		2.3E-03
Perylene						
Phenanthrene						
Pyrene	3.1E-10	2.9E-10				6.0E-10
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	4.5E-10	3.8E-10				8.4E-10
Heptachlorobiphenyl	1.8E-10	1.5E-10	3.8E-08	4.7E-09	1.2E-13	4.3E-08
Hexachlorobiphenyl	7.3E-10	6.2E-10	1.5E-04	1.9E-05	4.8E-10	1.7E-04
Monochlorobiphenyl	3.2E-09	2.7E-09				5.8E-09
Nonachlorobiphenyl	2.3E-11	1.9E-11				4.2E-11
Octachlorobiphenyl	5.4E-11	4.5E-11				9.9E-11
Pentachlorobiphenyl	2.4E-09	2.1E-09	1.6E-03	2.0E-04	5.3E-09	1.8E-03
Tetrachlorobiphenyl	1.4E-10	1.2E-10	8.1E-06	1.0E-06	5.8E-12	9.1E-06

Table H-708 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Trichlorobiphenyl	1.8E-10	1.5E-10				3.3E-10
SVOCs						
1,2,4-trichlorobenzene			3.8E-06	4.7E-07		4.2E-06
1,2-dichlorobenzene			4.8E-09	6.0E-10		5.4E-09
1,3-dichlorobenzene						
1,4-dichlorobenzene			8.5E-08	1.1E-08		9.5E-08
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			3.8E-06	4.8E-07		4.3E-06
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	9.4E-09	1.1E-08				2.0E-08
Butyl benzyl phthalate	5.4E-13	6.4E-13				1.2E-12
Carbazole						
Dibenzofuran	4.6E-12	1.8E-11				2.3E-11
Dimethyl phthalate						
Di-n-butyl phthalate	1.1E-12	1.3E-12				2.4E-12
Di-n-octyl phthalate	7.7E-12	9.0E-12				1.7E-11
Hexachlorobutadiene						

Table H-708 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Phenol			6.0E-05	7.6E-06		6.8E-05
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			9.3E-10	1.2E-10		1.0E-09
1,1-Dichloroethene			1.2E-09	1.4E-10		1.3E-09
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.2E-06	4.0E-07		3.6E-06
1,2,4-Trimethylbenzene			2.4E-05	3.0E-06		2.7E-05
1,2-Dibromoethane			6.8E-08	8.5E-09		7.7E-08
1,2-Dichloroethane			1.4E-05	1.7E-06		1.6E-05
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone			2.5E-07	3.1E-08		2.8E-07
2-Chlorotoluene						
2-Hexanone			7.5E-06	9.4E-07		8.5E-06
Benzene			1.1E-03	1.3E-04		1.2E-03
Bromobenzene			5.5E-06	6.9E-07		6.2E-06
Bromochloromethane			2.0E-08	2.4E-09		2.2E-08
Bromodichloromethane						
Bromomethane			1.9E-05	2.4E-06		2.2E-05

Table H-708 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbon disulfide			1.1E-07	1.4E-08		1.3E-07
Carbon tetrachloride			1.9E-08	2.4E-09		2.2E-08
Chlorobenzene			3.1E-06	3.9E-07		3.5E-06
Chlorodibromomethane						
Chloroethane			2.9E-08	3.6E-09		3.2E-08
Chloroform			2.2E-07	2.8E-08		2.5E-07
Chloromethane			8.7E-06	1.1E-06		9.8E-06
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			4.5E-07	5.6E-08		5.1E-07
Dichlorodifluoromethane			2.2E-08	2.8E-09		2.5E-08
Ethylbenzene			6.9E-06	8.6E-07		7.8E-06
Isopropylbenzene			1.2E-06	1.5E-07		1.4E-06
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.1E-09	1.3E-10		1.2E-09
Methylene chloride			1.0E-06	1.3E-07		1.2E-06
n-Butylbenzene						
n-Propylbenzene			2.7E-07	3.4E-08		3.0E-07
o-Xylene			6.7E-06	8.4E-07		7.6E-06
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			1.7E-05	2.1E-06		1.9E-05

Table H-708 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
tert-Butylbenzene						
Tetrachloroethene			9.5E-08	1.2E-08		1.1E-07
Toluene			2.4E-06	2.9E-07		2.7E-06
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			3.2E-08	4.0E-09		3.6E-08
Trichlorofluoromethane						
Vinyl chloride			8.6E-07	1.1E-07		9.7E-07
Grand Total	1.6E-06	2.6E-05	5.9E-02	7.4E-03	6.4E-08	6.6E-02

Table H-709 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas							
Hydrogen Chloride							
Aldehydes							
Acetaldehyde				6.7E-09	2.2E-09		8.9E-09
Formaldehyde				1.5E-08	5.1E-09		2.1E-08
Propionaldehyde							
CO							
Carbon monoxide							
CO2							
Carbon dioxide							
Criteria							
Sulfur Dioxide							
DIOXINS							
1,2,3,4,6,7,8-HpCDD	6.9E-17	1.3E-12	1.0E-11	7.5E-10	2.5E-10	4.4E-16	1.0E-09
1,2,3,4,6,7,8-HpCDF	6.7E-17	1.3E-12	1.0E-11	7.5E-10	2.5E-10	4.4E-16	1.0E-09
1,2,3,4,7,8,9-HpCDF	1.0E-17	1.6E-13	1.2E-12	9.8E-11	3.3E-11	5.3E-17	1.3E-10
1,2,3,4,7,8-HxCDD	7.8E-16	1.5E-12	1.2E-11	9.1E-10	3.0E-10	5.1E-16	1.2E-09
1,2,3,4,7,8-HxCDF	5.3E-15	1.2E-11	9.5E-11	7.4E-09	2.5E-09	4.1E-15	1.0E-08
1,2,3,6,7,8-HxCDD	1.5E-15	3.1E-12	2.4E-11	1.9E-09	6.4E-10	1.1E-15	2.6E-09
1,2,3,6,7,8-HxCDF	2.0E-15	4.0E-12	3.1E-11	2.4E-09	8.1E-10	1.3E-15	3.3E-09
1,2,3,7,8,9-HxCDD	2.2E-15	4.9E-12	3.8E-11	2.9E-09	9.7E-10	1.7E-15	3.9E-09
1,2,3,7,8,9-HxCDF	1.6E-16	2.9E-13	2.3E-12	1.9E-10	6.2E-11	9.7E-17	2.5E-10
1,2,3,7,8-PeCDD	4.1E-14	1.7E-11	1.4E-10	1.2E-08	3.9E-09	5.9E-15	1.6E-08

Table H-709 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
1,2,3,7,8-PeCDF	2.9E-15	1.0E-12	8.1E-12	8.4E-10	2.8E-10	3.5E-16	1.1E-09
2,3,4,6,7,8-HxCDF	2.8E-15	6.0E-12	4.7E-11	3.7E-09	1.2E-09	2.0E-15	5.0E-09
2,3,4,7,8-PeCDF	4.5E-14	2.5E-11	1.9E-10	1.9E-08	6.2E-09	8.3E-15	2.5E-08
2,3,7,8-TCDD	1.4E-14	2.6E-12	2.1E-11	3.9E-09	1.3E-09	6.1E-13	5.2E-09
2,3,7,8-TCDF	4.5E-15	6.6E-13	5.2E-12	1.7E-09	5.8E-10	2.2E-16	2.3E-09
OCDD	9.2E-21	8.6E-15	6.8E-14	4.9E-12	1.6E-12	2.9E-18	6.7E-12
OCDF	3.4E-21	3.2E-15	2.6E-14	1.8E-12	6.1E-13	1.1E-18	2.5E-12
HCN							
Hydrogen cyanide							
Metals							
Antimony							
Arsenic	5.2E-17	3.1E-18	1.5E-17	5.3E-09	1.8E-09	1.0E-20	7.0E-09
Barium							
Beryllium				2.0E-10	6.8E-11	6.0E-19	2.7E-10
Cadmium				2.8E-09	9.3E-10	3.6E-19	3.7E-09
Chromium							
Cobalt				9.4E-08	3.1E-08	5.0E-13	1.3E-07
Copper							
Lead							
Manganese							
Mercury (+2)							
Mercury, elemental							
Methyl Mercury							

Table H-709 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Nickel				1.8E-09	6.1E-10	2.5E-19	2.4E-09
Phosphorus							
Selenium							
Silver							
Titanium							
Zinc							
NOx							
NOx (Oxides of Nitrogen)							
PAHs							
1-Methylnaphthalene		6.0E-18	1.1E-17				1.7E-17
1-Methylphenanthrene							
2,3,5-Trimethylnaphthalene							
2,6-Dimethylnaphthalene							
2-Methylnaphthalene							
Acenaphthylene							
Acenaphthene							
Anthracene							
Benzo(a)anthracene	1.9E-13	1.3E-12	2.3E-12	8.3E-10	2.8E-10	1.6E-14	1.1E-09
Benzo(a)pyrene	9.6E-13	5.3E-12	9.7E-12	3.2E-09	1.1E-09	2.1E-16	4.2E-09
Benzo(b)fluoranthene	2.6E-14	2.9E-14	5.2E-14	3.4E-10	1.1E-10	1.2E-18	4.5E-10
Benzo(e)pyrene							
Benzo(g,h,i)perylene							
Benzo(k)fluoranthene	2.1E-17	1.7E-15	3.1E-15	1.3E-12	4.5E-13	6.9E-19	1.8E-12

Table H-709 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Biphenyl			4.8E-17				4.8E-17
Chrysene	3.3E-16	1.5E-14	2.7E-14	1.4E-10	4.5E-11	6.1E-18	1.8E-10
Dibenze(a,h)anthracene	4.9E-14	1.9E-12	3.4E-12	5.4E-10	1.8E-10	8.2E-17	7.2E-10
Fluoranthene							
Fluorene							
Indeno(1,2,3-cd)pyrene	1.2E-14	5.2E-13	9.5E-13	1.6E-10	5.4E-11	2.1E-17	2.2E-10
Napthalene				1.2E-08	4.1E-09		1.6E-08
Perylene							
Phenanthrene							
Pyrene							
Particulate							
Particulate Total Suspended Particulate							
PM<10							
PM<2.5							
PCBs							
Dichlorobiphenyl	1.8E-17	3.4E-17	5.8E-17	4.4E-12	1.5E-12	4.6E-18	5.9E-12
Heptachlorobiphenyl	2.0E-17	1.1E-16	1.9E-16	1.7E-12	5.7E-13	8.1E-18	2.3E-12
Hexachlorobiphenyl	8.0E-17	4.6E-16	7.9E-16	6.9E-12	2.3E-12	3.4E-17	9.2E-12
Monochlorobiphenyl	1.3E-16	2.4E-16	4.1E-16	3.1E-11	1.0E-11	3.2E-17	4.1E-11
Nonachlorobiphenyl	2.5E-18	1.6E-17	2.7E-17	2.1E-13	7.1E-14	1.2E-18	2.8E-13
Octachlorobiphenyl	5.8E-18	3.4E-17	5.7E-17	5.1E-13	1.7E-13	2.5E-18	6.8E-13
Pentachlorobiphenyl	2.6E-16	1.6E-15	2.7E-15	2.3E-11	7.7E-12	1.2E-16	3.1E-11
Tetrachlorobiphenyl	5.4E-18	1.1E-17	1.9E-17	1.3E-12	4.4E-13	1.5E-18	1.8E-12

Table H-709 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Trichlorobiphenyl	7.1E-18	1.4E-17	2.4E-17	1.7E-12	5.8E-13	1.9E-18	2.3E-12
SVOCs							
1,2,4-trichlorobenzene							
1,2-dichlorobenzene							
1,3-dichlorobenzene							
1,4-dichlorobenzene	2.1E-20			4.4E-11	1.5E-11		5.8E-11
2,4-Dimethylphenol							
2-Chlorophenol							
2-Methylphenol							
2-Nitrophenol							
3-Methylphenol & 4-Methylphenol							
4-Nitrophenol							
Acetophenone							
Benzoic acid							
Benzyl alcohol							
bis(2-Ethylhexyl) phthalate	2.9E-16	7.2E-14	1.7E-13	1.0E-09	3.5E-10	4.3E-18	1.4E-09
Butyl benzyl phthalate	1.4E-17	5.4E-18	1.3E-17				3.2E-17
Carbazole							
Dibenzofuran							
Dimethyl phthalate							
Di-n-butyl phthalate							
Di-n-octyl phthalate							
Hexachlorobutadiene	2.3E-17			1.0E-09	3.4E-10		1.4E-09

Table H-709 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Phenol							
Pyridine							
TRS							
Total Reduced Sulfur							
VOCs							
1,1,1,2-Tetrachloroethane	3.0E-21			2.0E-12	6.6E-13		2.6E-12
1,1,1-Trichloroethane							
1,1-Dichloroethene							
1,2,3-Trichlorobenzene							
1,2,3-Trichloropropane	1.4E-18						1.4E-18
1,2,4-Trimethylbenzene							
1,2-Dibromoethane	3.2E-20			4.3E-11	1.4E-11		5.8E-11
1,2-Dichloroethane	4.5E-20			1.6E-10	5.3E-11		2.1E-10
1,3,5-Trimethylbenzene							
1,3-Dichloropropane							
2-Butanone							
2-Chlorotoluene							
2-Hexanone							
Benzene	4.7E-18			1.6E-08	5.2E-09		2.1E-08
Bromobenzene							
Bromochloromethane							
Bromodichloromethane	8.3E-22			3.7E-12	1.2E-12		4.9E-12
Bromomethane							

Table H-709 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Carbon disulfide							
Carbon tetrachloride	4.0E-22			1.4E-12	4.5E-13		1.8E-12
Chlorobenzene							
Chlorodibromomethane	6.6E-20						6.6E-20
Chloroethane							
Chloroform	3.7E-21			5.1E-11	1.7E-11		6.8E-11
Chloromethane							
cis-1,2-Dichloroethene							
cis-1,3-Dichloropropene							
Dibromomethane							
Dichlorodifluoromethane							
Ethylbenzene	7.0E-19			1.1E-09	3.6E-10		1.4E-09
Isopropylbenzene							
m&p-Xylene							
Methyl Isobutyl Ketone (4-methyl-2							
Methylene chloride	2.2E-21			3.9E-13	1.3E-13		5.2E-13
n-Butylbenzene							
n-Propylbenzene							
o-Xylene							
p-Chlorotoluene							
p-Isopropyltoluene							
sec-Butylbenzene							
Styrene							

Table H-709 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
tert-Butylbenzene							
Tetrachloroethene	5.9E-23			6.4E-14	2.1E-14		8.6E-14
Toluene							
trans-1,2-Dichloroethene							
trans-1,3-Dichloropropene							
Trichloroethene	1.3E-23			3.1E-14	1.0E-14		4.1E-14
Trichlorofluoromethane							
Vinyl chloride	1.5E-20			3.1E-11	1.0E-11		4.1E-11
Grand Total	1.4E-12	9.0E-11	6.5E-10	2.2E-07	7.4E-08	1.2E-12	3.0E-07

Table H-710 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas							
Hydrogen Chloride				2.0E-03	6.8E-04		2.7E-03
Aldehydes							
Acetaldehyde				7.9E-03	2.6E-03		1.0E-02
Formaldehyde	2.3E-12			2.8E-03	9.4E-04		3.8E-03
Propionaldehyde				9.8E-04	3.3E-04	2.0E-10	1.3E-03
CO							
Carbon monoxide							
CO2							
Carbon dioxide							
Criteria							
Sulfur Dioxide							
DIOXINS							
1,2,3,4,6,7,8-HpCDD							
1,2,3,4,6,7,8-HpCDF							
1,2,3,4,7,8,9-HpCDF							
1,2,3,4,7,8-HxCDD							
1,2,3,4,7,8-HxCDF							
1,2,3,6,7,8-HxCDD							
1,2,3,6,7,8-HxCDF							
1,2,3,7,8,9-HxCDD							
1,2,3,7,8,9-HxCDF							
1,2,3,7,8-PeCDD							

Table H-710 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
1,2,3,7,8-PeCDF							
2,3,4,6,7,8-HxCDF							
2,3,4,7,8-PeCDF							
2,3,7,8-TCDD	3.8E-09	1.1E-06	9.0E-06	5.9E-05	2.0E-05	1.6E-08	8.9E-05
2,3,7,8-TCDF							
OCDD							
OCDF							
HCN							
Hydrogen cyanide				1.1E-02	3.5E-03		1.4E-02
Metals							
Antimony	3.9E-14						3.9E-14
Arsenic	2.7E-12	1.6E-13	7.6E-13	1.9E-03	6.4E-04	3.7E-15	2.5E-03
Barium	1.4E-11		7.5E-07	9.2E-03	3.1E-03	4.4E-08	1.2E-02
Beryllium	1.7E-14		2.0E-11	9.9E-05	3.3E-05	2.9E-13	1.3E-04
Cadmium	8.3E-12		3.1E-11	3.6E-03	1.2E-03	4.6E-13	4.8E-03
Chromium	1.9E-15		2.5E-09				2.5E-09
Cobalt			4.7E-05	4.1E-02	1.4E-02	3.5E-07	5.4E-02
Copper			4.3E-07				4.3E-07
Lead							
Manganese							
Mercury (+2)			6.6E-09	3.8E-06	1.3E-06	9.7E-13	5.0E-06
Mercury, elemental				1.6E-08	5.2E-09		2.1E-08
Methyl Mercury	1.3E-10		1.5E-09				1.6E-09

Table H-710 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Nickel	1.7E-13		7.8E-12	1.8E-03	6.0E-04	2.5E-13	2.4E-03
Phosphorus			1.4E-08				1.4E-08
Selenium	5.5E-14		3.1E-13	4.2E-07	1.4E-07	1.1E-17	5.5E-07
Silver	4.2E-14		6.3E-09				6.3E-09
Titanium							
Zinc	1.4E-11		2.2E-11				3.5E-11
NOx							
NOx (Oxides of Nitrogen)							
PAHs							
1-Methylnaphthalene		6.9E-14	1.3E-13				2.0E-13
1-Methylphenanthrene							
2,3,5-Trimethylnaphthalene							
2,6-Dimethylnaphthalene							
2-Methylnaphthalene		1.2E-12	2.1E-12				3.3E-12
Acenaphthylene							
Acenaphthene	5.6E-14						5.6E-14
Anthracene	1.4E-13						1.4E-13
Benzo(a)anthracene							
Benzo(a)pyrene							
Benzo(b)fluoranthene							
Benzo(e)pyrene							
Benzo(g,h,i)perylene							
Benzo(k)fluoranthene							

Table H-710 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Biphenyl			2.8E-13	1.6E-02	5.3E-03	6.1E-10	2.1E-02
Chrysene							
Dibenze(a,h)anthracene							
Fluoranthene	7.0E-12	3.4E-11	6.3E-11				1.0E-10
Fluorene	1.5E-12						1.5E-12
Indeno(1,2,3-cd)pyrene							
Napthalene	1.4E-12			2.8E-03	9.4E-04		3.7E-03
Perylene							
Phenanthrene							
Pyrene	6.7E-12	1.9E-10	3.5E-10				5.5E-10
Particulate							
Particulate Total Suspended Particulate							
PM<10							
PM<2.5							
PCBs							
Dichlorobiphenyl	8.7E-11	2.8E-10	4.7E-10				8.4E-10
Heptachlorobiphenyl	1.2E-11	1.1E-10	1.9E-10	5.4E-08	1.8E-08	4.5E-13	7.2E-08
Hexachlorobiphenyl	4.7E-11	4.7E-10	8.0E-10	2.2E-04	7.2E-05	1.9E-09	2.9E-04
Monochlorobiphenyl	6.1E-10	2.0E-09	3.3E-09				5.9E-09
Nonachlorobiphenyl	1.4E-12	1.6E-11	2.7E-11				4.4E-11
Octachlorobiphenyl	3.4E-12	3.4E-11	5.8E-11				9.6E-11
Pentachlorobiphenyl	1.6E-10	1.6E-09	2.7E-09	2.4E-03	7.8E-04	2.1E-08	3.1E-03
Tetrachlorobiphenyl	2.6E-11	9.1E-11	1.5E-10	1.2E-05	4.0E-06	2.3E-11	1.6E-05

Table H-710 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Trichlorobiphenyl	3.4E-11	1.2E-10	2.0E-10				3.4E-10
SVOCs							
1,2,4-trichlorobenzene				5.9E-06	2.0E-06		7.9E-06
1,2-dichlorobenzene	3.1E-17			1.3E-08	4.4E-09		1.8E-08
1,3-dichlorobenzene							
1,4-dichlorobenzene	1.3E-15			1.2E-07	3.9E-08		1.5E-07
2,4-Dimethylphenol	1.3E-13						1.3E-13
2-Chlorophenol	2.6E-14						2.6E-14
2-Methylphenol	1.1E-12			5.3E-06	1.8E-06		7.1E-06
2-Nitrophenol							
3-Methylphenol & 4-Methylphenol							
4-Nitrophenol							
Acetophenone	3.9E-14						3.9E-14
Benzoic acid	4.0E-15						4.0E-15
Benzyl alcohol	9.8E-17						9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	6.0E-09	1.4E-08				2.0E-08
Butyl benzyl phthalate	8.8E-13	3.3E-13	7.9E-13				2.0E-12
Carbazole							
Dibenzofuran		2.9E-12	2.3E-11				2.5E-11
Dimethyl phthalate							
Di-n-butyl phthalate	1.7E-11	6.7E-13	1.6E-12				1.9E-11
Di-n-octyl phthalate	1.3E-15	8.7E-12	2.1E-11				2.9E-11
Hexachlorobutadiene	6.7E-12						6.7E-12

Table H-710 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
Phenol	4.9E-13			8.5E-05	2.8E-05		1.1E-04
Pyridine	7.7E-12						7.7E-12
TRS							
Total Reduced Sulfur							
VOCs							
1,1,1,2-Tetrachloroethane	9.0E-17						9.0E-17
1,1,1-Trichloroethane	8.8E-20			1.4E-09	4.5E-10		1.8E-09
1,1-Dichloroethene	1.2E-19			3.2E-09	1.1E-09		4.2E-09
1,2,3-Trichlorobenzene	2.3E-13						2.3E-13
1,2,3-Trichloropropane	2.7E-16			8.8E-06	2.9E-06		1.2E-05
1,2,4-Trimethylbenzene				3.9E-05	1.3E-05		5.1E-05
1,2-Dibromoethane	4.1E-17			1.9E-07	6.2E-08		2.5E-07
1,2-Dichloroethane	1.9E-15			2.0E-05	6.8E-06		2.7E-05
1,3,5-Trimethylbenzene	6.0E-15						6.0E-15
1,3-Dichloropropane							
2-Butanone	4.1E-15			3.6E-07	1.2E-07		4.8E-07
2-Chlorotoluene							
2-Hexanone				1.1E-05	3.7E-06		1.5E-05
Benzene	4.9E-13			1.5E-03	5.2E-04		2.1E-03
Bromobenzene				1.5E-05	5.0E-06		2.0E-05
Bromochloromethane				5.4E-08	1.8E-08		7.1E-08
Bromodichloromethane	1.6E-17						1.6E-17
Bromomethane	9.6E-16			3.1E-05	1.0E-05		4.2E-05

Table H-710 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
Carbon disulfide	1.3E-17			1.9E-07	6.4E-08		2.5E-07
Carbon tetrachloride	3.4E-17			5.3E-08	1.8E-08		7.1E-08
Chlorobenzene	2.3E-15			4.7E-06	1.6E-06		6.2E-06
Chlorodibromomethane	9.1E-16						9.1E-16
Chloroethane				4.3E-08	1.4E-08		5.8E-08
Chloroform	2.8E-16			5.3E-07	1.8E-07		7.1E-07
Chloromethane				1.4E-05	4.7E-06		1.9E-05
cis-1,2-Dichloroethene	1.9E-15						1.9E-15
cis-1,3-Dichloropropene							
Dibromomethane				1.2E-06	4.1E-07		1.7E-06
Dichlorodifluoromethane	2.4E-20			6.0E-08	2.0E-08		8.1E-08
Ethylbenzene	1.5E-14			1.0E-05	3.4E-06		1.3E-05
Isopropylbenzene	2.0E-17			1.8E-06	6.1E-07		2.5E-06
m&p-Xylene							
Methyl Isobutyl Ketone (4-methyl-2				2.9E-09	9.6E-10		3.9E-09
Methylene chloride	4.3E-15			1.5E-06	5.0E-07		2.0E-06
n-Butylbenzene							
n-Propylbenzene				4.2E-07	1.4E-07		5.6E-07
o-Xylene	1.4E-15			1.0E-05	3.5E-06		1.4E-05
p-Chlorotoluene							
p-Isopropyltoluene							
sec-Butylbenzene							
Styrene	4.7E-14			2.5E-05	8.5E-06		3.4E-05

Table H-710 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
tert-Butylbenzene							
Tetrachloroethene	1.1E-16			1.4E-07	4.8E-08		1.9E-07
Toluene	2.0E-14			3.4E-06	1.1E-06		4.5E-06
trans-1,2-Dichloroethene	2.9E-15						2.9E-15
trans-1,3-Dichloropropene							
Trichloroethene	1.4E-17			8.8E-08	2.9E-08		1.2E-07
Trichlorofluoromethane	3.5E-20						3.5E-20
Vinyl chloride	1.6E-16			1.6E-06	5.5E-07		2.2E-06
Grand Total	5.0E-09	1.1E-06	5.8E-05	1.0E-01	3.5E-02	4.3E-07	1.4E-01

Table H-711 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas							
Hydrogen Chloride							
Aldehydes							
Acetaldehyde				6.7E-09	2.2E-09		8.9E-09
Formaldehyde				1.5E-08	5.1E-09		2.1E-08
Propionaldehyde							
CO							
Carbon monoxide							
CO2							
Carbon dioxide							
Criteria							
Sulfur Dioxide							
DIOXINS							
1,2,3,4,6,7,8-HpCDD	9.1E-17	7.8E-12	1.1E-10	7.5E-10	2.5E-10	4.4E-16	1.1E-09
1,2,3,4,6,7,8-HpCDF	8.8E-17	7.8E-12	1.1E-10	7.5E-10	2.5E-10	4.4E-16	1.1E-09
1,2,3,4,7,8,9-HpCDF	1.3E-17	9.4E-13	1.3E-11	9.8E-11	3.3E-11	5.3E-17	1.5E-10
1,2,3,4,7,8-HxCDD	1.0E-15	9.1E-12	1.3E-10	9.1E-10	3.0E-10	5.1E-16	1.4E-09
1,2,3,4,7,8-HxCDF	7.1E-15	7.2E-11	1.0E-09	7.4E-09	2.5E-09	4.1E-15	1.1E-08
1,2,3,6,7,8-HxCDD	2.0E-15	1.9E-11	2.6E-10	1.9E-09	6.4E-10	1.1E-15	2.9E-09
1,2,3,6,7,8-HxCDF	2.6E-15	2.4E-11	3.3E-10	2.4E-09	8.1E-10	1.3E-15	3.6E-09
1,2,3,7,8,9-HxCDD	2.9E-15	2.9E-11	4.1E-10	2.9E-09	9.7E-10	1.7E-15	4.3E-09
1,2,3,7,8,9-HxCDF	2.1E-16	1.7E-12	2.4E-11	1.9E-10	6.2E-11	9.7E-17	2.7E-10
1,2,3,7,8-PeCDD	5.4E-14	1.0E-10	1.5E-09	1.2E-08	3.9E-09	5.9E-15	1.7E-08

Table H-711 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
1,2,3,7,8-PeCDF	3.8E-15	6.2E-12	8.6E-11	8.4E-10	2.8E-10	3.5E-16	1.2E-09
2,3,4,6,7,8-HxCDF	3.7E-15	3.6E-11	5.1E-10	3.7E-09	1.2E-09	2.0E-15	5.5E-09
2,3,4,7,8-PeCDF	6.0E-14	1.5E-10	2.1E-09	1.9E-08	6.2E-09	8.3E-15	2.7E-08
2,3,7,8-TCDD	1.8E-14	1.6E-11	2.2E-10	3.9E-09	1.3E-09	6.1E-13	5.4E-09
2,3,7,8-TCDF	5.9E-15	3.9E-12	5.5E-11	1.7E-09	5.8E-10	2.2E-16	2.4E-09
OCDD	1.2E-20	5.2E-14	7.3E-13	4.9E-12	1.6E-12	2.9E-18	7.4E-12
OCDF	4.5E-21	1.9E-14	2.7E-13	1.8E-12	6.1E-13	1.1E-18	2.7E-12
HCN							
Hydrogen cyanide							
Metals							
Antimony							
Arsenic	6.9E-17	1.9E-17	9.4E-17	5.3E-09	1.8E-09	1.0E-20	7.0E-09
Barium							
Beryllium				2.0E-10	6.8E-11	6.0E-19	2.7E-10
Cadmium				2.8E-09	9.3E-10	3.6E-19	3.7E-09
Chromium							
Cobalt				9.4E-08	3.1E-08	5.0E-13	1.3E-07
Copper							
Lead							
Manganese							
Mercury (+2)							
Mercury, elemental							
Methyl Mercury							

Table H-711 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Nickel				1.8E-09	6.1E-10	2.5E-19	2.4E-09
Phosphorus							
Selenium							
Silver							
Titanium							
Zinc							
NOx							
NOx (Oxides of Nitrogen)							
PAHs							
1-Methylnaphthalene		3.6E-17	1.2E-16				1.5E-16
1-Methylphenanthrene							
2,3,5-Trimethylnaphthalene							
2,6-Dimethylnaphthalene							
2-Methylnaphthalene							
Acenaphthylene							
Acenaphthene							
Anthracene							
Benzo(a)anthracene	2.0E-12	5.8E-11	1.9E-10	6.4E-09	2.1E-09	1.2E-13	8.8E-09
Benzo(a)pyrene	9.7E-12	2.4E-10	7.9E-10	2.4E-08	8.1E-09	1.6E-15	3.3E-08
Benzo(b)fluoranthene	2.6E-13	1.3E-12	4.3E-12	2.6E-09	8.7E-10	8.9E-18	3.5E-09
Benzo(e)pyrene							
Benzo(g,h,i)perylene							
Benzo(k)fluoranthene	2.2E-16	7.9E-14	2.6E-13	1.0E-11	3.4E-12	5.3E-18	1.4E-11

Table H-711 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Biphenyl			5.1E-16				5.1E-16
Chrysene	3.4E-15	6.9E-13	2.2E-12	1.0E-09	3.5E-10	4.7E-17	1.4E-09
Dibenze(a,h)anthracene	4.9E-13	8.6E-11	2.8E-10	4.1E-09	1.4E-09	6.3E-16	5.8E-09
Fluoranthene							
Fluorene							
Indeno(1,2,3-cd)pyrene	1.2E-13	2.4E-11	7.7E-11	1.3E-09	4.2E-10	1.6E-16	1.8E-09
Napthalene				1.2E-08	4.1E-09		1.6E-08
Perylene							
Phenanthrene							
Pyrene							
Particulate							
Particulate Total Suspended Particulate							
PM<10							
PM<2.5							
PCBs							
Dichlorobiphenyl	2.4E-17	2.1E-16	6.2E-16	4.4E-12	1.5E-12	4.6E-18	5.9E-12
Heptachlorobiphenyl	2.6E-17	6.6E-16	2.0E-15	1.7E-12	5.7E-13	8.1E-18	2.3E-12
Hexachlorobiphenyl	1.1E-16	2.8E-15	8.4E-15	6.9E-12	2.3E-12	3.4E-17	9.2E-12
Monochlorobiphenyl	1.7E-16	1.4E-15	4.3E-15	3.1E-11	1.0E-11	3.2E-17	4.1E-11
Nonachlorobiphenyl	3.2E-18	9.4E-17	2.8E-16	2.1E-13	7.1E-14	1.2E-18	2.8E-13
Octachlorobiphenyl	7.7E-18	2.0E-16	6.1E-16	5.1E-13	1.7E-13	2.5E-18	6.8E-13
Pentachlorobiphenyl	3.5E-16	9.5E-15	2.9E-14	2.3E-11	7.7E-12	1.2E-16	3.1E-11
Tetrachlorobiphenyl	7.2E-18	6.7E-17	2.0E-16	1.3E-12	4.4E-13	1.5E-18	1.8E-12

Table H-711 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Trichlorobiphenyl	9.4E-18	8.5E-17	2.6E-16	1.7E-12	5.8E-13	1.9E-18	2.3E-12
SVOCs							
1,2,4-trichlorobenzene							
1,2-dichlorobenzene							
1,3-dichlorobenzene							
1,4-dichlorobenzene	2.8E-20			4.4E-11	1.5E-11		5.8E-11
2,4-Dimethylphenol							
2-Chlorophenol							
2-Methylphenol							
2-Nitrophenol							
3-Methylphenol & 4-Methylphenol							
4-Nitrophenol							
Acetophenone							
Benzoic acid							
Benzyl alcohol							
bis(2-Ethylhexyl) phthalate	3.9E-16	4.3E-13	1.8E-12	1.0E-09	3.5E-10	4.3E-18	1.4E-09
Butyl benzyl phthalate	1.9E-17	3.2E-17	1.4E-16				1.9E-16
Carbazole							
Dibenzofuran							
Dimethyl phthalate							
Di-n-butyl phthalate							
Di-n-octyl phthalate							
Hexachlorobutadiene	3.0E-17			1.0E-09	3.4E-10		1.4E-09

Table H-711 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Phenol							
Pyridine							
TRS							
Total Reduced Sulfur							
VOCs							
1,1,1,2-Tetrachloroethane	4.0E-21			2.0E-12	6.6E-13		2.6E-12
1,1,1-Trichloroethane							
1,1-Dichloroethene							
1,2,3-Trichlorobenzene							
1,2,3-Trichloropropane	1.4E-17						1.4E-17
1,2,4-Trimethylbenzene							
1,2-Dibromoethane	4.2E-20			4.3E-11	1.4E-11		5.8E-11
1,2-Dichloroethane	6.0E-20			1.6E-10	5.3E-11		2.1E-10
1,3,5-Trimethylbenzene							
1,3-Dichloropropane							
2-Butanone							
2-Chlorotoluene							
2-Hexanone							
Benzene	6.1E-18			1.6E-08	5.2E-09		2.1E-08
Bromobenzene							
Bromochloromethane							
Bromodichloromethane	1.1E-21			3.7E-12	1.2E-12		4.9E-12
Bromomethane							

Table H-711 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
Carbon disulfide							
Carbon tetrachloride	5.3E-22			1.4E-12	4.5E-13		1.8E-12
Chlorobenzene							
Chlorodibromomethane	8.7E-20						8.7E-20
Chloroethane							
Chloroform	4.9E-21			5.1E-11	1.7E-11		6.8E-11
Chloromethane							
cis-1,2-Dichloroethene							
cis-1,3-Dichloropropene							
Dibromomethane							
Dichlorodifluoromethane							
Ethylbenzene	9.3E-19			1.1E-09	3.6E-10		1.4E-09
Isopropylbenzene							
m&p-Xylene							
Methyl Isobutyl Ketone (4-methyl-2							
Methylene chloride	2.3E-20			3.0E-12	9.9E-13		4.0E-12
n-Butylbenzene							
n-Propylbenzene							
o-Xylene							
p-Chlorotoluene							
p-Isopropyltoluene							
sec-Butylbenzene							
Styrene							

Table H-711 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
tert-Butylbenzene							
Tetrachloroethene	7.9E-23			6.4E-14	2.1E-14		8.6E-14
Toluene							
trans-1,2-Dichloroethene							
trans-1,3-Dichloropropene							
Trichloroethene	1.4E-22			2.4E-13	7.9E-14		3.2E-13
Trichlorofluoromethane							
Vinyl chloride	1.5E-19			2.4E-10	7.9E-11		3.2E-10
Grand Total	1.3E-11	9.0E-10	8.1E-09	2.6E-07	8.5E-08	1.3E-12	3.5E-07

Table H-712 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas							
Hydrogen Chloride				2.0E-03	6.8E-04		2.7E-03
Aldehydes							
Acetaldehyde				7.9E-03	2.6E-03		1.0E-02
Formaldehyde	3.0E-12			2.8E-03	9.4E-04		3.8E-03
Propionaldehyde				9.8E-04	3.3E-04	2.0E-10	1.3E-03
CO							
Carbon monoxide							
CO2							
Carbon dioxide							
Criteria							
Sulfur Dioxide							
DIOXINS							
1,2,3,4,6,7,8-HpCDD							
1,2,3,4,6,7,8-HpCDF							
1,2,3,4,7,8,9-HpCDF							
1,2,3,4,7,8-HxCDD							
1,2,3,4,7,8-HxCDF							
1,2,3,6,7,8-HxCDD							
1,2,3,6,7,8-HxCDF							
1,2,3,7,8,9-HxCDD							
1,2,3,7,8,9-HxCDF							
1,2,3,7,8-PeCDD							

Table H-712 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
1,2,3,7,8-PeCDF							
2,3,4,6,7,8-HxCDF							
2,3,4,7,8-PeCDF							
2,3,7,8-TCDD	5.0E-09	6.8E-06	9.6E-05	5.9E-05	2.0E-05	1.6E-08	1.8E-04
2,3,7,8-TCDF							
OCDD							
OCDF							
HCN							
Hydrogen cyanide				1.1E-02	3.5E-03		1.4E-02
Metals							
Antimony	5.2E-14						5.2E-14
Arsenic	3.6E-12	9.6E-13	8.1E-12	1.9E-03	6.4E-04	3.7E-15	2.5E-03
Barium	1.8E-11		8.0E-06	9.2E-03	3.1E-03	4.4E-08	1.2E-02
Beryllium	2.2E-14		2.1E-10	9.9E-05	3.3E-05	2.9E-13	1.3E-04
Cadmium	1.1E-11		3.3E-10	3.6E-03	1.2E-03	4.6E-13	4.8E-03
Chromium	2.5E-15		2.7E-08				2.7E-08
Cobalt			5.1E-04	4.1E-02	1.4E-02	3.5E-07	5.5E-02
Copper			4.6E-06				4.6E-06
Lead							
Manganese							
Mercury (+2)			7.1E-08	3.8E-06	1.3E-06	9.7E-13	5.1E-06
Mercury, elemental				1.6E-08	5.2E-09		2.1E-08
Methyl Mercury	1.7E-10		1.6E-08				1.6E-08

Table H-712 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
Nickel	2.2E-13		8.3E-11	1.8E-03	6.0E-04	2.5E-13	2.4E-03
Phosphorus			1.5E-07				1.5E-07
Selenium	7.3E-14		3.3E-12	4.2E-07	1.4E-07	1.1E-17	5.5E-07
Silver	5.6E-14		6.8E-08				6.8E-08
Titanium							
Zinc	1.8E-11		2.3E-10				2.5E-10
NOx							
NOx (Oxides of Nitrogen)							
PAHs							
1-Methylnaphthalene		4.2E-13	1.3E-12				1.8E-12
1-Methylphenanthrene							
2,3,5-Trimethylnaphthalene							
2,6-Dimethylnaphthalene							
2-Methylnaphthalene		7.1E-12	2.3E-11				3.0E-11
Acenaphthylene							
Acenaphthene	7.5E-14						7.5E-14
Anthracene	1.9E-13						1.9E-13
Benzo(a)anthracene							
Benzo(a)pyrene							
Benzo(b)fluoranthene							
Benzo(e)pyrene							
Benzo(g,h,i)perylene							
Benzo(k)fluoranthene							

Table H-712 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption		Dermal		Inhalation of		Inhalation of Particulate/ Vapors Outdoors	Grand Total
	of Locally Caught Fish	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air			
Biphenyl			3.0E-12	1.6E-02	5.3E-03	6.1E-10	2.1E-02	
Chrysene								
Dibenze(a,h)anthracene								
Fluoranthene	9.2E-12	2.1E-10	6.7E-10				8.8E-10	
Fluorene	2.0E-12						2.0E-12	
Indeno(1,2,3-cd)pyrene								
Napthalene	1.8E-12			2.8E-03	9.4E-04		3.7E-03	
Perylene								
Phenanthrene								
Pyrene	8.9E-12	1.1E-09	3.7E-09				4.9E-09	
Particulate								
Particulate Total Suspended Particulate								
PM<10								
PM<2.5								
PCBs								
Dichlorobiphenyl	1.1E-10	1.7E-09	5.0E-09				6.8E-09	
Heptachlorobiphenyl	1.5E-11	6.7E-10	2.0E-09	5.4E-08	1.8E-08	4.5E-13	7.4E-08	
Hexachlorobiphenyl	6.2E-11	2.8E-09	8.5E-09	2.2E-04	7.2E-05	1.9E-09	2.9E-04	
Monochlorobiphenyl	8.0E-10	1.2E-08	3.5E-08				4.8E-08	
Nonachlorobiphenyl	1.9E-12	9.5E-11	2.9E-10				3.8E-10	
Octachlorobiphenyl	4.5E-12	2.1E-10	6.2E-10				8.3E-10	
Pentachlorobiphenyl	2.1E-10	9.7E-09	2.9E-08	2.4E-03	7.8E-04	2.1E-08	3.1E-03	
Tetrachlorobiphenyl	3.4E-11	5.5E-10	1.6E-09	1.2E-05	4.0E-06	2.3E-11	1.6E-05	

Table H-712 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Trichlorobiphenyl	4.5E-11	6.9E-10	2.1E-09				2.8E-09
SVOCs							
1,2,4-trichlorobenzene				5.9E-06	2.0E-06		7.9E-06
1,2-dichlorobenzene	4.0E-17			1.3E-08	4.4E-09		1.8E-08
1,3-dichlorobenzene							
1,4-dichlorobenzene	1.7E-15			1.2E-07	3.9E-08		1.5E-07
2,4-Dimethylphenol	1.7E-13						1.7E-13
2-Chlorophenol	3.4E-14						3.4E-14
2-Methylphenol	1.4E-12			5.3E-06	1.8E-06		7.1E-06
2-Nitrophenol							
3-Methylphenol & 4-Methylphenol							
4-Nitrophenol							
Acetophenone	5.2E-14						5.2E-14
Benzoic acid	5.2E-15						5.2E-15
Benzyl alcohol	1.3E-16						1.3E-16
bis(2-Ethylhexyl) phthalate	3.2E-11	3.6E-08	1.5E-07				1.9E-07
Butyl benzyl phthalate	1.2E-12	2.0E-12	8.4E-12				1.2E-11
Carbazole							
Dibenzofuran		1.7E-11	2.4E-10				2.6E-10
Dimethyl phthalate							
Di-n-butyl phthalate	2.2E-11	4.0E-12	1.7E-11				4.3E-11
Di-n-octyl phthalate	1.7E-15	5.2E-11	2.2E-10				2.7E-10
Hexachlorobutadiene	8.9E-12						8.9E-12

Table H-712 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
Phenol	6.5E-13			8.5E-05	2.8E-05		1.1E-04
Pyridine	1.0E-11						1.0E-11
TRS							
Total Reduced Sulfur							
VOCs							
1,1,1,2-Tetrachloroethane	1.2E-16						1.2E-16
1,1,1-Trichloroethane	1.2E-19			1.4E-09	4.5E-10		1.8E-09
1,1-Dichloroethene	1.6E-19			3.2E-09	1.1E-09		4.2E-09
1,2,3-Trichlorobenzene	3.1E-13						3.1E-13
1,2,3-Trichloropropane	3.6E-16			8.8E-06	2.9E-06		1.2E-05
1,2,4-Trimethylbenzene				3.9E-05	1.3E-05		5.1E-05
1,2-Dibromoethane	5.5E-17			1.9E-07	6.2E-08		2.5E-07
1,2-Dichloroethane	2.6E-15			2.0E-05	6.8E-06		2.7E-05
1,3,5-Trimethylbenzene	8.0E-15						8.0E-15
1,3-Dichloropropane							
2-Butanone	5.4E-15			3.6E-07	1.2E-07		4.8E-07
2-Chlorotoluene							
2-Hexanone				1.1E-05	3.7E-06		1.5E-05
Benzene	6.5E-13			1.5E-03	5.2E-04		2.1E-03
Bromobenzene				1.5E-05	5.0E-06		2.0E-05
Bromochloromethane				5.4E-08	1.8E-08		7.1E-08
Bromodichloromethane	2.1E-17						2.1E-17
Bromomethane	1.3E-15			3.1E-05	1.0E-05		4.2E-05

Table H-712 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
Carbon disulfide	1.7E-17			1.9E-07	6.4E-08		2.5E-07
Carbon tetrachloride	4.5E-17			5.3E-08	1.8E-08		7.1E-08
Chlorobenzene	3.1E-15			4.7E-06	1.6E-06		6.2E-06
Chlorodibromomethane	1.2E-15						1.2E-15
Chloroethane				4.3E-08	1.4E-08		5.8E-08
Chloroform	3.7E-16			5.3E-07	1.8E-07		7.1E-07
Chloromethane				1.4E-05	4.7E-06		1.9E-05
cis-1,2-Dichloroethene	2.5E-15						2.5E-15
cis-1,3-Dichloropropene							
Dibromomethane				1.2E-06	4.1E-07		1.7E-06
Dichlorodifluoromethane	3.1E-20			6.0E-08	2.0E-08		8.1E-08
Ethylbenzene	2.0E-14			1.0E-05	3.4E-06		1.3E-05
Isopropylbenzene	2.6E-17			1.8E-06	6.1E-07		2.5E-06
m&p-Xylene							
Methyl Isobutyl Ketone (4-methyl-2				2.9E-09	9.6E-10		3.9E-09
Methylene chloride	5.7E-15			1.5E-06	5.0E-07		2.0E-06
n-Butylbenzene							
n-Propylbenzene				4.2E-07	1.4E-07		5.6E-07
o-Xylene	1.8E-15			1.0E-05	3.5E-06		1.4E-05
p-Chlorotoluene							
p-Isopropyltoluene							
sec-Butylbenzene							
Styrene	6.2E-14			2.5E-05	8.5E-06		3.4E-05

Table H-712 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
tert-Butylbenzene							
Tetrachloroethene	1.5E-16			1.4E-07	4.8E-08		1.9E-07
Toluene	2.6E-14			3.4E-06	1.1E-06		4.5E-06
trans-1,2-Dichloroethene	3.9E-15						3.9E-15
trans-1,3-Dichloropropene							
Trichloroethene	1.8E-17			8.8E-08	2.9E-08		1.2E-07
Trichlorofluoromethane	4.6E-20						4.6E-20
Vinyl chloride	2.1E-16			1.6E-06	5.5E-07		2.2E-06
Grand Total	6.6E-09	6.9E-06	6.1E-04	1.0E-01	3.5E-02	4.3E-07	1.4E-01

Table H-713 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			2.7E-10	3.4E-11		3.1E-10
Formaldehyde			6.4E-06	8.6E-11		6.4E-06
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	1.4E-13	5.5E-13	2.8E-11	3.5E-12	7.8E-18	3.2E-11
1,2,3,4,6,7,8-HpCDF	1.4E-13	5.5E-13	2.8E-11	3.5E-12	7.9E-18	3.2E-11
1,2,3,4,7,8,9-HpCDF	1.6E-14	6.3E-14	3.5E-12	4.4E-13	9.1E-19	4.1E-12
1,2,3,4,7,8-HxCDD	1.6E-13	6.2E-13	3.3E-11	4.1E-12	8.9E-18	3.8E-11
1,2,3,4,7,8-HxCDF	1.2E-12	4.9E-12	2.7E-10	3.4E-11	7.0E-17	3.1E-10
1,2,3,6,7,8-HxCDD	3.2E-13	1.3E-12	7.0E-11	8.7E-12	1.8E-17	8.0E-11
1,2,3,6,7,8-HxCDF	4.1E-13	1.6E-12	8.7E-11	1.1E-11	2.3E-17	1.0E-10
1,2,3,7,8,9-HxCDD	5.1E-13	2.0E-12	1.1E-10	1.3E-11	2.9E-17	1.2E-10
1,2,3,7,8,9-HxCDF	2.9E-14	1.2E-13	6.7E-12	8.4E-13	1.6E-18	7.7E-12
1,2,3,7,8-PeCDD	1.8E-12	7.0E-12	4.2E-10	5.3E-11	1.0E-16	4.8E-10

Table H-713 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	1.0E-13	4.1E-13	3.0E-11	3.7E-12	5.9E-18	3.4E-11
2,3,4,6,7,8-HxCDF	6.4E-13	2.5E-12	1.4E-10	1.7E-11	3.6E-17	1.6E-10
2,3,4,7,8-PeCDF	2.5E-12	9.8E-12	6.7E-10	8.4E-11	1.4E-16	7.7E-10
2,3,7,8-TCDD	3.6E-13	1.4E-12	1.7E-10	2.1E-11	1.4E-14	1.9E-10
2,3,7,8-TCDF	6.6E-14	2.6E-13	6.2E-11	7.8E-12	3.7E-18	7.0E-11
OCDD	9.4E-16	3.7E-15	1.8E-13	2.3E-14	5.3E-20	2.1E-13
OCDF	3.6E-16	1.4E-15	6.9E-14	8.6E-15	2.0E-20	7.9E-14
DNT						
2,4-Dinitrotoluene	1.1E-08	1.3E-08			1.8E-13	2.3E-08
2,6-Dinitrotoluene	8.2E-08	9.8E-08				1.8E-07
HCN						
Hydrogen cyanide						
Metals						
Aluminum						
Antimony						
Arsenic	7.7E-08	1.8E-07	2.2E-10	2.7E-11	4.3E-11	2.6E-07
Barium						
Beryllium			8.8E-12	1.1E-12	1.1E-20	9.9E-12
Cadmium			1.2E-10	1.5E-11	6.2E-21	1.3E-10
Chromium						
Cobalt			7.6E-09	9.5E-10	7.3E-10	9.3E-09
Copper						
Iron						

Table H-713 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Lead						
Manganese						
Mercury (+2)						
Mercury, elemental						
Methyl Mercury						
Nickel			7.7E-11	9.7E-12	4.4E-10	5.3E-10
Phosphorus						
Selenium						
Silver						
Thallium (Soluble Salts)						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	5.9E-19	5.4E-19				1.1E-18
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						

Table H-713 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(a)anthracene	9.7E-09	8.8E-09	2.8E-11	3.5E-12	2.0E-11	1.9E-08
Benzo(a)pyrene	1.7E-07	1.5E-07	1.1E-10	1.4E-11	1.1E-12	3.2E-07
Benzo(b)fluoranthene	3.5E-08	3.2E-08	1.2E-11	1.5E-12	2.4E-13	6.8E-08
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	2.3E-10	2.1E-10	1.1E-13	1.4E-14	1.5E-14	4.3E-10
Biphenyl		2.3E-18				2.3E-18
Chrysene	1.4E-10	1.3E-10	4.8E-12	6.0E-13	9.5E-15	2.8E-10
Dibenze(a,h)anthracene	6.2E-09	5.6E-09	1.9E-11	2.4E-12	4.5E-14	1.2E-08
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	8.8E-09	8.0E-09	5.8E-12	7.3E-13	5.9E-14	1.7E-08
Napthalene			4.3E-10	5.4E-11		4.9E-10
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	3.5E-18	2.9E-18	1.6E-13	2.0E-14	7.8E-20	1.8E-13
Heptachlorobiphenyl	1.1E-17	9.7E-18	6.2E-14	7.7E-15	1.4E-19	7.0E-14

Table H-713 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Hexachlorobiphenyl	5.2E-17	4.4E-17	2.6E-13	3.3E-14	6.3E-19	2.9E-13
Monochlorobiphenyl	2.4E-17	2.0E-17	1.1E-12	1.4E-13	5.4E-19	1.2E-12
Nonachlorobiphenyl	2.0E-18	1.7E-18	8.8E-15	1.1E-15	2.5E-20	9.9E-15
Octachlorobiphenyl	3.7E-18	3.1E-18	1.9E-14	2.4E-15	4.5E-20	2.1E-14
Pentachlorobiphenyl	1.9E-16	1.6E-16	8.9E-13	1.1E-13	2.3E-18	1.0E-12
Tetrachlorobiphenyl	1.3E-18	1.1E-18	5.2E-14	6.5E-15	3.0E-20	5.8E-14
Trichlorobiphenyl	1.6E-18	1.3E-18	6.5E-14	8.2E-15	3.6E-20	7.4E-14
Pesticides						
DDE		1.5E-09			1.4E-11	1.5E-09
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-Butadiene			8.2E-08			8.2E-08
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.4E-12	1.8E-13		1.6E-12
1,4-Dioxane			3.1E-08			3.1E-08
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						

Table H-713 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	8.1E-15	9.5E-15	3.9E-11	4.9E-12	8.0E-20	4.4E-11
Butyl benzyl phthalate	5.3E-19	6.3E-19				1.2E-18
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			8.4E-11	1.0E-11		9.4E-11
Isopropanol						
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			8.6E-14	1.1E-14		9.6E-14
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			3.6E-12	4.4E-13		4.0E-12

Table H-713 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
1,2-Dichloroethane			7.6E-08	2.2E-09		7.9E-08
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						
2-Chlorotoluene						
2-Hexanone						
Benzene			5.6E-08	6.5E-09		6.3E-08
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			3.0E-13	3.8E-14		3.4E-13
Bromomethane						
Carbon disulfide						
Carbon tetrachloride			7.6E-08	7.9E-09		8.4E-08
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			5.0E-08	4.7E-09		5.4E-08
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			2.1E-08	5.2E-12		2.1E-08

Table H-713 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			1.5E-14	1.9E-15		1.7E-14
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethene			2.7E-15	3.4E-16		3.0E-15
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			1.6E-09	3.2E-16		1.6E-09
Trichlorofluoromethane						
Vinyl chloride			1.9E-12	2.3E-13		2.1E-12
Grand Total	3.9E-07	5.0E-07	6.8E-06	2.3E-08	1.3E-09	7.7E-06

Table H-714 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			4.2E-05	5.2E-06		4.7E-05
Aldehydes						
Acetaldehyde			1.6E-04	2.0E-05		1.8E-04
Formaldehyde			5.8E-01	7.9E-06		5.8E-01
Propionaldehyde			2.0E-05	2.5E-06	2.1E-12	2.2E-05
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-714 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	7.9E-08	3.1E-07	1.3E-06	1.6E-07	1.8E-10	1.8E-06
2,3,7,8-TCDF						
OCDD						
OCDF						
DNT						
2,4-Dinitrotoluene	2.0E-04	2.4E-04				4.4E-04
2,6-Dinitrotoluene	2.1E-03	2.5E-03				4.7E-03
HCN						
Hydrogen cyanide			2.0E-04	2.5E-05		2.2E-04
Metals						
Aluminum		7.9E-03			7.7E-05	7.9E-03
Antimony		7.6E-04				7.6E-04
Arsenic	2.0E-03	4.7E-03	4.0E-05	4.9E-06	7.7E-06	6.8E-03
Barium		2.2E-08	2.5E-04	3.1E-05	4.3E-10	2.8E-04
Beryllium		5.2E-13	2.1E-06	2.7E-07	2.6E-15	2.4E-06
Cadmium		8.2E-13	7.6E-05	9.5E-06	4.0E-15	8.5E-05
Chromium		6.4E-11				6.4E-11
Cobalt		6.5E-02	1.6E-03	2.0E-04	1.6E-04	6.7E-02
Copper		1.1E-08				1.1E-08
Iron		2.4E-02				2.4E-02

Table H-714 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Lead						
Manganese						
Mercury (+2)		2.1E-10	7.8E-08	9.8E-09	1.0E-14	8.8E-08
Mercury, elemental			3.3E-10	4.1E-11	9.6E-05	9.6E-05
Methyl Mercury		3.8E-11				3.8E-11
Nickel		2.0E-02	3.9E-05	4.8E-06	2.2E-04	2.0E-02
Phosphorus		3.7E-10				3.7E-10
Selenium		8.1E-15	8.7E-09	1.1E-09	9.9E-20	9.8E-09
Silver		1.7E-10				1.7E-10
Thallium (Soluble Salts)		1.1E-02				1.1E-02
Titanium						
Zinc		6.1E-13				6.1E-13
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.4E-15	3.1E-15				6.5E-15
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	5.8E-14	5.2E-14				1.1E-13
Acenaphthylene						
Acenaphthene						
Anthracene						

Table H-714 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						
Biphenyl		6.7E-15	2.8E-04	3.5E-05	4.9E-12	3.1E-04
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	1.7E-12	1.5E-12				3.2E-12
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene			5.0E-05	6.2E-06		5.6E-05
Perylene						
Phenanthrene						
Pyrene	9.3E-12	8.5E-12				1.8E-11
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	1.4E-11	1.2E-11				2.6E-11
Heptachlorobiphenyl	5.8E-12	4.9E-12	9.8E-10	1.2E-10	3.8E-15	1.1E-09

Table H-714 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Hexachlorobiphenyl	2.6E-11	2.2E-11	4.1E-06	5.1E-07	1.7E-11	4.6E-06
Monochlorobiphenyl	9.8E-11	8.3E-11				1.8E-10
Nonachlorobiphenyl	1.0E-12	8.6E-13				1.9E-12
Octachlorobiphenyl	1.9E-12	1.6E-12				3.5E-12
Pentachlorobiphenyl	9.4E-11	8.0E-11	4.6E-05	5.7E-06	2.0E-10	5.1E-05
Tetrachlorobiphenyl	5.4E-12	4.5E-12	2.3E-07	2.9E-08	2.3E-13	2.6E-07
Trichlorobiphenyl	6.5E-12	5.5E-12				1.2E-11
Pesticides						
DDE						
SVOCs						
1,2,4-trichlorobenzene			1.3E-07	1.7E-08		1.5E-07
1,2-dichlorobenzene			5.4E-10	6.8E-11		6.1E-10
1,3-Butadiene			1.6E-02			1.6E-02
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.9E-09	2.4E-10		2.1E-09
1,4-Dioxane			2.4E-03			2.4E-03
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			9.3E-08	1.2E-08		1.0E-07
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						

Table H-714 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-10	4.0E-10				7.4E-10
Butyl benzyl phthalate	1.6E-14	1.9E-14				3.6E-14
Carbazole						
Dibenzofuran	1.4E-13	5.7E-13				7.1E-13
Dimethyl phthalate						
Di-n-butyl phthalate	3.3E-14	3.9E-14				7.1E-14
Di-n-octyl phthalate	9.4E-13	1.1E-12				2.1E-12
Hexachlorobutadiene						
Isopropanol			4.1E-03			4.1E-03
Phenol			1.5E-06	1.9E-07		1.7E-06
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			2.7E-11	3.3E-12		3.0E-11
1,1-Dichloroethene			1.3E-10	1.6E-11		1.5E-10
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.6E-07	4.5E-08		4.1E-07
1,2,4-Trimethylbenzene			8.9E-07	1.1E-07		1.0E-06
1,2-Dibromoethane			7.7E-09	9.6E-10		8.6E-09

Table H-714 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
1,2-Dichloroethane			4.9E-03	1.4E-04		5.0E-03
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone			6.6E-09	8.3E-10		7.4E-09
2-Chlorotoluene						
2-Hexanone			2.3E-07	2.8E-08		2.5E-07
Benzene			2.8E-03	3.2E-04		3.1E-03
Bromobenzene			6.2E-07	7.8E-08		7.0E-07
Bromochloromethane			2.2E-09	2.8E-10		2.5E-09
Bromodichloromethane						
Bromomethane			7.6E-07	9.5E-08		8.6E-07
Carbon disulfide			4.8E-09	6.0E-10		5.4E-09
Carbon tetrachloride			1.5E-03	1.5E-04		1.6E-03
Chlorobenzene			9.6E-08	1.2E-08		1.1E-07
Chlorodibromomethane						
Chloroethane			9.1E-10	1.1E-10		1.0E-09
Chloroform			2.6E-04	2.4E-05		2.8E-04
Chloromethane			3.4E-07	4.3E-08		3.9E-07
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			5.1E-08	6.4E-09		5.7E-08
Dichlorodifluoromethane			2.5E-09	3.1E-10		2.8E-09
Ethylbenzene			9.6E-05	2.4E-08		9.6E-05

Table H-714 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Isopropylbenzene			3.9E-08	4.9E-09		4.4E-08
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.2E-10	1.5E-11		1.3E-10
Methylene chloride			3.0E-08	3.8E-09		3.4E-08
n-Butylbenzene						
n-Propylbenzene			9.4E-09	1.2E-09		1.1E-08
o-Xylene			2.3E-07	2.9E-08		2.6E-07
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			5.1E-07	6.4E-08		5.7E-07
tert-Butylbenzene						
Tetrachloroethene			3.0E-09	3.8E-10		3.4E-09
Toluene			6.3E-08	7.9E-09		7.1E-08
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			2.3E-03	4.5E-10		2.3E-03
Trichlorofluoromethane						
Vinyl chloride			5.0E-08	6.2E-09		5.6E-08
Grand Total	4.3E-03	1.4E-01	6.2E-01	1.0E-03	5.6E-04	7.6E-01

Table H-715 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						2.7E-10	6.3E-10	3.4E-11	3.4E-11			9.7E-10
Formaldehyde						6.4E-06	1.6E-09	8.6E-11	8.6E-11			6.4E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.4E-16	1.4E-13	1.9E-13	5.5E-13	1.5E-12	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.8E-18	4.8E-17	1.0E-10
1,2,3,4,6,7,8-HpCDF	1.3E-16	1.4E-13	2.0E-13	5.5E-13	1.5E-12	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.9E-18	4.9E-17	1.0E-10
1,2,3,4,7,8,9-HpCDF	2.0E-17	1.6E-14	2.2E-14	6.3E-14	1.8E-13	3.5E-12	8.2E-12	4.4E-13	4.4E-13	9.1E-19	5.6E-18	1.3E-11
1,2,3,4,7,8-HxCDD	1.6E-15	1.6E-13	2.2E-13	6.2E-13	1.7E-12	3.3E-11	7.6E-11	4.1E-12	4.1E-12	8.9E-18	5.5E-17	1.2E-10
1,2,3,4,7,8-HxCDF	1.1E-14	1.2E-12	1.7E-12	4.9E-12	1.4E-11	2.7E-10	6.2E-10	3.4E-11	3.4E-11	7.0E-17	4.3E-16	9.8E-10
1,2,3,6,7,8-HxCDD	3.0E-15	3.2E-13	4.5E-13	1.3E-12	3.5E-12	7.0E-11	1.6E-10	8.7E-12	8.7E-12	1.8E-17	1.1E-16	2.5E-10
1,2,3,6,7,8-HxCDF	3.9E-15	4.1E-13	5.7E-13	1.6E-12	4.5E-12	8.7E-11	2.0E-10	1.1E-11	1.1E-11	2.3E-17	1.4E-16	3.2E-10
1,2,3,7,8,9-HxCDD	4.3E-15	5.1E-13	7.1E-13	2.0E-12	5.6E-12	1.1E-10	2.4E-10	1.3E-11	1.3E-11	2.9E-17	1.8E-16	3.9E-10
1,2,3,7,8,9-HxCDF	3.2E-16	2.9E-14	4.1E-14	1.2E-13	3.2E-13	6.7E-12	1.5E-11	8.4E-13	8.4E-13	1.6E-18	1.0E-17	2.4E-11
1,2,3,7,8-PeCDD	8.2E-14	1.8E-12	2.5E-12	7.0E-12	2.0E-11	4.2E-10	9.7E-10	5.3E-11	5.3E-11	1.0E-16	6.2E-16	1.5E-09
1,2,3,7,8-PeCDF	5.7E-15	1.0E-13	1.5E-13	4.1E-13	1.2E-12	3.0E-11	6.9E-11	3.7E-12	3.7E-12	5.9E-18	3.6E-17	1.1E-10
2,3,4,6,7,8-HxCDF	5.7E-15	6.4E-13	8.9E-13	2.5E-12	7.0E-12	1.4E-10	3.1E-10	1.7E-11	1.7E-11	3.6E-17	2.2E-16	4.9E-10
2,3,4,7,8-PeCDF	9.1E-14	2.5E-12	3.5E-12	9.8E-12	2.8E-11	6.7E-10	1.6E-09	8.4E-11	8.4E-11	1.4E-16	8.7E-16	2.4E-09
2,3,7,8-TCDD	2.8E-14	3.6E-13	5.0E-13	1.4E-12	4.0E-12	1.7E-10	3.9E-10	2.1E-11	2.1E-11	1.4E-14	8.7E-14	6.1E-10
2,3,7,8-TCDF	8.9E-15	6.6E-14	9.2E-14	2.6E-13	7.3E-13	6.2E-11	1.4E-10	7.8E-12	7.8E-12	3.7E-18	2.3E-17	2.2E-10
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	1.8E-13	4.2E-13	2.3E-14	2.3E-14	5.3E-20	3.3E-19	6.7E-13
OCDF	6.9E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	6.9E-14	1.6E-13	8.6E-15	8.6E-15	2.0E-20	1.3E-19	2.5E-13
DNT												
2,4-Dinitrotoluene		1.1E-08		1.3E-08						1.8E-13		2.3E-08
2,6-Dinitrotoluene		8.2E-08		9.8E-08								1.8E-07
HCN												
Hydrogen cyanide												

Table H-715 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum												
Antimony												
Arsenic	1.0E-16	7.7E-08	3.0E-08	1.8E-07	1.4E-07	2.2E-10	5.1E-10	2.7E-11	2.7E-11	4.3E-11	7.2E-11	4.3E-07
Barium												
Beryllium						8.8E-12	2.0E-11	1.1E-12	1.1E-12	1.1E-20	6.5E-20	3.1E-11
Cadmium						1.2E-10	2.7E-10	1.5E-11	1.5E-11	6.2E-21	3.8E-20	4.2E-10
Chromium												
Cobalt						7.6E-09	1.8E-08	9.5E-10	9.5E-10	7.3E-10	3.1E-09	3.1E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						7.7E-11	1.8E-10	9.7E-12	9.7E-12	4.4E-10	1.7E-09	2.4E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		5.9E-19	8.3E-19	5.4E-19	1.5E-18							3.5E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	3.9E-13	9.7E-09	3.2E-08	8.8E-09	5.8E-08	2.8E-11	6.5E-11	3.5E-12	3.5E-12	2.0E-11	1.2E-10	1.1E-07

Table H-715 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene	1.9E-12	1.7E-07	3.5E-07	1.5E-07	6.4E-07	1.1E-10	2.6E-10	1.4E-11	1.4E-11	1.1E-12	1.0E-11	1.3E-06
Benzo(b)fluoranthene	5.2E-14	3.5E-08	4.9E-08	3.2E-08	9.0E-08	1.2E-11	2.9E-11	1.5E-12	1.5E-12	2.4E-13	1.5E-12	2.1E-07
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	4.3E-17	2.3E-10	2.5E-09	2.1E-10	4.5E-09	1.1E-13	2.5E-13	1.4E-14	1.4E-14	1.5E-14	7.4E-13	7.4E-09
Biphenyl				2.3E-18	6.4E-18							8.7E-18
Chrysene	6.7E-16	1.4E-10	3.6E-10	1.3E-10	6.5E-10	4.8E-12	1.1E-11	6.0E-13	6.0E-13	9.5E-15	1.1E-13	1.3E-09
Dibenzo(a,h)anthracene	9.7E-14	6.2E-09	8.7E-08	5.6E-09	1.6E-07	1.9E-11	4.4E-11	2.4E-12	2.4E-12	4.5E-14	2.8E-12	2.6E-07
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	2.4E-14	8.8E-09	2.3E-08	8.0E-09	4.1E-08	5.8E-12	1.3E-11	7.3E-13	7.3E-13	5.9E-14	6.7E-13	8.1E-08
Napthalene						4.3E-10	1.0E-09	5.4E-11	5.4E-11			1.5E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	3.6E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	1.6E-13	3.7E-13	2.0E-14	2.0E-14	7.8E-20	4.8E-19	5.7E-13
Heptachlorobiphenyl	3.9E-17	1.1E-17	1.6E-17	9.7E-18	2.7E-17	6.2E-14	1.4E-13	7.7E-15	7.7E-15	1.4E-19	8.6E-19	2.2E-13
Hexachlorobiphenyl	1.6E-16	5.2E-17	7.2E-17	4.4E-17	1.2E-16	2.6E-13	6.0E-13	3.3E-14	3.3E-14	6.3E-19	3.9E-18	9.3E-13
Monochlorobiphenyl	2.6E-16	2.4E-17	3.4E-17	2.0E-17	5.7E-17	1.1E-12	2.6E-12	1.4E-13	1.4E-13	5.4E-19	3.3E-18	4.0E-12
Nonachlorobiphenyl	4.9E-18	2.0E-18	2.8E-18	1.7E-18	4.8E-18	8.8E-15	2.0E-14	1.1E-15	1.1E-15	2.5E-20	1.5E-19	3.1E-14
Octachlorobiphenyl	1.2E-17	3.7E-18	5.2E-18	3.1E-18	8.8E-18	1.9E-14	4.4E-14	2.4E-15	2.4E-15	4.5E-20	2.8E-19	6.8E-14
Pentachlorobiphenyl	5.3E-16	1.9E-16	2.6E-16	1.6E-16	4.4E-16	8.9E-13	2.1E-12	1.1E-13	1.1E-13	2.3E-18	1.4E-17	3.2E-12
Tetrachlorobiphenyl	1.1E-17	1.3E-18	1.8E-18	1.1E-18	3.1E-18	5.2E-14	1.2E-13	6.5E-15	6.5E-15	3.0E-20	1.8E-19	1.8E-13
Trichlorobiphenyl	1.4E-17	1.6E-18	2.2E-18	1.3E-18	3.8E-18	6.5E-14	1.5E-13	8.2E-15	8.2E-15	3.6E-20	2.2E-19	2.3E-13
Pesticides												
DDE				1.5E-09	6.4E-09					1.4E-11	8.4E-11	8.0E-09
Dieldrin			1.4E-08		3.2E-08						1.0E-12	4.6E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												

Table H-715 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
1,3-Butadiene						8.2E-08						8.2E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	4.3E-20					1.4E-12	3.3E-12	1.8E-13	1.8E-13			5.1E-12
1,4-Dioxane						3.1E-08						3.1E-08
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	5.9E-16	8.1E-15	1.1E-14	9.5E-15	2.7E-14	3.9E-11	9.0E-11	4.9E-12	4.9E-12	8.0E-20	4.9E-19	1.4E-10
Butyl benzyl phthalate	2.9E-17	5.3E-19	7.4E-19	6.3E-19	1.8E-18							3.2E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	4.5E-17					8.4E-11	1.9E-10	1.0E-11	1.0E-11			3.0E-10
Isopropanol												
p-Chloroaniline			5.6E-09		1.3E-08							1.9E-08
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	6.0E-21					8.6E-14	2.0E-13	1.1E-14	1.1E-14			3.0E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	2.8E-18											2.8E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	6.4E-20					3.6E-12	8.2E-12	4.4E-13	4.4E-13			1.3E-11

Table H-715 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
1,2-Dichloroethane	9.1E-20					7.6E-08	9.8E-08	2.2E-09	2.2E-09			1.8E-07
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												
Benzene	9.3E-18					5.6E-08	1.8E-07	6.5E-09	6.5E-09			2.5E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	1.7E-21					3.0E-13	1.1E-06	3.8E-14	3.8E-14			1.1E-06
Bromoform							1.4E-07					1.4E-07
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	8.1E-22					7.6E-08	2.0E-07	7.9E-09	7.9E-09			2.9E-07
Chlorobenzene												
Chlorodibromomethane	1.3E-19											1.3E-19
Chloroethane												
Chloroform	7.5E-21					5.0E-08	1.6E-06	4.7E-09	4.7E-09			1.6E-06
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	1.4E-18					2.1E-08	4.7E-08	5.2E-12	5.2E-12			6.8E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	4.4E-21					1.5E-14	3.6E-14	1.9E-15	1.9E-15			5.5E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												

Table H-715 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
tert-Butylbenzene												
Tetrachloroethene	1.2E-22					2.7E-15	6.2E-15	3.4E-16	3.4E-16			9.6E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	2.7E-23					1.6E-09	1.6E-07	3.2E-16	3.2E-16			1.6E-07
Trichlorofluoromethane												
Vinyl chloride	3.0E-20					1.9E-12	4.3E-12	2.3E-13	2.3E-13			6.6E-12
Grand Total	2.7E-12	3.9E-07	5.9E-07	5.0E-07	1.2E-06	6.8E-06	3.5E-06	2.3E-08	2.3E-08	1.3E-09	5.1E-09	1.3E-05

Table H-716 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					5.8E-01	1.5E-04	7.9E-06	7.9E-06			5.8E-01
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
DNT												
2,4-Dinitrotoluene		2.0E-04		2.4E-04								4.4E-04
2,6-Dinitrotoluene		2.1E-03		2.5E-03								4.7E-03
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04

Table H-716 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum				7.9E-03	2.0E-02					7.7E-05	4.2E-04	2.8E-02
Antimony	3.9E-14			7.6E-04	3.6E-03							4.3E-03
Arsenic	2.7E-12	2.0E-03	7.7E-04	4.7E-03	3.6E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	7.7E-06	1.3E-05	1.1E-02
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				6.5E-02	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	1.6E-04	6.6E-04	1.9E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				2.4E-02	5.4E-02							7.8E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	9.6E-05	5.9E-04	6.9E-04
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.0E-02	3.5E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	2.2E-04	8.5E-04	5.7E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Thallium (Soluble Salts)				1.1E-02	1.7E-02							2.7E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												

Table H-716 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	1.1E-04	6.2E-06	6.2E-06			1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
DDE												
Dieldrin			2.0E-04		4.7E-04							6.7E-04
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09

Table H-716 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
1,3-Butadiene						1.6E-02						1.6E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
1,4-Dioxane						2.4E-03						2.4E-03
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						4.1E-03	1.1E-02					1.5E-02
p-Chloroaniline			8.2E-05		1.9E-04							2.8E-04
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08

Table H-716 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,2-Dichloroethane	1.9E-15					4.9E-03	6.3E-03	1.4E-04	1.4E-04			1.1E-02
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.8E-03	9.0E-03	3.2E-04	3.2E-04			1.2E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromoform												
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.5E-03	3.9E-03	1.5E-04	1.5E-04			5.7E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					2.6E-04	8.1E-03	2.4E-05	2.4E-05			8.4E-03
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					9.6E-05	2.2E-04	2.4E-08	2.4E-08			3.2E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06

Table H-716 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.3E-03	2.2E-01	4.5E-10	4.5E-10			2.3E-01
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	5.0E-09	4.3E-03	1.0E-03	1.4E-01	2.6E-01	6.2E-01	2.7E-01	1.0E-03	1.0E-03	5.6E-04	2.5E-03	1.3E+00

Table H-717 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						2.7E-10	6.3E-10	3.4E-11	3.4E-11			9.7E-10
Formaldehyde						6.4E-06	4.4E-05	8.6E-11	8.6E-11			5.0E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.4E-16	1.4E-13	1.9E-13	5.5E-13	1.5E-12	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.8E-18	4.8E-17	1.0E-10
1,2,3,4,6,7,8-HpCDF	1.3E-16	1.4E-13	2.0E-13	5.5E-13	1.5E-12	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.9E-18	4.9E-17	1.0E-10
1,2,3,4,7,8,9-HpCDF	2.0E-17	1.6E-14	2.2E-14	6.3E-14	1.8E-13	3.5E-12	8.2E-12	4.4E-13	4.4E-13	9.1E-19	5.6E-18	1.3E-11
1,2,3,4,7,8-HxCDD	1.6E-15	1.6E-13	2.2E-13	6.2E-13	1.7E-12	3.3E-11	7.6E-11	4.1E-12	4.1E-12	8.9E-18	5.5E-17	1.2E-10
1,2,3,4,7,8-HxCDF	1.1E-14	1.2E-12	1.7E-12	4.9E-12	1.4E-11	2.7E-10	6.2E-10	3.4E-11	3.4E-11	7.0E-17	4.3E-16	9.8E-10
1,2,3,6,7,8-HxCDD	3.0E-15	3.2E-13	4.5E-13	1.3E-12	3.5E-12	7.0E-11	1.6E-10	8.7E-12	8.7E-12	1.8E-17	1.1E-16	2.5E-10
1,2,3,6,7,8-HxCDF	3.9E-15	4.1E-13	5.7E-13	1.6E-12	4.5E-12	8.7E-11	2.0E-10	1.1E-11	1.1E-11	2.3E-17	1.4E-16	3.2E-10
1,2,3,7,8,9-HxCDD	4.3E-15	5.1E-13	7.1E-13	2.0E-12	5.6E-12	1.1E-10	2.4E-10	1.3E-11	1.3E-11	2.9E-17	1.8E-16	3.9E-10
1,2,3,7,8,9-HxCDF	3.2E-16	2.9E-14	4.1E-14	1.2E-13	3.2E-13	6.7E-12	1.5E-11	8.4E-13	8.4E-13	1.6E-18	1.0E-17	2.4E-11
1,2,3,7,8-PeCDD	8.2E-14	1.8E-12	2.5E-12	7.0E-12	2.0E-11	4.2E-10	9.7E-10	5.3E-11	5.3E-11	1.0E-16	6.2E-16	1.5E-09
1,2,3,7,8-PeCDF	5.7E-15	1.0E-13	1.5E-13	4.1E-13	1.2E-12	3.0E-11	6.9E-11	3.7E-12	3.7E-12	5.9E-18	3.6E-17	1.1E-10
2,3,4,6,7,8-HxCDF	5.7E-15	6.4E-13	8.9E-13	2.5E-12	7.0E-12	1.4E-10	3.1E-10	1.7E-11	1.7E-11	3.6E-17	2.2E-16	4.9E-10
2,3,4,7,8-PeCDF	9.1E-14	2.5E-12	3.5E-12	9.8E-12	2.8E-11	6.7E-10	1.6E-09	8.4E-11	8.4E-11	1.4E-16	8.7E-16	2.4E-09
2,3,7,8-TCDD	2.8E-14	3.6E-13	5.0E-13	1.4E-12	4.0E-12	1.7E-10	3.9E-10	2.1E-11	2.1E-11	1.4E-14	8.7E-14	6.1E-10
2,3,7,8-TCDF	8.9E-15	6.6E-14	9.2E-14	2.6E-13	7.3E-13	6.2E-11	1.4E-10	7.8E-12	7.8E-12	3.7E-18	2.3E-17	2.2E-10
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	1.8E-13	4.2E-13	2.3E-14	2.3E-14	5.3E-20	3.3E-19	6.7E-13
OCDF	6.9E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	6.9E-14	1.6E-13	8.6E-15	8.6E-15	2.0E-20	1.3E-19	2.5E-13
DNT												
2,4-Dinitrotoluene		1.1E-08		1.3E-08						1.8E-13		2.3E-08
2,6-Dinitrotoluene		8.2E-08		9.8E-08								1.8E-07
HCN												
Hydrogen cyanide												

Table H-717 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum												
Antimony												
Arsenic	1.0E-16	7.7E-08	5.9E-08	1.8E-07	2.8E-07	2.2E-10	5.1E-10	2.7E-11	2.7E-11	4.3E-11	1.4E-10	6.0E-07
Barium												
Beryllium						8.8E-12	2.0E-11	1.1E-12	1.1E-12	1.1E-20	6.5E-20	3.1E-11
Cadmium						1.2E-10	2.7E-10	1.5E-11	1.5E-11	6.2E-21	3.8E-20	4.2E-10
Chromium												
Cobalt						7.6E-09	1.8E-08	9.5E-10	9.5E-10	7.3E-10	3.1E-09	3.1E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						7.7E-11	1.8E-10	9.7E-12	9.7E-12	4.4E-10	1.9E-09	2.6E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		5.9E-19	8.3E-19	5.4E-19	1.5E-18							3.5E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	3.9E-13	9.7E-09	1.6E-13	8.8E-09	2.9E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	2.0E-11	1.2E-10	1.9E-08

Table H-717 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene	1.9E-12	1.7E-07	7.2E-13	1.5E-07	1.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	1.1E-12	2.1E-17	3.2E-07
Benzo(b)fluoranthene	5.2E-14	3.5E-08	4.2E-15	3.2E-08	7.6E-15	1.2E-11	2.9E-11	1.5E-12	1.5E-12	2.4E-13	1.2E-19	6.8E-08
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	4.3E-17	2.3E-10	5.2E-16	2.1E-10	9.5E-16	1.1E-13	2.5E-13	1.4E-14	1.4E-14	1.5E-14	1.5E-19	4.3E-10
Biphenyl				2.3E-18	6.4E-18							8.7E-18
Chrysene	6.7E-16	1.4E-10	2.1E-15	1.3E-10	3.8E-15	4.8E-12	1.1E-11	6.0E-13	6.0E-13	9.5E-15	6.2E-19	2.9E-10
Dibenzo(a,h)anthracene	9.7E-14	6.2E-09	2.6E-13	5.6E-09	4.8E-13	1.9E-11	4.4E-11	2.4E-12	2.4E-12	4.5E-14	8.5E-18	1.2E-08
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	2.4E-14	8.8E-09	7.3E-14	8.0E-09	1.3E-13	5.8E-12	1.3E-11	7.3E-13	7.3E-13	5.9E-14	2.1E-18	1.7E-08
Napthalene						4.3E-10	1.0E-09	5.4E-11	5.4E-11			1.5E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	3.6E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	1.6E-13	3.7E-13	2.0E-14	2.0E-14	7.8E-20	4.8E-19	5.7E-13
Heptachlorobiphenyl	3.9E-17	1.1E-17	1.6E-17	9.7E-18	2.7E-17	6.2E-14	1.4E-13	7.7E-15	7.7E-15	1.4E-19	8.6E-19	2.2E-13
Hexachlorobiphenyl	1.6E-16	5.2E-17	7.2E-17	4.4E-17	1.2E-16	2.6E-13	6.0E-13	3.3E-14	3.3E-14	6.3E-19	3.9E-18	9.3E-13
Monochlorobiphenyl	2.6E-16	2.4E-17	3.4E-17	2.0E-17	5.7E-17	1.1E-12	2.6E-12	1.4E-13	1.4E-13	5.4E-19	3.3E-18	4.0E-12
Nonachlorobiphenyl	4.9E-18	2.0E-18	2.8E-18	1.7E-18	4.8E-18	8.8E-15	2.0E-14	1.1E-15	1.1E-15	2.5E-20	1.5E-19	3.1E-14
Octachlorobiphenyl	1.2E-17	3.7E-18	5.2E-18	3.1E-18	8.8E-18	1.9E-14	4.4E-14	2.4E-15	2.4E-15	4.5E-20	2.8E-19	6.8E-14
Pentachlorobiphenyl	5.3E-16	1.9E-16	2.6E-16	1.6E-16	4.4E-16	8.9E-13	2.1E-12	1.1E-13	1.1E-13	2.3E-18	1.4E-17	3.2E-12
Tetrachlorobiphenyl	1.1E-17	1.3E-18	1.8E-18	1.1E-18	3.1E-18	5.2E-14	1.2E-13	6.5E-15	6.5E-15	3.0E-20	1.8E-19	1.8E-13
Trichlorobiphenyl	1.4E-17	1.6E-18	2.2E-18	1.3E-18	3.8E-18	6.5E-14	1.5E-13	8.2E-15	8.2E-15	3.6E-20	2.2E-19	2.3E-13
Pesticides												
DDE				1.5E-09	2.3E-09					1.4E-11	8.4E-11	3.9E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene						8.2E-08						8.2E-08

Table H-717 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-dichlorobenzene												
1,4-dichlorobenzene	4.3E-20					1.4E-12	3.3E-12	1.8E-13	1.8E-13			5.1E-12
1,4-Dioxane						3.1E-08						3.1E-08
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	5.9E-16	8.1E-15	1.1E-14	9.5E-15	2.7E-14	3.9E-11	9.0E-11	4.9E-12	4.9E-12	8.0E-20	4.9E-19	1.4E-10
Butyl benzyl phthalate	2.9E-17	5.3E-19	7.4E-19	6.3E-19	1.8E-18							3.2E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	4.5E-17					8.4E-11	1.9E-10	1.0E-11	1.0E-11			3.0E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	6.0E-21					8.6E-14	2.0E-13	1.1E-14	1.1E-14			3.0E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	2.8E-18											2.8E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	6.4E-20					3.6E-12	8.2E-12	4.4E-13	4.4E-13			1.3E-11
1,2-Dichloroethane	9.1E-20					7.6E-08	1.4E-11	2.2E-09	2.2E-09			8.1E-08
1,3,5-Trimethylbenzene												

Table H-717 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												
Benzene	9.3E-18					5.6E-08	1.3E-09	6.5E-09	6.5E-09			7.1E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	1.7E-21					3.0E-13	7.0E-13	3.8E-14	3.8E-14			1.1E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	8.1E-22					7.6E-08	2.6E-13	7.9E-09	7.9E-09			9.2E-08
Chlorobenzene												
Chlorodibromomethane	1.3E-19											1.3E-19
Chloroethane												
Chloroform	7.5E-21					5.0E-08	8.9E-12	4.7E-09	4.7E-09			5.9E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	1.4E-18					2.1E-08	9.7E-11	5.2E-12	5.2E-12			2.1E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	4.4E-21					1.5E-14	3.6E-14	1.9E-15	1.9E-15			5.5E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	1.2E-22					2.7E-15	6.2E-15	3.4E-16	3.4E-16			9.6E-15
Toluene												

Table H-717 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	2.7E-23					1.6E-09	5.9E-15	3.2E-16	3.2E-16			1.6E-09
Trichlorofluoromethane												
Vinyl chloride	3.0E-20					1.9E-12	4.3E-12	2.3E-13	2.3E-13			6.6E-12
Grand Total	2.7E-12	3.9E-07	5.9E-08	5.0E-07	2.8E-07	6.8E-06	4.4E-05	2.3E-08	2.3E-08	1.3E-09	5.3E-09	5.2E-05

Table H-718 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					5.8E-01	4.0E+00	7.9E-06	7.9E-06			4.6E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
DNT												
2,4-Dinitrotoluene		2.0E-04		2.4E-04								4.4E-04
2,6-Dinitrotoluene		2.1E-03		2.5E-03								4.7E-03
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04

Table H-718 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum				7.9E-03	2.4E-02					7.7E-05	5.1E-04	3.2E-02
Antimony	3.9E-14			7.6E-04	1.2E-03							2.0E-03
Arsenic	2.7E-12	2.0E-03	1.5E-03	4.7E-03	7.2E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	7.7E-06	2.6E-05	1.6E-02
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				6.5E-02	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	1.6E-04	6.7E-04	2.0E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				2.4E-02	5.7E-02							8.1E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	9.6E-05	5.9E-04	6.9E-04
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.0E-02	4.0E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	2.2E-04	9.5E-04	6.1E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Thallium (Soluble Salts)				1.1E-02	1.4E-02							2.5E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												

Table H-718 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	1.1E-04	6.2E-06	6.2E-06			1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
DDE												
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.6E-02						1.6E-02

Table H-718 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
1,4-Dioxane						2.4E-03						2.4E-03
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						4.1E-03						4.1E-03
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.9E-03	9.1E-07	1.4E-04	1.4E-04			5.2E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15

Table H-718 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.8E-03	6.7E-05	3.2E-04	3.2E-04			3.5E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.5E-03	5.0E-09	1.5E-04	1.5E-04			1.8E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					2.6E-04	4.6E-08	2.4E-05	2.4E-05			3.1E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					9.6E-05	4.5E-07	2.4E-08	2.4E-08			9.6E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07

Table H-718 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.3E-03	8.4E-09	4.5E-10	4.5E-10			2.3E-03
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	5.0E-09	4.3E-03	1.5E-03	1.4E-01	2.7E-01	6.2E-01	4.0E+00	1.0E-03	1.0E-03	5.6E-04	2.7E-03	5.1E+00

Table H-719 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						2.7E-10	6.3E-10	3.4E-11	3.4E-11			9.7E-10
Formaldehyde						6.4E-06	3.0E-05	8.6E-11	8.6E-11			3.6E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.4E-16	1.4E-13	1.9E-13	5.5E-13	1.5E-12	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.8E-18	4.8E-17	1.0E-10
1,2,3,4,6,7,8-HpCDF	1.3E-16	1.4E-13	2.0E-13	5.5E-13	1.5E-12	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.9E-18	4.9E-17	1.0E-10
1,2,3,4,7,8,9-HpCDF	2.0E-17	1.6E-14	2.2E-14	6.3E-14	1.8E-13	3.5E-12	8.2E-12	4.4E-13	4.4E-13	9.1E-19	5.6E-18	1.3E-11
1,2,3,4,7,8-HxCDD	1.6E-15	1.6E-13	2.2E-13	6.2E-13	1.7E-12	3.3E-11	7.6E-11	4.1E-12	4.1E-12	8.9E-18	5.5E-17	1.2E-10
1,2,3,4,7,8-HxCDF	1.1E-14	1.2E-12	1.7E-12	4.9E-12	1.4E-11	2.7E-10	6.2E-10	3.4E-11	3.4E-11	7.0E-17	4.3E-16	9.8E-10
1,2,3,6,7,8-HxCDD	3.0E-15	3.2E-13	4.5E-13	1.3E-12	3.5E-12	7.0E-11	1.6E-10	8.7E-12	8.7E-12	1.8E-17	1.1E-16	2.5E-10
1,2,3,6,7,8-HxCDF	3.9E-15	4.1E-13	5.7E-13	1.6E-12	4.5E-12	8.7E-11	2.0E-10	1.1E-11	1.1E-11	2.3E-17	1.4E-16	3.2E-10
1,2,3,7,8,9-HxCDD	4.3E-15	5.1E-13	7.1E-13	2.0E-12	5.6E-12	1.1E-10	2.4E-10	1.3E-11	1.3E-11	2.9E-17	1.8E-16	3.9E-10
1,2,3,7,8,9-HxCDF	3.2E-16	2.9E-14	4.1E-14	1.2E-13	3.2E-13	6.7E-12	1.5E-11	8.4E-13	8.4E-13	1.6E-18	1.0E-17	2.4E-11
1,2,3,7,8-PeCDD	8.2E-14	1.8E-12	2.5E-12	7.0E-12	2.0E-11	4.2E-10	9.7E-10	5.3E-11	5.3E-11	1.0E-16	6.2E-16	1.5E-09
1,2,3,7,8-PeCDF	5.7E-15	1.0E-13	1.5E-13	4.1E-13	1.2E-12	3.0E-11	6.9E-11	3.7E-12	3.7E-12	5.9E-18	3.6E-17	1.1E-10
2,3,4,6,7,8-HxCDF	5.7E-15	6.4E-13	8.9E-13	2.5E-12	7.0E-12	1.4E-10	3.1E-10	1.7E-11	1.7E-11	3.6E-17	2.2E-16	4.9E-10
2,3,4,7,8-PeCDF	9.1E-14	2.5E-12	3.5E-12	9.8E-12	2.8E-11	6.7E-10	1.6E-09	8.4E-11	8.4E-11	1.4E-16	8.7E-16	2.4E-09
2,3,7,8-TCDD	2.8E-14	3.6E-13	5.0E-13	1.4E-12	4.0E-12	1.7E-10	3.9E-10	2.1E-11	2.1E-11	1.4E-14	8.7E-14	6.1E-10
2,3,7,8-TCDF	8.9E-15	6.6E-14	9.2E-14	2.6E-13	7.3E-13	6.2E-11	1.4E-10	7.8E-12	7.8E-12	3.7E-18	2.3E-17	2.2E-10
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	1.8E-13	4.2E-13	2.3E-14	2.3E-14	5.3E-20	3.3E-19	6.7E-13
OCDF	6.9E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	6.9E-14	1.6E-13	8.6E-15	8.6E-15	2.0E-20	1.3E-19	2.5E-13
DNT												
2,4-Dinitrotoluene		1.1E-08		1.3E-08						1.8E-13		2.3E-08
2,6-Dinitrotoluene		8.2E-08		9.8E-08								1.8E-07
HCN												
Hydrogen cyanide												

Table H-719 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum												
Antimony												
Arsenic	1.0E-16	7.7E-08	2.3E-08	1.8E-07	1.1E-07	2.2E-10	5.1E-10	2.7E-11	2.7E-11	4.3E-11	5.7E-11	3.9E-07
Barium												
Beryllium						8.8E-12	2.0E-11	1.1E-12	1.1E-12	1.1E-20	6.5E-20	3.1E-11
Cadmium						1.2E-10	2.7E-10	1.5E-11	1.5E-11	6.2E-21	3.8E-20	4.2E-10
Chromium												
Cobalt						7.6E-09	1.8E-08	9.5E-10	9.5E-10	7.3E-10	5.3E-09	3.3E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						7.7E-11	1.8E-10	9.7E-12	9.7E-12	4.4E-10	3.2E-09	3.9E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		5.9E-19	8.3E-19	5.4E-19	1.5E-18							3.5E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	3.9E-13	9.7E-09	1.6E-13	8.8E-09	2.9E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	2.0E-11	1.2E-10	1.9E-08

Table H-719 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene	1.9E-12	1.7E-07	8.2E-08	1.5E-07	1.5E-07	1.1E-10	2.6E-10	1.4E-11	1.4E-11	1.1E-12	2.4E-12	5.5E-07
Benzo(b)fluoranthene	5.2E-14	3.5E-08	7.4E-09	3.2E-08	1.4E-08	1.2E-11	2.9E-11	1.5E-12	1.5E-12	2.4E-13	2.2E-13	8.8E-08
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	4.3E-17	2.3E-10	5.2E-16	2.1E-10	9.5E-16	1.1E-13	2.5E-13	1.4E-14	1.4E-14	1.5E-14	1.5E-19	4.3E-10
Biphenyl				2.3E-18	6.4E-18							8.7E-18
Chrysene	6.7E-16	1.4E-10	2.1E-15	1.3E-10	3.8E-15	4.8E-12	1.1E-11	6.0E-13	6.0E-13	9.5E-15	6.2E-19	2.9E-10
Dibenzo(a,h)anthracene	9.7E-14	6.2E-09	2.6E-13	5.6E-09	4.8E-13	1.9E-11	4.4E-11	2.4E-12	2.4E-12	4.5E-14	8.5E-18	1.2E-08
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	2.4E-14	8.8E-09	7.3E-14	8.0E-09	1.3E-13	5.8E-12	1.3E-11	7.3E-13	7.3E-13	5.9E-14	2.1E-18	1.7E-08
Napthalene						4.3E-10	1.0E-09	5.4E-11	5.4E-11			1.5E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	3.6E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	1.6E-13	3.7E-13	2.0E-14	2.0E-14	7.8E-20	4.8E-19	5.7E-13
Heptachlorobiphenyl	3.9E-17	1.1E-17	1.6E-17	9.7E-18	2.7E-17	6.2E-14	1.4E-13	7.7E-15	7.7E-15	1.4E-19	8.6E-19	2.2E-13
Hexachlorobiphenyl	1.6E-16	5.2E-17	7.2E-17	4.4E-17	1.2E-16	2.6E-13	6.0E-13	3.3E-14	3.3E-14	6.3E-19	3.9E-18	9.3E-13
Monochlorobiphenyl	2.6E-16	2.4E-17	3.4E-17	2.0E-17	5.7E-17	1.1E-12	2.6E-12	1.4E-13	1.4E-13	5.4E-19	3.3E-18	4.0E-12
Nonachlorobiphenyl	4.9E-18	2.0E-18	2.8E-18	1.7E-18	4.8E-18	8.8E-15	2.0E-14	1.1E-15	1.1E-15	2.5E-20	1.5E-19	3.1E-14
Octachlorobiphenyl	1.2E-17	3.7E-18	5.2E-18	3.1E-18	8.8E-18	1.9E-14	4.4E-14	2.4E-15	2.4E-15	4.5E-20	2.8E-19	6.8E-14
Pentachlorobiphenyl	5.3E-16	1.9E-16	2.6E-16	1.6E-16	4.4E-16	8.9E-13	2.1E-12	1.1E-13	1.1E-13	2.3E-18	1.4E-17	3.2E-12
Tetrachlorobiphenyl	1.1E-17	1.3E-18	1.8E-18	1.1E-18	3.1E-18	5.2E-14	1.2E-13	6.5E-15	6.5E-15	3.0E-20	1.8E-19	1.8E-13
Trichlorobiphenyl	1.4E-17	1.6E-18	2.2E-18	1.3E-18	3.8E-18	6.5E-14	1.5E-13	8.2E-15	8.2E-15	3.6E-20	2.2E-19	2.3E-13
Pesticides												
DDE				1.5E-09	8.0E-09					1.4E-11	8.4E-11	9.6E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene						8.2E-08						8.2E-08

Table H-719 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-dichlorobenzene												
1,4-dichlorobenzene	4.3E-20					1.4E-12	3.3E-12	1.8E-13	1.8E-13			5.1E-12
1,4-Dioxane						3.1E-08						3.1E-08
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	5.9E-16	8.1E-15	1.1E-14	9.5E-15	2.7E-14	3.9E-11	9.0E-11	4.9E-12	4.9E-12	8.0E-20	4.9E-19	1.4E-10
Butyl benzyl phthalate	2.9E-17	5.3E-19	7.4E-19	6.3E-19	1.8E-18							3.2E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	4.5E-17					8.4E-11	1.9E-10	1.0E-11	1.0E-11			3.0E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	6.0E-21					8.6E-14	2.0E-13	1.1E-14	1.1E-14			3.0E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	2.8E-18											2.8E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	6.4E-20					3.6E-12	8.2E-12	4.4E-13	4.4E-13			1.3E-11
1,2-Dichloroethane	9.1E-20					7.6E-08	1.4E-11	2.2E-09	2.2E-09			8.1E-08
1,3,5-Trimethylbenzene												

Table H-719 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												
Benzene	9.3E-18					5.6E-08	1.3E-09	6.5E-09	6.5E-09			7.1E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	1.7E-21					3.0E-13	7.0E-13	3.8E-14	3.8E-14			1.1E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	8.1E-22					7.6E-08	2.6E-13	7.9E-09	7.9E-09			9.2E-08
Chlorobenzene												
Chlorodibromomethane	1.3E-19											1.3E-19
Chloroethane												
Chloroform	7.5E-21					5.0E-08	8.9E-12	4.7E-09	4.7E-09			5.9E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	1.4E-18					2.1E-08	9.7E-11	5.2E-12	5.2E-12			2.1E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	4.4E-21					1.5E-14	3.6E-14	1.9E-15	1.9E-15			5.5E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	1.2E-22					2.7E-15	6.2E-15	3.4E-16	3.4E-16			9.6E-15
Toluene												

Table H-719 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	2.7E-23					1.6E-09	5.9E-15	3.2E-16	3.2E-16			1.6E-09
Trichlorofluoromethane												
Vinyl chloride	3.0E-20					1.9E-12	4.3E-12	2.3E-13	2.3E-13			6.6E-12
Grand Total	2.7E-12	3.9E-07	1.1E-07	5.0E-07	2.8E-07	6.8E-06	3.0E-05	2.3E-08	2.3E-08	1.3E-09	8.7E-09	3.8E-05

Table H-720 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					5.8E-01	2.7E+00	7.9E-06	7.9E-06			3.3E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
DNT												
2,4-Dinitrotoluene		2.0E-04		2.4E-04								4.4E-04
2,6-Dinitrotoluene		2.1E-03		2.5E-03								4.7E-03
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04

Table H-720 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Outdoor Vapors at CJ	Inhalation of Outdoor Vapors at Home	Grand Total
Metals												
Aluminum				7.9E-03	1.9E-02					7.7E-05	4.1E-04	2.8E-02
Antimony	3.9E-14			7.6E-04	4.2E-04							1.2E-03
Arsenic	2.7E-12	2.0E-03	6.1E-04	4.7E-03	2.9E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	7.7E-06	1.0E-05	1.0E-02
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				6.5E-02	2.1E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	1.6E-04	1.1E-03	2.8E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				2.4E-02	6.2E-02							8.6E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	9.6E-05	5.9E-04	6.9E-04
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.0E-02	6.6E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	2.2E-04	1.6E-03	8.8E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Thallium (Soluble Salts)				1.1E-02								1.1E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												

Table H-720 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	1.1E-04	6.2E-06	6.2E-06			1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
DDE												
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.6E-02						1.6E-02

Table H-720 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
1,4-Dioxane						2.4E-03						2.4E-03
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						4.1E-03						4.1E-03
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.9E-03	9.1E-07	1.4E-04	1.4E-04			5.2E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15

Table H-720 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.8E-03	6.7E-05	3.2E-04	3.2E-04			3.5E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.5E-03	5.0E-09	1.5E-04	1.5E-04			1.8E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					2.6E-04	4.6E-08	2.4E-05	2.4E-05			3.1E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					9.6E-05	4.5E-07	2.4E-08	2.4E-08			9.6E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07

Table H-720 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.3E-03	8.4E-09	4.5E-10	4.5E-10			2.3E-03
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	5.0E-09	4.3E-03	6.1E-04	1.4E-01	3.6E-01	6.2E-01	2.8E+00	1.0E-03	1.0E-03	5.6E-04	3.7E-03	3.9E+00

Table H-721 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						2.7E-10	9.8E-09	3.4E-11	3.3E-09			1.3E-08
Formaldehyde						6.4E-06	2.3E-08	8.6E-11	7.5E-09			6.4E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.4E-16	1.4E-13	2.6E-12	5.5E-13	2.0E-11	2.8E-11	1.1E-09	3.5E-12	3.7E-10	7.8E-18	6.4E-16	1.5E-09
1,2,3,4,6,7,8-HpCDF	1.3E-16	1.4E-13	2.6E-12	5.5E-13	2.1E-11	2.8E-11	1.1E-09	3.5E-12	3.7E-10	7.9E-18	6.5E-16	1.5E-09
1,2,3,4,7,8,9-HpCDF	2.0E-17	1.6E-14	3.1E-13	6.3E-14	2.5E-12	3.5E-12	1.4E-10	4.4E-13	4.8E-11	9.1E-19	7.8E-17	2.0E-10
1,2,3,4,7,8-HxCDD	1.6E-15	1.6E-13	3.0E-12	6.2E-13	2.4E-11	3.3E-11	1.3E-09	4.1E-12	4.5E-10	8.9E-18	7.5E-16	1.9E-09
1,2,3,4,7,8-HxCDF	1.1E-14	1.2E-12	2.4E-11	4.9E-12	1.9E-10	2.7E-10	1.1E-08	3.4E-11	3.6E-09	7.0E-17	6.0E-15	1.5E-08
1,2,3,6,7,8-HxCDD	3.0E-15	3.2E-13	6.2E-12	1.3E-12	4.9E-11	7.0E-11	2.8E-09	8.7E-12	9.4E-10	1.8E-17	1.5E-15	3.9E-09
1,2,3,6,7,8-HxCDF	3.9E-15	4.1E-13	7.9E-12	1.6E-12	6.3E-11	8.7E-11	3.6E-09	1.1E-11	1.2E-09	2.3E-17	2.0E-15	4.9E-09
1,2,3,7,8,9-HxCDD	4.3E-15	5.1E-13	9.7E-12	2.0E-12	7.7E-11	1.1E-10	4.3E-09	1.3E-11	1.4E-09	2.9E-17	2.4E-15	5.9E-09
1,2,3,7,8,9-HxCDF	3.2E-16	2.9E-14	5.7E-13	1.2E-13	4.5E-12	6.7E-12	2.7E-10	8.4E-13	9.1E-11	1.6E-18	1.4E-16	3.8E-10
1,2,3,7,8-PeCDD	8.2E-14	1.8E-12	3.5E-11	7.0E-12	2.7E-10	4.2E-10	1.7E-08	5.3E-11	5.7E-09	1.0E-16	8.6E-15	2.4E-08
1,2,3,7,8-PeCDF	5.7E-15	1.0E-13	2.1E-12	4.1E-13	1.6E-11	3.0E-11	1.2E-09	3.7E-12	4.1E-10	5.9E-18	5.1E-16	1.7E-09
2,3,4,6,7,8-HxCDF	5.7E-15	6.4E-13	1.2E-11	2.5E-12	9.5E-11	1.4E-10	5.4E-09	1.7E-11	1.8E-09	3.6E-17	3.0E-15	7.5E-09
2,3,4,7,8-PeCDF	9.1E-14	2.5E-12	4.9E-11	9.8E-12	3.9E-10	6.7E-10	2.7E-08	8.4E-11	9.1E-09	1.4E-16	1.2E-14	3.8E-08
2,3,7,8-TCDD	2.8E-14	3.6E-13	5.2E-12	1.4E-12	4.1E-11	1.7E-10	5.7E-09	2.1E-11	1.9E-09	1.4E-14	9.0E-13	7.8E-09
2,3,7,8-TCDF	8.9E-15	6.6E-14	1.3E-12	2.6E-13	1.0E-11	6.2E-11	2.6E-09	7.8E-12	8.5E-10	3.7E-18	3.3E-16	3.5E-09
OCDD	1.8E-20	9.4E-16	1.7E-14	3.7E-15	1.4E-13	1.8E-13	7.2E-12	2.3E-14	2.4E-12	5.3E-20	4.3E-18	1.0E-11
OCDF	6.9E-21	3.6E-16	6.5E-15	1.4E-15	5.1E-14	6.9E-14	2.7E-12	8.6E-15	8.9E-13	2.0E-20	1.6E-18	3.7E-12
DNT												
2,4-Dinitrotoluene		1.1E-08		1.3E-08						1.8E-13		2.3E-08
2,6-Dinitrotoluene		8.2E-08		9.8E-08								1.8E-07
HCN												
Hydrogen cyanide												

Table H-721 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum												
Antimony												
Arsenic	1.0E-16	7.7E-08	6.2E-18	1.8E-07	2.9E-17	2.2E-10	7.7E-09	2.7E-11	2.6E-09	4.3E-11	1.5E-20	2.7E-07
Barium												
Beryllium						8.8E-12	3.0E-10	1.1E-12	1.0E-10	1.1E-20	8.7E-19	4.1E-10
Cadmium						1.2E-10	4.1E-09	1.5E-11	1.4E-09	6.2E-21	5.2E-19	5.6E-09
Chromium												
Cobalt						7.6E-09	1.4E-07	9.5E-10	4.6E-08	7.3E-10	7.3E-13	1.9E-07
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						7.7E-11	2.7E-09	9.7E-12	8.9E-10	4.4E-10	3.7E-19	4.1E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		5.9E-19	1.2E-17	5.4E-19	2.2E-17							3.5E-17
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	3.9E-13	9.7E-09	2.5E-12	8.8E-09	4.6E-12	2.8E-11	1.2E-09	3.5E-12	4.1E-10	2.0E-11	2.3E-14	2.0E-08

Table H-721 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Outdoor Vapors at CJ	Inhalation of Outdoor Vapors at Home	Grand Total
Benzo(a)pyrene	1.9E-12	1.7E-07	1.1E-11	1.5E-07	1.9E-11	1.1E-10	4.6E-09	1.4E-11	1.5E-09	1.1E-12	3.1E-16	3.2E-07
Benzo(b)fluoranthene	5.2E-14	3.5E-08	5.8E-14	3.2E-08	1.0E-13	1.2E-11	5.0E-10	1.5E-12	1.7E-10	2.4E-13	1.7E-18	6.8E-08
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	4.3E-17	2.3E-10	3.4E-15	2.1E-10	6.3E-15	1.1E-13	2.0E-12	1.4E-14	6.5E-13	1.5E-14	1.0E-18	4.4E-10
Biphenyl				2.3E-18	9.6E-17							9.8E-17
Chrysene	6.7E-16	1.4E-10	3.0E-14	1.3E-10	5.5E-14	4.8E-12	2.0E-10	6.0E-13	6.6E-11	9.5E-15	8.9E-18	5.4E-10
Dibenzo(a,h)anthracene	9.7E-14	6.2E-09	3.7E-12	5.6E-09	6.8E-12	1.9E-11	7.9E-10	2.4E-12	2.6E-10	4.5E-14	1.2E-16	1.3E-08
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	2.4E-14	8.8E-09	1.0E-12	8.0E-09	1.9E-12	5.8E-12	2.4E-10	7.3E-13	8.0E-11	5.9E-14	3.1E-17	1.7E-08
Napthalene						4.3E-10	1.8E-08	5.4E-11	6.0E-09			2.5E-08
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	3.6E-17	3.5E-18	6.9E-17	2.9E-18	1.2E-16	1.6E-13	6.5E-12	2.0E-14	2.2E-12	7.8E-20	6.8E-18	8.9E-12
Heptachlorobiphenyl	3.9E-17	1.1E-17	2.2E-16	9.7E-18	3.7E-16	6.2E-14	2.5E-12	7.7E-15	8.4E-13	1.4E-19	1.2E-17	3.4E-12
Hexachlorobiphenyl	1.6E-16	5.2E-17	9.3E-16	4.4E-17	1.6E-15	2.6E-13	1.0E-11	3.3E-14	3.4E-12	6.3E-19	5.0E-17	1.4E-11
Monochlorobiphenyl	2.6E-16	2.4E-17	4.8E-16	2.0E-17	8.1E-16	1.1E-12	4.6E-11	1.4E-13	1.5E-11	5.4E-19	4.8E-17	6.2E-11
Nonachlorobiphenyl	4.9E-18	2.0E-18	3.1E-17	1.7E-18	5.3E-17	8.8E-15	3.1E-13	1.1E-15	1.0E-13	2.5E-20	1.7E-18	4.2E-13
Octachlorobiphenyl	1.2E-17	3.7E-18	6.8E-17	3.1E-18	1.1E-16	1.9E-14	7.4E-13	2.4E-15	2.5E-13	4.5E-20	3.7E-18	1.0E-12
Pentachlorobiphenyl	5.3E-16	1.9E-16	3.2E-15	1.6E-16	5.4E-15	8.9E-13	3.4E-11	1.1E-13	1.1E-11	2.3E-18	1.7E-16	4.6E-11
Tetrachlorobiphenyl	1.1E-17	1.3E-18	2.2E-17	1.1E-18	3.8E-17	5.2E-14	1.9E-12	6.5E-15	6.5E-13	3.0E-20	2.2E-18	2.6E-12
Trichlorobiphenyl	1.4E-17	1.6E-18	2.8E-17	1.3E-18	4.8E-17	6.5E-14	2.5E-12	8.2E-15	8.5E-13	3.6E-20	2.8E-18	3.5E-12
Pesticides												
DDE				1.5E-09						1.4E-11		1.5E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene						8.2E-08						8.2E-08

Table H-721 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-dichlorobenzene												
1,4-dichlorobenzene	4.3E-20					1.4E-12	6.4E-11	1.8E-13	2.1E-11			8.7E-11
1,4-Dioxane						3.1E-08						3.1E-08
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	5.9E-16	8.1E-15	1.4E-13	9.5E-15	3.4E-13	3.9E-11	1.5E-09	4.9E-12	5.1E-10	8.0E-20	6.3E-18	2.1E-09
Butyl benzyl phthalate	2.9E-17	5.3E-19	1.1E-17	6.3E-19	2.6E-17							6.6E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	4.5E-17					8.4E-11	1.5E-09	1.0E-11	5.0E-10			2.1E-09
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	6.0E-21					8.6E-14	2.9E-12	1.1E-14	9.7E-13			4.0E-12
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	2.8E-18											2.8E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	6.4E-20					3.6E-12	6.3E-11	4.4E-13	2.1E-11			8.9E-11
1,2-Dichloroethane	9.1E-20					7.6E-08	2.3E-10	2.2E-09	7.8E-11			7.9E-08
1,3,5-Trimethylbenzene												

Table H-721 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												
Benzene	9.3E-18					5.6E-08	2.3E-08	6.5E-09	7.6E-09			9.3E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	1.7E-21					3.0E-13	5.4E-12	3.8E-14	1.8E-12			7.5E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	8.1E-22					7.6E-08	2.0E-12	7.9E-09	6.7E-13			8.4E-08
Chlorobenzene												
Chlorodibromomethane	1.3E-19											1.3E-19
Chloroethane												
Chloroform	7.5E-21					5.0E-08	7.5E-11	4.7E-09	2.5E-11			5.4E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	1.4E-18					2.1E-08	1.6E-09	5.2E-12	5.3E-10			2.3E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	4.4E-21					1.5E-14	5.7E-13	1.9E-15	1.9E-13			7.8E-13
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	1.2E-22					2.7E-15	9.4E-14	3.4E-16	3.1E-14			1.3E-13
Toluene												

Table H-721 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	2.7E-23					1.6E-09	4.6E-14	3.2E-16	1.5E-14			1.6E-09
Trichlorofluoromethane												
Vinyl chloride	3.0E-20					1.9E-12	4.5E-11	2.3E-13	1.5E-11			6.3E-11
Grand Total	2.7E-12	3.9E-07	1.8E-10	5.0E-07	1.3E-09	6.8E-06	3.2E-07	2.3E-08	1.1E-07	1.3E-09	1.7E-12	8.1E-06

Table H-722 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	1.5E-03	5.2E-06	5.0E-04			2.0E-03
Aldehydes												
Acetaldehyde						1.6E-04	5.8E-03	2.0E-05	1.9E-03			7.9E-03
Formaldehyde	2.3E-12					5.8E-01	2.1E-03	7.9E-06	6.9E-04			5.9E-01
Propionaldehyde						2.0E-05	7.2E-04	2.5E-06	2.4E-04	2.1E-12	1.5E-10	9.8E-04
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-06	3.1E-07	9.0E-06	1.3E-06	4.3E-05	1.6E-07	1.4E-05	1.8E-10	1.2E-08	7.0E-05
2,3,7,8-TCDF												
OCDD												
OCDF												
DNT												
2,4-Dinitrotoluene		2.0E-04		2.4E-04								4.4E-04
2,6-Dinitrotoluene		2.1E-03		2.5E-03								4.7E-03
HCN												
Hydrogen cyanide						2.0E-04	7.7E-03	2.5E-05	2.6E-03			1.1E-02

Table H-722 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Metals												
Aluminum				7.9E-03						7.7E-05		7.9E-03
Antimony	3.9E-14			7.6E-04								7.6E-04
Arsenic	2.7E-12	2.0E-03	1.6E-13	4.7E-03	7.6E-13	4.0E-05	1.4E-03	4.9E-06	4.7E-04	7.7E-06	2.7E-15	8.6E-03
Barium	1.4E-11			2.2E-08	7.5E-07	2.5E-04	6.8E-03	3.1E-05	2.3E-03	4.3E-10	3.2E-08	9.3E-03
Beryllium	1.7E-14			5.2E-13	2.0E-11	2.1E-06	7.3E-05	2.7E-07	2.4E-05	2.6E-15	2.1E-13	9.9E-05
Cadmium	8.3E-12			8.2E-13	3.1E-11	7.6E-05	2.6E-03	9.5E-06	8.8E-04	4.0E-15	3.4E-13	3.6E-03
Chromium	1.9E-15			6.4E-11	2.5E-09							2.6E-09
Cobalt				6.5E-02	4.7E-05	1.6E-03	3.0E-02	2.0E-04	9.9E-03	1.6E-04	2.6E-07	1.1E-01
Copper				1.1E-08	4.3E-07							4.4E-07
Iron				2.4E-02								2.4E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.6E-09	7.8E-08	2.8E-06	9.8E-09	9.2E-07	1.0E-14	7.1E-13	3.8E-06
Mercury, elemental						3.3E-10	1.2E-08	4.1E-11	3.8E-09	9.6E-05		9.6E-05
Methyl Mercury	1.3E-10			3.8E-11	1.5E-09							1.6E-09
Nickel	1.7E-13			2.0E-02	7.8E-12	3.9E-05	1.3E-03	4.8E-06	4.4E-04	2.2E-04	1.9E-13	2.2E-02
Phosphorus				3.7E-10	1.4E-08							1.4E-08
Selenium	5.5E-14			8.1E-15	3.1E-13	8.7E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-20	8.4E-18	4.2E-07
Silver	4.2E-14			1.7E-10	6.3E-09							6.5E-09
Thallium (Soluble Salts)				1.1E-02								1.1E-02
Titanium												
Zinc	1.4E-11			6.1E-13	2.2E-11							3.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	6.9E-14	3.1E-15	1.3E-13							2.0E-13
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	1.2E-12	5.2E-14	2.1E-12							3.4E-12
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												

Table H-722 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	2.8E-13	2.8E-04	1.2E-02	3.5E-05	3.9E-03	4.9E-12	4.5E-10	1.6E-02
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	3.4E-11	1.5E-12	6.3E-11							1.1E-10
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	2.1E-03	6.2E-06	6.9E-04			2.8E-03
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.9E-10	8.5E-12	3.5E-10							5.6E-10
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.8E-10	1.2E-11	4.7E-10							8.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	1.1E-10	4.9E-12	1.9E-10	9.8E-10	3.9E-08	1.2E-10	1.3E-08	3.8E-15	3.3E-13	5.4E-08
Hexachlorobiphenyl	4.7E-11	2.6E-11	4.7E-10	2.2E-11	8.0E-10	4.1E-06	1.6E-04	5.1E-07	5.3E-05	1.7E-11	1.4E-09	2.2E-04
Monochlorobiphenyl	6.1E-10	9.8E-11	2.0E-09	8.3E-11	3.3E-09							6.0E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.6E-11	8.6E-13	2.7E-11							4.6E-11
Octachlorobiphenyl	3.4E-12	1.9E-12	3.4E-11	1.6E-12	5.8E-11							9.9E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.6E-09	8.0E-11	2.7E-09	4.6E-05	1.7E-03	5.7E-06	5.7E-04	2.0E-10	1.5E-08	2.3E-03
Tetrachlorobiphenyl	2.6E-11	5.4E-12	9.1E-11	4.5E-12	1.5E-10	2.3E-07	8.7E-06	2.9E-08	2.9E-06	2.3E-13	1.7E-11	1.2E-05
Trichlorobiphenyl	3.4E-11	6.5E-12	1.2E-10	5.5E-12	2.0E-10							3.6E-10
Pesticides												
DDE												
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	4.3E-06	1.7E-08	1.4E-06			5.9E-06
1,2-dichlorobenzene	3.1E-17					5.4E-10	9.7E-09	6.8E-11	3.2E-09			1.4E-08
1,3-Butadiene						1.6E-02						1.6E-02

Table H-722 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	8.5E-08	2.4E-10	2.8E-08			1.2E-07
1,4-Dioxane						2.4E-03						2.4E-03
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	3.9E-06	1.2E-08	1.3E-06			5.3E-06
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	6.0E-09	4.0E-10	1.4E-08							2.1E-08
Butyl benzyl phthalate	8.8E-13	1.6E-14	3.3E-13	1.9E-14	7.9E-13							2.0E-12
Carbazole												
Dibenzofuran		1.4E-13	2.9E-12	5.7E-13	2.3E-11							2.6E-11
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	6.7E-13	3.9E-14	1.6E-12							1.9E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	8.7E-12	1.1E-12	2.1E-11							3.1E-11
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						4.1E-03						4.1E-03
Phenol	4.9E-13					1.5E-06	6.2E-05	1.9E-07	2.1E-05			8.5E-05
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	1.0E-09	3.3E-12	3.3E-10			1.4E-09
1,1-Dichloroethene	1.2E-19					1.3E-10	2.3E-09	1.6E-11	7.7E-10			3.2E-09
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	6.4E-06	4.5E-08	2.1E-06			9.0E-06
1,2,4-Trimethylbenzene						8.9E-07	2.8E-05	1.1E-07	9.4E-06			3.9E-05
1,2-Dibromoethane	4.1E-17					7.7E-09	1.4E-07	9.6E-10	4.6E-08			1.9E-07
1,2-Dichloroethane	1.9E-15					4.9E-03	1.5E-05	1.4E-04	5.0E-06			5.1E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15

Table H-722 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	2.6E-07	8.3E-10	8.7E-08			3.6E-07
2-Chlorotoluene												
2-Hexanone						2.3E-07	8.2E-06	2.8E-08	2.7E-06			1.1E-05
Benzene	4.9E-13					2.8E-03	1.1E-03	3.2E-04	3.8E-04			4.7E-03
Bromobenzene						6.2E-07	1.1E-05	7.8E-08	3.7E-06			1.5E-05
Bromochloromethane						2.2E-09	3.9E-08	2.8E-10	1.3E-08			5.5E-08
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	2.3E-05	9.5E-08	7.6E-06			3.1E-05
Carbon disulfide	1.3E-17					4.8E-09	1.4E-07	6.0E-10	4.7E-08			1.9E-07
Carbon tetrachloride	3.4E-17					1.5E-03	3.9E-08	1.5E-04	1.3E-08			1.6E-03
Chlorobenzene	2.3E-15					9.6E-08	3.4E-06	1.2E-08	1.1E-06			4.7E-06
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	3.2E-08	1.1E-10	1.1E-08			4.3E-08
Chloroform	2.8E-16					2.6E-04	3.9E-07	2.4E-05	1.3E-07			2.8E-04
Chloromethane						3.4E-07	1.0E-05	4.3E-08	3.5E-06			1.4E-05
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	9.1E-07	6.4E-09	3.0E-07			1.3E-06
Dichlorodifluoromethane	2.4E-20					2.5E-09	4.4E-08	3.1E-10	1.5E-08			6.2E-08
Ethylbenzene	1.5E-14					9.6E-05	7.4E-06	2.4E-08	2.5E-06			1.1E-04
Isopropylbenzene	2.0E-17					3.9E-08	1.3E-06	4.9E-09	4.5E-07			1.8E-06
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.1E-09	1.5E-11	7.1E-10			3.0E-09
Methylene chloride	4.3E-15					3.0E-08	1.1E-06	3.8E-09	3.7E-07			1.5E-06
n-Butylbenzene												
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07			4.2E-07
o-Xylene	1.4E-15					2.3E-07	7.6E-06	2.9E-08	2.5E-06			1.0E-05
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.9E-05	6.4E-08	6.2E-06			2.5E-05
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	1.1E-07	3.8E-10	3.5E-08			1.4E-07
Toluene	2.0E-14					6.3E-08	2.5E-06	7.9E-09	8.3E-07			3.4E-06

Table H-722 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.3E-03	6.5E-08	4.5E-10	2.2E-08			2.3E-03
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.2E-06	6.2E-09	4.0E-07			1.7E-06
Grand Total	5.0E-09	4.3E-03	1.1E-06	1.4E-01	5.8E-05	6.2E-01	7.7E-02	1.0E-03	2.6E-02	5.6E-04	3.2E-07	8.6E-01

Table H-723 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			2.7E-10	3.4E-11		3.1E-10
Formaldehyde			6.9E-10	8.6E-11		7.7E-10
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	1.4E-13	5.5E-13	2.8E-11	3.5E-12	7.8E-18	3.2E-11
1,2,3,4,6,7,8-HpCDF	1.4E-13	5.5E-13	2.8E-11	3.5E-12	7.9E-18	3.2E-11
1,2,3,4,7,8,9-HpCDF	1.6E-14	6.3E-14	3.5E-12	4.4E-13	9.1E-19	4.1E-12
1,2,3,4,7,8-HxCDD	1.6E-13	6.2E-13	3.3E-11	4.1E-12	8.9E-18	3.8E-11
1,2,3,4,7,8-HxCDF	1.2E-12	4.9E-12	2.7E-10	3.4E-11	7.0E-17	3.1E-10
1,2,3,6,7,8-HxCDD	3.2E-13	1.3E-12	7.0E-11	8.7E-12	1.8E-17	8.0E-11
1,2,3,6,7,8-HxCDF	4.1E-13	1.6E-12	8.7E-11	1.1E-11	2.3E-17	1.0E-10
1,2,3,7,8,9-HxCDD	5.1E-13	2.0E-12	1.1E-10	1.3E-11	2.9E-17	1.2E-10
1,2,3,7,8,9-HxCDF	2.9E-14	1.2E-13	6.7E-12	8.4E-13	1.6E-18	7.7E-12
1,2,3,7,8-PeCDD	1.8E-12	7.0E-12	4.2E-10	5.3E-11	1.0E-16	4.8E-10

Table H-723 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	1.0E-13	4.1E-13	3.0E-11	3.7E-12	5.9E-18	3.4E-11
2,3,4,6,7,8-HxCDF	6.4E-13	2.5E-12	1.4E-10	1.7E-11	3.6E-17	1.6E-10
2,3,4,7,8-PeCDF	2.5E-12	9.8E-12	6.7E-10	8.4E-11	1.4E-16	7.7E-10
2,3,7,8-TCDD	3.6E-13	1.4E-12	1.7E-10	2.1E-11	1.4E-14	1.9E-10
2,3,7,8-TCDF	6.6E-14	2.6E-13	6.2E-11	7.8E-12	3.7E-18	7.0E-11
OCDD	9.4E-16	3.7E-15	1.8E-13	2.3E-14	5.3E-20	2.1E-13
OCDF	3.6E-16	1.4E-15	6.9E-14	8.6E-15	2.0E-20	7.9E-14
HCN						
Hydrogen cyanide						
Metals						
Aluminum						
Antimony						
Arsenic	2.5E-08	5.9E-08	2.2E-10	2.7E-11	1.4E-11	8.5E-08
Barium						
Beryllium			8.8E-12	1.1E-12	1.1E-20	9.9E-12
Cadmium			1.2E-10	1.5E-11	6.2E-21	1.3E-10
Chromium						
Cobalt			7.6E-09	9.5E-10	6.8E-10	9.2E-09
Copper						
Iron						
Lead						
Manganese						
Mercury (+2)						

Table H-723 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental						
Methyl Mercury						
Nickel			7.7E-11	9.7E-12	4.3E-10	5.2E-10
Phosphorus						
Selenium						
Silver						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	5.9E-19	5.4E-19				1.1E-18
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	5.6E-07	5.1E-07	2.8E-11	3.5E-12	1.2E-09	1.1E-06
Benzo(a)pyrene	4.7E-06	4.3E-06	1.1E-10	1.4E-11	3.2E-11	9.0E-06
Benzo(b)fluoranthene	7.7E-07	7.0E-07	1.2E-11	1.5E-12	5.1E-12	1.5E-06
Benzo(e)pyrene						

Table H-723 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	4.1E-08	3.8E-08	1.1E-13	1.4E-14	2.8E-12	7.9E-08
Biphenyl		2.3E-18				2.3E-18
Chrysene	5.9E-09	5.4E-09	4.8E-12	6.0E-13	4.0E-13	1.1E-08
Dibenze(a,h)anthracene	9.1E-07	8.3E-07	1.9E-11	2.4E-12	6.7E-12	1.7E-06
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	1.2E-07	1.1E-07	5.8E-12	7.3E-13	8.1E-13	2.3E-07
Napthalene			4.3E-10	5.4E-11	7.2E-10	1.2E-09
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	3.5E-18	2.9E-18	1.6E-13	2.0E-14	7.8E-20	1.8E-13
Heptachlorobiphenyl	1.1E-17	9.7E-18	6.2E-14	7.7E-15	1.4E-19	7.0E-14
Hexachlorobiphenyl	5.2E-17	4.4E-17	2.6E-13	3.3E-14	6.3E-19	2.9E-13
Monochlorobiphenyl	2.4E-17	2.0E-17	1.1E-12	1.4E-13	5.4E-19	1.2E-12
Nonachlorobiphenyl	2.0E-18	1.7E-18	8.8E-15	1.1E-15	2.5E-20	9.9E-15
Octachlorobiphenyl	3.7E-18	3.1E-18	1.9E-14	2.4E-15	4.5E-20	2.1E-14

Table H-723 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Pentachlorobiphenyl	1.9E-16	1.6E-16	8.9E-13	1.1E-13	2.3E-18	1.0E-12
Tetrachlorobiphenyl	1.3E-18	1.1E-18	5.2E-14	6.5E-15	3.0E-20	5.8E-14
Trichlorobiphenyl	1.6E-18	1.3E-18	6.5E-14	8.2E-15	3.6E-20	7.4E-14
Pesticides						
DDE		1.9E-08			1.7E-10	1.9E-08
Dieldrin	8.4E-08	1.0E-07			1.4E-12	1.8E-07
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-Butadiene			7.0E-08			7.0E-08
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.4E-12	1.8E-13		1.6E-12
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	8.1E-15	9.5E-15	3.9E-11	4.9E-12	8.0E-20	4.4E-11
Butyl benzyl phthalate	5.3E-19	6.3E-19				1.2E-18

Table H-723 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			8.4E-11	1.0E-11		9.4E-11
Isopropanol						
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			8.6E-14	1.1E-14		9.6E-14
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			3.6E-12	4.4E-13		4.0E-12
1,2-Dichloroethane			6.2E-12	2.2E-09		2.2E-09
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						

Table H-723 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
2-Chlorotoluene						
2-Hexanone						
Benzene			7.3E-08	6.5E-09		8.0E-08
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			3.0E-13	3.8E-14		3.4E-13
Bromomethane						
Carbon disulfide						
Carbon tetrachloride			7.2E-08	7.9E-09		8.0E-08
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			6.3E-08	4.7E-09		6.8E-08
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			1.1E-08	5.2E-12		1.1E-08
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			1.5E-14	1.9E-15		1.7E-14

Table H-723 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethene			2.7E-15	3.4E-16		3.0E-15
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			1.3E-08	3.2E-16		1.3E-08
Trichlorofluoromethane						
Vinyl chloride			1.1E-09	2.3E-13		1.1E-09
Grand Total	7.2E-06	6.7E-06	3.2E-07	2.3E-08	3.2E-09	1.4E-05

Table H-724 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			4.2E-05	5.2E-06		4.7E-05
Aldehydes						
Acetaldehyde			1.6E-04	2.0E-05		1.8E-04
Formaldehyde			6.3E-05	7.9E-06		7.1E-05
Propionaldehyde			2.0E-05	2.5E-06	2.1E-12	2.2E-05
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-724 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	7.9E-08	3.1E-07	1.3E-06	1.6E-07	1.8E-10	1.8E-06
2,3,7,8-TCDF						
OCDD						
OCDF						
HCN						
Hydrogen cyanide			2.0E-04	2.5E-05		2.2E-04
Metals						
Aluminum		9.4E-03			9.2E-05	9.5E-03
Antimony		1.1E-03				1.1E-03
Arsenic	6.5E-04	1.5E-03	4.0E-05	4.9E-06	2.5E-06	2.2E-03
Barium		2.2E-08	2.5E-04	3.1E-05	4.3E-10	2.8E-04
Beryllium		5.2E-13	2.1E-06	2.7E-07	2.6E-15	2.4E-06
Cadmium		8.2E-13	7.6E-05	9.5E-06	4.0E-15	8.5E-05
Chromium		6.4E-11				6.4E-11
Cobalt		6.0E-02	1.6E-03	2.0E-04	1.5E-04	6.2E-02
Copper		1.1E-08				1.1E-08
Iron		2.5E-02				2.5E-02
Lead						
Manganese						
Mercury (+2)		2.1E-10	7.8E-08	9.8E-09	1.0E-14	8.8E-08

Table H-724 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental			3.3E-10	4.1E-11	1.4E-04	1.4E-04
Methyl Mercury		3.8E-11				3.8E-11
Nickel		2.0E-02	3.9E-05	4.8E-06	2.2E-04	2.0E-02
Phosphorus		3.7E-10				3.7E-10
Selenium		8.1E-15	8.7E-09	1.1E-09	9.9E-20	9.8E-09
Silver		1.7E-10				1.7E-10
Titanium						
Zinc		6.1E-13				6.1E-13
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.4E-15	3.1E-15				6.5E-15
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	5.8E-14	5.2E-14				1.1E-13
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						
Benzo(e)pyrene						

Table H-724 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						
Biphenyl		6.7E-15	2.8E-04	3.5E-05	4.9E-12	3.1E-04
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	1.7E-12	1.5E-12				3.2E-12
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene	9.4E-06	8.5E-06	5.0E-05	6.2E-06	8.2E-05	1.6E-04
Perylene						
Phenanthrene						
Pyrene	9.3E-12	8.5E-12				1.8E-11
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	1.4E-11	1.2E-11				2.6E-11
Heptachlorobiphenyl	5.8E-12	4.9E-12	9.8E-10	1.2E-10	3.8E-15	1.1E-09
Hexachlorobiphenyl	2.6E-11	2.2E-11	4.1E-06	5.1E-07	1.7E-11	4.6E-06
Monochlorobiphenyl	9.8E-11	8.3E-11				1.8E-10
Nonachlorobiphenyl	1.0E-12	8.6E-13				1.9E-12
Octachlorobiphenyl	1.9E-12	1.6E-12				3.5E-12

Table H-724 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Pentachlorobiphenyl	9.4E-11	8.0E-11	4.6E-05	5.7E-06	2.0E-10	5.1E-05
Tetrachlorobiphenyl	5.4E-12	4.5E-12	2.3E-07	2.9E-08	2.3E-13	2.6E-07
Trichlorobiphenyl	6.5E-12	5.5E-12				1.2E-11
Pesticides						
DDE						
Dieldrin	1.2E-03	1.5E-03				2.7E-03
SVOCs						
1,2,4-trichlorobenzene			1.3E-07	1.7E-08		1.5E-07
1,2-dichlorobenzene			5.4E-10	6.8E-11		6.1E-10
1,3-Butadiene			1.4E-02			1.4E-02
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.9E-09	2.4E-10		2.1E-09
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			9.3E-08	1.2E-08		1.0E-07
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-10	4.0E-10				7.4E-10
Butyl benzyl phthalate	1.6E-14	1.9E-14				3.6E-14

Table H-724 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbazole						
Dibenzofuran	1.4E-13	5.7E-13				7.1E-13
Dimethyl phthalate						
Di-n-butyl phthalate	3.3E-14	3.9E-14				7.1E-14
Di-n-octyl phthalate	9.4E-13	1.1E-12				2.1E-12
Hexachlorobutadiene						
Isopropanol			1.6E-02			1.6E-02
Phenol			1.5E-06	1.9E-07		1.7E-06
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			2.7E-11	3.3E-12		3.0E-11
1,1-Dichloroethene			1.3E-10	1.6E-11		1.5E-10
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.6E-07	4.5E-08		4.1E-07
1,2,4-Trimethylbenzene			8.9E-07	1.1E-07		1.0E-06
1,2-Dibromoethane			7.7E-09	9.6E-10		8.6E-09
1,2-Dichloroethane			4.0E-07	1.4E-04		1.4E-04
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone			6.6E-09	8.3E-10		7.4E-09

Table H-724 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
2-Chlorotoluene						
2-Hexanone			2.3E-07	2.8E-08		2.5E-07
Benzene			3.7E-03	3.2E-04		4.0E-03
Bromobenzene			6.2E-07	7.8E-08		7.0E-07
Bromochloromethane			2.2E-09	2.8E-10		2.5E-09
Bromodichloromethane						
Bromomethane			7.6E-07	9.5E-08		8.6E-07
Carbon disulfide			4.8E-09	6.0E-10		5.4E-09
Carbon tetrachloride			1.4E-03	1.5E-04		1.5E-03
Chlorobenzene			9.6E-08	1.2E-08		1.1E-07
Chlorodibromomethane						
Chloroethane			9.1E-10	1.1E-10		1.0E-09
Chloroform			3.3E-04	2.4E-05		3.5E-04
Chloromethane			3.4E-07	4.3E-08		3.9E-07
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			5.1E-08	6.4E-09		5.7E-08
Dichlorodifluoromethane			2.5E-09	3.1E-10		2.8E-09
Ethylbenzene			5.3E-05	2.4E-08		5.3E-05
Isopropylbenzene			3.9E-08	4.9E-09		4.4E-08
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.2E-10	1.5E-11		1.3E-10
Methylene chloride			3.0E-08	3.8E-09		3.4E-08

Table H-724 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene			9.4E-09	1.2E-09		1.1E-08
o-Xylene			2.3E-07	2.9E-08		2.6E-07
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			5.1E-07	6.4E-08		5.7E-07
tert-Butylbenzene						
Tetrachloroethene			3.0E-09	3.8E-10		3.4E-09
Toluene			6.3E-08	7.9E-09		7.1E-08
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			1.8E-02	4.5E-10		1.8E-02
Trichlorofluoromethane						
Vinyl chloride			3.0E-05	6.2E-09		3.0E-05
Grand Total	1.9E-03	1.2E-01	5.6E-02	1.0E-03	6.9E-04	1.8E-01

Table H-725 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						2.7E-10	6.3E-10	3.4E-11	3.4E-11			9.7E-10
Formaldehyde						6.9E-10	1.6E-09	8.6E-11	8.6E-11			2.4E-09
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.4E-16	1.4E-13	1.9E-13	5.5E-13	1.5E-12	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.8E-18	4.8E-17	1.0E-10
1,2,3,4,6,7,8-HpCDF	1.3E-16	1.4E-13	2.0E-13	5.5E-13	1.5E-12	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.9E-18	4.9E-17	1.0E-10
1,2,3,4,7,8,9-HpCDF	2.0E-17	1.6E-14	2.2E-14	6.3E-14	1.8E-13	3.5E-12	8.2E-12	4.4E-13	4.4E-13	9.1E-19	5.6E-18	1.3E-11
1,2,3,4,7,8-HxCDD	1.6E-15	1.6E-13	2.2E-13	6.2E-13	1.7E-12	3.3E-11	7.6E-11	4.1E-12	4.1E-12	8.9E-18	5.5E-17	1.2E-10
1,2,3,4,7,8-HxCDF	1.1E-14	1.2E-12	1.7E-12	4.9E-12	1.4E-11	2.7E-10	6.2E-10	3.4E-11	3.4E-11	7.0E-17	4.3E-16	9.8E-10
1,2,3,6,7,8-HxCDD	3.0E-15	3.2E-13	4.5E-13	1.3E-12	3.5E-12	7.0E-11	1.6E-10	8.7E-12	8.7E-12	1.8E-17	1.1E-16	2.5E-10
1,2,3,6,7,8-HxCDF	3.9E-15	4.1E-13	5.7E-13	1.6E-12	4.5E-12	8.7E-11	2.0E-10	1.1E-11	1.1E-11	2.3E-17	1.4E-16	3.2E-10
1,2,3,7,8,9-HxCDD	4.3E-15	5.1E-13	7.1E-13	2.0E-12	5.6E-12	1.1E-10	2.4E-10	1.3E-11	1.3E-11	2.9E-17	1.8E-16	3.9E-10
1,2,3,7,8,9-HxCDF	3.2E-16	2.9E-14	4.1E-14	1.2E-13	3.2E-13	6.7E-12	1.5E-11	8.4E-13	8.4E-13	1.6E-18	1.0E-17	2.4E-11
1,2,3,7,8-PeCDD	8.2E-14	1.8E-12	2.5E-12	7.0E-12	2.0E-11	4.2E-10	9.7E-10	5.3E-11	5.3E-11	1.0E-16	6.2E-16	1.5E-09
1,2,3,7,8-PeCDF	5.7E-15	1.0E-13	1.5E-13	4.1E-13	1.2E-12	3.0E-11	6.9E-11	3.7E-12	3.7E-12	5.9E-18	3.6E-17	1.1E-10
2,3,4,6,7,8-HxCDF	5.7E-15	6.4E-13	8.9E-13	2.5E-12	7.0E-12	1.4E-10	3.1E-10	1.7E-11	1.7E-11	3.6E-17	2.2E-16	4.9E-10
2,3,4,7,8-PeCDF	9.1E-14	2.5E-12	3.5E-12	9.8E-12	2.8E-11	6.7E-10	1.6E-09	8.4E-11	8.4E-11	1.4E-16	8.7E-16	2.4E-09
2,3,7,8-TCDD	2.8E-14	3.6E-13	5.0E-13	1.4E-12	4.0E-12	1.7E-10	3.9E-10	2.1E-11	2.1E-11	1.4E-14	8.7E-14	6.1E-10
2,3,7,8-TCDF	8.9E-15	6.6E-14	9.2E-14	2.6E-13	7.3E-13	6.2E-11	1.4E-10	7.8E-12	7.8E-12	3.7E-18	2.3E-17	2.2E-10
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	1.8E-13	4.2E-13	2.3E-14	2.3E-14	5.3E-20	3.3E-19	6.7E-13
OCDF	6.9E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	6.9E-14	1.6E-13	8.6E-15	8.6E-15	2.0E-20	1.3E-19	2.5E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-725 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.0E-16	2.5E-08	3.0E-08	5.9E-08	1.4E-07	2.2E-10	5.1E-10	2.7E-11	2.7E-11	1.4E-11	7.2E-11	2.5E-07
Barium												
Beryllium						8.8E-12	2.0E-11	1.1E-12	1.1E-12	1.1E-20	6.5E-20	3.1E-11
Cadmium						1.2E-10	2.7E-10	1.5E-11	1.5E-11	6.2E-21	3.8E-20	4.2E-10
Chromium												
Cobalt						7.6E-09	1.8E-08	9.5E-10	9.5E-10	6.8E-10	3.1E-09	3.1E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						7.7E-11	1.8E-10	9.7E-12	9.7E-12	4.3E-10	1.7E-09	2.4E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		5.9E-19	8.3E-19	5.4E-19	1.5E-18							3.5E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	3.9E-13	5.6E-07	3.2E-08	5.1E-07	5.8E-08	2.8E-11	6.5E-11	3.5E-12	3.5E-12	1.2E-09	7.1E-09	1.2E-06
Benzo(a)pyrene	1.9E-12	4.7E-06	3.5E-07	4.3E-06	6.4E-07	1.1E-10	2.6E-10	1.4E-11	1.4E-11	3.2E-11	1.0E-11	1.0E-05
Benzo(b)fluoranthene	5.2E-14	7.7E-07	4.9E-08	7.0E-07	9.0E-08	1.2E-11	2.9E-11	1.5E-12	1.5E-12	5.1E-12	1.5E-12	1.6E-06
Benzo(e)pyrene												

Table H-725 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	4.3E-17	4.1E-08	2.5E-09	3.8E-08	4.5E-09	1.1E-13	2.5E-13	1.4E-14	1.4E-14	2.8E-12	7.4E-13	8.6E-08
Biphenyl				2.3E-18	6.4E-18							8.7E-18
Chrysene	6.7E-16	5.9E-09	3.6E-10	5.4E-09	6.5E-10	4.8E-12	1.1E-11	6.0E-13	6.0E-13	4.0E-13	1.1E-13	1.2E-08
Dibenze(a,h)anthracene	9.7E-14	9.1E-07	8.7E-08	8.3E-07	1.6E-07	1.9E-11	4.4E-11	2.4E-12	2.4E-12	6.7E-12	2.8E-12	2.0E-06
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	2.4E-14	1.2E-07	2.3E-08	1.1E-07	4.1E-08	5.8E-12	1.3E-11	7.3E-13	7.3E-13	8.1E-13	6.7E-13	2.9E-07
Napthalene						4.3E-10	1.0E-09	5.4E-11	5.4E-11	7.2E-10	4.4E-09	6.7E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	3.6E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	1.6E-13	3.7E-13	2.0E-14	2.0E-14	7.8E-20	4.8E-19	5.7E-13
Heptachlorobiphenyl	3.9E-17	1.1E-17	1.6E-17	9.7E-18	2.7E-17	6.2E-14	1.4E-13	7.7E-15	7.7E-15	1.4E-19	8.6E-19	2.2E-13
Hexachlorobiphenyl	1.6E-16	5.2E-17	7.2E-17	4.4E-17	1.2E-16	2.6E-13	6.0E-13	3.3E-14	3.3E-14	6.3E-19	3.9E-18	9.3E-13
Monochlorobiphenyl	2.6E-16	2.4E-17	3.4E-17	2.0E-17	5.7E-17	1.1E-12	2.6E-12	1.4E-13	1.4E-13	5.4E-19	3.3E-18	4.0E-12
Nonachlorobiphenyl	4.9E-18	2.0E-18	2.8E-18	1.7E-18	4.8E-18	8.8E-15	2.0E-14	1.1E-15	1.1E-15	2.5E-20	1.5E-19	3.1E-14
Octachlorobiphenyl	1.2E-17	3.7E-18	5.2E-18	3.1E-18	8.8E-18	1.9E-14	4.4E-14	2.4E-15	2.4E-15	4.5E-20	2.8E-19	6.8E-14
Pentachlorobiphenyl	5.3E-16	1.9E-16	2.6E-16	1.6E-16	4.4E-16	8.9E-13	2.1E-12	1.1E-13	1.1E-13	2.3E-18	1.4E-17	3.2E-12
Tetrachlorobiphenyl	1.1E-17	1.3E-18	1.8E-18	1.1E-18	3.1E-18	5.2E-14	1.2E-13	6.5E-15	6.5E-15	3.0E-20	1.8E-19	1.8E-13
Trichlorobiphenyl	1.4E-17	1.6E-18	2.2E-18	1.3E-18	3.8E-18	6.5E-14	1.5E-13	8.2E-15	8.2E-15	3.6E-20	2.2E-19	2.3E-13
Pesticides												
DDE				1.9E-08	6.4E-09					1.7E-10	1.0E-09	2.6E-08
Dieldrin		8.4E-08	1.4E-08	1.0E-07	3.2E-08					1.4E-12	1.0E-12	2.3E-07
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene						7.0E-08						7.0E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	4.3E-20					1.4E-12	3.3E-12	1.8E-13	1.8E-13			5.1E-12

Table H-725 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	5.9E-16	8.1E-15	1.1E-14	9.5E-15	2.7E-14	3.9E-11	9.0E-11	4.9E-12	4.9E-12	8.0E-20	4.9E-19	1.4E-10
Butyl benzyl phthalate	2.9E-17	5.3E-19	7.4E-19	6.3E-19	1.8E-18							3.2E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	4.5E-17					8.4E-11	1.9E-10	1.0E-11	1.0E-11			3.0E-10
Isopropanol												
p-Chloroaniline			5.6E-09		1.3E-08							1.9E-08
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	6.0E-21					8.6E-14	2.0E-13	1.1E-14	1.1E-14			3.0E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	2.8E-18											2.8E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	6.4E-20					3.6E-12	8.2E-12	4.4E-13	4.4E-13			1.3E-11
1,2-Dichloroethane	9.1E-20					6.2E-12	9.8E-08	2.2E-09	2.2E-09			1.0E-07
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												

Table H-725 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorotoluene												
2-Hexanone												
Benzene	9.3E-18					7.3E-08	1.8E-07	6.5E-09	6.5E-09			2.7E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	1.7E-21					3.0E-13	1.1E-06	3.8E-14	3.8E-14			1.1E-06
Bromoform							1.4E-07					1.4E-07
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	8.1E-22					7.2E-08	2.0E-07	7.9E-09	7.9E-09			2.9E-07
Chlorobenzene												
Chlorodibromomethane	1.3E-19											1.3E-19
Chloroethane												
Chloroform	7.5E-21					6.3E-08	1.6E-06	4.7E-09	4.7E-09			1.6E-06
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	1.4E-18					1.1E-08	4.7E-08	5.2E-12	5.2E-12			5.9E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	4.4E-21					1.5E-14	3.6E-14	1.9E-15	1.9E-15			5.5E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	1.2E-22					2.7E-15	6.2E-15	3.4E-16	3.4E-16			9.6E-15
Toluene												
trans-1,2-Dichloroethene												

Table H-725 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,3-Dichloropropene												
Trichloroethene	2.7E-23					1.3E-08	1.6E-07	3.2E-16	3.2E-16			1.7E-07
Trichlorofluoromethane												
Vinyl chloride	3.0E-20					1.1E-09	4.3E-12	2.3E-13	2.3E-13			1.1E-09
Grand Total	2.7E-12	7.2E-06	5.9E-07	6.7E-06	1.2E-06	3.2E-07	3.5E-06	2.3E-08	2.3E-08	3.2E-09	1.7E-08	2.0E-05

Table H-726 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					6.3E-05	1.5E-04	7.9E-06	7.9E-06			2.2E-04
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				9.4E-03	2.0E-02					9.2E-05	4.2E-04	3.0E-02
Antimony	3.9E-14			1.1E-03	3.6E-03							4.7E-03

Table H-726 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	6.5E-04	7.7E-04	1.5E-03	3.6E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	2.5E-06	1.3E-05	6.7E-03
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				6.0E-02	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	1.5E-04	6.6E-04	1.9E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				2.5E-02	5.4E-02							7.8E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.4E-04	8.9E-04	1.0E-03
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.0E-02	3.5E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	2.2E-04	8.5E-04	5.7E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Thallium (Soluble Salts)					1.7E-02							1.7E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-726 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12	9.4E-06		8.5E-06		5.0E-05	1.1E-04	6.2E-06	6.2E-06	8.2E-05	5.0E-04	7.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
DDE												
Dieldrin		1.2E-03	2.0E-04	1.5E-03	4.7E-04							3.4E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.4E-02						1.4E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09

Table H-726 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.6E-02	1.1E-02					2.7E-02
p-Chloroaniline			8.2E-05		1.9E-04							2.8E-04
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	6.3E-03	1.4E-04	1.4E-04			6.5E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08

Table H-726 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					3.7E-03	9.0E-03	3.2E-04	3.2E-04			1.3E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromoform												
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.4E-03	3.9E-03	1.5E-04	1.5E-04			5.6E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					3.3E-04	8.1E-03	2.4E-05	2.4E-05			8.4E-03
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					5.3E-05	2.2E-04	2.4E-08	2.4E-08			2.7E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15

Table H-726 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					1.8E-02	2.2E-01	4.5E-10	4.5E-10			2.4E-01
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					3.0E-05	1.1E-07	6.2E-09	6.2E-09			3.0E-05
Grand Total	5.0E-09	1.9E-03	1.0E-03	1.2E-01	2.6E-01	5.6E-02	2.7E-01	1.0E-03	1.0E-03	6.9E-04	3.3E-03	7.1E-01

Table H-727 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						2.7E-10	6.3E-10	3.4E-11	3.4E-11			9.7E-10
Formaldehyde						6.9E-10	4.4E-05	8.6E-11	8.6E-11			4.4E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.4E-16	1.4E-13	1.9E-13	5.5E-13	1.5E-12	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.8E-18	4.8E-17	1.0E-10
1,2,3,4,6,7,8-HpCDF	1.3E-16	1.4E-13	2.0E-13	5.5E-13	1.5E-12	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.9E-18	4.9E-17	1.0E-10
1,2,3,4,7,8,9-HpCDF	2.0E-17	1.6E-14	2.2E-14	6.3E-14	1.8E-13	3.5E-12	8.2E-12	4.4E-13	4.4E-13	9.1E-19	5.6E-18	1.3E-11
1,2,3,4,7,8-HxCDD	1.6E-15	1.6E-13	2.2E-13	6.2E-13	1.7E-12	3.3E-11	7.6E-11	4.1E-12	4.1E-12	8.9E-18	5.5E-17	1.2E-10
1,2,3,4,7,8-HxCDF	1.1E-14	1.2E-12	1.7E-12	4.9E-12	1.4E-11	2.7E-10	6.2E-10	3.4E-11	3.4E-11	7.0E-17	4.3E-16	9.8E-10
1,2,3,6,7,8-HxCDD	3.0E-15	3.2E-13	4.5E-13	1.3E-12	3.5E-12	7.0E-11	1.6E-10	8.7E-12	8.7E-12	1.8E-17	1.1E-16	2.5E-10
1,2,3,6,7,8-HxCDF	3.9E-15	4.1E-13	5.7E-13	1.6E-12	4.5E-12	8.7E-11	2.0E-10	1.1E-11	1.1E-11	2.3E-17	1.4E-16	3.2E-10
1,2,3,7,8,9-HxCDD	4.3E-15	5.1E-13	7.1E-13	2.0E-12	5.6E-12	1.1E-10	2.4E-10	1.3E-11	1.3E-11	2.9E-17	1.8E-16	3.9E-10
1,2,3,7,8,9-HxCDF	3.2E-16	2.9E-14	4.1E-14	1.2E-13	3.2E-13	6.7E-12	1.5E-11	8.4E-13	8.4E-13	1.6E-18	1.0E-17	2.4E-11
1,2,3,7,8-PeCDD	8.2E-14	1.8E-12	2.5E-12	7.0E-12	2.0E-11	4.2E-10	9.7E-10	5.3E-11	5.3E-11	1.0E-16	6.2E-16	1.5E-09
1,2,3,7,8-PeCDF	5.7E-15	1.0E-13	1.5E-13	4.1E-13	1.2E-12	3.0E-11	6.9E-11	3.7E-12	3.7E-12	5.9E-18	3.6E-17	1.1E-10
2,3,4,6,7,8-HxCDF	5.7E-15	6.4E-13	8.9E-13	2.5E-12	7.0E-12	1.4E-10	3.1E-10	1.7E-11	1.7E-11	3.6E-17	2.2E-16	4.9E-10
2,3,4,7,8-PeCDF	9.1E-14	2.5E-12	3.5E-12	9.8E-12	2.8E-11	6.7E-10	1.6E-09	8.4E-11	8.4E-11	1.4E-16	8.7E-16	2.4E-09
2,3,7,8-TCDD	2.8E-14	3.6E-13	5.0E-13	1.4E-12	4.0E-12	1.7E-10	3.9E-10	2.1E-11	2.1E-11	1.4E-14	8.7E-14	6.1E-10
2,3,7,8-TCDF	8.9E-15	6.6E-14	9.2E-14	2.6E-13	7.3E-13	6.2E-11	1.4E-10	7.8E-12	7.8E-12	3.7E-18	2.3E-17	2.2E-10
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	1.8E-13	4.2E-13	2.3E-14	2.3E-14	5.3E-20	3.3E-19	6.7E-13
OCDF	6.9E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	6.9E-14	1.6E-13	8.6E-15	8.6E-15	2.0E-20	1.3E-19	2.5E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-727 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.0E-16	2.5E-08	5.9E-08	5.9E-08	2.8E-07	2.2E-10	5.1E-10	2.7E-11	2.7E-11	1.4E-11	1.4E-10	4.2E-07
Barium												
Beryllium						8.8E-12	2.0E-11	1.1E-12	1.1E-12	1.1E-20	6.5E-20	3.1E-11
Cadmium						1.2E-10	2.7E-10	1.5E-11	1.5E-11	6.2E-21	3.8E-20	4.2E-10
Chromium												
Cobalt						7.6E-09	1.8E-08	9.5E-10	9.5E-10	6.8E-10	3.1E-09	3.1E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						7.7E-11	1.8E-10	9.7E-12	9.7E-12	4.3E-10	1.9E-09	2.6E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		5.9E-19	8.3E-19	5.4E-19	1.5E-18							3.5E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	3.9E-13	5.6E-07	1.6E-13	5.1E-07	2.9E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	1.2E-09	7.1E-09	1.1E-06
Benzo(a)pyrene	1.9E-12	4.7E-06	7.2E-13	4.3E-06	1.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	3.2E-11	2.1E-17	9.0E-06
Benzo(b)fluoranthene	5.2E-14	7.7E-07	4.2E-15	7.0E-07	7.6E-15	1.2E-11	2.9E-11	1.5E-12	1.5E-12	5.1E-12	1.2E-19	1.5E-06
Benzo(e)pyrene												

Table H-727 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	4.3E-17	4.1E-08	5.2E-16	3.8E-08	9.5E-16	1.1E-13	2.5E-13	1.4E-14	1.4E-14	2.8E-12	1.5E-19	7.9E-08
Biphenyl				2.3E-18	6.4E-18							8.7E-18
Chrysene	6.7E-16	5.9E-09	2.1E-15	5.4E-09	3.8E-15	4.8E-12	1.1E-11	6.0E-13	6.0E-13	4.0E-13	6.2E-19	1.1E-08
Dibenze(a,h)anthracene	9.7E-14	9.1E-07	2.6E-13	8.3E-07	4.8E-13	1.9E-11	4.4E-11	2.4E-12	2.4E-12	6.7E-12	8.5E-18	1.7E-06
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	2.4E-14	1.2E-07	7.3E-14	1.1E-07	1.3E-13	5.8E-12	1.3E-11	7.3E-13	7.3E-13	8.1E-13	2.1E-18	2.3E-07
Napthalene						4.3E-10	1.0E-09	5.4E-11	5.4E-11	7.2E-10	4.4E-09	6.7E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	3.6E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	1.6E-13	3.7E-13	2.0E-14	2.0E-14	7.8E-20	4.8E-19	5.7E-13
Heptachlorobiphenyl	3.9E-17	1.1E-17	1.6E-17	9.7E-18	2.7E-17	6.2E-14	1.4E-13	7.7E-15	7.7E-15	1.4E-19	8.6E-19	2.2E-13
Hexachlorobiphenyl	1.6E-16	5.2E-17	7.2E-17	4.4E-17	1.2E-16	2.6E-13	6.0E-13	3.3E-14	3.3E-14	6.3E-19	3.9E-18	9.3E-13
Monochlorobiphenyl	2.6E-16	2.4E-17	3.4E-17	2.0E-17	5.7E-17	1.1E-12	2.6E-12	1.4E-13	1.4E-13	5.4E-19	3.3E-18	4.0E-12
Nonachlorobiphenyl	4.9E-18	2.0E-18	2.8E-18	1.7E-18	4.8E-18	8.8E-15	2.0E-14	1.1E-15	1.1E-15	2.5E-20	1.5E-19	3.1E-14
Octachlorobiphenyl	1.2E-17	3.7E-18	5.2E-18	3.1E-18	8.8E-18	1.9E-14	4.4E-14	2.4E-15	2.4E-15	4.5E-20	2.8E-19	6.8E-14
Pentachlorobiphenyl	5.3E-16	1.9E-16	2.6E-16	1.6E-16	4.4E-16	8.9E-13	2.1E-12	1.1E-13	1.1E-13	2.3E-18	1.4E-17	3.2E-12
Tetrachlorobiphenyl	1.1E-17	1.3E-18	1.8E-18	1.1E-18	3.1E-18	5.2E-14	1.2E-13	6.5E-15	6.5E-15	3.0E-20	1.8E-19	1.8E-13
Trichlorobiphenyl	1.4E-17	1.6E-18	2.2E-18	1.3E-18	3.8E-18	6.5E-14	1.5E-13	8.2E-15	8.2E-15	3.6E-20	2.2E-19	2.3E-13
Pesticides												
DDE				1.9E-08	2.3E-09					1.7E-10	1.0E-09	2.2E-08
Dieldrin		8.4E-08		1.0E-07						1.4E-12		1.8E-07
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene						7.0E-08						7.0E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	4.3E-20					1.4E-12	3.3E-12	1.8E-13	1.8E-13			5.1E-12

Table H-727 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	5.9E-16	8.1E-15	1.1E-14	9.5E-15	2.7E-14	3.9E-11	9.0E-11	4.9E-12	4.9E-12	8.0E-20	4.9E-19	1.4E-10
Butyl benzyl phthalate	2.9E-17	5.3E-19	7.4E-19	6.3E-19	1.8E-18							3.2E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	4.5E-17					8.4E-11	1.9E-10	1.0E-11	1.0E-11			3.0E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	6.0E-21					8.6E-14	2.0E-13	1.1E-14	1.1E-14			3.0E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	2.8E-18											2.8E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	6.4E-20					3.6E-12	8.2E-12	4.4E-13	4.4E-13			1.3E-11
1,2-Dichloroethane	9.1E-20					6.2E-12	1.4E-11	2.2E-09	2.2E-09			4.5E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												

Table H-727 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone												
Benzene	9.3E-18					7.3E-08	1.3E-09	6.5E-09	6.5E-09			8.8E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	1.7E-21					3.0E-13	7.0E-13	3.8E-14	3.8E-14			1.1E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	8.1E-22					7.2E-08	2.6E-13	7.9E-09	7.9E-09			8.7E-08
Chlorobenzene												
Chlorodibromomethane	1.3E-19											1.3E-19
Chloroethane												
Chloroform	7.5E-21					6.3E-08	8.9E-12	4.7E-09	4.7E-09			7.2E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	1.4E-18					1.1E-08	9.7E-11	5.2E-12	5.2E-12			1.1E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	4.4E-21					1.5E-14	3.6E-14	1.9E-15	1.9E-15			5.5E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	1.2E-22					2.7E-15	6.2E-15	3.4E-16	3.4E-16			9.6E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	2.7E-23					1.3E-08	5.9E-15	3.2E-16	3.2E-16			1.3E-08

Table H-727 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane												
Vinyl chloride	3.0E-20					1.1E-09	4.3E-12	2.3E-13	2.3E-13			1.1E-09
Grand Total	2.7E-12	7.2E-06	5.9E-08	6.7E-06	2.8E-07	3.2E-07	4.4E-05	2.3E-08	2.3E-08	3.2E-09	1.8E-08	5.9E-05

Table H-728 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					6.3E-05	4.0E+00	7.9E-06	7.9E-06			4.0E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				9.4E-03	2.4E-02					9.2E-05	5.1E-04	3.4E-02
Antimony	3.9E-14			1.1E-03	1.2E-03							2.3E-03

Table H-728 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	6.5E-04	1.5E-03	1.5E-03	7.2E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	2.5E-06	2.6E-05	1.1E-02
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				6.0E-02	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	1.5E-04	6.7E-04	1.9E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				2.5E-02	5.7E-02							8.1E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.4E-04	8.9E-04	1.0E-03
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.0E-02	4.0E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	2.2E-04	9.5E-04	6.1E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Thallium (Soluble Salts)					1.4E-02							1.4E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-728 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12	9.4E-06		8.5E-06		5.0E-05	1.1E-04	6.2E-06	6.2E-06	8.2E-05	5.0E-04	7.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
DDE												
Dieldrin		1.2E-03		1.5E-03								2.7E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.4E-02						1.4E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09

Table H-728 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.6E-02						1.6E-02
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	9.1E-07	1.4E-04	1.4E-04			2.9E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												

Table H-728 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					3.7E-03	6.7E-05	3.2E-04	3.2E-04			4.4E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.4E-03	5.0E-09	1.5E-04	1.5E-04			1.7E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					3.3E-04	4.6E-08	2.4E-05	2.4E-05			3.8E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					5.3E-05	4.5E-07	2.4E-08	2.4E-08			5.3E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					1.8E-02	8.4E-09	4.5E-10	4.5E-10			1.8E-02

Table H-728 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					3.0E-05	1.1E-07	6.2E-09	6.2E-09			3.0E-05
Grand Total	5.0E-09	1.9E-03	1.5E-03	1.2E-01	2.7E-01	5.6E-02	4.0E+00	1.0E-03	1.0E-03	6.9E-04	3.6E-03	4.5E+00

Table H-729 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						2.7E-10	6.3E-10	3.4E-11	3.4E-11			9.7E-10
Formaldehyde						6.9E-10	3.0E-05	8.6E-11	8.6E-11			3.0E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.4E-16	1.4E-13	1.9E-13	5.5E-13	1.5E-12	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.8E-18	4.8E-17	1.0E-10
1,2,3,4,6,7,8-HpCDF	1.3E-16	1.4E-13	2.0E-13	5.5E-13	1.5E-12	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.9E-18	4.9E-17	1.0E-10
1,2,3,4,7,8,9-HpCDF	2.0E-17	1.6E-14	2.2E-14	6.3E-14	1.8E-13	3.5E-12	8.2E-12	4.4E-13	4.4E-13	9.1E-19	5.6E-18	1.3E-11
1,2,3,4,7,8-HxCDD	1.6E-15	1.6E-13	2.2E-13	6.2E-13	1.7E-12	3.3E-11	7.6E-11	4.1E-12	4.1E-12	8.9E-18	5.5E-17	1.2E-10
1,2,3,4,7,8-HxCDF	1.1E-14	1.2E-12	1.7E-12	4.9E-12	1.4E-11	2.7E-10	6.2E-10	3.4E-11	3.4E-11	7.0E-17	4.3E-16	9.8E-10
1,2,3,6,7,8-HxCDD	3.0E-15	3.2E-13	4.5E-13	1.3E-12	3.5E-12	7.0E-11	1.6E-10	8.7E-12	8.7E-12	1.8E-17	1.1E-16	2.5E-10
1,2,3,6,7,8-HxCDF	3.9E-15	4.1E-13	5.7E-13	1.6E-12	4.5E-12	8.7E-11	2.0E-10	1.1E-11	1.1E-11	2.3E-17	1.4E-16	3.2E-10
1,2,3,7,8,9-HxCDD	4.3E-15	5.1E-13	7.1E-13	2.0E-12	5.6E-12	1.1E-10	2.4E-10	1.3E-11	1.3E-11	2.9E-17	1.8E-16	3.9E-10
1,2,3,7,8,9-HxCDF	3.2E-16	2.9E-14	4.1E-14	1.2E-13	3.2E-13	6.7E-12	1.5E-11	8.4E-13	8.4E-13	1.6E-18	1.0E-17	2.4E-11
1,2,3,7,8-PeCDD	8.2E-14	1.8E-12	2.5E-12	7.0E-12	2.0E-11	4.2E-10	9.7E-10	5.3E-11	5.3E-11	1.0E-16	6.2E-16	1.5E-09
1,2,3,7,8-PeCDF	5.7E-15	1.0E-13	1.5E-13	4.1E-13	1.2E-12	3.0E-11	6.9E-11	3.7E-12	3.7E-12	5.9E-18	3.6E-17	1.1E-10
2,3,4,6,7,8-HxCDF	5.7E-15	6.4E-13	8.9E-13	2.5E-12	7.0E-12	1.4E-10	3.1E-10	1.7E-11	1.7E-11	3.6E-17	2.2E-16	4.9E-10
2,3,4,7,8-PeCDF	9.1E-14	2.5E-12	3.5E-12	9.8E-12	2.8E-11	6.7E-10	1.6E-09	8.4E-11	8.4E-11	1.4E-16	8.7E-16	2.4E-09
2,3,7,8-TCDD	2.8E-14	3.6E-13	5.0E-13	1.4E-12	4.0E-12	1.7E-10	3.9E-10	2.1E-11	2.1E-11	1.4E-14	8.7E-14	6.1E-10
2,3,7,8-TCDF	8.9E-15	6.6E-14	9.2E-14	2.6E-13	7.3E-13	6.2E-11	1.4E-10	7.8E-12	7.8E-12	3.7E-18	2.3E-17	2.2E-10
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	1.8E-13	4.2E-13	2.3E-14	2.3E-14	5.3E-20	3.3E-19	6.7E-13
OCDF	6.9E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	6.9E-14	1.6E-13	8.6E-15	8.6E-15	2.0E-20	1.3E-19	2.5E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-729 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.0E-16	2.5E-08	2.3E-08	5.9E-08	1.1E-07	2.2E-10	5.1E-10	2.7E-11	2.7E-11	1.4E-11	5.7E-11	2.2E-07
Barium												
Beryllium						8.8E-12	2.0E-11	1.1E-12	1.1E-12	1.1E-20	6.5E-20	3.1E-11
Cadmium						1.2E-10	2.7E-10	1.5E-11	1.5E-11	6.2E-21	3.8E-20	4.2E-10
Chromium												
Cobalt						7.6E-09	1.8E-08	9.5E-10	9.5E-10	6.8E-10	5.3E-09	3.3E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						7.7E-11	1.8E-10	9.7E-12	9.7E-12	4.3E-10	3.2E-09	3.9E-09
Phosphorus												
Selenium												
Silver												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		5.9E-19	8.3E-19	5.4E-19	1.5E-18							3.5E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	3.9E-13	5.6E-07	1.6E-13	5.1E-07	2.9E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	1.2E-09	7.1E-09	1.1E-06
Benzo(a)pyrene	1.9E-12	4.7E-06	8.2E-08	4.3E-06	1.5E-07	1.1E-10	2.6E-10	1.4E-11	1.4E-11	3.2E-11	2.4E-12	9.2E-06
Benzo(b)fluoranthene	5.2E-14	7.7E-07	7.4E-09	7.0E-07	1.4E-08	1.2E-11	2.9E-11	1.5E-12	1.5E-12	5.1E-12	2.2E-13	1.5E-06
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-729 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene	4.3E-17	4.1E-08	5.2E-16	3.8E-08	9.5E-16	1.1E-13	2.5E-13	1.4E-14	1.4E-14	2.8E-12	1.5E-19	7.9E-08
Biphenyl				2.3E-18	6.4E-18							8.7E-18
Chrysene	6.7E-16	5.9E-09	2.1E-15	5.4E-09	3.8E-15	4.8E-12	1.1E-11	6.0E-13	6.0E-13	4.0E-13	6.2E-19	1.1E-08
Dibenze(a,h)anthracene	9.7E-14	9.1E-07	2.6E-13	8.3E-07	4.8E-13	1.9E-11	4.4E-11	2.4E-12	2.4E-12	6.7E-12	8.5E-18	1.7E-06
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	2.4E-14	1.2E-07	7.3E-14	1.1E-07	1.3E-13	5.8E-12	1.3E-11	7.3E-13	7.3E-13	8.1E-13	2.1E-18	2.3E-07
Napthalene						4.3E-10	1.0E-09	5.4E-11	5.4E-11	7.2E-10	4.4E-09	6.7E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	3.6E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	1.6E-13	3.7E-13	2.0E-14	2.0E-14	7.8E-20	4.8E-19	5.7E-13
Heptachlorobiphenyl	3.9E-17	1.1E-17	1.6E-17	9.7E-18	2.7E-17	6.2E-14	1.4E-13	7.7E-15	7.7E-15	1.4E-19	8.6E-19	2.2E-13
Hexachlorobiphenyl	1.6E-16	5.2E-17	7.2E-17	4.4E-17	1.2E-16	2.6E-13	6.0E-13	3.3E-14	3.3E-14	6.3E-19	3.9E-18	9.3E-13
Monochlorobiphenyl	2.6E-16	2.4E-17	3.4E-17	2.0E-17	5.7E-17	1.1E-12	2.6E-12	1.4E-13	1.4E-13	5.4E-19	3.3E-18	4.0E-12
Nonachlorobiphenyl	4.9E-18	2.0E-18	2.8E-18	1.7E-18	4.8E-18	8.8E-15	2.0E-14	1.1E-15	1.1E-15	2.5E-20	1.5E-19	3.1E-14
Octachlorobiphenyl	1.2E-17	3.7E-18	5.2E-18	3.1E-18	8.8E-18	1.9E-14	4.4E-14	2.4E-15	2.4E-15	4.5E-20	2.8E-19	6.8E-14
Pentachlorobiphenyl	5.3E-16	1.9E-16	2.6E-16	1.6E-16	4.4E-16	8.9E-13	2.1E-12	1.1E-13	1.1E-13	2.3E-18	1.4E-17	3.2E-12
Tetrachlorobiphenyl	1.1E-17	1.3E-18	1.8E-18	1.1E-18	3.1E-18	5.2E-14	1.2E-13	6.5E-15	6.5E-15	3.0E-20	1.8E-19	1.8E-13
Trichlorobiphenyl	1.4E-17	1.6E-18	2.2E-18	1.3E-18	3.8E-18	6.5E-14	1.5E-13	8.2E-15	8.2E-15	3.6E-20	2.2E-19	2.3E-13
Pesticides												
DDE				1.9E-08	8.0E-09					1.7E-10	1.0E-09	2.8E-08
Dieldrin		8.4E-08		1.0E-07						1.4E-12		1.8E-07
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene							7.0E-08					7.0E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	4.3E-20						1.4E-12	3.3E-12	1.8E-13	1.8E-13		5.1E-12
2,4-Dimethylphenol												

Table H-729 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	5.9E-16	8.1E-15	1.1E-14	9.5E-15	2.7E-14	3.9E-11	9.0E-11	4.9E-12	4.9E-12	8.0E-20	4.9E-19	1.4E-10
Butyl benzyl phthalate	2.9E-17	5.3E-19	7.4E-19	6.3E-19	1.8E-18							3.2E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	4.5E-17					8.4E-11	1.9E-10	1.0E-11	1.0E-11			3.0E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	6.0E-21					8.6E-14	2.0E-13	1.1E-14	1.1E-14			3.0E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	2.8E-18											2.8E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	6.4E-20					3.6E-12	8.2E-12	4.4E-13	4.4E-13			1.3E-11
1,2-Dichloroethane	9.1E-20					6.2E-12	1.4E-11	2.2E-09	2.2E-09			4.5E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-729 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	9.3E-18					7.3E-08	1.3E-09	6.5E-09	6.5E-09			8.8E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	1.7E-21					3.0E-13	7.0E-13	3.8E-14	3.8E-14			1.1E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	8.1E-22					7.2E-08	2.6E-13	7.9E-09	7.9E-09			8.7E-08
Chlorobenzene												
Chlorodibromomethane	1.3E-19											1.3E-19
Chloroethane												
Chloroform	7.5E-21					6.3E-08	8.9E-12	4.7E-09	4.7E-09			7.2E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	1.4E-18					1.1E-08	9.7E-11	5.2E-12	5.2E-12			1.1E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	4.4E-21					1.5E-14	3.6E-14	1.9E-15	1.9E-15			5.5E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	1.2E-22					2.7E-15	6.2E-15	3.4E-16	3.4E-16			9.6E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	2.7E-23					1.3E-08	5.9E-15	3.2E-16	3.2E-16			1.3E-08
Trichlorofluoromethane												

Table H-729 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	3.0E-20					1.1E-09	4.3E-12	2.3E-13	2.3E-13			1.1E-09
Grand Total	2.7E-12	7.2E-06	1.1E-07	6.7E-06	2.8E-07	3.2E-07	3.0E-05	2.3E-08	2.3E-08	3.2E-09	2.1E-08	4.5E-05

Table H-730 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					6.3E-05	2.7E+00	7.9E-06	7.9E-06			2.7E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				9.4E-03	1.9E-02					9.2E-05	4.1E-04	2.9E-02
Antimony	3.9E-14			1.1E-03	4.2E-04							1.5E-03

Table H-730 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	6.5E-04	6.1E-04	1.5E-03	2.9E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	2.5E-06	1.0E-05	5.8E-03
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				6.0E-02	2.1E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	1.5E-04	1.1E-03	2.8E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				2.5E-02	6.2E-02							8.6E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.4E-04	8.9E-04	1.0E-03
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.0E-02	6.6E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	2.2E-04	1.6E-03	8.8E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-730 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12	9.4E-06		8.5E-06		5.0E-05	1.1E-04	6.2E-06	6.2E-06	8.2E-05	5.0E-04	7.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
DDE												
Dieldrin		1.2E-03		1.5E-03								2.7E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.4E-02						1.4E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-730 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.6E-02						1.6E-02
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	9.1E-07	1.4E-04	1.4E-04			2.9E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07

Table H-730 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					3.7E-03	6.7E-05	3.2E-04	3.2E-04			4.4E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.4E-03	5.0E-09	1.5E-04	1.5E-04			1.7E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					3.3E-04	4.6E-08	2.4E-05	2.4E-05			3.8E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					5.3E-05	4.5E-07	2.4E-08	2.4E-08			5.3E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					1.8E-02	8.4E-09	4.5E-10	4.5E-10			1.8E-02
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-730 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					3.0E-05	1.1E-07	6.2E-09	6.2E-09			3.0E-05
Grand Total	5.0E-09	1.9E-03	6.1E-04	1.2E-01	3.6E-01	5.6E-02	2.8E+00	1.0E-03	1.0E-03	6.9E-04	4.5E-03	3.3E+00

Table H-731 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						2.7E-10	9.8E-09	3.4E-11	3.3E-09			1.3E-08
Formaldehyde						6.9E-10	2.3E-08	8.6E-11	7.5E-09			3.1E-08
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.4E-16	1.4E-13	2.6E-12	5.5E-13	2.0E-11	2.8E-11	1.1E-09	3.5E-12	3.7E-10	7.8E-18	6.4E-16	1.5E-09
1,2,3,4,6,7,8-HpCDF	1.3E-16	1.4E-13	2.6E-12	5.5E-13	2.1E-11	2.8E-11	1.1E-09	3.5E-12	3.7E-10	7.9E-18	6.5E-16	1.5E-09
1,2,3,4,7,8,9-HpCDF	2.0E-17	1.6E-14	3.1E-13	6.3E-14	2.5E-12	3.5E-12	1.4E-10	4.4E-13	4.8E-11	9.1E-19	7.8E-17	2.0E-10
1,2,3,4,7,8-HxCDD	1.6E-15	1.6E-13	3.0E-12	6.2E-13	2.4E-11	3.3E-11	1.3E-09	4.1E-12	4.5E-10	8.9E-18	7.5E-16	1.9E-09
1,2,3,4,7,8-HxCDF	1.1E-14	1.2E-12	2.4E-11	4.9E-12	1.9E-10	2.7E-10	1.1E-08	3.4E-11	3.6E-09	7.0E-17	6.0E-15	1.5E-08
1,2,3,6,7,8-HxCDD	3.0E-15	3.2E-13	6.2E-12	1.3E-12	4.9E-11	7.0E-11	2.8E-09	8.7E-12	9.4E-10	1.8E-17	1.5E-15	3.9E-09
1,2,3,6,7,8-HxCDF	3.9E-15	4.1E-13	7.9E-12	1.6E-12	6.3E-11	8.7E-11	3.6E-09	1.1E-11	1.2E-09	2.3E-17	2.0E-15	4.9E-09
1,2,3,7,8,9-HxCDD	4.3E-15	5.1E-13	9.7E-12	2.0E-12	7.7E-11	1.1E-10	4.3E-09	1.3E-11	1.4E-09	2.9E-17	2.4E-15	5.9E-09
1,2,3,7,8,9-HxCDF	3.2E-16	2.9E-14	5.7E-13	1.2E-13	4.5E-12	6.7E-12	2.7E-10	8.4E-13	9.1E-11	1.6E-18	1.4E-16	3.8E-10
1,2,3,7,8-PeCDD	8.2E-14	1.8E-12	3.5E-11	7.0E-12	2.7E-10	4.2E-10	1.7E-08	5.3E-11	5.7E-09	1.0E-16	8.6E-15	2.4E-08
1,2,3,7,8-PeCDF	5.7E-15	1.0E-13	2.1E-12	4.1E-13	1.6E-11	3.0E-11	1.2E-09	3.7E-12	4.1E-10	5.9E-18	5.1E-16	1.7E-09
2,3,4,6,7,8-HxCDF	5.7E-15	6.4E-13	1.2E-11	2.5E-12	9.5E-11	1.4E-10	5.4E-09	1.7E-11	1.8E-09	3.6E-17	3.0E-15	7.5E-09
2,3,4,7,8-PeCDF	9.1E-14	2.5E-12	4.9E-11	9.8E-12	3.9E-10	6.7E-10	2.7E-08	8.4E-11	9.1E-09	1.4E-16	1.2E-14	3.8E-08
2,3,7,8-TCDD	2.8E-14	3.6E-13	5.2E-12	1.4E-12	4.1E-11	1.7E-10	5.7E-09	2.1E-11	1.9E-09	1.4E-14	9.0E-13	7.8E-09
2,3,7,8-TCDF	8.9E-15	6.6E-14	1.3E-12	2.6E-13	1.0E-11	6.2E-11	2.6E-09	7.8E-12	8.5E-10	3.7E-18	3.3E-16	3.5E-09
OCDD	1.8E-20	9.4E-16	1.7E-14	3.7E-15	1.4E-13	1.8E-13	7.2E-12	2.3E-14	2.4E-12	5.3E-20	4.3E-18	1.0E-11
OCDF	6.9E-21	3.6E-16	6.5E-15	1.4E-15	5.1E-14	6.9E-14	2.7E-12	8.6E-15	8.9E-13	2.0E-20	1.6E-18	3.7E-12
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-731 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.0E-16	2.5E-08	6.2E-18	5.9E-08	2.9E-17	2.2E-10	7.7E-09	2.7E-11	2.6E-09	1.4E-11	1.5E-20	9.5E-08
Barium												
Beryllium						8.8E-12	3.0E-10	1.1E-12	1.0E-10	1.1E-20	8.7E-19	4.1E-10
Cadmium						1.2E-10	4.1E-09	1.5E-11	1.4E-09	6.2E-21	5.2E-19	5.6E-09
Chromium												
Cobalt						7.6E-09	1.4E-07	9.5E-10	4.6E-08	6.8E-10	7.3E-13	1.9E-07
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						7.7E-11	2.7E-09	9.7E-12	8.9E-10	4.3E-10	3.7E-19	4.1E-09
Phosphorus												
Selenium												
Silver												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		5.9E-19	1.2E-17	5.4E-19	2.2E-17							3.5E-17
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	3.9E-13	5.6E-07	2.5E-12	5.1E-07	4.6E-12	2.8E-11	1.2E-09	3.5E-12	4.1E-10	1.2E-09	2.3E-14	1.1E-06
Benzo(a)pyrene	1.9E-12	4.7E-06	1.1E-11	4.3E-06	1.9E-11	1.1E-10	4.6E-09	1.4E-11	1.5E-09	3.2E-11	3.1E-16	9.0E-06
Benzo(b)fluoranthene	5.2E-14	7.7E-07	5.8E-14	7.0E-07	1.0E-13	1.2E-11	5.0E-10	1.5E-12	1.7E-10	5.1E-12	1.7E-18	1.5E-06
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-731 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene	4.3E-17	4.1E-08	3.4E-15	3.8E-08	6.3E-15	1.1E-13	2.0E-12	1.4E-14	6.5E-13	2.8E-12	1.0E-18	7.9E-08
Biphenyl				2.3E-18	9.6E-17							9.8E-17
Chrysene	6.7E-16	5.9E-09	3.0E-14	5.4E-09	5.5E-14	4.8E-12	2.0E-10	6.0E-13	6.6E-11	4.0E-13	8.9E-18	1.2E-08
Dibenze(a,h)anthracene	9.7E-14	9.1E-07	3.7E-12	8.3E-07	6.8E-12	1.9E-11	7.9E-10	2.4E-12	2.6E-10	6.7E-12	1.2E-16	1.7E-06
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	2.4E-14	1.2E-07	1.0E-12	1.1E-07	1.9E-12	5.8E-12	2.4E-10	7.3E-13	8.0E-11	8.1E-13	3.1E-17	2.3E-07
Napthalene						4.3E-10	1.8E-08	5.4E-11	6.0E-09	7.2E-10		2.5E-08
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	3.6E-17	3.5E-18	6.9E-17	2.9E-18	1.2E-16	1.6E-13	6.5E-12	2.0E-14	2.2E-12	7.8E-20	6.8E-18	8.9E-12
Heptachlorobiphenyl	3.9E-17	1.1E-17	2.2E-16	9.7E-18	3.7E-16	6.2E-14	2.5E-12	7.7E-15	8.4E-13	1.4E-19	1.2E-17	3.4E-12
Hexachlorobiphenyl	1.6E-16	5.2E-17	9.3E-16	4.4E-17	1.6E-15	2.6E-13	1.0E-11	3.3E-14	3.4E-12	6.3E-19	5.0E-17	1.4E-11
Monochlorobiphenyl	2.6E-16	2.4E-17	4.8E-16	2.0E-17	8.1E-16	1.1E-12	4.6E-11	1.4E-13	1.5E-11	5.4E-19	4.8E-17	6.2E-11
Nonachlorobiphenyl	4.9E-18	2.0E-18	3.1E-17	1.7E-18	5.3E-17	8.8E-15	3.1E-13	1.1E-15	1.0E-13	2.5E-20	1.7E-18	4.2E-13
Octachlorobiphenyl	1.2E-17	3.7E-18	6.8E-17	3.1E-18	1.1E-16	1.9E-14	7.4E-13	2.4E-15	2.5E-13	4.5E-20	3.7E-18	1.0E-12
Pentachlorobiphenyl	5.3E-16	1.9E-16	3.2E-15	1.6E-16	5.4E-15	8.9E-13	3.4E-11	1.1E-13	1.1E-11	2.3E-18	1.7E-16	4.6E-11
Tetrachlorobiphenyl	1.1E-17	1.3E-18	2.2E-17	1.1E-18	3.8E-17	5.2E-14	1.9E-12	6.5E-15	6.5E-13	3.0E-20	2.2E-18	2.6E-12
Trichlorobiphenyl	1.4E-17	1.6E-18	2.8E-17	1.3E-18	4.8E-17	6.5E-14	2.5E-12	8.2E-15	8.5E-13	3.6E-20	2.8E-18	3.5E-12
Pesticides												
DDE				1.9E-08						1.7E-10		1.9E-08
Dieldrin		8.4E-08		1.0E-07						1.4E-12		1.8E-07
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene							7.0E-08					7.0E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	4.3E-20						1.4E-12	6.4E-11	1.8E-13	2.1E-11		8.7E-11
2,4-Dimethylphenol												

Table H-731 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	5.9E-16	8.1E-15	1.4E-13	9.5E-15	3.4E-13	3.9E-11	1.5E-09	4.9E-12	5.1E-10	8.0E-20	6.3E-18	2.1E-09
Butyl benzyl phthalate	2.9E-17	5.3E-19	1.1E-17	6.3E-19	2.6E-17							6.6E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	4.5E-17					8.4E-11	1.5E-09	1.0E-11	5.0E-10			2.1E-09
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	6.0E-21					8.6E-14	2.9E-12	1.1E-14	9.7E-13			4.0E-12
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	2.8E-18											2.8E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	6.4E-20					3.6E-12	6.3E-11	4.4E-13	2.1E-11			8.9E-11
1,2-Dichloroethane	9.1E-20					6.2E-12	2.3E-10	2.2E-09	7.8E-11			2.5E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-731 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	9.3E-18					7.3E-08	2.3E-08	6.5E-09	7.6E-09			1.1E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	1.7E-21					3.0E-13	5.4E-12	3.8E-14	1.8E-12			7.5E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	8.1E-22					7.2E-08	2.0E-12	7.9E-09	6.7E-13			8.0E-08
Chlorobenzene												
Chlorodibromomethane	1.3E-19											1.3E-19
Chloroethane												
Chloroform	7.5E-21					6.3E-08	7.5E-11	4.7E-09	2.5E-11			6.8E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	1.4E-18					1.1E-08	1.6E-09	5.2E-12	5.3E-10			1.3E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	4.4E-21					1.5E-14	5.7E-13	1.9E-15	1.9E-13			7.8E-13
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	1.2E-22					2.7E-15	9.4E-14	3.4E-16	3.1E-14			1.3E-13
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	2.7E-23					1.3E-08	4.6E-14	3.2E-16	1.5E-14			1.3E-08
Trichlorofluoromethane												

Table H-731 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	3.0E-20					1.1E-09	4.5E-11	2.3E-13	1.5E-11			1.2E-09
Grand Total	2.7E-12	7.2E-06	1.8E-10	6.7E-06	1.3E-09	3.2E-07	3.2E-07	2.3E-08	1.1E-07	3.2E-09	1.7E-12	1.5E-05

Table H-732 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	1.5E-03	5.2E-06	5.0E-04			2.0E-03
Aldehydes												
Acetaldehyde						1.6E-04	5.8E-03	2.0E-05	1.9E-03			7.9E-03
Formaldehyde	2.3E-12					6.3E-05	2.1E-03	7.9E-06	6.9E-04			2.8E-03
Propionaldehyde						2.0E-05	7.2E-04	2.5E-06	2.4E-04	2.1E-12	1.5E-10	9.8E-04
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-06	3.1E-07	9.0E-06	1.3E-06	4.3E-05	1.6E-07	1.4E-05	1.8E-10	1.2E-08	7.0E-05
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	7.7E-03	2.5E-05	2.6E-03			1.1E-02
Metals												
Aluminum				9.4E-03						9.2E-05		9.5E-03
Antimony	3.9E-14			1.1E-03								1.1E-03

Table H-732 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	6.5E-04	1.6E-13	1.5E-03	7.6E-13	4.0E-05	1.4E-03	4.9E-06	4.7E-04	2.5E-06	2.7E-15	4.1E-03
Barium	1.4E-11			2.2E-08	7.5E-07	2.5E-04	6.8E-03	3.1E-05	2.3E-03	4.3E-10	3.2E-08	9.3E-03
Beryllium	1.7E-14			5.2E-13	2.0E-11	2.1E-06	7.3E-05	2.7E-07	2.4E-05	2.6E-15	2.1E-13	9.9E-05
Cadmium	8.3E-12			8.2E-13	3.1E-11	7.6E-05	2.6E-03	9.5E-06	8.8E-04	4.0E-15	3.4E-13	3.6E-03
Chromium	1.9E-15			6.4E-11	2.5E-09							2.6E-09
Cobalt				6.0E-02	4.7E-05	1.6E-03	3.0E-02	2.0E-04	9.9E-03	1.5E-04	2.6E-07	1.0E-01
Copper				1.1E-08	4.3E-07							4.4E-07
Iron				2.5E-02								2.5E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.6E-09	7.8E-08	2.8E-06	9.8E-09	9.2E-07	1.0E-14	7.1E-13	3.8E-06
Mercury, elemental						3.3E-10	1.2E-08	4.1E-11	3.8E-09	1.4E-04		1.4E-04
Methyl Mercury	1.3E-10			3.8E-11	1.5E-09							1.6E-09
Nickel	1.7E-13			2.0E-02	7.8E-12	3.9E-05	1.3E-03	4.8E-06	4.4E-04	2.2E-04	1.9E-13	2.2E-02
Phosphorus				3.7E-10	1.4E-08							1.4E-08
Selenium	5.5E-14			8.1E-15	3.1E-13	8.7E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-20	8.4E-18	4.2E-07
Silver	4.2E-14			1.7E-10	6.3E-09							6.5E-09
Titanium												
Zinc	1.4E-11			6.1E-13	2.2E-11							3.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	6.9E-14	3.1E-15	1.3E-13							2.0E-13
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	1.2E-12	5.2E-14	2.1E-12							3.4E-12
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-732 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	2.8E-13	2.8E-04	1.2E-02	3.5E-05	3.9E-03	4.9E-12	4.5E-10	1.6E-02
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	3.4E-11	1.5E-12	6.3E-11							1.1E-10
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12	9.4E-06		8.5E-06		5.0E-05	2.1E-03	6.2E-06	6.9E-04	8.2E-05		2.9E-03
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.9E-10	8.5E-12	3.5E-10							5.6E-10
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.8E-10	1.2E-11	4.7E-10							8.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	1.1E-10	4.9E-12	1.9E-10	9.8E-10	3.9E-08	1.2E-10	1.3E-08	3.8E-15	3.3E-13	5.4E-08
Hexachlorobiphenyl	4.7E-11	2.6E-11	4.7E-10	2.2E-11	8.0E-10	4.1E-06	1.6E-04	5.1E-07	5.3E-05	1.7E-11	1.4E-09	2.2E-04
Monochlorobiphenyl	6.1E-10	9.8E-11	2.0E-09	8.3E-11	3.3E-09							6.0E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.6E-11	8.6E-13	2.7E-11							4.6E-11
Octachlorobiphenyl	3.4E-12	1.9E-12	3.4E-11	1.6E-12	5.8E-11							9.9E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.6E-09	8.0E-11	2.7E-09	4.6E-05	1.7E-03	5.7E-06	5.7E-04	2.0E-10	1.5E-08	2.3E-03
Tetrachlorobiphenyl	2.6E-11	5.4E-12	9.1E-11	4.5E-12	1.5E-10	2.3E-07	8.7E-06	2.9E-08	2.9E-06	2.3E-13	1.7E-11	1.2E-05
Trichlorobiphenyl	3.4E-11	6.5E-12	1.2E-10	5.5E-12	2.0E-10							3.6E-10
Pesticides												
DDE												
Dieldrin		1.2E-03		1.5E-03								2.7E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	4.3E-06	1.7E-08	1.4E-06			5.9E-06
1,2-dichlorobenzene	3.1E-17					5.4E-10	9.7E-09	6.8E-11	3.2E-09			1.4E-08
1,3-Butadiene						1.4E-02						1.4E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	8.5E-08	2.4E-10	2.8E-08			1.2E-07
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-732 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	3.9E-06	1.2E-08	1.3E-06			5.3E-06
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	6.0E-09	4.0E-10	1.4E-08							2.1E-08
Butyl benzyl phthalate	8.8E-13	1.6E-14	3.3E-13	1.9E-14	7.9E-13							2.0E-12
Carbazole												
Dibenzofuran		1.4E-13	2.9E-12	5.7E-13	2.3E-11							2.6E-11
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	6.7E-13	3.9E-14	1.6E-12							1.9E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	8.7E-12	1.1E-12	2.1E-11							3.1E-11
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.6E-02						1.6E-02
Phenol	4.9E-13					1.5E-06	6.2E-05	1.9E-07	2.1E-05			8.5E-05
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	1.0E-09	3.3E-12	3.3E-10			1.4E-09
1,1-Dichloroethene	1.2E-19					1.3E-10	2.3E-09	1.6E-11	7.7E-10			3.2E-09
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	6.4E-06	4.5E-08	2.1E-06			9.0E-06
1,2,4-Trimethylbenzene						8.9E-07	2.8E-05	1.1E-07	9.4E-06			3.9E-05
1,2-Dibromoethane	4.1E-17					7.7E-09	1.4E-07	9.6E-10	4.6E-08			1.9E-07
1,2-Dichloroethane	1.9E-15					4.0E-07	1.5E-05	1.4E-04	5.0E-06			1.6E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	2.6E-07	8.3E-10	8.7E-08			3.6E-07
2-Chlorotoluene												
2-Hexanone						2.3E-07	8.2E-06	2.8E-08	2.7E-06			1.1E-05

Table H-732 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					3.7E-03	1.1E-03	3.2E-04	3.8E-04			5.5E-03
Bromobenzene						6.2E-07	1.1E-05	7.8E-08	3.7E-06			1.5E-05
Bromochloromethane						2.2E-09	3.9E-08	2.8E-10	1.3E-08			5.5E-08
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	2.3E-05	9.5E-08	7.6E-06			3.1E-05
Carbon disulfide	1.3E-17					4.8E-09	1.4E-07	6.0E-10	4.7E-08			1.9E-07
Carbon tetrachloride	3.4E-17					1.4E-03	3.9E-08	1.5E-04	1.3E-08			1.5E-03
Chlorobenzene	2.3E-15					9.6E-08	3.4E-06	1.2E-08	1.1E-06			4.7E-06
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	3.2E-08	1.1E-10	1.1E-08			4.3E-08
Chloroform	2.8E-16					3.3E-04	3.9E-07	2.4E-05	1.3E-07			3.5E-04
Chloromethane						3.4E-07	1.0E-05	4.3E-08	3.5E-06			1.4E-05
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	9.1E-07	6.4E-09	3.0E-07			1.3E-06
Dichlorodifluoromethane	2.4E-20					2.5E-09	4.4E-08	3.1E-10	1.5E-08			6.2E-08
Ethylbenzene	1.5E-14					5.3E-05	7.4E-06	2.4E-08	2.5E-06			6.2E-05
Isopropylbenzene	2.0E-17					3.9E-08	1.3E-06	4.9E-09	4.5E-07			1.8E-06
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.1E-09	1.5E-11	7.1E-10			3.0E-09
Methylene chloride	4.3E-15					3.0E-08	1.1E-06	3.8E-09	3.7E-07			1.5E-06
n-Butylbenzene												
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07			4.2E-07
o-Xylene	1.4E-15					2.3E-07	7.6E-06	2.9E-08	2.5E-06			1.0E-05
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.9E-05	6.4E-08	6.2E-06			2.5E-05
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	1.1E-07	3.8E-10	3.5E-08			1.4E-07
Toluene	2.0E-14					6.3E-08	2.5E-06	7.9E-09	8.3E-07			3.4E-06
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					1.8E-02	6.5E-08	4.5E-10	2.2E-08			1.8E-02
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-732 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					3.0E-05	1.2E-06	6.2E-09	4.0E-07			3.1E-05
Grand Total	5.0E-09	1.9E-03	1.1E-06	1.2E-01	5.8E-05	5.6E-02	7.7E-02	1.0E-03	2.6E-02	6.9E-04	3.2E-07	2.8E-01

Table H-733 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			2.7E-10	3.4E-11		3.1E-10
Formaldehyde			6.9E-10	8.6E-11		7.7E-10
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	1.4E-13	5.5E-13	2.8E-11	3.5E-12	7.8E-18	3.2E-11
1,2,3,4,6,7,8-HpCDF	1.4E-13	5.5E-13	2.8E-11	3.5E-12	7.9E-18	3.2E-11
1,2,3,4,7,8,9-HpCDF	1.6E-14	6.3E-14	3.5E-12	4.4E-13	9.1E-19	4.1E-12
1,2,3,4,7,8-HxCDD	1.6E-13	6.2E-13	3.3E-11	4.1E-12	8.9E-18	3.8E-11
1,2,3,4,7,8-HxCDF	1.2E-12	4.9E-12	2.7E-10	3.4E-11	7.0E-17	3.1E-10
1,2,3,6,7,8-HxCDD	3.2E-13	1.3E-12	7.0E-11	8.7E-12	1.8E-17	8.0E-11
1,2,3,6,7,8-HxCDF	4.1E-13	1.6E-12	8.7E-11	1.1E-11	2.3E-17	1.0E-10
1,2,3,7,8,9-HxCDD	5.1E-13	2.0E-12	1.1E-10	1.3E-11	2.9E-17	1.2E-10
1,2,3,7,8,9-HxCDF	2.9E-14	1.2E-13	6.7E-12	8.4E-13	1.6E-18	7.7E-12
1,2,3,7,8-PeCDD	1.8E-12	7.0E-12	4.2E-10	5.3E-11	1.0E-16	4.8E-10

Table H-733 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	1.0E-13	4.1E-13	3.0E-11	3.7E-12	5.9E-18	3.4E-11
2,3,4,6,7,8-HxCDF	6.4E-13	2.5E-12	1.4E-10	1.7E-11	3.6E-17	1.6E-10
2,3,4,7,8-PeCDF	2.5E-12	9.8E-12	6.7E-10	8.4E-11	1.4E-16	7.7E-10
2,3,7,8-TCDD	3.6E-13	1.4E-12	1.7E-10	2.1E-11	1.4E-14	1.9E-10
2,3,7,8-TCDF	6.6E-14	2.6E-13	6.2E-11	7.8E-12	3.7E-18	7.0E-11
OCDD	9.4E-16	3.7E-15	1.8E-13	2.3E-14	5.3E-20	2.1E-13
OCDF	3.6E-16	1.4E-15	6.9E-14	8.6E-15	2.0E-20	7.9E-14
HCN						
Hydrogen cyanide						
Metals						
Aluminum						
Antimony						
Arsenic	7.7E-08	1.8E-07	2.2E-10	2.7E-11	4.3E-11	2.6E-07
Barium						
Beryllium			8.8E-12	1.1E-12	1.1E-20	9.9E-12
Cadmium			1.2E-10	1.5E-11	6.2E-21	1.3E-10
Chromium						
Cobalt			7.6E-09	9.5E-10	1.2E-09	9.7E-09
Copper						
Iron						
Lead						
Manganese						
Mercury (+2)						

Table H-733 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental						
Methyl Mercury						
Nickel			7.7E-11	9.7E-12	6.4E-10	7.2E-10
Phosphorus						
Selenium						
Silver						
Thallium (Soluble Salts)						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	5.9E-19	5.4E-19				1.1E-18
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	5.6E-09	5.1E-09	2.8E-11	3.5E-12	1.2E-11	1.1E-08
Benzo(a)pyrene	5.3E-08	4.8E-08	1.1E-10	1.4E-11	3.6E-13	1.0E-07
Benzo(b)fluoranthene	8.2E-09	7.5E-09	1.2E-11	1.5E-12	5.5E-14	1.6E-08

Table H-733 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	4.4E-10	4.0E-10	1.1E-13	1.4E-14	3.0E-14	8.4E-10
Biphenyl		2.3E-18				2.3E-18
Chrysene	7.1E-11	6.4E-11	4.8E-12	6.0E-13	4.7E-15	1.4E-10
Dibenze(a,h)anthracene	1.2E-08	1.1E-08	1.9E-11	2.4E-12	9.1E-14	2.4E-08
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	3.5E-09	3.2E-09	5.8E-12	7.3E-13	2.4E-14	6.8E-09
Napthalene			4.3E-10	5.4E-11		4.9E-10
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	3.5E-18	2.9E-18	1.6E-13	2.0E-14	7.8E-20	1.8E-13
Heptachlorobiphenyl	1.1E-17	9.7E-18	6.2E-14	7.7E-15	1.4E-19	7.0E-14
Hexachlorobiphenyl	5.2E-17	4.4E-17	2.6E-13	3.3E-14	6.3E-19	2.9E-13
Monochlorobiphenyl	2.4E-17	2.0E-17	1.1E-12	1.4E-13	5.4E-19	1.2E-12
Nonachlorobiphenyl	2.0E-18	1.7E-18	8.8E-15	1.1E-15	2.5E-20	9.9E-15

Table H-733 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Octachlorobiphenyl	3.7E-18	3.1E-18	1.9E-14	2.4E-15	4.5E-20	2.1E-14
Pentachlorobiphenyl	1.9E-16	1.6E-16	8.9E-13	1.1E-13	2.3E-18	1.0E-12
Tetrachlorobiphenyl	1.3E-18	1.1E-18	5.2E-14	6.5E-15	3.0E-20	5.8E-14
Trichlorobiphenyl	1.6E-18	1.3E-18	6.5E-14	8.2E-15	3.6E-20	7.4E-14
Pesticides						
DDE		2.6E-09			2.4E-11	2.6E-09
Dieldrin	6.5E-10	7.6E-10			1.1E-14	1.4E-09
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.4E-12	1.8E-13		1.6E-12
1,4-Dioxane			5.5E-08			5.5E-08
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	8.1E-15	9.5E-15	3.9E-11	4.9E-12	8.0E-20	4.4E-11

Table H-733 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Butyl benzyl phthalate	5.3E-19	6.3E-19				1.2E-18
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			8.4E-11	1.0E-11		9.4E-11
Isopropanol						
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			8.6E-14	1.1E-14		9.6E-14
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			3.6E-12	4.4E-13		4.0E-12
1,2-Dichloroethane			6.2E-12	2.2E-09		2.2E-09
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						

Table H-733 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
2-Butanone						
2-Chlorotoluene						
2-Hexanone						
Benzene			4.3E-08	6.5E-09		4.9E-08
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			3.0E-13	3.8E-14		3.4E-13
Bromomethane						
Carbon disulfide						
Carbon tetrachloride			6.7E-08	7.9E-09		7.5E-08
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			8.6E-08	4.7E-09		9.0E-08
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			7.8E-09	5.2E-12		7.8E-09
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						

Table H-733 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Methylene chloride			1.5E-14	1.9E-15		1.7E-14
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethene			2.7E-15	3.4E-16		3.0E-15
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			3.5E-09	3.2E-16		3.5E-09
Trichlorofluoromethane						
Vinyl chloride			5.3E-09	2.3E-13		5.3E-09
Grand Total	1.6E-07	2.6E-07	2.8E-07	2.3E-08	1.9E-09	7.2E-07

Table H-734 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			4.2E-05	5.2E-06		4.7E-05
Aldehydes						
Acetaldehyde			1.6E-04	2.0E-05		1.8E-04
Formaldehyde			6.3E-05	7.9E-06		7.1E-05
Propionaldehyde			2.0E-05	2.5E-06	2.1E-12	2.2E-05
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-734 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	7.9E-08	3.1E-07	1.3E-06	1.6E-07	1.8E-10	1.8E-06
2,3,7,8-TCDF						
OCDD						
OCDF						
HCN						
Hydrogen cyanide			2.0E-04	2.5E-05		2.2E-04
Metals						
Aluminum		1.1E-02			1.1E-04	1.1E-02
Antimony		6.4E-04				6.4E-04
Arsenic	2.0E-03	4.7E-03	4.0E-05	4.9E-06	7.7E-06	6.8E-03
Barium		2.2E-08	2.5E-04	3.1E-05	4.3E-10	2.8E-04
Beryllium		5.2E-13	2.1E-06	2.7E-07	2.6E-15	2.4E-06
Cadmium		8.2E-13	7.6E-05	9.5E-06	4.0E-15	8.5E-05
Chromium		6.4E-11				6.4E-11
Cobalt		1.0E-01	1.6E-03	2.0E-04	2.6E-04	1.1E-01
Copper		1.1E-08				1.1E-08
Iron		3.6E-02				3.6E-02
Lead						
Manganese						
Mercury (+2)		2.1E-10	7.8E-08	9.8E-09	1.0E-14	8.8E-08

Table H-734 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental			3.3E-10	4.1E-11	6.3E-03	6.3E-03
Methyl Mercury		3.8E-11				3.8E-11
Nickel		2.9E-02	3.9E-05	4.8E-06	3.2E-04	3.0E-02
Phosphorus		3.7E-10				3.7E-10
Selenium		8.1E-15	8.7E-09	1.1E-09	9.9E-20	9.8E-09
Silver		1.7E-10				1.7E-10
Thallium (Soluble Salts)		2.7E-02				2.7E-02
Titanium						
Zinc		6.1E-13				6.1E-13
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.4E-15	3.1E-15				6.5E-15
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	5.8E-14	5.2E-14				1.1E-13
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						

Table H-734 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						
Biphenyl		6.7E-15	2.8E-04	3.5E-05	4.9E-12	3.1E-04
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	1.7E-12	1.5E-12				3.2E-12
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene			5.0E-05	6.2E-06		5.6E-05
Perylene						
Phenanthrene						
Pyrene	9.3E-12	8.5E-12				1.8E-11
Particulate						
Particulate Total Suspended Partic						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	1.4E-11	1.2E-11				2.6E-11
Heptachlorobiphenyl	5.8E-12	4.9E-12	9.8E-10	1.2E-10	3.8E-15	1.1E-09
Hexachlorobiphenyl	2.6E-11	2.2E-11	4.1E-06	5.1E-07	1.7E-11	4.6E-06
Monochlorobiphenyl	9.8E-11	8.3E-11				1.8E-10
Nonachlorobiphenyl	1.0E-12	8.6E-13				1.9E-12

Table H-734 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Octachlorobiphenyl	1.9E-12	1.6E-12				3.5E-12
Pentachlorobiphenyl	9.4E-11	8.0E-11	4.6E-05	5.7E-06	2.0E-10	5.1E-05
Tetrachlorobiphenyl	5.4E-12	4.5E-12	2.3E-07	2.9E-08	2.3E-13	2.6E-07
Trichlorobiphenyl	6.5E-12	5.5E-12				1.2E-11
Pesticides						
DDE						
Dieldrin	9.4E-06	1.1E-05				2.1E-05
SVOCs						
1,2,4-trichlorobenzene			1.3E-07	1.7E-08		1.5E-07
1,2-dichlorobenzene			5.4E-10	6.8E-11		6.1E-10
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.9E-09	2.4E-10		2.1E-09
1,4-Dioxane			4.3E-03			4.3E-03
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			9.3E-08	1.2E-08		1.0E-07
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-10	4.0E-10				7.4E-10

Table H-734 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Butyl benzyl phthalate	1.6E-14	1.9E-14				3.6E-14
Carbazole						
Dibenzofuran	1.4E-13	5.7E-13				7.1E-13
Dimethyl phthalate						
Di-n-butyl phthalate	3.3E-14	3.9E-14				7.1E-14
Di-n-octyl phthalate	9.4E-13	1.1E-12				2.1E-12
Hexachlorobutadiene						
Isopropanol			1.0E-02			1.0E-02
Phenol			1.5E-06	1.9E-07		1.7E-06
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			2.7E-11	3.3E-12		3.0E-11
1,1-Dichloroethene			1.3E-10	1.6E-11		1.5E-10
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.6E-07	4.5E-08		4.1E-07
1,2,4-Trimethylbenzene			8.9E-07	1.1E-07		1.0E-06
1,2-Dibromoethane			7.7E-09	9.6E-10		8.6E-09
1,2-Dichloroethane			4.0E-07	1.4E-04		1.4E-04
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						

Table H-734 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
2-Butanone			6.6E-09	8.3E-10		7.4E-09
2-Chlorotoluene						
2-Hexanone			2.3E-07	2.8E-08		2.5E-07
Benzene			2.1E-03	3.2E-04		2.5E-03
Bromobenzene			6.2E-07	7.8E-08		7.0E-07
Bromochloromethane			2.2E-09	2.8E-10		2.5E-09
Bromodichloromethane						
Bromomethane			7.6E-07	9.5E-08		8.6E-07
Carbon disulfide			4.8E-09	6.0E-10		5.4E-09
Carbon tetrachloride			1.3E-03	1.5E-04		1.5E-03
Chlorobenzene			9.6E-08	1.2E-08		1.1E-07
Chlorodibromomethane						
Chloroethane			9.1E-10	1.1E-10		1.0E-09
Chloroform			4.4E-04	2.4E-05		4.7E-04
Chloromethane			3.4E-07	4.3E-08		3.9E-07
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			5.1E-08	6.4E-09		5.7E-08
Dichlorodifluoromethane			2.5E-09	3.1E-10		2.8E-09
Ethylbenzene			3.7E-05	2.4E-08		3.7E-05
Isopropylbenzene			3.9E-08	4.9E-09		4.4E-08
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.2E-10	1.5E-11		1.3E-10

Table H-734 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Methylene chloride			3.0E-08	3.8E-09		3.4E-08
n-Butylbenzene						
n-Propylbenzene			9.4E-09	1.2E-09		1.1E-08
o-Xylene			2.3E-07	2.9E-08		2.6E-07
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			5.1E-07	6.4E-08		5.7E-07
tert-Butylbenzene						
Tetrachloroethene			3.0E-09	3.8E-10		3.4E-09
Toluene			6.3E-08	7.9E-09		7.1E-08
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			5.0E-03	4.5E-10		5.0E-03
Trichlorofluoromethane						
Vinyl chloride			1.4E-04	6.2E-09		1.4E-04
Grand Total	2.0E-03	2.1E-01	2.6E-02	1.0E-03	7.0E-03	2.5E-01

Table H-735 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						2.7E-10	6.3E-10	3.4E-11	3.4E-11			9.7E-10
Formaldehyde						6.9E-10	1.6E-09	8.6E-11	8.6E-11			2.4E-09
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.4E-16	1.4E-13	1.9E-13	5.5E-13	1.5E-12	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.8E-18	4.8E-17	1.0E-10
1,2,3,4,6,7,8-HpCDF	1.3E-16	1.4E-13	2.0E-13	5.5E-13	1.5E-12	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.9E-18	4.9E-17	1.0E-10
1,2,3,4,7,8,9-HpCDF	2.0E-17	1.6E-14	2.2E-14	6.3E-14	1.8E-13	3.5E-12	8.2E-12	4.4E-13	4.4E-13	9.1E-19	5.6E-18	1.3E-11
1,2,3,4,7,8-HxCDD	1.6E-15	1.6E-13	2.2E-13	6.2E-13	1.7E-12	3.3E-11	7.6E-11	4.1E-12	4.1E-12	8.9E-18	5.5E-17	1.2E-10
1,2,3,4,7,8-HxCDF	1.1E-14	1.2E-12	1.7E-12	4.9E-12	1.4E-11	2.7E-10	6.2E-10	3.4E-11	3.4E-11	7.0E-17	4.3E-16	9.8E-10
1,2,3,6,7,8-HxCDD	3.0E-15	3.2E-13	4.5E-13	1.3E-12	3.5E-12	7.0E-11	1.6E-10	8.7E-12	8.7E-12	1.8E-17	1.1E-16	2.5E-10
1,2,3,6,7,8-HxCDF	3.9E-15	4.1E-13	5.7E-13	1.6E-12	4.5E-12	8.7E-11	2.0E-10	1.1E-11	1.1E-11	2.3E-17	1.4E-16	3.2E-10
1,2,3,7,8,9-HxCDD	4.3E-15	5.1E-13	7.1E-13	2.0E-12	5.6E-12	1.1E-10	2.4E-10	1.3E-11	1.3E-11	2.9E-17	1.8E-16	3.9E-10
1,2,3,7,8,9-HxCDF	3.2E-16	2.9E-14	4.1E-14	1.2E-13	3.2E-13	6.7E-12	1.5E-11	8.4E-13	8.4E-13	1.6E-18	1.0E-17	2.4E-11
1,2,3,7,8-PeCDD	8.2E-14	1.8E-12	2.5E-12	7.0E-12	2.0E-11	4.2E-10	9.7E-10	5.3E-11	5.3E-11	1.0E-16	6.2E-16	1.5E-09
1,2,3,7,8-PeCDF	5.7E-15	1.0E-13	1.5E-13	4.1E-13	1.2E-12	3.0E-11	6.9E-11	3.7E-12	3.7E-12	5.9E-18	3.6E-17	1.1E-10
2,3,4,6,7,8-HxCDF	5.7E-15	6.4E-13	8.9E-13	2.5E-12	7.0E-12	1.4E-10	3.1E-10	1.7E-11	1.7E-11	3.6E-17	2.2E-16	4.9E-10
2,3,4,7,8-PeCDF	9.1E-14	2.5E-12	3.5E-12	9.8E-12	2.8E-11	6.7E-10	1.6E-09	8.4E-11	8.4E-11	1.4E-16	8.7E-16	2.4E-09
2,3,7,8-TCDD	2.8E-14	3.6E-13	5.0E-13	1.4E-12	4.0E-12	1.7E-10	3.9E-10	2.1E-11	2.1E-11	1.4E-14	8.7E-14	6.1E-10
2,3,7,8-TCDF	8.9E-15	6.6E-14	9.2E-14	2.6E-13	7.3E-13	6.2E-11	1.4E-10	7.8E-12	7.8E-12	3.7E-18	2.3E-17	2.2E-10
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	1.8E-13	4.2E-13	2.3E-14	2.3E-14	5.3E-20	3.3E-19	6.7E-13
OCDF	6.9E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	6.9E-14	1.6E-13	8.6E-15	8.6E-15	2.0E-20	1.3E-19	2.5E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-735 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.0E-16	7.7E-08	3.0E-08	1.8E-07	1.4E-07	2.2E-10	5.1E-10	2.7E-11	2.7E-11	4.3E-11	7.2E-11	4.3E-07
Barium												
Beryllium						8.8E-12	2.0E-11	1.1E-12	1.1E-12	1.1E-20	6.5E-20	3.1E-11
Cadmium						1.2E-10	2.7E-10	1.5E-11	1.5E-11	6.2E-21	3.8E-20	4.2E-10
Chromium												
Cobalt						7.6E-09	1.8E-08	9.5E-10	9.5E-10	1.2E-09	3.1E-09	3.1E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						7.7E-11	1.8E-10	9.7E-12	9.7E-12	6.4E-10	1.7E-09	2.6E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		5.9E-19	8.3E-19	5.4E-19	1.5E-18							3.5E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	3.9E-13	5.6E-09	3.2E-08	5.1E-09	5.8E-08	2.8E-11	6.5E-11	3.5E-12	3.5E-12	1.2E-11	7.1E-11	1.0E-07
Benzo(a)pyrene	1.9E-12	5.3E-08	3.5E-07	4.8E-08	6.4E-07	1.1E-10	2.6E-10	1.4E-11	1.4E-11	3.6E-13	1.0E-11	1.1E-06
Benzo(b)fluoranthene	5.2E-14	8.2E-09	4.9E-08	7.5E-09	9.0E-08	1.2E-11	2.9E-11	1.5E-12	1.5E-12	5.5E-14	1.5E-12	1.5E-07
Benzo(e)pyrene												

Table H-735 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	4.3E-17	4.4E-10	2.5E-09	4.0E-10	4.5E-09	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.0E-14	7.4E-13	7.9E-09
Biphenyl				2.3E-18	6.4E-18							8.7E-18
Chrysene	6.7E-16	7.1E-11	3.6E-10	6.4E-11	6.5E-10	4.8E-12	1.1E-11	6.0E-13	6.0E-13	4.7E-15	1.1E-13	1.2E-09
Dibenze(a,h)anthracene	9.7E-14	1.2E-08	8.7E-08	1.1E-08	1.6E-07	1.9E-11	4.4E-11	2.4E-12	2.4E-12	9.1E-14	2.8E-12	2.7E-07
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	2.4E-14	3.5E-09	2.3E-08	3.2E-09	4.1E-08	5.8E-12	1.3E-11	7.3E-13	7.3E-13	2.4E-14	6.7E-13	7.1E-08
Napthalene						4.3E-10	1.0E-09	5.4E-11	5.4E-11			1.5E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	3.6E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	1.6E-13	3.7E-13	2.0E-14	2.0E-14	7.8E-20	4.8E-19	5.7E-13
Heptachlorobiphenyl	3.9E-17	1.1E-17	1.6E-17	9.7E-18	2.7E-17	6.2E-14	1.4E-13	7.7E-15	7.7E-15	1.4E-19	8.6E-19	2.2E-13
Hexachlorobiphenyl	1.6E-16	5.2E-17	7.2E-17	4.4E-17	1.2E-16	2.6E-13	6.0E-13	3.3E-14	3.3E-14	6.3E-19	3.9E-18	9.3E-13
Monochlorobiphenyl	2.6E-16	2.4E-17	3.4E-17	2.0E-17	5.7E-17	1.1E-12	2.6E-12	1.4E-13	1.4E-13	5.4E-19	3.3E-18	4.0E-12
Nonachlorobiphenyl	4.9E-18	2.0E-18	2.8E-18	1.7E-18	4.8E-18	8.8E-15	2.0E-14	1.1E-15	1.1E-15	2.5E-20	1.5E-19	3.1E-14
Octachlorobiphenyl	1.2E-17	3.7E-18	5.2E-18	3.1E-18	8.8E-18	1.9E-14	4.4E-14	2.4E-15	2.4E-15	4.5E-20	2.8E-19	6.8E-14
Pentachlorobiphenyl	5.3E-16	1.9E-16	2.6E-16	1.6E-16	4.4E-16	8.9E-13	2.1E-12	1.1E-13	1.1E-13	2.3E-18	1.4E-17	3.2E-12
Tetrachlorobiphenyl	1.1E-17	1.3E-18	1.8E-18	1.1E-18	3.1E-18	5.2E-14	1.2E-13	6.5E-15	6.5E-15	3.0E-20	1.8E-19	1.8E-13
Trichlorobiphenyl	1.4E-17	1.6E-18	2.2E-18	1.3E-18	3.8E-18	6.5E-14	1.5E-13	8.2E-15	8.2E-15	3.6E-20	2.2E-19	2.3E-13
Pesticides												
DDE				2.6E-09	6.4E-09					2.4E-11	1.5E-10	9.2E-09
Dieldrin		6.5E-10	1.4E-08	7.6E-10	3.2E-08					1.1E-14	1.0E-12	4.7E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	4.3E-20					1.4E-12	3.3E-12	1.8E-13	1.8E-13			5.1E-12
1,4-Dioxane						5.5E-08						5.5E-08

Table H-735 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	5.9E-16	8.1E-15	1.1E-14	9.5E-15	2.7E-14	3.9E-11	9.0E-11	4.9E-12	4.9E-12	8.0E-20	4.9E-19	1.4E-10
Butyl benzyl phthalate	2.9E-17	5.3E-19	7.4E-19	6.3E-19	1.8E-18							3.2E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	4.5E-17					8.4E-11	1.9E-10	1.0E-11	1.0E-11			3.0E-10
Isopropanol												
p-Chloroaniline			5.6E-09		1.3E-08							1.9E-08
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	6.0E-21					8.6E-14	2.0E-13	1.1E-14	1.1E-14			3.0E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	2.8E-18											2.8E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	6.4E-20					3.6E-12	8.2E-12	4.4E-13	4.4E-13			1.3E-11
1,2-Dichloroethane	9.1E-20					6.2E-12	9.8E-08	2.2E-09	2.2E-09			1.0E-07
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												

Table H-735 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorotoluene												
2-Hexanone												
Benzene	9.3E-18					4.3E-08	1.8E-07	6.5E-09	6.5E-09			2.4E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	1.7E-21					3.0E-13	1.1E-06	3.8E-14	3.8E-14			1.1E-06
Bromoform							1.4E-07					1.4E-07
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	8.1E-22					6.7E-08	2.0E-07	7.9E-09	7.9E-09			2.8E-07
Chlorobenzene												
Chlorodibromomethane	1.3E-19											1.3E-19
Chloroethane												
Chloroform	7.5E-21					8.6E-08	1.6E-06	4.7E-09	4.7E-09			1.7E-06
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	1.4E-18					7.8E-09	4.7E-08	5.2E-12	5.2E-12			5.5E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	4.4E-21					1.5E-14	3.6E-14	1.9E-15	1.9E-15			5.5E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	1.2E-22					2.7E-15	6.2E-15	3.4E-16	3.4E-16			9.6E-15
Toluene												
trans-1,2-Dichloroethene												

Table H-735 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,3-Dichloropropene												
Trichloroethene	2.7E-23					3.5E-09	1.6E-07	3.2E-16	3.2E-16			1.6E-07
Trichlorofluoromethane												
Vinyl chloride	3.0E-20					5.3E-09	4.3E-12	2.3E-13	2.3E-13			5.3E-09
Grand Total	2.7E-12	1.6E-07	5.9E-07	2.6E-07	1.2E-06	2.8E-07	3.5E-06	2.3E-08	2.3E-08	1.9E-09	5.1E-09	6.0E-06

Table H-736 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					6.3E-05	1.5E-04	7.9E-06	7.9E-06			2.2E-04
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.1E-02	2.0E-02					1.1E-04	4.2E-04	3.1E-02
Antimony	3.9E-14			6.4E-04	3.6E-03							4.2E-03

Table H-736 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	2.0E-03	7.7E-04	4.7E-03	3.6E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	7.7E-06	1.3E-05	1.1E-02
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				1.0E-01	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.6E-04	6.6E-04	2.3E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				3.6E-02	5.4E-02							9.0E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	6.3E-03	3.9E-02	4.5E-02
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.9E-02	3.5E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.2E-04	8.5E-04	6.6E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Thallium (Soluble Salts)				2.7E-02	1.7E-02							4.4E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-736 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
DDE												
Dieldrin		9.4E-06	2.0E-04	1.1E-05	4.7E-04							6.9E-04
SVOCs												
1,2,4-trichlorobenzene								1.3E-07	3.1E-07	1.7E-08	1.7E-08	4.8E-07
1,2-dichlorobenzene	3.1E-17							5.4E-10	1.3E-09	6.8E-11	6.8E-11	1.9E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15							1.9E-09	4.4E-09	2.4E-10	2.4E-10	6.8E-09
1,4-Dioxane								4.3E-03				4.3E-03

Table H-736 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.0E-02	1.1E-02					2.1E-02
p-Chloroaniline			8.2E-05		1.9E-04							2.8E-04
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	6.3E-03	1.4E-04	1.4E-04			6.5E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08

Table H-736 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.1E-03	9.0E-03	3.2E-04	3.2E-04			1.2E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromoform												
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.3E-03	3.9E-03	1.5E-04	1.5E-04			5.5E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					4.4E-04	8.1E-03	2.4E-05	2.4E-05			8.6E-03
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					3.7E-05	2.2E-04	2.4E-08	2.4E-08			2.6E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15

Table H-736 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					5.0E-03	2.2E-01	4.5E-10	4.5E-10			2.3E-01
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					1.4E-04	1.1E-07	6.2E-09	6.2E-09			1.4E-04
Grand Total	5.0E-09	2.0E-03	1.0E-03	2.1E-01	2.6E-01	2.6E-02	2.7E-01	1.0E-03	1.0E-03	7.0E-03	4.1E-02	8.2E-01

Table H-737 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						2.7E-10	6.3E-10	3.4E-11	3.4E-11			9.7E-10
Formaldehyde						6.9E-10	4.4E-05	8.6E-11	8.6E-11			4.4E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.4E-16	1.4E-13	1.9E-13	5.5E-13	1.5E-12	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.8E-18	4.8E-17	1.0E-10
1,2,3,4,6,7,8-HpCDF	1.3E-16	1.4E-13	2.0E-13	5.5E-13	1.5E-12	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.9E-18	4.9E-17	1.0E-10
1,2,3,4,7,8,9-HpCDF	2.0E-17	1.6E-14	2.2E-14	6.3E-14	1.8E-13	3.5E-12	8.2E-12	4.4E-13	4.4E-13	9.1E-19	5.6E-18	1.3E-11
1,2,3,4,7,8-HxCDD	1.6E-15	1.6E-13	2.2E-13	6.2E-13	1.7E-12	3.3E-11	7.6E-11	4.1E-12	4.1E-12	8.9E-18	5.5E-17	1.2E-10
1,2,3,4,7,8-HxCDF	1.1E-14	1.2E-12	1.7E-12	4.9E-12	1.4E-11	2.7E-10	6.2E-10	3.4E-11	3.4E-11	7.0E-17	4.3E-16	9.8E-10
1,2,3,6,7,8-HxCDD	3.0E-15	3.2E-13	4.5E-13	1.3E-12	3.5E-12	7.0E-11	1.6E-10	8.7E-12	8.7E-12	1.8E-17	1.1E-16	2.5E-10
1,2,3,6,7,8-HxCDF	3.9E-15	4.1E-13	5.7E-13	1.6E-12	4.5E-12	8.7E-11	2.0E-10	1.1E-11	1.1E-11	2.3E-17	1.4E-16	3.2E-10
1,2,3,7,8,9-HxCDD	4.3E-15	5.1E-13	7.1E-13	2.0E-12	5.6E-12	1.1E-10	2.4E-10	1.3E-11	1.3E-11	2.9E-17	1.8E-16	3.9E-10
1,2,3,7,8,9-HxCDF	3.2E-16	2.9E-14	4.1E-14	1.2E-13	3.2E-13	6.7E-12	1.5E-11	8.4E-13	8.4E-13	1.6E-18	1.0E-17	2.4E-11
1,2,3,7,8-PeCDD	8.2E-14	1.8E-12	2.5E-12	7.0E-12	2.0E-11	4.2E-10	9.7E-10	5.3E-11	5.3E-11	1.0E-16	6.2E-16	1.5E-09
1,2,3,7,8-PeCDF	5.7E-15	1.0E-13	1.5E-13	4.1E-13	1.2E-12	3.0E-11	6.9E-11	3.7E-12	3.7E-12	5.9E-18	3.6E-17	1.1E-10
2,3,4,6,7,8-HxCDF	5.7E-15	6.4E-13	8.9E-13	2.5E-12	7.0E-12	1.4E-10	3.1E-10	1.7E-11	1.7E-11	3.6E-17	2.2E-16	4.9E-10
2,3,4,7,8-PeCDF	9.1E-14	2.5E-12	3.5E-12	9.8E-12	2.8E-11	6.7E-10	1.6E-09	8.4E-11	8.4E-11	1.4E-16	8.7E-16	2.4E-09
2,3,7,8-TCDD	2.8E-14	3.6E-13	5.0E-13	1.4E-12	4.0E-12	1.7E-10	3.9E-10	2.1E-11	2.1E-11	1.4E-14	8.7E-14	6.1E-10
2,3,7,8-TCDF	8.9E-15	6.6E-14	9.2E-14	2.6E-13	7.3E-13	6.2E-11	1.4E-10	7.8E-12	7.8E-12	3.7E-18	2.3E-17	2.2E-10
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	1.8E-13	4.2E-13	2.3E-14	2.3E-14	5.3E-20	3.3E-19	6.7E-13
OCDF	6.9E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	6.9E-14	1.6E-13	8.6E-15	8.6E-15	2.0E-20	1.3E-19	2.5E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-737 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.0E-16	7.7E-08	5.9E-08	1.8E-07	2.8E-07	2.2E-10	5.1E-10	2.7E-11	2.7E-11	4.3E-11	1.4E-10	6.0E-07
Barium												
Beryllium						8.8E-12	2.0E-11	1.1E-12	1.1E-12	1.1E-20	6.5E-20	3.1E-11
Cadmium						1.2E-10	2.7E-10	1.5E-11	1.5E-11	6.2E-21	3.8E-20	4.2E-10
Chromium												
Cobalt						7.6E-09	1.8E-08	9.5E-10	9.5E-10	1.2E-09	3.1E-09	3.1E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						7.7E-11	1.8E-10	9.7E-12	9.7E-12	6.4E-10	1.9E-09	2.8E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		5.9E-19	8.3E-19	5.4E-19	1.5E-18							3.5E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	3.9E-13	5.6E-09	1.6E-13	5.1E-09	2.9E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	1.2E-11	7.1E-11	1.1E-08
Benzo(a)pyrene	1.9E-12	5.3E-08	7.2E-13	4.8E-08	1.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	3.6E-13	2.1E-17	1.0E-07
Benzo(b)fluoranthene	5.2E-14	8.2E-09	4.2E-15	7.5E-09	7.6E-15	1.2E-11	2.9E-11	1.5E-12	1.5E-12	5.5E-14	1.2E-19	1.6E-08
Benzo(e)pyrene												

Table H-737 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	4.3E-17	4.4E-10	5.2E-16	4.0E-10	9.5E-16	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.0E-14	1.5E-19	8.4E-10
Biphenyl				2.3E-18	6.4E-18							8.7E-18
Chrysene	6.7E-16	7.1E-11	2.1E-15	6.4E-11	3.8E-15	4.8E-12	1.1E-11	6.0E-13	6.0E-13	4.7E-15	6.2E-19	1.5E-10
Dibenze(a,h)anthracene	9.7E-14	1.2E-08	2.6E-13	1.1E-08	4.8E-13	1.9E-11	4.4E-11	2.4E-12	2.4E-12	9.1E-14	8.5E-18	2.4E-08
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	2.4E-14	3.5E-09	7.3E-14	3.2E-09	1.3E-13	5.8E-12	1.3E-11	7.3E-13	7.3E-13	2.4E-14	2.1E-18	6.8E-09
Napthalene						4.3E-10	1.0E-09	5.4E-11	5.4E-11			1.5E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	3.6E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	1.6E-13	3.7E-13	2.0E-14	2.0E-14	7.8E-20	4.8E-19	5.7E-13
Heptachlorobiphenyl	3.9E-17	1.1E-17	1.6E-17	9.7E-18	2.7E-17	6.2E-14	1.4E-13	7.7E-15	7.7E-15	1.4E-19	8.6E-19	2.2E-13
Hexachlorobiphenyl	1.6E-16	5.2E-17	7.2E-17	4.4E-17	1.2E-16	2.6E-13	6.0E-13	3.3E-14	3.3E-14	6.3E-19	3.9E-18	9.3E-13
Monochlorobiphenyl	2.6E-16	2.4E-17	3.4E-17	2.0E-17	5.7E-17	1.1E-12	2.6E-12	1.4E-13	1.4E-13	5.4E-19	3.3E-18	4.0E-12
Nonachlorobiphenyl	4.9E-18	2.0E-18	2.8E-18	1.7E-18	4.8E-18	8.8E-15	2.0E-14	1.1E-15	1.1E-15	2.5E-20	1.5E-19	3.1E-14
Octachlorobiphenyl	1.2E-17	3.7E-18	5.2E-18	3.1E-18	8.8E-18	1.9E-14	4.4E-14	2.4E-15	2.4E-15	4.5E-20	2.8E-19	6.8E-14
Pentachlorobiphenyl	5.3E-16	1.9E-16	2.6E-16	1.6E-16	4.4E-16	8.9E-13	2.1E-12	1.1E-13	1.1E-13	2.3E-18	1.4E-17	3.2E-12
Tetrachlorobiphenyl	1.1E-17	1.3E-18	1.8E-18	1.1E-18	3.1E-18	5.2E-14	1.2E-13	6.5E-15	6.5E-15	3.0E-20	1.8E-19	1.8E-13
Trichlorobiphenyl	1.4E-17	1.6E-18	2.2E-18	1.3E-18	3.8E-18	6.5E-14	1.5E-13	8.2E-15	8.2E-15	3.6E-20	2.2E-19	2.3E-13
Pesticides												
DDE				2.6E-09	2.3E-09					2.4E-11	1.5E-10	5.1E-09
Dieldrin		6.5E-10		7.6E-10						1.1E-14		1.4E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	4.3E-20					1.4E-12	3.3E-12	1.8E-13	1.8E-13			5.1E-12
1,4-Dioxane						5.5E-08						5.5E-08

Table H-737 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	5.9E-16	8.1E-15	1.1E-14	9.5E-15	2.7E-14	3.9E-11	9.0E-11	4.9E-12	4.9E-12	8.0E-20	4.9E-19	1.4E-10
Butyl benzyl phthalate	2.9E-17	5.3E-19	7.4E-19	6.3E-19	1.8E-18							3.2E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	4.5E-17					8.4E-11	1.9E-10	1.0E-11	1.0E-11			3.0E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	6.0E-21					8.6E-14	2.0E-13	1.1E-14	1.1E-14			3.0E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	2.8E-18											2.8E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	6.4E-20					3.6E-12	8.2E-12	4.4E-13	4.4E-13			1.3E-11
1,2-Dichloroethane	9.1E-20					6.2E-12	1.4E-11	2.2E-09	2.2E-09			4.5E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												

Table H-737 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone												
Benzene	9.3E-18					4.3E-08	1.3E-09	6.5E-09	6.5E-09			5.7E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	1.7E-21					3.0E-13	7.0E-13	3.8E-14	3.8E-14			1.1E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	8.1E-22					6.7E-08	2.6E-13	7.9E-09	7.9E-09			8.3E-08
Chlorobenzene												
Chlorodibromomethane	1.3E-19											1.3E-19
Chloroethane												
Chloroform	7.5E-21					8.6E-08	8.9E-12	4.7E-09	4.7E-09			9.5E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	1.4E-18					7.8E-09	9.7E-11	5.2E-12	5.2E-12			7.9E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	4.4E-21					1.5E-14	3.6E-14	1.9E-15	1.9E-15			5.5E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	1.2E-22					2.7E-15	6.2E-15	3.4E-16	3.4E-16			9.6E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	2.7E-23					3.5E-09	5.9E-15	3.2E-16	3.2E-16			3.5E-09

Table H-737 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane												
Vinyl chloride	3.0E-20					5.3E-09	4.3E-12	2.3E-13	2.3E-13			5.3E-09
Grand Total	2.7E-12	1.6E-07	5.9E-08	2.6E-07	2.8E-07	2.8E-07	4.4E-05	2.3E-08	2.3E-08	1.9E-09	5.4E-09	4.5E-05

Table H-738 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					6.3E-05	4.0E+00	7.9E-06	7.9E-06			4.0E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.1E-02	2.4E-02					1.1E-04	5.1E-04	3.5E-02
Antimony	3.9E-14			6.4E-04	1.2E-03							1.8E-03

Table H-738 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	2.0E-03	1.5E-03	4.7E-03	7.2E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	7.7E-06	2.6E-05	1.6E-02
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				1.0E-01	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.6E-04	6.7E-04	2.4E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				3.6E-02	5.7E-02							9.3E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	6.3E-03	3.9E-02	4.5E-02
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.9E-02	4.0E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.2E-04	9.5E-04	7.0E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Thallium (Soluble Salts)				2.7E-02	1.4E-02							4.1E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-738 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
DDE												
Dieldrin		9.4E-06		1.1E-05								2.1E-05
SVOCs												
1,2,4-trichlorobenzene								1.3E-07	3.1E-07	1.7E-08	1.7E-08	4.8E-07
1,2-dichlorobenzene	3.1E-17							5.4E-10	1.3E-09	6.8E-11	6.8E-11	1.9E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15							1.9E-09	4.4E-09	2.4E-10	2.4E-10	6.8E-09
1,4-Dioxane								4.3E-03				4.3E-03

Table H-738 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.0E-02						1.0E-02
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	9.1E-07	1.4E-04	1.4E-04			2.9E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												

Table H-738 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.1E-03	6.7E-05	3.2E-04	3.2E-04			2.8E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.3E-03	5.0E-09	1.5E-04	1.5E-04			1.6E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					4.4E-04	4.6E-08	2.4E-05	2.4E-05			4.9E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					3.7E-05	4.5E-07	2.4E-08	2.4E-08			3.7E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					5.0E-03	8.4E-09	4.5E-10	4.5E-10			5.0E-03

Table H-738 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					1.4E-04	1.1E-07	6.2E-09	6.2E-09			1.4E-04
Grand Total	5.0E-09	2.0E-03	1.5E-03	2.1E-01	2.7E-01	2.6E-02	4.0E+00	1.0E-03	1.0E-03	7.0E-03	4.1E-02	4.6E+00

Table H-739 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						2.7E-10	6.3E-10	3.4E-11	3.4E-11			9.7E-10
Formaldehyde						6.9E-10	3.0E-05	8.6E-11	8.6E-11			3.0E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.4E-16	1.4E-13	1.9E-13	5.5E-13	1.5E-12	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.8E-18	4.8E-17	1.0E-10
1,2,3,4,6,7,8-HpCDF	1.3E-16	1.4E-13	2.0E-13	5.5E-13	1.5E-12	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.9E-18	4.9E-17	1.0E-10
1,2,3,4,7,8,9-HpCDF	2.0E-17	1.6E-14	2.2E-14	6.3E-14	1.8E-13	3.5E-12	8.2E-12	4.4E-13	4.4E-13	9.1E-19	5.6E-18	1.3E-11
1,2,3,4,7,8-HxCDD	1.6E-15	1.6E-13	2.2E-13	6.2E-13	1.7E-12	3.3E-11	7.6E-11	4.1E-12	4.1E-12	8.9E-18	5.5E-17	1.2E-10
1,2,3,4,7,8-HxCDF	1.1E-14	1.2E-12	1.7E-12	4.9E-12	1.4E-11	2.7E-10	6.2E-10	3.4E-11	3.4E-11	7.0E-17	4.3E-16	9.8E-10
1,2,3,6,7,8-HxCDD	3.0E-15	3.2E-13	4.5E-13	1.3E-12	3.5E-12	7.0E-11	1.6E-10	8.7E-12	8.7E-12	1.8E-17	1.1E-16	2.5E-10
1,2,3,6,7,8-HxCDF	3.9E-15	4.1E-13	5.7E-13	1.6E-12	4.5E-12	8.7E-11	2.0E-10	1.1E-11	1.1E-11	2.3E-17	1.4E-16	3.2E-10
1,2,3,7,8,9-HxCDD	4.3E-15	5.1E-13	7.1E-13	2.0E-12	5.6E-12	1.1E-10	2.4E-10	1.3E-11	1.3E-11	2.9E-17	1.8E-16	3.9E-10
1,2,3,7,8,9-HxCDF	3.2E-16	2.9E-14	4.1E-14	1.2E-13	3.2E-13	6.7E-12	1.5E-11	8.4E-13	8.4E-13	1.6E-18	1.0E-17	2.4E-11
1,2,3,7,8-PeCDD	8.2E-14	1.8E-12	2.5E-12	7.0E-12	2.0E-11	4.2E-10	9.7E-10	5.3E-11	5.3E-11	1.0E-16	6.2E-16	1.5E-09
1,2,3,7,8-PeCDF	5.7E-15	1.0E-13	1.5E-13	4.1E-13	1.2E-12	3.0E-11	6.9E-11	3.7E-12	3.7E-12	5.9E-18	3.6E-17	1.1E-10
2,3,4,6,7,8-HxCDF	5.7E-15	6.4E-13	8.9E-13	2.5E-12	7.0E-12	1.4E-10	3.1E-10	1.7E-11	1.7E-11	3.6E-17	2.2E-16	4.9E-10
2,3,4,7,8-PeCDF	9.1E-14	2.5E-12	3.5E-12	9.8E-12	2.8E-11	6.7E-10	1.6E-09	8.4E-11	8.4E-11	1.4E-16	8.7E-16	2.4E-09
2,3,7,8-TCDD	2.8E-14	3.6E-13	5.0E-13	1.4E-12	4.0E-12	1.7E-10	3.9E-10	2.1E-11	2.1E-11	1.4E-14	8.7E-14	6.1E-10
2,3,7,8-TCDF	8.9E-15	6.6E-14	9.2E-14	2.6E-13	7.3E-13	6.2E-11	1.4E-10	7.8E-12	7.8E-12	3.7E-18	2.3E-17	2.2E-10
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	1.8E-13	4.2E-13	2.3E-14	2.3E-14	5.3E-20	3.3E-19	6.7E-13
OCDF	6.9E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	6.9E-14	1.6E-13	8.6E-15	8.6E-15	2.0E-20	1.3E-19	2.5E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-739 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.0E-16	7.7E-08	2.3E-08	1.8E-07	1.1E-07	2.2E-10	5.1E-10	2.7E-11	2.7E-11	4.3E-11	5.7E-11	3.9E-07
Barium												
Beryllium						8.8E-12	2.0E-11	1.1E-12	1.1E-12	1.1E-20	6.5E-20	3.1E-11
Cadmium						1.2E-10	2.7E-10	1.5E-11	1.5E-11	6.2E-21	3.8E-20	4.2E-10
Chromium												
Cobalt						7.6E-09	1.8E-08	9.5E-10	9.5E-10	1.2E-09	5.3E-09	3.3E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						7.7E-11	1.8E-10	9.7E-12	9.7E-12	6.4E-10	3.2E-09	4.1E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		5.9E-19	8.3E-19	5.4E-19	1.5E-18							3.5E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	3.9E-13	5.6E-09	1.6E-13	5.1E-09	2.9E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	1.2E-11	7.1E-11	1.1E-08
Benzo(a)pyrene	1.9E-12	5.3E-08	8.2E-08	4.8E-08	1.5E-07	1.1E-10	2.6E-10	1.4E-11	1.4E-11	3.6E-13	2.4E-12	3.3E-07
Benzo(b)fluoranthene	5.2E-14	8.2E-09	7.4E-09	7.5E-09	1.4E-08	1.2E-11	2.9E-11	1.5E-12	1.5E-12	5.5E-14	2.2E-13	3.7E-08
Benzo(e)pyrene												

Table H-739 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	4.3E-17	4.4E-10	5.2E-16	4.0E-10	9.5E-16	1.1E-13	2.5E-13	1.4E-14	1.4E-14	3.0E-14	1.5E-19	8.4E-10
Biphenyl				2.3E-18	6.4E-18							8.7E-18
Chrysene	6.7E-16	7.1E-11	2.1E-15	6.4E-11	3.8E-15	4.8E-12	1.1E-11	6.0E-13	6.0E-13	4.7E-15	6.2E-19	1.5E-10
Dibenze(a,h)anthracene	9.7E-14	1.2E-08	2.6E-13	1.1E-08	4.8E-13	1.9E-11	4.4E-11	2.4E-12	2.4E-12	9.1E-14	8.5E-18	2.4E-08
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	2.4E-14	3.5E-09	7.3E-14	3.2E-09	1.3E-13	5.8E-12	1.3E-11	7.3E-13	7.3E-13	2.4E-14	2.1E-18	6.8E-09
Napthalene						4.3E-10	1.0E-09	5.4E-11	5.4E-11			1.5E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	3.6E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	1.6E-13	3.7E-13	2.0E-14	2.0E-14	7.8E-20	4.8E-19	5.7E-13
Heptachlorobiphenyl	3.9E-17	1.1E-17	1.6E-17	9.7E-18	2.7E-17	6.2E-14	1.4E-13	7.7E-15	7.7E-15	1.4E-19	8.6E-19	2.2E-13
Hexachlorobiphenyl	1.6E-16	5.2E-17	7.2E-17	4.4E-17	1.2E-16	2.6E-13	6.0E-13	3.3E-14	3.3E-14	6.3E-19	3.9E-18	9.3E-13
Monochlorobiphenyl	2.6E-16	2.4E-17	3.4E-17	2.0E-17	5.7E-17	1.1E-12	2.6E-12	1.4E-13	1.4E-13	5.4E-19	3.3E-18	4.0E-12
Nonachlorobiphenyl	4.9E-18	2.0E-18	2.8E-18	1.7E-18	4.8E-18	8.8E-15	2.0E-14	1.1E-15	1.1E-15	2.5E-20	1.5E-19	3.1E-14
Octachlorobiphenyl	1.2E-17	3.7E-18	5.2E-18	3.1E-18	8.8E-18	1.9E-14	4.4E-14	2.4E-15	2.4E-15	4.5E-20	2.8E-19	6.8E-14
Pentachlorobiphenyl	5.3E-16	1.9E-16	2.6E-16	1.6E-16	4.4E-16	8.9E-13	2.1E-12	1.1E-13	1.1E-13	2.3E-18	1.4E-17	3.2E-12
Tetrachlorobiphenyl	1.1E-17	1.3E-18	1.8E-18	1.1E-18	3.1E-18	5.2E-14	1.2E-13	6.5E-15	6.5E-15	3.0E-20	1.8E-19	1.8E-13
Trichlorobiphenyl	1.4E-17	1.6E-18	2.2E-18	1.3E-18	3.8E-18	6.5E-14	1.5E-13	8.2E-15	8.2E-15	3.6E-20	2.2E-19	2.3E-13
Pesticides												
DDE				2.6E-09	8.0E-09					2.4E-11	1.5E-10	1.1E-08
Dieldrin		6.5E-10		7.6E-10						1.1E-14		1.4E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	4.3E-20					1.4E-12	3.3E-12	1.8E-13	1.8E-13			5.1E-12
1,4-Dioxane						5.5E-08						5.5E-08

Table H-739 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	5.9E-16	8.1E-15	1.1E-14	9.5E-15	2.7E-14	3.9E-11	9.0E-11	4.9E-12	4.9E-12	8.0E-20	4.9E-19	1.4E-10
Butyl benzyl phthalate	2.9E-17	5.3E-19	7.4E-19	6.3E-19	1.8E-18							3.2E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	4.5E-17					8.4E-11	1.9E-10	1.0E-11	1.0E-11			3.0E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	6.0E-21					8.6E-14	2.0E-13	1.1E-14	1.1E-14			3.0E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	2.8E-18											2.8E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	6.4E-20					3.6E-12	8.2E-12	4.4E-13	4.4E-13			1.3E-11
1,2-Dichloroethane	9.1E-20					6.2E-12	1.4E-11	2.2E-09	2.2E-09			4.5E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												

Table H-739 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone												
Benzene	9.3E-18					4.3E-08	1.3E-09	6.5E-09	6.5E-09			5.7E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	1.7E-21					3.0E-13	7.0E-13	3.8E-14	3.8E-14			1.1E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	8.1E-22					6.7E-08	2.6E-13	7.9E-09	7.9E-09			8.3E-08
Chlorobenzene												
Chlorodibromomethane	1.3E-19											1.3E-19
Chloroethane												
Chloroform	7.5E-21					8.6E-08	8.9E-12	4.7E-09	4.7E-09			9.5E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	1.4E-18					7.8E-09	9.7E-11	5.2E-12	5.2E-12			7.9E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	4.4E-21					1.5E-14	3.6E-14	1.9E-15	1.9E-15			5.5E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	1.2E-22					2.7E-15	6.2E-15	3.4E-16	3.4E-16			9.6E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	2.7E-23					3.5E-09	5.9E-15	3.2E-16	3.2E-16			3.5E-09

Table H-739 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane												
Vinyl chloride	3.0E-20					5.3E-09	4.3E-12	2.3E-13	2.3E-13			5.3E-09
Grand Total	2.7E-12	1.6E-07	1.1E-07	2.6E-07	2.8E-07	2.8E-07	3.0E-05	2.3E-08	2.3E-08	1.9E-09	8.7E-09	3.1E-05

Table H-740 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					6.3E-05	2.7E+00	7.9E-06	7.9E-06			2.7E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.1E-02	1.9E-02					1.1E-04	4.1E-04	3.0E-02
Antimony	3.9E-14			6.4E-04	4.2E-04							1.1E-03

Table H-740 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	2.0E-03	6.1E-04	4.7E-03	2.9E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	7.7E-06	1.0E-05	1.0E-02
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				1.0E-01	2.1E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.6E-04	1.1E-03	3.2E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				3.6E-02	6.2E-02							9.8E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	6.3E-03	3.9E-02	4.5E-02
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.9E-02	6.6E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.2E-04	1.6E-03	9.7E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Thallium (Soluble Salts)				2.7E-02								2.7E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-740 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	1.1E-04	6.2E-06	6.2E-06			1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
DDE												
Dieldrin		9.4E-06		1.1E-05								2.1E-05
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
1,4-Dioxane						4.3E-03						4.3E-03

Table H-740 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.0E-02						1.0E-02
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	9.1E-07	1.4E-04	1.4E-04			2.9E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												

Table H-740 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.1E-03	6.7E-05	3.2E-04	3.2E-04			2.8E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.3E-03	5.0E-09	1.5E-04	1.5E-04			1.6E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					4.4E-04	4.6E-08	2.4E-05	2.4E-05			4.9E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					3.7E-05	4.5E-07	2.4E-08	2.4E-08			3.7E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					5.0E-03	8.4E-09	4.5E-10	4.5E-10			5.0E-03

Table H-740 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					1.4E-04	1.1E-07	6.2E-09	6.2E-09			1.4E-04
Grand Total	5.0E-09	2.0E-03	6.1E-04	2.1E-01	3.6E-01	2.6E-02	2.8E+00	1.0E-03	1.0E-03	7.0E-03	4.2E-02	3.4E+00

Table H-741 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						2.7E-10	9.8E-09	3.4E-11	3.3E-09			1.3E-08
Formaldehyde						6.9E-10	2.3E-08	8.6E-11	7.5E-09			3.1E-08
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.4E-16	1.4E-13	2.6E-12	5.5E-13	2.0E-11	2.8E-11	1.1E-09	3.5E-12	3.7E-10	7.8E-18	6.4E-16	1.5E-09
1,2,3,4,6,7,8-HpCDF	1.3E-16	1.4E-13	2.6E-12	5.5E-13	2.1E-11	2.8E-11	1.1E-09	3.5E-12	3.7E-10	7.9E-18	6.5E-16	1.5E-09
1,2,3,4,7,8,9-HpCDF	2.0E-17	1.6E-14	3.1E-13	6.3E-14	2.5E-12	3.5E-12	1.4E-10	4.4E-13	4.8E-11	9.1E-19	7.8E-17	2.0E-10
1,2,3,4,7,8-HxCDD	1.6E-15	1.6E-13	3.0E-12	6.2E-13	2.4E-11	3.3E-11	1.3E-09	4.1E-12	4.5E-10	8.9E-18	7.5E-16	1.9E-09
1,2,3,4,7,8-HxCDF	1.1E-14	1.2E-12	2.4E-11	4.9E-12	1.9E-10	2.7E-10	1.1E-08	3.4E-11	3.6E-09	7.0E-17	6.0E-15	1.5E-08
1,2,3,6,7,8-HxCDD	3.0E-15	3.2E-13	6.2E-12	1.3E-12	4.9E-11	7.0E-11	2.8E-09	8.7E-12	9.4E-10	1.8E-17	1.5E-15	3.9E-09
1,2,3,6,7,8-HxCDF	3.9E-15	4.1E-13	7.9E-12	1.6E-12	6.3E-11	8.7E-11	3.6E-09	1.1E-11	1.2E-09	2.3E-17	2.0E-15	4.9E-09
1,2,3,7,8,9-HxCDD	4.3E-15	5.1E-13	9.7E-12	2.0E-12	7.7E-11	1.1E-10	4.3E-09	1.3E-11	1.4E-09	2.9E-17	2.4E-15	5.9E-09
1,2,3,7,8,9-HxCDF	3.2E-16	2.9E-14	5.7E-13	1.2E-13	4.5E-12	6.7E-12	2.7E-10	8.4E-13	9.1E-11	1.6E-18	1.4E-16	3.8E-10
1,2,3,7,8-PeCDD	8.2E-14	1.8E-12	3.5E-11	7.0E-12	2.7E-10	4.2E-10	1.7E-08	5.3E-11	5.7E-09	1.0E-16	8.6E-15	2.4E-08
1,2,3,7,8-PeCDF	5.7E-15	1.0E-13	2.1E-12	4.1E-13	1.6E-11	3.0E-11	1.2E-09	3.7E-12	4.1E-10	5.9E-18	5.1E-16	1.7E-09
2,3,4,6,7,8-HxCDF	5.7E-15	6.4E-13	1.2E-11	2.5E-12	9.5E-11	1.4E-10	5.4E-09	1.7E-11	1.8E-09	3.6E-17	3.0E-15	7.5E-09
2,3,4,7,8-PeCDF	9.1E-14	2.5E-12	4.9E-11	9.8E-12	3.9E-10	6.7E-10	2.7E-08	8.4E-11	9.1E-09	1.4E-16	1.2E-14	3.8E-08
2,3,7,8-TCDD	2.8E-14	3.6E-13	5.2E-12	1.4E-12	4.1E-11	1.7E-10	5.7E-09	2.1E-11	1.9E-09	1.4E-14	9.0E-13	7.8E-09
2,3,7,8-TCDF	8.9E-15	6.6E-14	1.3E-12	2.6E-13	1.0E-11	6.2E-11	2.6E-09	7.8E-12	8.5E-10	3.7E-18	3.3E-16	3.5E-09
OCDD	1.8E-20	9.4E-16	1.7E-14	3.7E-15	1.4E-13	1.8E-13	7.2E-12	2.3E-14	2.4E-12	5.3E-20	4.3E-18	1.0E-11
OCDF	6.9E-21	3.6E-16	6.5E-15	1.4E-15	5.1E-14	6.9E-14	2.7E-12	8.6E-15	8.9E-13	2.0E-20	1.6E-18	3.7E-12
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-741 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.0E-16	7.7E-08	6.2E-18	1.8E-07	2.9E-17	2.2E-10	7.7E-09	2.7E-11	2.6E-09	4.3E-11	1.5E-20	2.7E-07
Barium												
Beryllium						8.8E-12	3.0E-10	1.1E-12	1.0E-10	1.1E-20	8.7E-19	4.1E-10
Cadmium						1.2E-10	4.1E-09	1.5E-11	1.4E-09	6.2E-21	5.2E-19	5.6E-09
Chromium												
Cobalt						7.6E-09	1.4E-07	9.5E-10	4.6E-08	1.2E-09	7.3E-13	1.9E-07
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						7.7E-11	2.7E-09	9.7E-12	8.9E-10	6.4E-10	3.7E-19	4.3E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		5.9E-19	1.2E-17	5.4E-19	2.2E-17							3.5E-17
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	3.9E-13	5.6E-09	2.5E-12	5.1E-09	4.6E-12	2.8E-11	1.2E-09	3.5E-12	4.1E-10	1.2E-11	2.3E-14	1.2E-08
Benzo(a)pyrene	1.9E-12	5.3E-08	1.1E-11	4.8E-08	1.9E-11	1.1E-10	4.6E-09	1.4E-11	1.5E-09	3.6E-13	3.1E-16	1.1E-07
Benzo(b)fluoranthene	5.2E-14	8.2E-09	5.8E-14	7.5E-09	1.0E-13	1.2E-11	5.0E-10	1.5E-12	1.7E-10	5.5E-14	1.7E-18	1.6E-08
Benzo(e)pyrene												

Table H-741 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	4.3E-17	4.4E-10	3.4E-15	4.0E-10	6.3E-15	1.1E-13	2.0E-12	1.4E-14	6.5E-13	3.0E-14	1.0E-18	8.5E-10
Biphenyl				2.3E-18	9.6E-17							9.8E-17
Chrysene	6.7E-16	7.1E-11	3.0E-14	6.4E-11	5.5E-14	4.8E-12	2.0E-10	6.0E-13	6.6E-11	4.7E-15	8.9E-18	4.1E-10
Dibenze(a,h)anthracene	9.7E-14	1.2E-08	3.7E-12	1.1E-08	6.8E-12	1.9E-11	7.9E-10	2.4E-12	2.6E-10	9.1E-14	1.2E-16	2.5E-08
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	2.4E-14	3.5E-09	1.0E-12	3.2E-09	1.9E-12	5.8E-12	2.4E-10	7.3E-13	8.0E-11	2.4E-14	3.1E-17	7.1E-09
Napthalene						4.3E-10	1.8E-08	5.4E-11	6.0E-09			2.5E-08
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	3.6E-17	3.5E-18	6.9E-17	2.9E-18	1.2E-16	1.6E-13	6.5E-12	2.0E-14	2.2E-12	7.8E-20	6.8E-18	8.9E-12
Heptachlorobiphenyl	3.9E-17	1.1E-17	2.2E-16	9.7E-18	3.7E-16	6.2E-14	2.5E-12	7.7E-15	8.4E-13	1.4E-19	1.2E-17	3.4E-12
Hexachlorobiphenyl	1.6E-16	5.2E-17	9.3E-16	4.4E-17	1.6E-15	2.6E-13	1.0E-11	3.3E-14	3.4E-12	6.3E-19	5.0E-17	1.4E-11
Monochlorobiphenyl	2.6E-16	2.4E-17	4.8E-16	2.0E-17	8.1E-16	1.1E-12	4.6E-11	1.4E-13	1.5E-11	5.4E-19	4.8E-17	6.2E-11
Nonachlorobiphenyl	4.9E-18	2.0E-18	3.1E-17	1.7E-18	5.3E-17	8.8E-15	3.1E-13	1.1E-15	1.0E-13	2.5E-20	1.7E-18	4.2E-13
Octachlorobiphenyl	1.2E-17	3.7E-18	6.8E-17	3.1E-18	1.1E-16	1.9E-14	7.4E-13	2.4E-15	2.5E-13	4.5E-20	3.7E-18	1.0E-12
Pentachlorobiphenyl	5.3E-16	1.9E-16	3.2E-15	1.6E-16	5.4E-15	8.9E-13	3.4E-11	1.1E-13	1.1E-11	2.3E-18	1.7E-16	4.6E-11
Tetrachlorobiphenyl	1.1E-17	1.3E-18	2.2E-17	1.1E-18	3.8E-17	5.2E-14	1.9E-12	6.5E-15	6.5E-13	3.0E-20	2.2E-18	2.6E-12
Trichlorobiphenyl	1.4E-17	1.6E-18	2.8E-17	1.3E-18	4.8E-17	6.5E-14	2.5E-12	8.2E-15	8.5E-13	3.6E-20	2.8E-18	3.5E-12
Pesticides												
DDE				2.6E-09						2.4E-11		2.6E-09
Dieldrin		6.5E-10		7.6E-10						1.1E-14		1.4E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	4.3E-20					1.4E-12	6.4E-11	1.8E-13	2.1E-11			8.7E-11
1,4-Dioxane						5.5E-08						5.5E-08

Table H-741 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	5.9E-16	8.1E-15	1.4E-13	9.5E-15	3.4E-13	3.9E-11	1.5E-09	4.9E-12	5.1E-10	8.0E-20	6.3E-18	2.1E-09
Butyl benzyl phthalate	2.9E-17	5.3E-19	1.1E-17	6.3E-19	2.6E-17							6.6E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	4.5E-17					8.4E-11	1.5E-09	1.0E-11	5.0E-10			2.1E-09
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	6.0E-21					8.6E-14	2.9E-12	1.1E-14	9.7E-13			4.0E-12
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	2.8E-18											2.8E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	6.4E-20					3.6E-12	6.3E-11	4.4E-13	2.1E-11			8.9E-11
1,2-Dichloroethane	9.1E-20					6.2E-12	2.3E-10	2.2E-09	7.8E-11			2.5E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												

Table H-741 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone												
Benzene	9.3E-18					4.3E-08	2.3E-08	6.5E-09	7.6E-09			8.0E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	1.7E-21					3.0E-13	5.4E-12	3.8E-14	1.8E-12			7.5E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	8.1E-22					6.7E-08	2.0E-12	7.9E-09	6.7E-13			7.5E-08
Chlorobenzene												
Chlorodibromomethane	1.3E-19											1.3E-19
Chloroethane												
Chloroform	7.5E-21					8.6E-08	7.5E-11	4.7E-09	2.5E-11			9.0E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	1.4E-18					7.8E-09	1.6E-09	5.2E-12	5.3E-10			9.9E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	4.4E-21					1.5E-14	5.7E-13	1.9E-15	1.9E-13			7.8E-13
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	1.2E-22					2.7E-15	9.4E-14	3.4E-16	3.1E-14			1.3E-13
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	2.7E-23					3.5E-09	4.6E-14	3.2E-16	1.5E-14			3.5E-09

Table H-741 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane												
Vinyl chloride	3.0E-20					5.3E-09	4.5E-11	2.3E-13	1.5E-11			5.3E-09
Grand Total	2.7E-12	1.6E-07	1.8E-10	2.6E-07	1.3E-09	2.8E-07	3.2E-07	2.3E-08	1.1E-07	1.9E-09	1.7E-12	1.2E-06

Table H-742 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	1.5E-03	5.2E-06	5.0E-04			2.0E-03
Aldehydes												
Acetaldehyde						1.6E-04	5.8E-03	2.0E-05	1.9E-03			7.9E-03
Formaldehyde	2.3E-12					6.3E-05	2.1E-03	7.9E-06	6.9E-04			2.8E-03
Propionaldehyde						2.0E-05	7.2E-04	2.5E-06	2.4E-04	2.1E-12	1.5E-10	9.8E-04
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-06	3.1E-07	9.0E-06	1.3E-06	4.3E-05	1.6E-07	1.4E-05	1.8E-10	1.2E-08	7.0E-05
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	7.7E-03	2.5E-05	2.6E-03			1.1E-02
Metals												
Aluminum				1.1E-02						1.1E-04		1.1E-02
Antimony	3.9E-14			6.4E-04								6.4E-04

Table H-742 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Outdoor Vapors at CJ	Inhalation of Outdoor Vapors at Home	Grand Total
Arsenic	2.7E-12	2.0E-03	1.6E-13	4.7E-03	7.6E-13	4.0E-05	1.4E-03	4.9E-06	4.7E-04	7.7E-06	2.7E-15	8.6E-03
Barium	1.4E-11			2.2E-08	7.5E-07	2.5E-04	6.8E-03	3.1E-05	2.3E-03	4.3E-10	3.2E-08	9.3E-03
Beryllium	1.7E-14			5.2E-13	2.0E-11	2.1E-06	7.3E-05	2.7E-07	2.4E-05	2.6E-15	2.1E-13	9.9E-05
Cadmium	8.3E-12			8.2E-13	3.1E-11	7.6E-05	2.6E-03	9.5E-06	8.8E-04	4.0E-15	3.4E-13	3.6E-03
Chromium	1.9E-15			6.4E-11	2.5E-09							2.6E-09
Cobalt				1.0E-01	4.7E-05	1.6E-03	3.0E-02	2.0E-04	9.9E-03	2.6E-04	2.6E-07	1.5E-01
Copper				1.1E-08	4.3E-07							4.4E-07
Iron				3.6E-02								3.6E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.6E-09	7.8E-08	2.8E-06	9.8E-09	9.2E-07	1.0E-14	7.1E-13	3.8E-06
Mercury, elemental						3.3E-10	1.2E-08	4.1E-11	3.8E-09	6.3E-03		6.3E-03
Methyl Mercury	1.3E-10			3.8E-11	1.5E-09							1.6E-09
Nickel	1.7E-13			2.9E-02	7.8E-12	3.9E-05	1.3E-03	4.8E-06	4.4E-04	3.2E-04	1.9E-13	3.1E-02
Phosphorus				3.7E-10	1.4E-08							1.4E-08
Selenium	5.5E-14			8.1E-15	3.1E-13	8.7E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-20	8.4E-18	4.2E-07
Silver	4.2E-14			1.7E-10	6.3E-09							6.5E-09
Thallium (Soluble Salts)				2.7E-02								2.7E-02
Titanium												
Zinc	1.4E-11			6.1E-13	2.2E-11							3.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	6.9E-14	3.1E-15	1.3E-13							2.0E-13
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	1.2E-12	5.2E-14	2.1E-12							3.4E-12
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-742 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	2.8E-13	2.8E-04	1.2E-02	3.5E-05	3.9E-03	4.9E-12	4.5E-10	1.6E-02
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	3.4E-11	1.5E-12	6.3E-11							1.1E-10
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	2.1E-03	6.2E-06	6.9E-04			2.8E-03
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.9E-10	8.5E-12	3.5E-10							5.6E-10
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.8E-10	1.2E-11	4.7E-10							8.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	1.1E-10	4.9E-12	1.9E-10	9.8E-10	3.9E-08	1.2E-10	1.3E-08	3.8E-15	3.3E-13	5.4E-08
Hexachlorobiphenyl	4.7E-11	2.6E-11	4.7E-10	2.2E-11	8.0E-10	4.1E-06	1.6E-04	5.1E-07	5.3E-05	1.7E-11	1.4E-09	2.2E-04
Monochlorobiphenyl	6.1E-10	9.8E-11	2.0E-09	8.3E-11	3.3E-09							6.0E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.6E-11	8.6E-13	2.7E-11							4.6E-11
Octachlorobiphenyl	3.4E-12	1.9E-12	3.4E-11	1.6E-12	5.8E-11							9.9E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.6E-09	8.0E-11	2.7E-09	4.6E-05	1.7E-03	5.7E-06	5.7E-04	2.0E-10	1.5E-08	2.3E-03
Tetrachlorobiphenyl	2.6E-11	5.4E-12	9.1E-11	4.5E-12	1.5E-10	2.3E-07	8.7E-06	2.9E-08	2.9E-06	2.3E-13	1.7E-11	1.2E-05
Trichlorobiphenyl	3.4E-11	6.5E-12	1.2E-10	5.5E-12	2.0E-10							3.6E-10
Pesticides												
DDE												
Dieldrin		9.4E-06		1.1E-05								2.1E-05
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	4.3E-06	1.7E-08	1.4E-06			5.9E-06
1,2-dichlorobenzene	3.1E-17					5.4E-10	9.7E-09	6.8E-11	3.2E-09			1.4E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	8.5E-08	2.4E-10	2.8E-08			1.2E-07
1,4-Dioxane						4.3E-03						4.3E-03

Table H-742 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	3.9E-06	1.2E-08	1.3E-06			5.3E-06
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	6.0E-09	4.0E-10	1.4E-08							2.1E-08
Butyl benzyl phthalate	8.8E-13	1.6E-14	3.3E-13	1.9E-14	7.9E-13							2.0E-12
Carbazole												
Dibenzofuran		1.4E-13	2.9E-12	5.7E-13	2.3E-11							2.6E-11
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	6.7E-13	3.9E-14	1.6E-12							1.9E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	8.7E-12	1.1E-12	2.1E-11							3.1E-11
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.0E-02						1.0E-02
Phenol	4.9E-13					1.5E-06	6.2E-05	1.9E-07	2.1E-05			8.5E-05
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	1.0E-09	3.3E-12	3.3E-10			1.4E-09
1,1-Dichloroethene	1.2E-19					1.3E-10	2.3E-09	1.6E-11	7.7E-10			3.2E-09
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	6.4E-06	4.5E-08	2.1E-06			9.0E-06
1,2,4-Trimethylbenzene						8.9E-07	2.8E-05	1.1E-07	9.4E-06			3.9E-05
1,2-Dibromoethane	4.1E-17					7.7E-09	1.4E-07	9.6E-10	4.6E-08			1.9E-07
1,2-Dichloroethane	1.9E-15					4.0E-07	1.5E-05	1.4E-04	5.0E-06			1.6E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	2.6E-07	8.3E-10	8.7E-08			3.6E-07
2-Chlorotoluene												

Table H-742 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Hexanone						2.3E-07	8.2E-06	2.8E-08	2.7E-06			1.1E-05
Benzene	4.9E-13					2.1E-03	1.1E-03	3.2E-04	3.8E-04			4.0E-03
Bromobenzene						6.2E-07	1.1E-05	7.8E-08	3.7E-06			1.5E-05
Bromochloromethane						2.2E-09	3.9E-08	2.8E-10	1.3E-08			5.5E-08
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	2.3E-05	9.5E-08	7.6E-06			3.1E-05
Carbon disulfide	1.3E-17					4.8E-09	1.4E-07	6.0E-10	4.7E-08			1.9E-07
Carbon tetrachloride	3.4E-17					1.3E-03	3.9E-08	1.5E-04	1.3E-08			1.5E-03
Chlorobenzene	2.3E-15					9.6E-08	3.4E-06	1.2E-08	1.1E-06			4.7E-06
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	3.2E-08	1.1E-10	1.1E-08			4.3E-08
Chloroform	2.8E-16					4.4E-04	3.9E-07	2.4E-05	1.3E-07			4.7E-04
Chloromethane						3.4E-07	1.0E-05	4.3E-08	3.5E-06			1.4E-05
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	9.1E-07	6.4E-09	3.0E-07			1.3E-06
Dichlorodifluoromethane	2.4E-20					2.5E-09	4.4E-08	3.1E-10	1.5E-08			6.2E-08
Ethylbenzene	1.5E-14					3.7E-05	7.4E-06	2.4E-08	2.5E-06			4.6E-05
Isopropylbenzene	2.0E-17					3.9E-08	1.3E-06	4.9E-09	4.5E-07			1.8E-06
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.1E-09	1.5E-11	7.1E-10			3.0E-09
Methylene chloride	4.3E-15					3.0E-08	1.1E-06	3.8E-09	3.7E-07			1.5E-06
n-Butylbenzene												
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07			4.2E-07
o-Xylene	1.4E-15					2.3E-07	7.6E-06	2.9E-08	2.5E-06			1.0E-05
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.9E-05	6.4E-08	6.2E-06			2.5E-05
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	1.1E-07	3.8E-10	3.5E-08			1.4E-07
Toluene	2.0E-14					6.3E-08	2.5E-06	7.9E-09	8.3E-07			3.4E-06
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					5.0E-03	6.5E-08	4.5E-10	2.2E-08			5.0E-03

Table H-742 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					1.4E-04	1.2E-06	6.2E-09	4.0E-07			1.4E-04
Grand Total	5.0E-09	2.0E-03	1.1E-06	2.1E-01	5.8E-05	2.6E-02	7.7E-02	1.0E-03	2.6E-02	7.0E-03	3.2E-07	3.5E-01

Table H-743 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			2.7E-10	3.4E-11		3.1E-10
Formaldehyde			5.3E-06	8.6E-11		5.3E-06
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	1.4E-13	5.5E-13	2.8E-11	3.5E-12	7.8E-18	3.2E-11
1,2,3,4,6,7,8-HpCDF	1.4E-13	5.5E-13	2.8E-11	3.5E-12	7.9E-18	3.2E-11
1,2,3,4,7,8,9-HpCDF	1.6E-14	6.3E-14	3.5E-12	4.4E-13	9.1E-19	4.1E-12
1,2,3,4,7,8-HxCDD	1.6E-13	6.2E-13	3.3E-11	4.1E-12	8.9E-18	3.8E-11
1,2,3,4,7,8-HxCDF	1.2E-12	4.9E-12	2.7E-10	3.4E-11	7.0E-17	3.1E-10
1,2,3,6,7,8-HxCDD	3.2E-13	1.3E-12	7.0E-11	8.7E-12	1.8E-17	8.0E-11
1,2,3,6,7,8-HxCDF	4.1E-13	1.6E-12	8.7E-11	1.1E-11	2.3E-17	1.0E-10
1,2,3,7,8,9-HxCDD	5.1E-13	2.0E-12	1.1E-10	1.3E-11	2.9E-17	1.2E-10
1,2,3,7,8,9-HxCDF	2.9E-14	1.2E-13	6.7E-12	8.4E-13	1.6E-18	7.7E-12
1,2,3,7,8-PeCDD	1.8E-12	7.0E-12	4.2E-10	5.3E-11	1.0E-16	4.8E-10

Table H-743 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	1.0E-13	4.1E-13	3.0E-11	3.7E-12	5.9E-18	3.4E-11
2,3,4,6,7,8-HxCDF	6.4E-13	2.5E-12	1.4E-10	1.7E-11	3.6E-17	1.6E-10
2,3,4,7,8-PeCDF	2.5E-12	9.8E-12	6.7E-10	8.4E-11	1.4E-16	7.7E-10
2,3,7,8-TCDD	3.6E-13	1.4E-12	1.7E-10	2.1E-11	1.4E-14	1.9E-10
2,3,7,8-TCDF	6.6E-14	2.6E-13	6.2E-11	7.8E-12	3.7E-18	7.0E-11
OCDD	9.4E-16	3.7E-15	1.8E-13	2.3E-14	5.3E-20	2.1E-13
OCDF	3.6E-16	1.4E-15	6.9E-14	8.6E-15	2.0E-20	7.9E-14
HCN						
Hydrogen cyanide						
Metals						
Aluminum						
Antimony						
Arsenic	3.5E-07	8.3E-07	2.2E-10	2.7E-11	1.9E-10	1.2E-06
Barium						
Beryllium			8.8E-12	1.1E-12	1.1E-20	9.9E-12
Cadmium			1.2E-10	1.5E-11	6.2E-21	1.3E-10
Chromium						
Cobalt			7.6E-09	9.5E-10	1.2E-09	9.8E-09
Copper						
Iron						
Lead						
Manganese						
Mercury (+2)						

Table H-743 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental						
Methyl Mercury						
Nickel			7.7E-11	9.7E-12	6.1E-10	6.9E-10
Phosphorus						
Selenium						
Silver						
Thallium (Soluble Salts)						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	5.9E-19	5.4E-19				1.1E-18
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	1.0E-08	9.4E-09	2.8E-11	3.5E-12	2.1E-11	2.0E-08
Benzo(a)pyrene	1.1E-07	9.6E-08	1.1E-10	1.4E-11	7.1E-13	2.0E-07
Benzo(b)fluoranthene	1.9E-08	1.7E-08	1.2E-11	1.5E-12	1.3E-13	3.6E-08

Table H-743 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	7.7E-10	7.0E-10	1.1E-13	1.4E-14	5.1E-14	1.5E-09
Biphenyl		2.3E-18				2.3E-18
Chrysene	1.5E-10	1.3E-10	4.8E-12	6.0E-13	9.9E-15	2.9E-10
Dibenze(a,h)anthracene	1.9E-13	1.7E-13	1.9E-11	2.4E-12	1.4E-18	2.2E-11
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	5.9E-09	5.4E-09	5.8E-12	7.3E-13	4.0E-14	1.1E-08
Napthalene			4.3E-10	5.4E-11		4.9E-10
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	3.5E-18	2.9E-18	1.6E-13	2.0E-14	7.8E-20	1.8E-13
Heptachlorobiphenyl	1.1E-17	9.7E-18	6.2E-14	7.7E-15	1.4E-19	7.0E-14
Hexachlorobiphenyl	5.2E-17	4.4E-17	2.6E-13	3.3E-14	6.3E-19	2.9E-13
Monochlorobiphenyl	2.4E-17	2.0E-17	1.1E-12	1.4E-13	5.4E-19	1.2E-12
Nonachlorobiphenyl	2.0E-18	1.7E-18	8.8E-15	1.1E-15	2.5E-20	9.9E-15

Table H-743 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Octachlorobiphenyl	3.7E-18	3.1E-18	1.9E-14	2.4E-15	4.5E-20	2.1E-14
Pentachlorobiphenyl	1.9E-16	1.6E-16	8.9E-13	1.1E-13	2.3E-18	1.0E-12
Tetrachlorobiphenyl	1.3E-18	1.1E-18	5.2E-14	6.5E-15	3.0E-20	5.8E-14
Trichlorobiphenyl	1.6E-18	1.3E-18	6.5E-14	8.2E-15	3.6E-20	7.4E-14
Pesticides						
DDE		2.0E-07			1.8E-09	2.0E-07
Dieldrin	3.7E-08	4.3E-08			6.1E-13	8.0E-08
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.4E-12	1.8E-13		1.6E-12
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	8.1E-15	9.5E-15	3.9E-11	4.9E-12	8.0E-20	4.4E-11
Butyl benzyl phthalate	5.3E-19	6.3E-19				1.2E-18

Table H-743 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			8.4E-11	1.0E-11		9.4E-11
Isopropanol						
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			8.6E-14	1.1E-14		9.6E-14
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			3.6E-12	4.4E-13		4.0E-12
1,2-Dichloroethane			5.1E-08	2.2E-09		5.3E-08
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						

Table H-743 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
2-Chlorotoluene						
2-Hexanone						
Benzene			5.5E-07	6.5E-09		5.6E-07
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			3.0E-13	3.8E-14		3.4E-13
Bromomethane						
Carbon disulfide						
Carbon tetrachloride			8.0E-08	7.9E-09		8.8E-08
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			7.2E-08	4.7E-09		7.7E-08
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			4.6E-08	5.2E-12		4.6E-08
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			1.5E-14	1.9E-15		1.7E-14

Table H-743 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethene			2.7E-15	3.4E-16		3.0E-15
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			1.8E-09	3.2E-16		1.8E-09
Trichlorofluoromethane						
Vinyl chloride			1.9E-12	2.3E-13		2.1E-12
Grand Total	5.3E-07	1.2E-06	6.2E-06	2.3E-08	3.9E-09	7.9E-06

Table H-744 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			4.2E-05	5.2E-06		4.7E-05
Aldehydes						
Acetaldehyde			1.6E-04	2.0E-05		1.8E-04
Formaldehyde			4.9E-01	7.9E-06		4.9E-01
Propionaldehyde			2.0E-05	2.5E-06	2.1E-12	2.2E-05
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-744 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	7.9E-08	3.1E-07	1.3E-06	1.6E-07	1.8E-10	1.8E-06
2,3,7,8-TCDF						
OCDD						
OCDF						
HCN						
Hydrogen cyanide			2.0E-04	2.5E-05		2.2E-04
Metals						
Aluminum		1.2E-02			1.1E-04	1.2E-02
Antimony		1.9E-03				1.9E-03
Arsenic	9.1E-03	2.1E-02	4.0E-05	4.9E-06	3.5E-05	3.1E-02
Barium		2.2E-08	2.5E-04	3.1E-05	4.3E-10	2.8E-04
Beryllium		5.2E-13	2.1E-06	2.7E-07	2.6E-15	2.4E-06
Cadmium		8.2E-13	7.6E-05	9.5E-06	4.0E-15	8.5E-05
Chromium		6.4E-11				6.4E-11
Cobalt		1.1E-01	1.6E-03	2.0E-04	2.7E-04	1.1E-01
Copper		1.1E-08				1.1E-08
Iron		3.9E-02				3.9E-02
Lead						
Manganese						
Mercury (+2)		2.1E-10	7.8E-08	9.8E-09	1.0E-14	8.8E-08

Table H-744 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental			3.3E-10	4.1E-11	1.7E-04	1.7E-04
Methyl Mercury		3.8E-11				3.8E-11
Nickel		2.8E-02	3.9E-05	4.8E-06	3.0E-04	2.8E-02
Phosphorus		3.7E-10				3.7E-10
Selenium		8.1E-15	8.7E-09	1.1E-09	9.9E-20	9.8E-09
Silver		1.7E-10				1.7E-10
Thallium (Soluble Salts)		8.1E-03				8.1E-03
Titanium						
Zinc		6.1E-13				6.1E-13
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.4E-15	3.1E-15				6.5E-15
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	5.8E-14	5.2E-14				1.1E-13
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						

Table H-744 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						
Biphenyl		6.7E-15	2.8E-04	3.5E-05	4.9E-12	3.1E-04
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	1.7E-12	1.5E-12				3.2E-12
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene			5.0E-05	6.2E-06		5.6E-05
Perylene						
Phenanthrene						
Pyrene	9.3E-12	8.5E-12				1.8E-11
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	1.4E-11	1.2E-11				2.6E-11
Heptachlorobiphenyl	5.8E-12	4.9E-12	9.8E-10	1.2E-10	3.8E-15	1.1E-09
Hexachlorobiphenyl	2.6E-11	2.2E-11	4.1E-06	5.1E-07	1.7E-11	4.6E-06
Monochlorobiphenyl	9.8E-11	8.3E-11				1.8E-10
Nonachlorobiphenyl	1.0E-12	8.6E-13				1.9E-12

Table H-744 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Octachlorobiphenyl	1.9E-12	1.6E-12				3.5E-12
Pentachlorobiphenyl	9.4E-11	8.0E-11	4.6E-05	5.7E-06	2.0E-10	5.1E-05
Tetrachlorobiphenyl	5.4E-12	4.5E-12	2.3E-07	2.9E-08	2.3E-13	2.6E-07
Trichlorobiphenyl	6.5E-12	5.5E-12				1.2E-11
Pesticides						
DDE						
Dieldrin	5.4E-04	6.3E-04				1.2E-03
SVOCs						
1,2,4-trichlorobenzene			1.3E-07	1.7E-08		1.5E-07
1,2-dichlorobenzene			5.4E-10	6.8E-11		6.1E-10
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.9E-09	2.4E-10		2.1E-09
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			9.3E-08	1.2E-08		1.0E-07
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-10	4.0E-10				7.4E-10
Butyl benzyl phthalate	1.6E-14	1.9E-14				3.6E-14

Table H-744 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbazole						
Dibenzofuran	1.4E-13	5.7E-13				7.1E-13
Dimethyl phthalate						
Di-n-butyl phthalate	3.3E-14	3.9E-14				7.1E-14
Di-n-octyl phthalate	9.4E-13	1.1E-12				2.1E-12
Hexachlorobutadiene						
Isopropanol			3.0E-02			3.0E-02
Phenol			1.5E-06	1.9E-07		1.7E-06
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			2.7E-11	3.3E-12		3.0E-11
1,1-Dichloroethene			1.3E-10	1.6E-11		1.5E-10
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.6E-07	4.5E-08		4.1E-07
1,2,4-Trimethylbenzene			8.9E-07	1.1E-07		1.0E-06
1,2-Dibromoethane			7.7E-09	9.6E-10		8.6E-09
1,2-Dichloroethane			3.3E-03	1.4E-04		3.4E-03
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone			6.6E-09	8.3E-10		7.4E-09

Table H-744 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
2-Chlorotoluene						
2-Hexanone			2.3E-07	2.8E-08		2.5E-07
Benzene			2.7E-02	3.2E-04		2.8E-02
Bromobenzene			6.2E-07	7.8E-08		7.0E-07
Bromochloromethane			2.2E-09	2.8E-10		2.5E-09
Bromodichloromethane						
Bromomethane			7.6E-07	9.5E-08		8.6E-07
Carbon disulfide			4.8E-09	6.0E-10		5.4E-09
Carbon tetrachloride			1.6E-03	1.5E-04		1.7E-03
Chlorobenzene			9.6E-08	1.2E-08		1.1E-07
Chlorodibromomethane						
Chloroethane			9.1E-10	1.1E-10		1.0E-09
Chloroform			3.7E-04	2.4E-05		4.0E-04
Chloromethane			3.4E-07	4.3E-08		3.9E-07
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			5.1E-08	6.4E-09		5.7E-08
Dichlorodifluoromethane			2.5E-09	3.1E-10		2.8E-09
Ethylbenzene			2.1E-04	2.4E-08		2.1E-04
Isopropylbenzene			3.9E-08	4.9E-09		4.4E-08
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.2E-10	1.5E-11		1.3E-10
Methylene chloride			3.0E-08	3.8E-09		3.4E-08

Table H-744 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene			9.4E-09	1.2E-09		1.1E-08
o-Xylene			2.3E-07	2.9E-08		2.6E-07
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			5.1E-07	6.4E-08		5.7E-07
tert-Butylbenzene						
Tetrachloroethene			3.0E-09	3.8E-10		3.4E-09
Toluene			6.3E-08	7.9E-09		7.1E-08
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			2.5E-03	4.5E-10		2.5E-03
Trichlorofluoromethane						
Vinyl chloride			5.0E-08	6.2E-09		5.6E-08
Grand Total	9.6E-03	2.2E-01	5.6E-01	1.0E-03	8.9E-04	7.9E-01

Table H-745 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						2.7E-10	6.3E-10	3.4E-11	3.4E-11			9.7E-10
Formaldehyde						5.3E-06	1.6E-09	8.6E-11	8.6E-11			5.3E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.4E-16	1.4E-13	1.9E-13	5.5E-13	1.5E-12	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.8E-18	4.8E-17	1.0E-10
1,2,3,4,6,7,8-HpCDF	1.3E-16	1.4E-13	2.0E-13	5.5E-13	1.5E-12	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.9E-18	4.9E-17	1.0E-10
1,2,3,4,7,8,9-HpCDF	2.0E-17	1.6E-14	2.2E-14	6.3E-14	1.8E-13	3.5E-12	8.2E-12	4.4E-13	4.4E-13	9.1E-19	5.6E-18	1.3E-11
1,2,3,4,7,8-HxCDD	1.6E-15	1.6E-13	2.2E-13	6.2E-13	1.7E-12	3.3E-11	7.6E-11	4.1E-12	4.1E-12	8.9E-18	5.5E-17	1.2E-10
1,2,3,4,7,8-HxCDF	1.1E-14	1.2E-12	1.7E-12	4.9E-12	1.4E-11	2.7E-10	6.2E-10	3.4E-11	3.4E-11	7.0E-17	4.3E-16	9.8E-10
1,2,3,6,7,8-HxCDD	3.0E-15	3.2E-13	4.5E-13	1.3E-12	3.5E-12	7.0E-11	1.6E-10	8.7E-12	8.7E-12	1.8E-17	1.1E-16	2.5E-10
1,2,3,6,7,8-HxCDF	3.9E-15	4.1E-13	5.7E-13	1.6E-12	4.5E-12	8.7E-11	2.0E-10	1.1E-11	1.1E-11	2.3E-17	1.4E-16	3.2E-10
1,2,3,7,8,9-HxCDD	4.3E-15	5.1E-13	7.1E-13	2.0E-12	5.6E-12	1.1E-10	2.4E-10	1.3E-11	1.3E-11	2.9E-17	1.8E-16	3.9E-10
1,2,3,7,8,9-HxCDF	3.2E-16	2.9E-14	4.1E-14	1.2E-13	3.2E-13	6.7E-12	1.5E-11	8.4E-13	8.4E-13	1.6E-18	1.0E-17	2.4E-11
1,2,3,7,8-PeCDD	8.2E-14	1.8E-12	2.5E-12	7.0E-12	2.0E-11	4.2E-10	9.7E-10	5.3E-11	5.3E-11	1.0E-16	6.2E-16	1.5E-09
1,2,3,7,8-PeCDF	5.7E-15	1.0E-13	1.5E-13	4.1E-13	1.2E-12	3.0E-11	6.9E-11	3.7E-12	3.7E-12	5.9E-18	3.6E-17	1.1E-10
2,3,4,6,7,8-HxCDF	5.7E-15	6.4E-13	8.9E-13	2.5E-12	7.0E-12	1.4E-10	3.1E-10	1.7E-11	1.7E-11	3.6E-17	2.2E-16	4.9E-10
2,3,4,7,8-PeCDF	9.1E-14	2.5E-12	3.5E-12	9.8E-12	2.8E-11	6.7E-10	1.6E-09	8.4E-11	8.4E-11	1.4E-16	8.7E-16	2.4E-09
2,3,7,8-TCDD	2.8E-14	3.6E-13	5.0E-13	1.4E-12	4.0E-12	1.7E-10	3.9E-10	2.1E-11	2.1E-11	1.4E-14	8.7E-14	6.1E-10
2,3,7,8-TCDF	8.9E-15	6.6E-14	9.2E-14	2.6E-13	7.3E-13	6.2E-11	1.4E-10	7.8E-12	7.8E-12	3.7E-18	2.3E-17	2.2E-10
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	1.8E-13	4.2E-13	2.3E-14	2.3E-14	5.3E-20	3.3E-19	6.7E-13
OCDF	6.9E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	6.9E-14	1.6E-13	8.6E-15	8.6E-15	2.0E-20	1.3E-19	2.5E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-745 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.0E-16	3.5E-07	3.0E-08	8.3E-07	1.4E-07	2.2E-10	5.1E-10	2.7E-11	2.7E-11	1.9E-10	7.2E-11	1.3E-06
Barium												
Beryllium						8.8E-12	2.0E-11	1.1E-12	1.1E-12	1.1E-20	6.5E-20	3.1E-11
Cadmium						1.2E-10	2.7E-10	1.5E-11	1.5E-11	6.2E-21	3.8E-20	4.2E-10
Chromium												
Cobalt						7.6E-09	1.8E-08	9.5E-10	9.5E-10	1.2E-09	3.1E-09	3.1E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						7.7E-11	1.8E-10	9.7E-12	9.7E-12	6.1E-10	1.7E-09	2.6E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		5.9E-19	8.3E-19	5.4E-19	1.5E-18							3.5E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	3.9E-13	1.0E-08	3.2E-08	9.4E-09	5.8E-08	2.8E-11	6.5E-11	3.5E-12	3.5E-12	2.1E-11	1.3E-10	1.1E-07
Benzo(a)pyrene	1.9E-12	1.1E-07	3.5E-07	9.6E-08	6.4E-07	1.1E-10	2.6E-10	1.4E-11	1.4E-11	7.1E-13	1.0E-11	1.2E-06
Benzo(b)fluoranthene	5.2E-14	1.9E-08	4.9E-08	1.7E-08	9.0E-08	1.2E-11	2.9E-11	1.5E-12	1.5E-12	1.3E-13	1.5E-12	1.8E-07
Benzo(e)pyrene												

Table H-745 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	4.3E-17	7.7E-10	2.5E-09	7.0E-10	4.5E-09	1.1E-13	2.5E-13	1.4E-14	1.4E-14	5.1E-14	7.4E-13	8.5E-09
Biphenyl				2.3E-18	6.4E-18							8.7E-18
Chrysene	6.7E-16	1.5E-10	3.6E-10	1.3E-10	6.5E-10	4.8E-12	1.1E-11	6.0E-13	6.0E-13	9.9E-15	1.1E-13	1.3E-09
Dibenze(a,h)anthracene	9.7E-14	1.9E-13	8.7E-08	1.7E-13	1.6E-07	1.9E-11	4.4E-11	2.4E-12	2.4E-12	1.4E-18	2.8E-12	2.5E-07
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	2.4E-14	5.9E-09	2.3E-08	5.4E-09	4.1E-08	5.8E-12	1.3E-11	7.3E-13	7.3E-13	4.0E-14	6.7E-13	7.5E-08
Napthalene						4.3E-10	1.0E-09	5.4E-11	5.4E-11			1.5E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	3.6E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	1.6E-13	3.7E-13	2.0E-14	2.0E-14	7.8E-20	4.8E-19	5.7E-13
Heptachlorobiphenyl	3.9E-17	1.1E-17	1.6E-17	9.7E-18	2.7E-17	6.2E-14	1.4E-13	7.7E-15	7.7E-15	1.4E-19	8.6E-19	2.2E-13
Hexachlorobiphenyl	1.6E-16	5.2E-17	7.2E-17	4.4E-17	1.2E-16	2.6E-13	6.0E-13	3.3E-14	3.3E-14	6.3E-19	3.9E-18	9.3E-13
Monochlorobiphenyl	2.6E-16	2.4E-17	3.4E-17	2.0E-17	5.7E-17	1.1E-12	2.6E-12	1.4E-13	1.4E-13	5.4E-19	3.3E-18	4.0E-12
Nonachlorobiphenyl	4.9E-18	2.0E-18	2.8E-18	1.7E-18	4.8E-18	8.8E-15	2.0E-14	1.1E-15	1.1E-15	2.5E-20	1.5E-19	3.1E-14
Octachlorobiphenyl	1.2E-17	3.7E-18	5.2E-18	3.1E-18	8.8E-18	1.9E-14	4.4E-14	2.4E-15	2.4E-15	4.5E-20	2.8E-19	6.8E-14
Pentachlorobiphenyl	5.3E-16	1.9E-16	2.6E-16	1.6E-16	4.4E-16	8.9E-13	2.1E-12	1.1E-13	1.1E-13	2.3E-18	1.4E-17	3.2E-12
Tetrachlorobiphenyl	1.1E-17	1.3E-18	1.8E-18	1.1E-18	3.1E-18	5.2E-14	1.2E-13	6.5E-15	6.5E-15	3.0E-20	1.8E-19	1.8E-13
Trichlorobiphenyl	1.4E-17	1.6E-18	2.2E-18	1.3E-18	3.8E-18	6.5E-14	1.5E-13	8.2E-15	8.2E-15	3.6E-20	2.2E-19	2.3E-13
Pesticides												
DDE				2.0E-07	6.4E-09					1.8E-09	1.1E-08	2.2E-07
Dieldrin		3.7E-08	1.4E-08	4.3E-08	3.2E-08					6.1E-13	1.0E-12	1.3E-07
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	4.3E-20					1.4E-12	3.3E-12	1.8E-13	1.8E-13			5.1E-12
2,4-Dimethylphenol												

Table H-745 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	5.9E-16	8.1E-15	1.1E-14	9.5E-15	2.7E-14	3.9E-11	9.0E-11	4.9E-12	4.9E-12	8.0E-20	4.9E-19	1.4E-10
Butyl benzyl phthalate	2.9E-17	5.3E-19	7.4E-19	6.3E-19	1.8E-18							3.2E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	4.5E-17					8.4E-11	1.9E-10	1.0E-11	1.0E-11			3.0E-10
Isopropanol												
p-Chloroaniline			5.6E-09		1.3E-08							1.9E-08
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	6.0E-21					8.6E-14	2.0E-13	1.1E-14	1.1E-14			3.0E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	2.8E-18											2.8E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	6.4E-20					3.6E-12	8.2E-12	4.4E-13	4.4E-13			1.3E-11
1,2-Dichloroethane	9.1E-20					5.1E-08	9.8E-08	2.2E-09	2.2E-09			1.5E-07
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												

Table H-745 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone												
Benzene	9.3E-18					5.5E-07	1.8E-07	6.5E-09	6.5E-09			7.4E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	1.7E-21					3.0E-13	1.1E-06	3.8E-14	3.8E-14			1.1E-06
Bromoform							1.4E-07					1.4E-07
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	8.1E-22					8.0E-08	2.0E-07	7.9E-09	7.9E-09			3.0E-07
Chlorobenzene												
Chlorodibromomethane	1.3E-19											1.3E-19
Chloroethane												
Chloroform	7.5E-21					7.2E-08	1.6E-06	4.7E-09	4.7E-09			1.6E-06
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	1.4E-18					4.6E-08	4.7E-08	5.2E-12	5.2E-12			9.3E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	4.4E-21					1.5E-14	3.6E-14	1.9E-15	1.9E-15			5.5E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	1.2E-22					2.7E-15	6.2E-15	3.4E-16	3.4E-16			9.6E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												

Table H-745 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Trichloroethene	2.7E-23					1.8E-09	1.6E-07	3.2E-16	3.2E-16			1.6E-07
Trichlorofluoromethane												
Vinyl chloride	3.0E-20					1.9E-12	4.3E-12	2.3E-13	2.3E-13			6.6E-12
Grand Total	2.7E-12	5.3E-07	5.9E-07	1.2E-06	1.2E-06	6.2E-06	3.5E-06	2.3E-08	2.3E-08	3.9E-09	1.6E-08	1.3E-05

Table H-746 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					4.9E-01	1.5E-04	7.9E-06	7.9E-06			4.9E-01
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.2E-02	2.0E-02					1.1E-04	4.2E-04	3.2E-02
Antimony	3.9E-14			1.9E-03	3.6E-03							5.5E-03

Table H-746 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	9.1E-03	7.7E-04	2.1E-02	3.6E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	3.5E-05	1.3E-05	3.5E-02
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				1.1E-01	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.7E-04	6.6E-04	2.4E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				3.9E-02	5.4E-02							9.3E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.7E-04	1.1E-03	1.2E-03
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.8E-02	3.5E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.0E-04	8.5E-04	6.5E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Thallium (Soluble Salts)				8.1E-03	1.7E-02							2.5E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-746 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	1.1E-04	6.2E-06	6.2E-06			1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
DDE												
Dieldrin		5.4E-04	2.0E-04	6.3E-04	4.7E-04							1.8E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-746 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						3.0E-02	1.1E-02					4.1E-02
p-Chloroaniline			8.2E-05		1.9E-04							2.8E-04
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					3.3E-03	6.3E-03	1.4E-04	1.4E-04			9.8E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												

Table H-746 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.7E-02	9.0E-03	3.2E-04	3.2E-04			3.7E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromoform												
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.6E-03	3.9E-03	1.5E-04	1.5E-04			5.8E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					3.7E-04	8.1E-03	2.4E-05	2.4E-05			8.5E-03
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					2.1E-04	2.2E-04	2.4E-08	2.4E-08			4.4E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
n-Propylbenzene						2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
o-Xylene	1.4E-15											
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												

Table H-746 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichloroethene	1.4E-17					2.5E-03	2.2E-01	4.5E-10	4.5E-10			2.3E-01
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	5.0E-09	9.6E-03	1.0E-03	2.2E-01	2.6E-01	5.6E-01	2.7E-01	1.0E-03	1.0E-03	8.9E-04	3.0E-03	1.3E+00

Table H-747 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						2.7E-10	6.3E-10	3.4E-11	3.4E-11			9.7E-10
Formaldehyde						5.3E-06	4.4E-05	8.6E-11	8.6E-11			4.9E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.4E-16	1.4E-13	1.9E-13	5.5E-13	1.5E-12	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.8E-18	4.8E-17	1.0E-10
1,2,3,4,6,7,8-HpCDF	1.3E-16	1.4E-13	2.0E-13	5.5E-13	1.5E-12	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.9E-18	4.9E-17	1.0E-10
1,2,3,4,7,8,9-HpCDF	2.0E-17	1.6E-14	2.2E-14	6.3E-14	1.8E-13	3.5E-12	8.2E-12	4.4E-13	4.4E-13	9.1E-19	5.6E-18	1.3E-11
1,2,3,4,7,8-HxCDD	1.6E-15	1.6E-13	2.2E-13	6.2E-13	1.7E-12	3.3E-11	7.6E-11	4.1E-12	4.1E-12	8.9E-18	5.5E-17	1.2E-10
1,2,3,4,7,8-HxCDF	1.1E-14	1.2E-12	1.7E-12	4.9E-12	1.4E-11	2.7E-10	6.2E-10	3.4E-11	3.4E-11	7.0E-17	4.3E-16	9.8E-10
1,2,3,6,7,8-HxCDD	3.0E-15	3.2E-13	4.5E-13	1.3E-12	3.5E-12	7.0E-11	1.6E-10	8.7E-12	8.7E-12	1.8E-17	1.1E-16	2.5E-10
1,2,3,6,7,8-HxCDF	3.9E-15	4.1E-13	5.7E-13	1.6E-12	4.5E-12	8.7E-11	2.0E-10	1.1E-11	1.1E-11	2.3E-17	1.4E-16	3.2E-10
1,2,3,7,8,9-HxCDD	4.3E-15	5.1E-13	7.1E-13	2.0E-12	5.6E-12	1.1E-10	2.4E-10	1.3E-11	1.3E-11	2.9E-17	1.8E-16	3.9E-10
1,2,3,7,8,9-HxCDF	3.2E-16	2.9E-14	4.1E-14	1.2E-13	3.2E-13	6.7E-12	1.5E-11	8.4E-13	8.4E-13	1.6E-18	1.0E-17	2.4E-11
1,2,3,7,8-PeCDD	8.2E-14	1.8E-12	2.5E-12	7.0E-12	2.0E-11	4.2E-10	9.7E-10	5.3E-11	5.3E-11	1.0E-16	6.2E-16	1.5E-09
1,2,3,7,8-PeCDF	5.7E-15	1.0E-13	1.5E-13	4.1E-13	1.2E-12	3.0E-11	6.9E-11	3.7E-12	3.7E-12	5.9E-18	3.6E-17	1.1E-10
2,3,4,6,7,8-HxCDF	5.7E-15	6.4E-13	8.9E-13	2.5E-12	7.0E-12	1.4E-10	3.1E-10	1.7E-11	1.7E-11	3.6E-17	2.2E-16	4.9E-10
2,3,4,7,8-PeCDF	9.1E-14	2.5E-12	3.5E-12	9.8E-12	2.8E-11	6.7E-10	1.6E-09	8.4E-11	8.4E-11	1.4E-16	8.7E-16	2.4E-09
2,3,7,8-TCDD	2.8E-14	3.6E-13	5.0E-13	1.4E-12	4.0E-12	1.7E-10	3.9E-10	2.1E-11	2.1E-11	1.4E-14	8.7E-14	6.1E-10
2,3,7,8-TCDF	8.9E-15	6.6E-14	9.2E-14	2.6E-13	7.3E-13	6.2E-11	1.4E-10	7.8E-12	7.8E-12	3.7E-18	2.3E-17	2.2E-10
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	1.8E-13	4.2E-13	2.3E-14	2.3E-14	5.3E-20	3.3E-19	6.7E-13
OCDF	6.9E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	6.9E-14	1.6E-13	8.6E-15	8.6E-15	2.0E-20	1.3E-19	2.5E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-747 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.0E-16	3.5E-07	5.9E-08	8.3E-07	2.8E-07	2.2E-10	5.1E-10	2.7E-11	2.7E-11	1.9E-10	1.4E-10	1.5E-06
Barium												
Beryllium						8.8E-12	2.0E-11	1.1E-12	1.1E-12	1.1E-20	6.5E-20	3.1E-11
Cadmium						1.2E-10	2.7E-10	1.5E-11	1.5E-11	6.2E-21	3.8E-20	4.2E-10
Chromium												
Cobalt						7.6E-09	1.8E-08	9.5E-10	9.5E-10	1.2E-09	3.1E-09	3.1E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						7.7E-11	1.8E-10	9.7E-12	9.7E-12	6.1E-10	1.9E-09	2.8E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		5.9E-19	8.3E-19	5.4E-19	1.5E-18							3.5E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	3.9E-13	1.0E-08	1.6E-13	9.4E-09	2.9E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	2.1E-11	1.3E-10	2.0E-08
Benzo(a)pyrene	1.9E-12	1.1E-07	7.2E-13	9.6E-08	1.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	7.1E-13	2.1E-17	2.0E-07
Benzo(b)fluoranthene	5.2E-14	1.9E-08	4.2E-15	1.7E-08	7.6E-15	1.2E-11	2.9E-11	1.5E-12	1.5E-12	1.3E-13	1.2E-19	3.6E-08
Benzo(e)pyrene												

Table H-747 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	4.3E-17	7.7E-10	5.2E-16	7.0E-10	9.5E-16	1.1E-13	2.5E-13	1.4E-14	1.4E-14	5.1E-14	1.5E-19	1.5E-09
Biphenyl				2.3E-18	6.4E-18							8.7E-18
Chrysene	6.7E-16	1.5E-10	2.1E-15	1.3E-10	3.8E-15	4.8E-12	1.1E-11	6.0E-13	6.0E-13	9.9E-15	6.2E-19	3.0E-10
Dibenze(a,h)anthracene	9.7E-14	1.9E-13	2.6E-13	1.7E-13	4.8E-13	1.9E-11	4.4E-11	2.4E-12	2.4E-12	1.4E-18	8.5E-18	6.9E-11
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	2.4E-14	5.9E-09	7.3E-14	5.4E-09	1.3E-13	5.8E-12	1.3E-11	7.3E-13	7.3E-13	4.0E-14	2.1E-18	1.1E-08
Napthalene						4.3E-10	1.0E-09	5.4E-11	5.4E-11			1.5E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	3.6E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	1.6E-13	3.7E-13	2.0E-14	2.0E-14	7.8E-20	4.8E-19	5.7E-13
Heptachlorobiphenyl	3.9E-17	1.1E-17	1.6E-17	9.7E-18	2.7E-17	6.2E-14	1.4E-13	7.7E-15	7.7E-15	1.4E-19	8.6E-19	2.2E-13
Hexachlorobiphenyl	1.6E-16	5.2E-17	7.2E-17	4.4E-17	1.2E-16	2.6E-13	6.0E-13	3.3E-14	3.3E-14	6.3E-19	3.9E-18	9.3E-13
Monochlorobiphenyl	2.6E-16	2.4E-17	3.4E-17	2.0E-17	5.7E-17	1.1E-12	2.6E-12	1.4E-13	1.4E-13	5.4E-19	3.3E-18	4.0E-12
Nonachlorobiphenyl	4.9E-18	2.0E-18	2.8E-18	1.7E-18	4.8E-18	8.8E-15	2.0E-14	1.1E-15	1.1E-15	2.5E-20	1.5E-19	3.1E-14
Octachlorobiphenyl	1.2E-17	3.7E-18	5.2E-18	3.1E-18	8.8E-18	1.9E-14	4.4E-14	2.4E-15	2.4E-15	4.5E-20	2.8E-19	6.8E-14
Pentachlorobiphenyl	5.3E-16	1.9E-16	2.6E-16	1.6E-16	4.4E-16	8.9E-13	2.1E-12	1.1E-13	1.1E-13	2.3E-18	1.4E-17	3.2E-12
Tetrachlorobiphenyl	1.1E-17	1.3E-18	1.8E-18	1.1E-18	3.1E-18	5.2E-14	1.2E-13	6.5E-15	6.5E-15	3.0E-20	1.8E-19	1.8E-13
Trichlorobiphenyl	1.4E-17	1.6E-18	2.2E-18	1.3E-18	3.8E-18	6.5E-14	1.5E-13	8.2E-15	8.2E-15	3.6E-20	2.2E-19	2.3E-13
Pesticides												
DDE				2.0E-07	2.3E-09					1.8E-09	1.1E-08	2.1E-07
Dieldrin		3.7E-08		4.3E-08						6.1E-13		8.0E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	4.3E-20					1.4E-12	3.3E-12	1.8E-13	1.8E-13			5.1E-12
2,4-Dimethylphenol												

Table H-747 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	5.9E-16	8.1E-15	1.1E-14	9.5E-15	2.7E-14	3.9E-11	9.0E-11	4.9E-12	4.9E-12	8.0E-20	4.9E-19	1.4E-10
Butyl benzyl phthalate	2.9E-17	5.3E-19	7.4E-19	6.3E-19	1.8E-18							3.2E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	4.5E-17					8.4E-11	1.9E-10	1.0E-11	1.0E-11			3.0E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	6.0E-21					8.6E-14	2.0E-13	1.1E-14	1.1E-14			3.0E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	2.8E-18											2.8E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	6.4E-20					3.6E-12	8.2E-12	4.4E-13	4.4E-13			1.3E-11
1,2-Dichloroethane	9.1E-20					5.1E-08	1.4E-11	2.2E-09	2.2E-09			5.5E-08
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-747 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	9.3E-18					5.5E-07	1.3E-09	6.5E-09	6.5E-09			5.6E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	1.7E-21					3.0E-13	7.0E-13	3.8E-14	3.8E-14			1.1E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	8.1E-22					8.0E-08	2.6E-13	7.9E-09	7.9E-09			9.6E-08
Chlorobenzene												
Chlorodibromomethane	1.3E-19											1.3E-19
Chloroethane												
Chloroform	7.5E-21					7.2E-08	8.9E-12	4.7E-09	4.7E-09			8.1E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	1.4E-18					4.6E-08	9.7E-11	5.2E-12	5.2E-12			4.6E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	4.4E-21					1.5E-14	3.6E-14	1.9E-15	1.9E-15			5.5E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	1.2E-22					2.7E-15	6.2E-15	3.4E-16	3.4E-16			9.6E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	2.7E-23					1.8E-09	5.9E-15	3.2E-16	3.2E-16			1.8E-09
Trichlorofluoromethane												

Table H-747 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	3.0E-20					1.9E-12	4.3E-12	2.3E-13	2.3E-13			6.6E-12
Grand Total	2.7E-12	5.3E-07	5.9E-08	1.2E-06	2.8E-07	6.2E-06	4.4E-05	2.3E-08	2.3E-08	3.9E-09	1.6E-08	5.2E-05

Table H-748 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					4.9E-01	4.0E+00	7.9E-06	7.9E-06			4.5E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.2E-02	2.4E-02					1.1E-04	5.1E-04	3.6E-02
Antimony	3.9E-14			1.9E-03	1.2E-03							3.1E-03

Table H-748 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	9.1E-03	1.5E-03	2.1E-02	7.2E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	3.5E-05	2.6E-05	3.9E-02
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				1.1E-01	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.7E-04	6.7E-04	2.4E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				3.9E-02	5.7E-02							9.6E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.7E-04	1.1E-03	1.2E-03
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.8E-02	4.0E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.0E-04	9.5E-04	6.9E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Thallium (Soluble Salts)				8.1E-03	1.4E-02							2.3E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-748 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
DDE												
Dieldrin		5.4E-04		6.3E-04								1.2E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-748 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol								3.0E-02				3.0E-02
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					3.3E-03	9.1E-07	1.4E-04	1.4E-04			3.5E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07

Table H-748 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					2.7E-02	6.7E-05	3.2E-04	3.2E-04			2.8E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.6E-03	5.0E-09	1.5E-04	1.5E-04			1.9E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					3.7E-04	4.6E-08	2.4E-05	2.4E-05			4.2E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					2.1E-04	4.5E-07	2.4E-08	2.4E-08			2.2E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.5E-03	8.4E-09	4.5E-10	4.5E-10			2.5E-03
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-748 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	5.0E-09	9.6E-03	1.5E-03	2.2E-01	2.7E-01	5.6E-01	4.0E+00	1.0E-03	1.0E-03	8.9E-04	3.2E-03	5.1E+00

Table H-749 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						2.7E-10	6.3E-10	3.4E-11	3.4E-11			9.7E-10
Formaldehyde						5.3E-06	3.0E-05	8.6E-11	8.6E-11			3.5E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.4E-16	1.4E-13	1.9E-13	5.5E-13	1.5E-12	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.8E-18	4.8E-17	1.0E-10
1,2,3,4,6,7,8-HpCDF	1.3E-16	1.4E-13	2.0E-13	5.5E-13	1.5E-12	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.9E-18	4.9E-17	1.0E-10
1,2,3,4,7,8,9-HpCDF	2.0E-17	1.6E-14	2.2E-14	6.3E-14	1.8E-13	3.5E-12	8.2E-12	4.4E-13	4.4E-13	9.1E-19	5.6E-18	1.3E-11
1,2,3,4,7,8-HxCDD	1.6E-15	1.6E-13	2.2E-13	6.2E-13	1.7E-12	3.3E-11	7.6E-11	4.1E-12	4.1E-12	8.9E-18	5.5E-17	1.2E-10
1,2,3,4,7,8-HxCDF	1.1E-14	1.2E-12	1.7E-12	4.9E-12	1.4E-11	2.7E-10	6.2E-10	3.4E-11	3.4E-11	7.0E-17	4.3E-16	9.8E-10
1,2,3,6,7,8-HxCDD	3.0E-15	3.2E-13	4.5E-13	1.3E-12	3.5E-12	7.0E-11	1.6E-10	8.7E-12	8.7E-12	1.8E-17	1.1E-16	2.5E-10
1,2,3,6,7,8-HxCDF	3.9E-15	4.1E-13	5.7E-13	1.6E-12	4.5E-12	8.7E-11	2.0E-10	1.1E-11	1.1E-11	2.3E-17	1.4E-16	3.2E-10
1,2,3,7,8,9-HxCDD	4.3E-15	5.1E-13	7.1E-13	2.0E-12	5.6E-12	1.1E-10	2.4E-10	1.3E-11	1.3E-11	2.9E-17	1.8E-16	3.9E-10
1,2,3,7,8,9-HxCDF	3.2E-16	2.9E-14	4.1E-14	1.2E-13	3.2E-13	6.7E-12	1.5E-11	8.4E-13	8.4E-13	1.6E-18	1.0E-17	2.4E-11
1,2,3,7,8-PeCDD	8.2E-14	1.8E-12	2.5E-12	7.0E-12	2.0E-11	4.2E-10	9.7E-10	5.3E-11	5.3E-11	1.0E-16	6.2E-16	1.5E-09
1,2,3,7,8-PeCDF	5.7E-15	1.0E-13	1.5E-13	4.1E-13	1.2E-12	3.0E-11	6.9E-11	3.7E-12	3.7E-12	5.9E-18	3.6E-17	1.1E-10
2,3,4,6,7,8-HxCDF	5.7E-15	6.4E-13	8.9E-13	2.5E-12	7.0E-12	1.4E-10	3.1E-10	1.7E-11	1.7E-11	3.6E-17	2.2E-16	4.9E-10
2,3,4,7,8-PeCDF	9.1E-14	2.5E-12	3.5E-12	9.8E-12	2.8E-11	6.7E-10	1.6E-09	8.4E-11	8.4E-11	1.4E-16	8.7E-16	2.4E-09
2,3,7,8-TCDD	2.8E-14	3.6E-13	5.0E-13	1.4E-12	4.0E-12	1.7E-10	3.9E-10	2.1E-11	2.1E-11	1.4E-14	8.7E-14	6.1E-10
2,3,7,8-TCDF	8.9E-15	6.6E-14	9.2E-14	2.6E-13	7.3E-13	6.2E-11	1.4E-10	7.8E-12	7.8E-12	3.7E-18	2.3E-17	2.2E-10
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	1.8E-13	4.2E-13	2.3E-14	2.3E-14	5.3E-20	3.3E-19	6.7E-13
OCDF	6.9E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	6.9E-14	1.6E-13	8.6E-15	8.6E-15	2.0E-20	1.3E-19	2.5E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-749 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.0E-16	3.5E-07	2.3E-08	8.3E-07	1.1E-07	2.2E-10	5.1E-10	2.7E-11	2.7E-11	1.9E-10	5.7E-11	1.3E-06
Barium												
Beryllium						8.8E-12	2.0E-11	1.1E-12	1.1E-12	1.1E-20	6.5E-20	3.1E-11
Cadmium						1.2E-10	2.7E-10	1.5E-11	1.5E-11	6.2E-21	3.8E-20	4.2E-10
Chromium												
Cobalt						7.6E-09	1.8E-08	9.5E-10	9.5E-10	1.2E-09	5.3E-09	3.3E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						7.7E-11	1.8E-10	9.7E-12	9.7E-12	6.1E-10	3.2E-09	4.1E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		5.9E-19	8.3E-19	5.4E-19	1.5E-18							3.5E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	3.9E-13	1.0E-08	1.6E-13	9.4E-09	2.9E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	2.1E-11	1.3E-10	2.0E-08
Benzo(a)pyrene	1.9E-12	1.1E-07	8.2E-08	9.6E-08	1.5E-07	1.1E-10	2.6E-10	1.4E-11	1.4E-11	7.1E-13	2.4E-12	4.4E-07
Benzo(b)fluoranthene	5.2E-14	1.9E-08	7.4E-09	1.7E-08	1.4E-08	1.2E-11	2.9E-11	1.5E-12	1.5E-12	1.3E-13	2.2E-13	5.7E-08
Benzo(e)pyrene												

Table H-749 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	4.3E-17	7.7E-10	5.2E-16	7.0E-10	9.5E-16	1.1E-13	2.5E-13	1.4E-14	1.4E-14	5.1E-14	1.5E-19	1.5E-09
Biphenyl				2.3E-18	6.4E-18							8.7E-18
Chrysene	6.7E-16	1.5E-10	2.1E-15	1.3E-10	3.8E-15	4.8E-12	1.1E-11	6.0E-13	6.0E-13	9.9E-15	6.2E-19	3.0E-10
Dibenze(a,h)anthracene	9.7E-14	1.9E-13	2.6E-13	1.7E-13	4.8E-13	1.9E-11	4.4E-11	2.4E-12	2.4E-12	1.4E-18	8.5E-18	6.9E-11
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	2.4E-14	5.9E-09	7.3E-14	5.4E-09	1.3E-13	5.8E-12	1.3E-11	7.3E-13	7.3E-13	4.0E-14	2.1E-18	1.1E-08
Napthalene						4.3E-10	1.0E-09	5.4E-11	5.4E-11			1.5E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	3.6E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	1.6E-13	3.7E-13	2.0E-14	2.0E-14	7.8E-20	4.8E-19	5.7E-13
Heptachlorobiphenyl	3.9E-17	1.1E-17	1.6E-17	9.7E-18	2.7E-17	6.2E-14	1.4E-13	7.7E-15	7.7E-15	1.4E-19	8.6E-19	2.2E-13
Hexachlorobiphenyl	1.6E-16	5.2E-17	7.2E-17	4.4E-17	1.2E-16	2.6E-13	6.0E-13	3.3E-14	3.3E-14	6.3E-19	3.9E-18	9.3E-13
Monochlorobiphenyl	2.6E-16	2.4E-17	3.4E-17	2.0E-17	5.7E-17	1.1E-12	2.6E-12	1.4E-13	1.4E-13	5.4E-19	3.3E-18	4.0E-12
Nonachlorobiphenyl	4.9E-18	2.0E-18	2.8E-18	1.7E-18	4.8E-18	8.8E-15	2.0E-14	1.1E-15	1.1E-15	2.5E-20	1.5E-19	3.1E-14
Octachlorobiphenyl	1.2E-17	3.7E-18	5.2E-18	3.1E-18	8.8E-18	1.9E-14	4.4E-14	2.4E-15	2.4E-15	4.5E-20	2.8E-19	6.8E-14
Pentachlorobiphenyl	5.3E-16	1.9E-16	2.6E-16	1.6E-16	4.4E-16	8.9E-13	2.1E-12	1.1E-13	1.1E-13	2.3E-18	1.4E-17	3.2E-12
Tetrachlorobiphenyl	1.1E-17	1.3E-18	1.8E-18	1.1E-18	3.1E-18	5.2E-14	1.2E-13	6.5E-15	6.5E-15	3.0E-20	1.8E-19	1.8E-13
Trichlorobiphenyl	1.4E-17	1.6E-18	2.2E-18	1.3E-18	3.8E-18	6.5E-14	1.5E-13	8.2E-15	8.2E-15	3.6E-20	2.2E-19	2.3E-13
Pesticides												
DDE				2.0E-07	8.0E-09					1.8E-09	1.1E-08	2.2E-07
Dieldrin		3.7E-08		4.3E-08						6.1E-13		8.0E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	4.3E-20					1.4E-12	3.3E-12	1.8E-13	1.8E-13			5.1E-12
2,4-Dimethylphenol												

Table H-749 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	5.9E-16	8.1E-15	1.1E-14	9.5E-15	2.7E-14	3.9E-11	9.0E-11	4.9E-12	4.9E-12	8.0E-20	4.9E-19	1.4E-10
Butyl benzyl phthalate	2.9E-17	5.3E-19	7.4E-19	6.3E-19	1.8E-18							3.2E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	4.5E-17					8.4E-11	1.9E-10	1.0E-11	1.0E-11			3.0E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	6.0E-21					8.6E-14	2.0E-13	1.1E-14	1.1E-14			3.0E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	2.8E-18											2.8E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	6.4E-20					3.6E-12	8.2E-12	4.4E-13	4.4E-13			1.3E-11
1,2-Dichloroethane	9.1E-20					5.1E-08	1.4E-11	2.2E-09	2.2E-09			5.5E-08
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-749 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	9.3E-18					5.5E-07	1.3E-09	6.5E-09	6.5E-09			5.6E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	1.7E-21					3.0E-13	7.0E-13	3.8E-14	3.8E-14			1.1E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	8.1E-22					8.0E-08	2.6E-13	7.9E-09	7.9E-09			9.6E-08
Chlorobenzene												
Chlorodibromomethane	1.3E-19											1.3E-19
Chloroethane												
Chloroform	7.5E-21					7.2E-08	8.9E-12	4.7E-09	4.7E-09			8.1E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	1.4E-18					4.6E-08	9.7E-11	5.2E-12	5.2E-12			4.6E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	4.4E-21					1.5E-14	3.6E-14	1.9E-15	1.9E-15			5.5E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	1.2E-22					2.7E-15	6.2E-15	3.4E-16	3.4E-16			9.6E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	2.7E-23					1.8E-09	5.9E-15	3.2E-16	3.2E-16			1.8E-09
Trichlorofluoromethane												

Table H-749 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Vinyl chloride	3.0E-20					1.9E-12	4.3E-12	2.3E-13	2.3E-13			6.6E-12
Grand Total	2.7E-12	5.3E-07	1.1E-07	1.2E-06	2.8E-07	6.2E-06	3.0E-05	2.3E-08	2.3E-08	3.9E-09	2.0E-08	3.8E-05

Table H-750 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					4.9E-01	2.7E+00	7.9E-06	7.9E-06			3.2E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.2E-02	1.9E-02					1.1E-04	4.1E-04	3.1E-02
Antimony	3.9E-14			1.9E-03	4.2E-04							2.3E-03

Table H-750 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	9.1E-03	6.1E-04	2.1E-02	2.9E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	3.5E-05	1.0E-05	3.4E-02
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				1.1E-01	2.1E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.7E-04	1.1E-03	3.3E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				3.9E-02	6.2E-02							1.0E-01
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.7E-04	1.1E-03	1.2E-03
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.8E-02	6.6E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.0E-04	1.6E-03	9.6E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Thallium (Soluble Salts)				8.1E-03								8.1E-03
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-750 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
DDE												
Dieldrin		5.4E-04		6.3E-04								1.2E-03
SVOCs												
1,2,4-trichlorobenzene								1.3E-07	3.1E-07	1.7E-08	1.7E-08	4.8E-07
1,2-dichlorobenzene	3.1E-17							5.4E-10	1.3E-09	6.8E-11	6.8E-11	1.9E-09
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15							1.9E-09	4.4E-09	2.4E-10	2.4E-10	6.8E-09
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-750 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol								3.0E-02				3.0E-02
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					3.3E-03	9.1E-07	1.4E-04	1.4E-04			3.5E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07

Table H-750 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					2.7E-02	6.7E-05	3.2E-04	3.2E-04			2.8E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.6E-03	5.0E-09	1.5E-04	1.5E-04			1.9E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					3.7E-04	4.6E-08	2.4E-05	2.4E-05			4.2E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					2.1E-04	4.5E-07	2.4E-08	2.4E-08			2.2E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.5E-03	8.4E-09	4.5E-10	4.5E-10			2.5E-03
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-750 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	5.0E-09	9.6E-03	6.1E-04	2.2E-01	3.6E-01	5.6E-01	2.8E+00	1.0E-03	1.0E-03	8.9E-04	4.2E-03	3.9E+00

Table H-751 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						2.7E-10	9.8E-09	3.4E-11	3.3E-09			1.3E-08
Formaldehyde						5.3E-06	2.3E-08	8.6E-11	7.5E-09			5.4E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.4E-16	1.4E-13	2.6E-12	5.5E-13	2.0E-11	2.8E-11	1.1E-09	3.5E-12	3.7E-10	7.8E-18	6.4E-16	1.5E-09
1,2,3,4,6,7,8-HpCDF	1.3E-16	1.4E-13	2.6E-12	5.5E-13	2.1E-11	2.8E-11	1.1E-09	3.5E-12	3.7E-10	7.9E-18	6.5E-16	1.5E-09
1,2,3,4,7,8,9-HpCDF	2.0E-17	1.6E-14	3.1E-13	6.3E-14	2.5E-12	3.5E-12	1.4E-10	4.4E-13	4.8E-11	9.1E-19	7.8E-17	2.0E-10
1,2,3,4,7,8-HxCDD	1.6E-15	1.6E-13	3.0E-12	6.2E-13	2.4E-11	3.3E-11	1.3E-09	4.1E-12	4.5E-10	8.9E-18	7.5E-16	1.9E-09
1,2,3,4,7,8-HxCDF	1.1E-14	1.2E-12	2.4E-11	4.9E-12	1.9E-10	2.7E-10	1.1E-08	3.4E-11	3.6E-09	7.0E-17	6.0E-15	1.5E-08
1,2,3,6,7,8-HxCDD	3.0E-15	3.2E-13	6.2E-12	1.3E-12	4.9E-11	7.0E-11	2.8E-09	8.7E-12	9.4E-10	1.8E-17	1.5E-15	3.9E-09
1,2,3,6,7,8-HxCDF	3.9E-15	4.1E-13	7.9E-12	1.6E-12	6.3E-11	8.7E-11	3.6E-09	1.1E-11	1.2E-09	2.3E-17	2.0E-15	4.9E-09
1,2,3,7,8,9-HxCDD	4.3E-15	5.1E-13	9.7E-12	2.0E-12	7.7E-11	1.1E-10	4.3E-09	1.3E-11	1.4E-09	2.9E-17	2.4E-15	5.9E-09
1,2,3,7,8,9-HxCDF	3.2E-16	2.9E-14	5.7E-13	1.2E-13	4.5E-12	6.7E-12	2.7E-10	8.4E-13	9.1E-11	1.6E-18	1.4E-16	3.8E-10
1,2,3,7,8-PeCDD	8.2E-14	1.8E-12	3.5E-11	7.0E-12	2.7E-10	4.2E-10	1.7E-08	5.3E-11	5.7E-09	1.0E-16	8.6E-15	2.4E-08
1,2,3,7,8-PeCDF	5.7E-15	1.0E-13	2.1E-12	4.1E-13	1.6E-11	3.0E-11	1.2E-09	3.7E-12	4.1E-10	5.9E-18	5.1E-16	1.7E-09
2,3,4,6,7,8-HxCDF	5.7E-15	6.4E-13	1.2E-11	2.5E-12	9.5E-11	1.4E-10	5.4E-09	1.7E-11	1.8E-09	3.6E-17	3.0E-15	7.5E-09
2,3,4,7,8-PeCDF	9.1E-14	2.5E-12	4.9E-11	9.8E-12	3.9E-10	6.7E-10	2.7E-08	8.4E-11	9.1E-09	1.4E-16	1.2E-14	3.8E-08
2,3,7,8-TCDD	2.8E-14	3.6E-13	5.2E-12	1.4E-12	4.1E-11	1.7E-10	5.7E-09	2.1E-11	1.9E-09	1.4E-14	9.0E-13	7.8E-09
2,3,7,8-TCDF	8.9E-15	6.6E-14	1.3E-12	2.6E-13	1.0E-11	6.2E-11	2.6E-09	7.8E-12	8.5E-10	3.7E-18	3.3E-16	3.5E-09
OCDD	1.8E-20	9.4E-16	1.7E-14	3.7E-15	1.4E-13	1.8E-13	7.2E-12	2.3E-14	2.4E-12	5.3E-20	4.3E-18	1.0E-11
OCDF	6.9E-21	3.6E-16	6.5E-15	1.4E-15	5.1E-14	6.9E-14	2.7E-12	8.6E-15	8.9E-13	2.0E-20	1.6E-18	3.7E-12
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-751 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.0E-16	3.5E-07	6.2E-18	8.3E-07	2.9E-17	2.2E-10	7.7E-09	2.7E-11	2.6E-09	1.9E-10	1.5E-20	1.2E-06
Barium												
Beryllium						8.8E-12	3.0E-10	1.1E-12	1.0E-10	1.1E-20	8.7E-19	4.1E-10
Cadmium						1.2E-10	4.1E-09	1.5E-11	1.4E-09	6.2E-21	5.2E-19	5.6E-09
Chromium												
Cobalt						7.6E-09	1.4E-07	9.5E-10	4.6E-08	1.2E-09	7.3E-13	1.9E-07
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						7.7E-11	2.7E-09	9.7E-12	8.9E-10	6.1E-10	3.7E-19	4.2E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		5.9E-19	1.2E-17	5.4E-19	2.2E-17							3.5E-17
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	3.9E-13	1.0E-08	2.5E-12	9.4E-09	4.6E-12	2.8E-11	1.2E-09	3.5E-12	4.1E-10	2.1E-11	2.3E-14	2.1E-08
Benzo(a)pyrene	1.9E-12	1.1E-07	1.1E-11	9.6E-08	1.9E-11	1.1E-10	4.6E-09	1.4E-11	1.5E-09	7.1E-13	3.1E-16	2.1E-07
Benzo(b)fluoranthene	5.2E-14	1.9E-08	5.8E-14	1.7E-08	1.0E-13	1.2E-11	5.0E-10	1.5E-12	1.7E-10	1.3E-13	1.7E-18	3.7E-08
Benzo(e)pyrene												

Table H-751 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	4.3E-17	7.7E-10	3.4E-15	7.0E-10	6.3E-15	1.1E-13	2.0E-12	1.4E-14	6.5E-13	5.1E-14	1.0E-18	1.5E-09
Biphenyl				2.3E-18	9.6E-17							9.8E-17
Chrysene	6.7E-16	1.5E-10	3.0E-14	1.3E-10	5.5E-14	4.8E-12	2.0E-10	6.0E-13	6.6E-11	9.9E-15	8.9E-18	5.5E-10
Dibenze(a,h)anthracene	9.7E-14	1.9E-13	3.7E-12	1.7E-13	6.8E-12	1.9E-11	7.9E-10	2.4E-12	2.6E-10	1.4E-18	1.2E-16	1.1E-09
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	2.4E-14	5.9E-09	1.0E-12	5.4E-09	1.9E-12	5.8E-12	2.4E-10	7.3E-13	8.0E-11	4.0E-14	3.1E-17	1.2E-08
Napthalene						4.3E-10	1.8E-08	5.4E-11	6.0E-09			2.5E-08
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	3.6E-17	3.5E-18	6.9E-17	2.9E-18	1.2E-16	1.6E-13	6.5E-12	2.0E-14	2.2E-12	7.8E-20	6.8E-18	8.9E-12
Heptachlorobiphenyl	3.9E-17	1.1E-17	2.2E-16	9.7E-18	3.7E-16	6.2E-14	2.5E-12	7.7E-15	8.4E-13	1.4E-19	1.2E-17	3.4E-12
Hexachlorobiphenyl	1.6E-16	5.2E-17	9.3E-16	4.4E-17	1.6E-15	2.6E-13	1.0E-11	3.3E-14	3.4E-12	6.3E-19	5.0E-17	1.4E-11
Monochlorobiphenyl	2.6E-16	2.4E-17	4.8E-16	2.0E-17	8.1E-16	1.1E-12	4.6E-11	1.4E-13	1.5E-11	5.4E-19	4.8E-17	6.2E-11
Nonachlorobiphenyl	4.9E-18	2.0E-18	3.1E-17	1.7E-18	5.3E-17	8.8E-15	3.1E-13	1.1E-15	1.0E-13	2.5E-20	1.7E-18	4.2E-13
Octachlorobiphenyl	1.2E-17	3.7E-18	6.8E-17	3.1E-18	1.1E-16	1.9E-14	7.4E-13	2.4E-15	2.5E-13	4.5E-20	3.7E-18	1.0E-12
Pentachlorobiphenyl	5.3E-16	1.9E-16	3.2E-15	1.6E-16	5.4E-15	8.9E-13	3.4E-11	1.1E-13	1.1E-11	2.3E-18	1.7E-16	4.6E-11
Tetrachlorobiphenyl	1.1E-17	1.3E-18	2.2E-17	1.1E-18	3.8E-17	5.2E-14	1.9E-12	6.5E-15	6.5E-13	3.0E-20	2.2E-18	2.6E-12
Trichlorobiphenyl	1.4E-17	1.6E-18	2.8E-17	1.3E-18	4.8E-17	6.5E-14	2.5E-12	8.2E-15	8.5E-13	3.6E-20	2.8E-18	3.5E-12
Pesticides												
DDE				2.0E-07						1.8E-09		2.0E-07
Dieldrin		3.7E-08		4.3E-08						6.1E-13		8.0E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-dichlorobenzene												
1,4-dichlorobenzene	4.3E-20					1.4E-12	6.4E-11	1.8E-13	2.1E-11			8.7E-11
2,4-Dimethylphenol												

Table H-751 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	5.9E-16	8.1E-15	1.4E-13	9.5E-15	3.4E-13	3.9E-11	1.5E-09	4.9E-12	5.1E-10	8.0E-20	6.3E-18	2.1E-09
Butyl benzyl phthalate	2.9E-17	5.3E-19	1.1E-17	6.3E-19	2.6E-17							6.6E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	4.5E-17					8.4E-11	1.5E-09	1.0E-11	5.0E-10			2.1E-09
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	6.0E-21					8.6E-14	2.9E-12	1.1E-14	9.7E-13			4.0E-12
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	2.8E-18											2.8E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	6.4E-20					3.6E-12	6.3E-11	4.4E-13	2.1E-11			8.9E-11
1,2-Dichloroethane	9.1E-20					5.1E-08	2.3E-10	2.2E-09	7.8E-11			5.3E-08
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-751 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	9.3E-18					5.5E-07	2.3E-08	6.5E-09	7.6E-09			5.9E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	1.7E-21					3.0E-13	5.4E-12	3.8E-14	1.8E-12			7.5E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	8.1E-22					8.0E-08	2.0E-12	7.9E-09	6.7E-13			8.8E-08
Chlorobenzene												
Chlorodibromomethane	1.3E-19											1.3E-19
Chloroethane												
Chloroform	7.5E-21					7.2E-08	7.5E-11	4.7E-09	2.5E-11			7.7E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	1.4E-18					4.6E-08	1.6E-09	5.2E-12	5.3E-10			4.8E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	4.4E-21					1.5E-14	5.7E-13	1.9E-15	1.9E-13			7.8E-13
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	1.2E-22					2.7E-15	9.4E-14	3.4E-16	3.1E-14			1.3E-13
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	2.7E-23					1.8E-09	4.6E-14	3.2E-16	1.5E-14			1.8E-09
Trichlorofluoromethane												

Table H-751 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	3.0E-20					1.9E-12	4.5E-11	2.3E-13	1.5E-11			6.3E-11
Grand Total	2.7E-12	5.3E-07	1.8E-10	1.2E-06	1.3E-09	6.2E-06	3.2E-07	2.3E-08	1.1E-07	3.9E-09	1.7E-12	8.3E-06

Table H-752 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	1.5E-03	5.2E-06	5.0E-04			2.0E-03
Aldehydes												
Acetaldehyde						1.6E-04	5.8E-03	2.0E-05	1.9E-03			7.9E-03
Formaldehyde	2.3E-12					4.9E-01	2.1E-03	7.9E-06	6.9E-04			4.9E-01
Propionaldehyde						2.0E-05	7.2E-04	2.5E-06	2.4E-04	2.1E-12	1.5E-10	9.8E-04
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-06	3.1E-07	9.0E-06	1.3E-06	4.3E-05	1.6E-07	1.4E-05	1.8E-10	1.2E-08	7.0E-05
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	7.7E-03	2.5E-05	2.6E-03			1.1E-02
Metals												
Aluminum				1.2E-02						1.1E-04		1.2E-02
Antimony	3.9E-14			1.9E-03								1.9E-03

Table H-752 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Outdoor Vapors at CJ	Inhalation of Outdoor Vapors at Home	Grand Total
Arsenic	2.7E-12	9.1E-03	1.6E-13	2.1E-02	7.6E-13	4.0E-05	1.4E-03	4.9E-06	4.7E-04	3.5E-05	2.7E-15	3.2E-02
Barium	1.4E-11			2.2E-08	7.5E-07	2.5E-04	6.8E-03	3.1E-05	2.3E-03	4.3E-10	3.2E-08	9.3E-03
Beryllium	1.7E-14			5.2E-13	2.0E-11	2.1E-06	7.3E-05	2.7E-07	2.4E-05	2.6E-15	2.1E-13	9.9E-05
Cadmium	8.3E-12			8.2E-13	3.1E-11	7.6E-05	2.6E-03	9.5E-06	8.8E-04	4.0E-15	3.4E-13	3.6E-03
Chromium	1.9E-15			6.4E-11	2.5E-09							2.6E-09
Cobalt				1.1E-01	4.7E-05	1.6E-03	3.0E-02	2.0E-04	9.9E-03	2.7E-04	2.6E-07	1.5E-01
Copper				1.1E-08	4.3E-07							4.4E-07
Iron				3.9E-02								3.9E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.6E-09	7.8E-08	2.8E-06	9.8E-09	9.2E-07	1.0E-14	7.1E-13	3.8E-06
Mercury, elemental						3.3E-10	1.2E-08	4.1E-11	3.8E-09	1.7E-04		1.7E-04
Methyl Mercury	1.3E-10			3.8E-11	1.5E-09							1.6E-09
Nickel	1.7E-13			2.8E-02	7.8E-12	3.9E-05	1.3E-03	4.8E-06	4.4E-04	3.0E-04	1.9E-13	3.0E-02
Phosphorus				3.7E-10	1.4E-08							1.4E-08
Selenium	5.5E-14			8.1E-15	3.1E-13	8.7E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-20	8.4E-18	4.2E-07
Silver	4.2E-14			1.7E-10	6.3E-09							6.5E-09
Thallium (Soluble Salts)				8.1E-03								8.1E-03
Titanium												
Zinc	1.4E-11			6.1E-13	2.2E-11							3.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	6.9E-14	3.1E-15	1.3E-13							2.0E-13
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	1.2E-12	5.2E-14	2.1E-12							3.4E-12
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-752 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	2.8E-13	2.8E-04	1.2E-02	3.5E-05	3.9E-03	4.9E-12	4.5E-10	1.6E-02
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	3.4E-11	1.5E-12	6.3E-11							1.1E-10
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	2.1E-03	6.2E-06	6.9E-04			2.8E-03
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.9E-10	8.5E-12	3.5E-10							5.6E-10
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.8E-10	1.2E-11	4.7E-10							8.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	1.1E-10	4.9E-12	1.9E-10	9.8E-10	3.9E-08	1.2E-10	1.3E-08	3.8E-15	3.3E-13	5.4E-08
Hexachlorobiphenyl	4.7E-11	2.6E-11	4.7E-10	2.2E-11	8.0E-10	4.1E-06	1.6E-04	5.1E-07	5.3E-05	1.7E-11	1.4E-09	2.2E-04
Monochlorobiphenyl	6.1E-10	9.8E-11	2.0E-09	8.3E-11	3.3E-09							6.0E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.6E-11	8.6E-13	2.7E-11							4.6E-11
Octachlorobiphenyl	3.4E-12	1.9E-12	3.4E-11	1.6E-12	5.8E-11							9.9E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.6E-09	8.0E-11	2.7E-09	4.6E-05	1.7E-03	5.7E-06	5.7E-04	2.0E-10	1.5E-08	2.3E-03
Tetrachlorobiphenyl	2.6E-11	5.4E-12	9.1E-11	4.5E-12	1.5E-10	2.3E-07	8.7E-06	2.9E-08	2.9E-06	2.3E-13	1.7E-11	1.2E-05
Trichlorobiphenyl	3.4E-11	6.5E-12	1.2E-10	5.5E-12	2.0E-10							3.6E-10
Pesticides												
DDE												
Dieldrin		5.4E-04		6.3E-04								1.2E-03
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	4.3E-06	1.7E-08	1.4E-06			5.9E-06
1,2-dichlorobenzene	3.1E-17					5.4E-10	9.7E-09	6.8E-11	3.2E-09			1.4E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	8.5E-08	2.4E-10	2.8E-08			1.2E-07
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-752 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	3.9E-06	1.2E-08	1.3E-06			5.3E-06
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	6.0E-09	4.0E-10	1.4E-08							2.1E-08
Butyl benzyl phthalate	8.8E-13	1.6E-14	3.3E-13	1.9E-14	7.9E-13							2.0E-12
Carbazole												
Dibenzofuran		1.4E-13	2.9E-12	5.7E-13	2.3E-11							2.6E-11
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	6.7E-13	3.9E-14	1.6E-12							1.9E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	8.7E-12	1.1E-12	2.1E-11							3.1E-11
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						3.0E-02						3.0E-02
Phenol	4.9E-13					1.5E-06	6.2E-05	1.9E-07	2.1E-05			8.5E-05
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	1.0E-09	3.3E-12	3.3E-10			1.4E-09
1,1-Dichloroethene	1.2E-19					1.3E-10	2.3E-09	1.6E-11	7.7E-10			3.2E-09
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	6.4E-06	4.5E-08	2.1E-06			9.0E-06
1,2,4-Trimethylbenzene						8.9E-07	2.8E-05	1.1E-07	9.4E-06			3.9E-05
1,2-Dibromoethane	4.1E-17					7.7E-09	1.4E-07	9.6E-10	4.6E-08			1.9E-07
1,2-Dichloroethane	1.9E-15					3.3E-03	1.5E-05	1.4E-04	5.0E-06			3.4E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	2.6E-07	8.3E-10	8.7E-08			3.6E-07
2-Chlorotoluene												
2-Hexanone						2.3E-07	8.2E-06	2.8E-08	2.7E-06			1.1E-05

Table H-752 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					2.7E-02	1.1E-03	3.2E-04	3.8E-04			2.9E-02
Bromobenzene						6.2E-07	1.1E-05	7.8E-08	3.7E-06			1.5E-05
Bromochloromethane						2.2E-09	3.9E-08	2.8E-10	1.3E-08			5.5E-08
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	2.3E-05	9.5E-08	7.6E-06			3.1E-05
Carbon disulfide	1.3E-17					4.8E-09	1.4E-07	6.0E-10	4.7E-08			1.9E-07
Carbon tetrachloride	3.4E-17					1.6E-03	3.9E-08	1.5E-04	1.3E-08			1.7E-03
Chlorobenzene	2.3E-15					9.6E-08	3.4E-06	1.2E-08	1.1E-06			4.7E-06
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	3.2E-08	1.1E-10	1.1E-08			4.3E-08
Chloroform	2.8E-16					3.7E-04	3.9E-07	2.4E-05	1.3E-07			4.0E-04
Chloromethane						3.4E-07	1.0E-05	4.3E-08	3.5E-06			1.4E-05
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	9.1E-07	6.4E-09	3.0E-07			1.3E-06
Dichlorodifluoromethane	2.4E-20					2.5E-09	4.4E-08	3.1E-10	1.5E-08			6.2E-08
Ethylbenzene	1.5E-14					2.1E-04	7.4E-06	2.4E-08	2.5E-06			2.2E-04
Isopropylbenzene	2.0E-17					3.9E-08	1.3E-06	4.9E-09	4.5E-07			1.8E-06
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.1E-09	1.5E-11	7.1E-10			3.0E-09
Methylene chloride	4.3E-15					3.0E-08	1.1E-06	3.8E-09	3.7E-07			1.5E-06
n-Butylbenzene												
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07			4.2E-07
o-Xylene	1.4E-15					2.3E-07	7.6E-06	2.9E-08	2.5E-06			1.0E-05
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.9E-05	6.4E-08	6.2E-06			2.5E-05
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	1.1E-07	3.8E-10	3.5E-08			1.4E-07
Toluene	2.0E-14					6.3E-08	2.5E-06	7.9E-09	8.3E-07			3.4E-06
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					2.5E-03	6.5E-08	4.5E-10	2.2E-08			2.5E-03
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-752 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					5.0E-08	1.2E-06	6.2E-09	4.0E-07			1.7E-06
Grand Total	5.0E-09	9.6E-03	1.1E-06	2.2E-01	5.8E-05	5.6E-01	7.7E-02	1.0E-03	2.6E-02	8.9E-04	3.2E-07	8.9E-01

Table H-753 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride						
Aldehydes						
Acetaldehyde			2.7E-10	3.4E-11		3.1E-10
Formaldehyde			3.6E-06	8.6E-11		3.6E-06
Propionaldehyde						
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD	1.4E-13	5.5E-13	2.8E-11	3.5E-12	7.8E-18	3.2E-11
1,2,3,4,6,7,8-HpCDF	1.4E-13	5.5E-13	2.8E-11	3.5E-12	7.9E-18	3.2E-11
1,2,3,4,7,8,9-HpCDF	1.6E-14	6.3E-14	3.5E-12	4.4E-13	9.1E-19	4.1E-12
1,2,3,4,7,8-HxCDD	1.6E-13	6.2E-13	3.3E-11	4.1E-12	8.9E-18	3.8E-11
1,2,3,4,7,8-HxCDF	1.2E-12	4.9E-12	2.7E-10	3.4E-11	7.0E-17	3.1E-10
1,2,3,6,7,8-HxCDD	3.2E-13	1.3E-12	7.0E-11	8.7E-12	1.8E-17	8.0E-11
1,2,3,6,7,8-HxCDF	4.1E-13	1.6E-12	8.7E-11	1.1E-11	2.3E-17	1.0E-10
1,2,3,7,8,9-HxCDD	5.1E-13	2.0E-12	1.1E-10	1.3E-11	2.9E-17	1.2E-10
1,2,3,7,8,9-HxCDF	2.9E-14	1.2E-13	6.7E-12	8.4E-13	1.6E-18	7.7E-12
1,2,3,7,8-PeCDD	1.8E-12	7.0E-12	4.2E-10	5.3E-11	1.0E-16	4.8E-10

Table H-753 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	1.0E-13	4.1E-13	3.0E-11	3.7E-12	5.9E-18	3.4E-11
2,3,4,6,7,8-HxCDF	6.4E-13	2.5E-12	1.4E-10	1.7E-11	3.6E-17	1.6E-10
2,3,4,7,8-PeCDF	2.5E-12	9.8E-12	6.7E-10	8.4E-11	1.4E-16	7.7E-10
2,3,7,8-TCDD	3.6E-13	1.4E-12	1.7E-10	2.1E-11	1.4E-14	1.9E-10
2,3,7,8-TCDF	6.6E-14	2.6E-13	6.2E-11	7.8E-12	3.7E-18	7.0E-11
OCDD	9.4E-16	3.7E-15	1.8E-13	2.3E-14	5.3E-20	2.1E-13
OCDF	3.6E-16	1.4E-15	6.9E-14	8.6E-15	2.0E-20	7.9E-14
HCN						
Hydrogen cyanide						
Metals						
Aluminum						
Antimony						
Arsenic	4.6E-08	1.1E-07	2.2E-10	2.7E-11	2.6E-11	1.6E-07
Barium						
Beryllium			8.8E-12	1.1E-12	1.1E-20	9.9E-12
Cadmium			1.2E-10	1.5E-11	6.2E-21	1.3E-10
Chromium						
Cobalt			7.6E-09	9.5E-10	1.0E-09	9.5E-09
Copper						
Iron						
Lead						
Manganese						
Mercury (+2)						

Table H-753 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental						
Methyl Mercury						
Nickel			7.7E-11	9.7E-12	6.1E-10	6.9E-10
Phosphorus						
Selenium						
Silver						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	5.9E-19	5.4E-19				1.1E-18
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	1.4E-09	1.3E-09	2.8E-11	3.5E-12	2.9E-12	2.7E-09
Benzo(a)pyrene	1.6E-08	1.5E-08	1.1E-10	1.4E-11	1.1E-13	3.1E-08
Benzo(b)fluoranthene	2.9E-09	2.7E-09	1.2E-11	1.5E-12	2.0E-14	5.6E-09
Benzo(e)pyrene						

Table H-753 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	2.2E-10	2.0E-10	1.1E-13	1.4E-14	1.5E-14	4.2E-10
Biphenyl		2.3E-18				2.3E-18
Chrysene	1.7E-11	1.6E-11	4.8E-12	6.0E-13	1.1E-15	3.8E-11
Dibenze(a,h)anthracene	1.9E-13	1.7E-13	1.9E-11	2.4E-12	1.4E-18	2.2E-11
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	7.1E-10	6.4E-10	5.8E-12	7.3E-13	4.7E-15	1.4E-09
Napthalene			4.3E-10	5.4E-11		4.9E-10
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	3.5E-18	2.9E-18	1.6E-13	2.0E-14	7.8E-20	1.8E-13
Heptachlorobiphenyl	1.1E-17	9.7E-18	6.2E-14	7.7E-15	1.4E-19	7.0E-14
Hexachlorobiphenyl	5.2E-17	4.4E-17	2.6E-13	3.3E-14	6.3E-19	2.9E-13
Monochlorobiphenyl	2.4E-17	2.0E-17	1.1E-12	1.4E-13	5.4E-19	1.2E-12
Nonachlorobiphenyl	2.0E-18	1.7E-18	8.8E-15	1.1E-15	2.5E-20	9.9E-15
Octachlorobiphenyl	3.7E-18	3.1E-18	1.9E-14	2.4E-15	4.5E-20	2.1E-14

Table H-753 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Pentachlorobiphenyl	1.9E-16	1.6E-16	8.9E-13	1.1E-13	2.3E-18	1.0E-12
Tetrachlorobiphenyl	1.3E-18	1.1E-18	5.2E-14	6.5E-15	3.0E-20	5.8E-14
Trichlorobiphenyl	1.6E-18	1.3E-18	6.5E-14	8.2E-15	3.6E-20	7.4E-14
Pesticides						
Chlordecone (Kepone)	1.1E-06	1.3E-06			2.9E-11	2.4E-06
DDE		6.0E-09			5.4E-11	6.0E-09
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-Butadiene			5.6E-08			5.6E-08
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.4E-12	1.8E-13		1.6E-12
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	8.1E-15	9.5E-15	3.9E-11	4.9E-12	8.0E-20	4.4E-11
Butyl benzyl phthalate	5.3E-19	6.3E-19				1.2E-18

Table H-753 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			8.4E-11	1.0E-11		9.4E-11
Isopropanol						
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			8.6E-14	1.1E-14		9.6E-14
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			3.6E-12	4.4E-13		4.0E-12
1,2-Dichloroethane			6.2E-12	2.2E-09		2.2E-09
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						

Table H-753 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
2-Chlorotoluene						
2-Hexanone						
Benzene			5.6E-08	6.5E-09		6.3E-08
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			3.0E-13	3.8E-14		3.4E-13
Bromomethane						
Carbon disulfide						
Carbon tetrachloride			7.6E-08	7.9E-09		8.4E-08
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			4.3E-08	4.7E-09		4.7E-08
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			5.9E-09	5.2E-12		5.9E-09
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			1.5E-14	1.9E-15		1.7E-14

Table H-753 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethene			2.7E-15	3.4E-16		3.0E-15
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			2.6E-15	3.2E-16		2.9E-15
Trichlorofluoromethane						
Vinyl chloride			1.9E-12	2.3E-13		2.1E-12
Grand Total	1.2E-06	1.4E-06	3.8E-06	2.3E-08	1.7E-09	6.4E-06

Table H-754 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			4.2E-05	5.2E-06		4.7E-05
Aldehydes						
Acetaldehyde			1.6E-04	2.0E-05		1.8E-04
Formaldehyde			3.3E-01	7.9E-06		3.3E-01
Propionaldehyde			2.0E-05	2.5E-06	2.1E-12	2.2E-05
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-754 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	7.9E-08	3.1E-07	1.3E-06	1.6E-07	1.8E-10	1.8E-06
2,3,7,8-TCDF						
OCDD						
OCDF						
HCN						
Hydrogen cyanide			2.0E-04	2.5E-05		2.2E-04
Metals						
Aluminum		1.0E-02			1.0E-04	1.0E-02
Antimony		9.4E-04				9.4E-04
Arsenic	1.2E-03	2.8E-03	4.0E-05	4.9E-06	4.6E-06	4.1E-03
Barium		2.2E-08	2.5E-04	3.1E-05	4.3E-10	2.8E-04
Beryllium		5.2E-13	2.1E-06	2.7E-07	2.6E-15	2.4E-06
Cadmium		8.2E-13	7.6E-05	9.5E-06	4.0E-15	8.5E-05
Chromium		6.4E-11				6.4E-11
Cobalt		8.8E-02	1.6E-03	2.0E-04	2.2E-04	9.0E-02
Copper		1.1E-08				1.1E-08
Iron		3.2E-02				3.2E-02
Lead						
Manganese						
Mercury (+2)		2.1E-10	7.8E-08	9.8E-09	1.0E-14	8.8E-08

Table H-754 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Mercury, elemental			3.3E-10	4.1E-11	1.1E-02	1.1E-02
Methyl Mercury		3.8E-11				3.8E-11
Nickel		2.8E-02	3.9E-05	4.8E-06	3.0E-04	2.8E-02
Phosphorus		3.7E-10				3.7E-10
Selenium		8.1E-15	8.7E-09	1.1E-09	9.9E-20	9.8E-09
Silver		1.7E-10				1.7E-10
Titanium						
Zinc		6.1E-13				6.1E-13
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	3.4E-15	3.1E-15				6.5E-15
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	5.8E-14	5.2E-14				1.1E-13
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						
Benzo(e)pyrene						

Table H-754 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						
Biphenyl		6.7E-15	2.8E-04	3.5E-05	4.9E-12	3.1E-04
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	1.7E-12	1.5E-12				3.2E-12
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene			5.0E-05	6.2E-06		5.6E-05
Perylene						
Phenanthrene						
Pyrene	9.3E-12	8.5E-12				1.8E-11
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	1.4E-11	1.2E-11				2.6E-11
Heptachlorobiphenyl	5.8E-12	4.9E-12	9.8E-10	1.2E-10	3.8E-15	1.1E-09
Hexachlorobiphenyl	2.6E-11	2.2E-11	4.1E-06	5.1E-07	1.7E-11	4.6E-06
Monochlorobiphenyl	9.8E-11	8.3E-11				1.8E-10
Nonachlorobiphenyl	1.0E-12	8.6E-13				1.9E-12
Octachlorobiphenyl	1.9E-12	1.6E-12				3.5E-12

Table H-754 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Pentachlorobiphenyl	9.4E-11	8.0E-11	4.6E-05	5.7E-06	2.0E-10	5.1E-05
Tetrachlorobiphenyl	5.4E-12	4.5E-12	2.3E-07	2.9E-08	2.3E-13	2.6E-07
Trichlorobiphenyl	6.5E-12	5.5E-12				1.2E-11
Pesticides						
Chlordecone (Kepone)	4.2E-03	5.0E-03				9.2E-03
DDE						
SVOCs						
1,2,4-trichlorobenzene			1.3E-07	1.7E-08		1.5E-07
1,2-dichlorobenzene			5.4E-10	6.8E-11		6.1E-10
1,3-Butadiene			1.1E-02			1.1E-02
1,3-dichlorobenzene						
1,4-dichlorobenzene			1.9E-09	2.4E-10		2.1E-09
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			9.3E-08	1.2E-08		1.0E-07
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	3.4E-10	4.0E-10				7.4E-10
Butyl benzyl phthalate	1.6E-14	1.9E-14				3.6E-14

Table H-754 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbazole						
Dibenzofuran	1.4E-13	5.7E-13				7.1E-13
Dimethyl phthalate						
Di-n-butyl phthalate	3.3E-14	3.9E-14				7.1E-14
Di-n-octyl phthalate	9.4E-13	1.1E-12				2.1E-12
Hexachlorobutadiene						
Isopropanol			1.7E-03			1.7E-03
Phenol			1.5E-06	1.9E-07		1.7E-06
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			2.7E-11	3.3E-12		3.0E-11
1,1-Dichloroethene			1.3E-10	1.6E-11		1.5E-10
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.6E-07	4.5E-08		4.1E-07
1,2,4-Trimethylbenzene			8.9E-07	1.1E-07		1.0E-06
1,2-Dibromoethane			7.7E-09	9.6E-10		8.6E-09
1,2-Dichloroethane			4.0E-07	1.4E-04		1.4E-04
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone			6.6E-09	8.3E-10		7.4E-09

Table H-754 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
2-Chlorotoluene						
2-Hexanone			2.3E-07	2.8E-08		2.5E-07
Benzene			2.8E-03	3.2E-04		3.1E-03
Bromobenzene			6.2E-07	7.8E-08		7.0E-07
Bromochloromethane			2.2E-09	2.8E-10		2.5E-09
Bromodichloromethane						
Bromomethane			7.6E-07	9.5E-08		8.6E-07
Carbon disulfide			4.8E-09	6.0E-10		5.4E-09
Carbon tetrachloride			1.5E-03	1.5E-04		1.6E-03
Chlorobenzene			9.6E-08	1.2E-08		1.1E-07
Chlorodibromomethane						
Chloroethane			9.1E-10	1.1E-10		1.0E-09
Chloroform			2.2E-04	2.4E-05		2.5E-04
Chloromethane			3.4E-07	4.3E-08		3.9E-07
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			5.1E-08	6.4E-09		5.7E-08
Dichlorodifluoromethane			2.5E-09	3.1E-10		2.8E-09
Ethylbenzene			2.7E-05	2.4E-08		2.7E-05
Isopropylbenzene			3.9E-08	4.9E-09		4.4E-08
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.2E-10	1.5E-11		1.3E-10
Methylene chloride			3.0E-08	3.8E-09		3.4E-08

Table H-754 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
n-Butylbenzene						
n-Propylbenzene			9.4E-09	1.2E-09		1.1E-08
o-Xylene			2.3E-07	2.9E-08		2.6E-07
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			5.1E-07	6.4E-08		5.7E-07
tert-Butylbenzene						
Tetrachloroethene			3.0E-09	3.8E-10		3.4E-09
Toluene			6.3E-08	7.9E-09		7.1E-08
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			3.6E-09	4.5E-10		4.1E-09
Trichlorofluoromethane						
Vinyl chloride			5.0E-08	6.2E-09		5.6E-08
Grand Total	5.4E-03	1.7E-01	3.5E-01	1.0E-03	1.2E-02	5.3E-01

Table H-755 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						2.7E-10	6.3E-10	3.4E-11	3.4E-11			9.7E-10
Formaldehyde						3.6E-06	1.6E-09	8.6E-11	8.6E-11			3.6E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.4E-16	1.4E-13	1.9E-13	5.5E-13	1.5E-12	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.8E-18	4.8E-17	1.0E-10
1,2,3,4,6,7,8-HpCDF	1.3E-16	1.4E-13	2.0E-13	5.5E-13	1.5E-12	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.9E-18	4.9E-17	1.0E-10
1,2,3,4,7,8,9-HpCDF	2.0E-17	1.6E-14	2.2E-14	6.3E-14	1.8E-13	3.5E-12	8.2E-12	4.4E-13	4.4E-13	9.1E-19	5.6E-18	1.3E-11
1,2,3,4,7,8-HxCDD	1.6E-15	1.6E-13	2.2E-13	6.2E-13	1.7E-12	3.3E-11	7.6E-11	4.1E-12	4.1E-12	8.9E-18	5.5E-17	1.2E-10
1,2,3,4,7,8-HxCDF	1.1E-14	1.2E-12	1.7E-12	4.9E-12	1.4E-11	2.7E-10	6.2E-10	3.4E-11	3.4E-11	7.0E-17	4.3E-16	9.8E-10
1,2,3,6,7,8-HxCDD	3.0E-15	3.2E-13	4.5E-13	1.3E-12	3.5E-12	7.0E-11	1.6E-10	8.7E-12	8.7E-12	1.8E-17	1.1E-16	2.5E-10
1,2,3,6,7,8-HxCDF	3.9E-15	4.1E-13	5.7E-13	1.6E-12	4.5E-12	8.7E-11	2.0E-10	1.1E-11	1.1E-11	2.3E-17	1.4E-16	3.2E-10
1,2,3,7,8,9-HxCDD	4.3E-15	5.1E-13	7.1E-13	2.0E-12	5.6E-12	1.1E-10	2.4E-10	1.3E-11	1.3E-11	2.9E-17	1.8E-16	3.9E-10
1,2,3,7,8,9-HxCDF	3.2E-16	2.9E-14	4.1E-14	1.2E-13	3.2E-13	6.7E-12	1.5E-11	8.4E-13	8.4E-13	1.6E-18	1.0E-17	2.4E-11
1,2,3,7,8-PeCDD	8.2E-14	1.8E-12	2.5E-12	7.0E-12	2.0E-11	4.2E-10	9.7E-10	5.3E-11	5.3E-11	1.0E-16	6.2E-16	1.5E-09
1,2,3,7,8-PeCDF	5.7E-15	1.0E-13	1.5E-13	4.1E-13	1.2E-12	3.0E-11	6.9E-11	3.7E-12	3.7E-12	5.9E-18	3.6E-17	1.1E-10
2,3,4,6,7,8-HxCDF	5.7E-15	6.4E-13	8.9E-13	2.5E-12	7.0E-12	1.4E-10	3.1E-10	1.7E-11	1.7E-11	3.6E-17	2.2E-16	4.9E-10
2,3,4,7,8-PeCDF	9.1E-14	2.5E-12	3.5E-12	9.8E-12	2.8E-11	6.7E-10	1.6E-09	8.4E-11	8.4E-11	1.4E-16	8.7E-16	2.4E-09
2,3,7,8-TCDD	2.8E-14	3.6E-13	5.0E-13	1.4E-12	4.0E-12	1.7E-10	3.9E-10	2.1E-11	2.1E-11	1.4E-14	8.7E-14	6.1E-10
2,3,7,8-TCDF	8.9E-15	6.6E-14	9.2E-14	2.6E-13	7.3E-13	6.2E-11	1.4E-10	7.8E-12	7.8E-12	3.7E-18	2.3E-17	2.2E-10
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	1.8E-13	4.2E-13	2.3E-14	2.3E-14	5.3E-20	3.3E-19	6.7E-13
OCDF	6.9E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	6.9E-14	1.6E-13	8.6E-15	8.6E-15	2.0E-20	1.3E-19	2.5E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-755 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.0E-16	4.6E-08	3.0E-08	1.1E-07	1.4E-07	2.2E-10	5.1E-10	2.7E-11	2.7E-11	2.6E-11	7.2E-11	3.3E-07
Barium												
Beryllium						8.8E-12	2.0E-11	1.1E-12	1.1E-12	1.1E-20	6.5E-20	3.1E-11
Cadmium						1.2E-10	2.7E-10	1.5E-11	1.5E-11	6.2E-21	3.8E-20	4.2E-10
Chromium												
Cobalt						7.6E-09	1.8E-08	9.5E-10	9.5E-10	1.0E-09	3.1E-09	3.1E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						7.7E-11	1.8E-10	9.7E-12	9.7E-12	6.1E-10	1.7E-09	2.6E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		5.9E-19	8.3E-19	5.4E-19	1.5E-18							3.5E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	3.9E-13	1.4E-09	3.2E-08	1.3E-09	5.8E-08	2.8E-11	6.5E-11	3.5E-12	3.5E-12	2.9E-12	1.8E-11	9.3E-08
Benzo(a)pyrene	1.9E-12	1.6E-08	3.5E-07	1.5E-08	6.4E-07	1.1E-10	2.6E-10	1.4E-11	1.4E-11	1.1E-13	1.0E-11	1.0E-06
Benzo(b)fluoranthene	5.2E-14	2.9E-09	4.9E-08	2.7E-09	9.0E-08	1.2E-11	2.9E-11	1.5E-12	1.5E-12	2.0E-14	1.5E-12	1.4E-07
Benzo(e)pyrene												

Table H-755 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	4.3E-17	2.2E-10	2.5E-09	2.0E-10	4.5E-09	1.1E-13	2.5E-13	1.4E-14	1.4E-14	1.5E-14	7.4E-13	7.4E-09
Biphenyl				2.3E-18	6.4E-18							8.7E-18
Chrysene	6.7E-16	1.7E-11	3.6E-10	1.6E-11	6.5E-10	4.8E-12	1.1E-11	6.0E-13	6.0E-13	1.1E-15	1.1E-13	1.1E-09
Dibenze(a,h)anthracene	9.7E-14	1.9E-13	8.7E-08	1.7E-13	1.6E-07	1.9E-11	4.4E-11	2.4E-12	2.4E-12	1.4E-18	2.8E-12	2.5E-07
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	2.4E-14	7.1E-10	2.3E-08	6.4E-10	4.1E-08	5.8E-12	1.3E-11	7.3E-13	7.3E-13	4.7E-15	6.7E-13	6.6E-08
Napthalene						4.3E-10	1.0E-09	5.4E-11	5.4E-11			1.5E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	3.6E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	1.6E-13	3.7E-13	2.0E-14	2.0E-14	7.8E-20	4.8E-19	5.7E-13
Heptachlorobiphenyl	3.9E-17	1.1E-17	1.6E-17	9.7E-18	2.7E-17	6.2E-14	1.4E-13	7.7E-15	7.7E-15	1.4E-19	8.6E-19	2.2E-13
Hexachlorobiphenyl	1.6E-16	5.2E-17	7.2E-17	4.4E-17	1.2E-16	2.6E-13	6.0E-13	3.3E-14	3.3E-14	6.3E-19	3.9E-18	9.3E-13
Monochlorobiphenyl	2.6E-16	2.4E-17	3.4E-17	2.0E-17	5.7E-17	1.1E-12	2.6E-12	1.4E-13	1.4E-13	5.4E-19	3.3E-18	4.0E-12
Nonachlorobiphenyl	4.9E-18	2.0E-18	2.8E-18	1.7E-18	4.8E-18	8.8E-15	2.0E-14	1.1E-15	1.1E-15	2.5E-20	1.5E-19	3.1E-14
Octachlorobiphenyl	1.2E-17	3.7E-18	5.2E-18	3.1E-18	8.8E-18	1.9E-14	4.4E-14	2.4E-15	2.4E-15	4.5E-20	2.8E-19	6.8E-14
Pentachlorobiphenyl	5.3E-16	1.9E-16	2.6E-16	1.6E-16	4.4E-16	8.9E-13	2.1E-12	1.1E-13	1.1E-13	2.3E-18	1.4E-17	3.2E-12
Tetrachlorobiphenyl	1.1E-17	1.3E-18	1.8E-18	1.1E-18	3.1E-18	5.2E-14	1.2E-13	6.5E-15	6.5E-15	3.0E-20	1.8E-19	1.8E-13
Trichlorobiphenyl	1.4E-17	1.6E-18	2.2E-18	1.3E-18	3.8E-18	6.5E-14	1.5E-13	8.2E-15	8.2E-15	3.6E-20	2.2E-19	2.3E-13
Pesticides												
Chlordecone (Kepone)		1.1E-06		1.3E-06						2.9E-11		2.4E-06
DDE				6.0E-09	6.4E-09					5.4E-11	3.3E-10	1.3E-08
Dieldrin			1.4E-08		3.2E-08						1.0E-12	4.6E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene						5.6E-08						5.6E-08
1,3-dichlorobenzene												

Table H-755 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
1,4-dichlorobenzene	4.3E-20					1.4E-12	3.3E-12	1.8E-13	1.8E-13			5.1E-12
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	5.9E-16	8.1E-15	1.1E-14	9.5E-15	2.7E-14	3.9E-11	9.0E-11	4.9E-12	4.9E-12	8.0E-20	4.9E-19	1.4E-10
Butyl benzyl phthalate	2.9E-17	5.3E-19	7.4E-19	6.3E-19	1.8E-18							3.2E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	4.5E-17					8.4E-11	1.9E-10	1.0E-11	1.0E-11			3.0E-10
Isopropanol												
p-Chloroaniline			5.6E-09		1.3E-08							1.9E-08
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	6.0E-21					8.6E-14	2.0E-13	1.1E-14	1.1E-14			3.0E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	2.8E-18											2.8E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	6.4E-20					3.6E-12	8.2E-12	4.4E-13	4.4E-13			1.3E-11
1,2-Dichloroethane	9.1E-20					6.2E-12	9.8E-08	2.2E-09	2.2E-09			1.0E-07
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												

Table H-755 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Butanone												
2-Chlorotoluene												
2-Hexanone												
Benzene	9.3E-18					5.6E-08	1.8E-07	6.5E-09	6.5E-09			2.5E-07
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	1.7E-21					3.0E-13	1.1E-06	3.8E-14	3.8E-14			1.1E-06
Bromoform							1.4E-07					1.4E-07
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	8.1E-22					7.6E-08	2.0E-07	7.9E-09	7.9E-09			2.9E-07
Chlorobenzene												
Chlorodibromomethane	1.3E-19											1.3E-19
Chloroethane												
Chloroform	7.5E-21					4.3E-08	1.6E-06	4.7E-09	4.7E-09			1.6E-06
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	1.4E-18					5.9E-09	4.7E-08	5.2E-12	5.2E-12			5.3E-08
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	4.4E-21					1.5E-14	3.6E-14	1.9E-15	1.9E-15			5.5E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	1.2E-22					2.7E-15	6.2E-15	3.4E-16	3.4E-16			9.6E-15
Toluene												

Table H-755 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	2.7E-23					2.6E-15	1.6E-07	3.2E-16	3.2E-16			1.6E-07
Trichlorofluoromethane												
Vinyl chloride	3.0E-20					1.9E-12	4.3E-12	2.3E-13	2.3E-13			6.6E-12
Grand Total	2.7E-12	1.2E-06	5.9E-07	1.4E-06	1.2E-06	3.8E-06	3.5E-06	2.3E-08	2.3E-08	1.7E-09	5.2E-09	1.2E-05

Table H-756 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					3.3E-01	1.5E-04	7.9E-06	7.9E-06			3.3E-01
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.0E-02	2.0E-02					1.0E-04	4.2E-04	3.0E-02
Antimony	3.9E-14			9.4E-04	3.6E-03							4.5E-03

Table H-756 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	1.2E-03	7.7E-04	2.8E-03	3.6E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	4.6E-06	1.3E-05	8.6E-03
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				8.8E-02	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.2E-04	6.6E-04	2.2E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				3.2E-02	5.4E-02							8.6E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.1E-02	6.8E-02	7.9E-02
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.8E-02	3.5E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.0E-04	8.5E-04	6.5E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Thallium (Soluble Salts)					1.7E-02							1.7E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-756 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
Chlordecone (Kepone)		4.2E-03		5.0E-03								9.2E-03
DDE												
Dieldrin			2.0E-04		4.7E-04							6.7E-04
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.1E-02						1.1E-02
1,3-dichlorobenzene												

Table H-756 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.7E-03	1.1E-02					1.3E-02
p-Chloroaniline			8.2E-05		1.9E-04							2.8E-04
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	6.3E-03	1.4E-04	1.4E-04			6.5E-03
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												

Table H-756 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.8E-03	9.0E-03	3.2E-04	3.2E-04			1.2E-02
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromoform												
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.5E-03	3.9E-03	1.5E-04	1.5E-04			5.7E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					2.2E-04	8.1E-03	2.4E-05	2.4E-05			8.3E-03
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					2.7E-05	2.2E-04	2.4E-08	2.4E-08			2.5E-04
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07

Table H-756 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					3.6E-09	2.2E-01	4.5E-10	4.5E-10			2.2E-01
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	5.0E-09	5.4E-03	1.0E-03	1.7E-01	2.6E-01	3.5E-01	2.7E-01	1.0E-03	1.0E-03	1.2E-02	6.9E-02	1.1E+00

Table H-757 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						2.7E-10	6.3E-10	3.4E-11	3.4E-11			9.7E-10
Formaldehyde						3.6E-06	4.4E-05	8.6E-11	8.6E-11			4.8E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.4E-16	1.4E-13	1.9E-13	5.5E-13	1.5E-12	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.8E-18	4.8E-17	1.0E-10
1,2,3,4,6,7,8-HpCDF	1.3E-16	1.4E-13	2.0E-13	5.5E-13	1.5E-12	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.9E-18	4.9E-17	1.0E-10
1,2,3,4,7,8,9-HpCDF	2.0E-17	1.6E-14	2.2E-14	6.3E-14	1.8E-13	3.5E-12	8.2E-12	4.4E-13	4.4E-13	9.1E-19	5.6E-18	1.3E-11
1,2,3,4,7,8-HxCDD	1.6E-15	1.6E-13	2.2E-13	6.2E-13	1.7E-12	3.3E-11	7.6E-11	4.1E-12	4.1E-12	8.9E-18	5.5E-17	1.2E-10
1,2,3,4,7,8-HxCDF	1.1E-14	1.2E-12	1.7E-12	4.9E-12	1.4E-11	2.7E-10	6.2E-10	3.4E-11	3.4E-11	7.0E-17	4.3E-16	9.8E-10
1,2,3,6,7,8-HxCDD	3.0E-15	3.2E-13	4.5E-13	1.3E-12	3.5E-12	7.0E-11	1.6E-10	8.7E-12	8.7E-12	1.8E-17	1.1E-16	2.5E-10
1,2,3,6,7,8-HxCDF	3.9E-15	4.1E-13	5.7E-13	1.6E-12	4.5E-12	8.7E-11	2.0E-10	1.1E-11	1.1E-11	2.3E-17	1.4E-16	3.2E-10
1,2,3,7,8,9-HxCDD	4.3E-15	5.1E-13	7.1E-13	2.0E-12	5.6E-12	1.1E-10	2.4E-10	1.3E-11	1.3E-11	2.9E-17	1.8E-16	3.9E-10
1,2,3,7,8,9-HxCDF	3.2E-16	2.9E-14	4.1E-14	1.2E-13	3.2E-13	6.7E-12	1.5E-11	8.4E-13	8.4E-13	1.6E-18	1.0E-17	2.4E-11
1,2,3,7,8-PeCDD	8.2E-14	1.8E-12	2.5E-12	7.0E-12	2.0E-11	4.2E-10	9.7E-10	5.3E-11	5.3E-11	1.0E-16	6.2E-16	1.5E-09
1,2,3,7,8-PeCDF	5.7E-15	1.0E-13	1.5E-13	4.1E-13	1.2E-12	3.0E-11	6.9E-11	3.7E-12	3.7E-12	5.9E-18	3.6E-17	1.1E-10
2,3,4,6,7,8-HxCDF	5.7E-15	6.4E-13	8.9E-13	2.5E-12	7.0E-12	1.4E-10	3.1E-10	1.7E-11	1.7E-11	3.6E-17	2.2E-16	4.9E-10
2,3,4,7,8-PeCDF	9.1E-14	2.5E-12	3.5E-12	9.8E-12	2.8E-11	6.7E-10	1.6E-09	8.4E-11	8.4E-11	1.4E-16	8.7E-16	2.4E-09
2,3,7,8-TCDD	2.8E-14	3.6E-13	5.0E-13	1.4E-12	4.0E-12	1.7E-10	3.9E-10	2.1E-11	2.1E-11	1.4E-14	8.7E-14	6.1E-10
2,3,7,8-TCDF	8.9E-15	6.6E-14	9.2E-14	2.6E-13	7.3E-13	6.2E-11	1.4E-10	7.8E-12	7.8E-12	3.7E-18	2.3E-17	2.2E-10
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	1.8E-13	4.2E-13	2.3E-14	2.3E-14	5.3E-20	3.3E-19	6.7E-13
OCDF	6.9E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	6.9E-14	1.6E-13	8.6E-15	8.6E-15	2.0E-20	1.3E-19	2.5E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-757 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.0E-16	4.6E-08	5.9E-08	1.1E-07	2.8E-07	2.2E-10	5.1E-10	2.7E-11	2.7E-11	2.6E-11	1.4E-10	4.9E-07
Barium												
Beryllium						8.8E-12	2.0E-11	1.1E-12	1.1E-12	1.1E-20	6.5E-20	3.1E-11
Cadmium						1.2E-10	2.7E-10	1.5E-11	1.5E-11	6.2E-21	3.8E-20	4.2E-10
Chromium												
Cobalt						7.6E-09	1.8E-08	9.5E-10	9.5E-10	1.0E-09	3.1E-09	3.1E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						7.7E-11	1.8E-10	9.7E-12	9.7E-12	6.1E-10	1.9E-09	2.8E-09
Phosphorus												
Selenium												
Silver												
Thallium (Soluble Salts)												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		5.9E-19	8.3E-19	5.4E-19	1.5E-18							3.5E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	3.9E-13	1.4E-09	1.6E-13	1.3E-09	2.9E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	2.9E-12	1.8E-11	2.8E-09
Benzo(a)pyrene	1.9E-12	1.6E-08	7.2E-13	1.5E-08	1.3E-12	1.1E-10	2.6E-10	1.4E-11	1.4E-11	1.1E-13	2.1E-17	3.1E-08
Benzo(b)fluoranthene	5.2E-14	2.9E-09	4.2E-15	2.7E-09	7.6E-15	1.2E-11	2.9E-11	1.5E-12	1.5E-12	2.0E-14	1.2E-19	5.6E-09
Benzo(e)pyrene												

Table H-757 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene	4.3E-17	2.2E-10	5.2E-16	2.0E-10	9.5E-16	1.1E-13	2.5E-13	1.4E-14	1.4E-14	1.5E-14	1.5E-19	4.2E-10
Biphenyl				2.3E-18	6.4E-18							8.7E-18
Chrysene	6.7E-16	1.7E-11	2.1E-15	1.6E-11	3.8E-15	4.8E-12	1.1E-11	6.0E-13	6.0E-13	1.1E-15	6.2E-19	5.0E-11
Dibenze(a,h)anthracene	9.7E-14	1.9E-13	2.6E-13	1.7E-13	4.8E-13	1.9E-11	4.4E-11	2.4E-12	2.4E-12	1.4E-18	8.5E-18	6.9E-11
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	2.4E-14	7.1E-10	7.3E-14	6.4E-10	1.3E-13	5.8E-12	1.3E-11	7.3E-13	7.3E-13	4.7E-15	2.1E-18	1.4E-09
Napthalene						4.3E-10	1.0E-09	5.4E-11	5.4E-11			1.5E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	3.6E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	1.6E-13	3.7E-13	2.0E-14	2.0E-14	7.8E-20	4.8E-19	5.7E-13
Heptachlorobiphenyl	3.9E-17	1.1E-17	1.6E-17	9.7E-18	2.7E-17	6.2E-14	1.4E-13	7.7E-15	7.7E-15	1.4E-19	8.6E-19	2.2E-13
Hexachlorobiphenyl	1.6E-16	5.2E-17	7.2E-17	4.4E-17	1.2E-16	2.6E-13	6.0E-13	3.3E-14	3.3E-14	6.3E-19	3.9E-18	9.3E-13
Monochlorobiphenyl	2.6E-16	2.4E-17	3.4E-17	2.0E-17	5.7E-17	1.1E-12	2.6E-12	1.4E-13	1.4E-13	5.4E-19	3.3E-18	4.0E-12
Nonachlorobiphenyl	4.9E-18	2.0E-18	2.8E-18	1.7E-18	4.8E-18	8.8E-15	2.0E-14	1.1E-15	1.1E-15	2.5E-20	1.5E-19	3.1E-14
Octachlorobiphenyl	1.2E-17	3.7E-18	5.2E-18	3.1E-18	8.8E-18	1.9E-14	4.4E-14	2.4E-15	2.4E-15	4.5E-20	2.8E-19	6.8E-14
Pentachlorobiphenyl	5.3E-16	1.9E-16	2.6E-16	1.6E-16	4.4E-16	8.9E-13	2.1E-12	1.1E-13	1.1E-13	2.3E-18	1.4E-17	3.2E-12
Tetrachlorobiphenyl	1.1E-17	1.3E-18	1.8E-18	1.1E-18	3.1E-18	5.2E-14	1.2E-13	6.5E-15	6.5E-15	3.0E-20	1.8E-19	1.8E-13
Trichlorobiphenyl	1.4E-17	1.6E-18	2.2E-18	1.3E-18	3.8E-18	6.5E-14	1.5E-13	8.2E-15	8.2E-15	3.6E-20	2.2E-19	2.3E-13
Pesticides												
Chlordecone (Kepone)		1.1E-06		1.3E-06						2.9E-11		2.4E-06
DDE				6.0E-09	2.3E-09					5.4E-11	3.3E-10	8.6E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene						5.6E-08						5.6E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	4.3E-20					1.4E-12	3.3E-12	1.8E-13	1.8E-13			5.1E-12

Table H-757 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol												
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	5.9E-16	8.1E-15	1.1E-14	9.5E-15	2.7E-14	3.9E-11	9.0E-11	4.9E-12	4.9E-12	8.0E-20	4.9E-19	1.4E-10
Butyl benzyl phthalate	2.9E-17	5.3E-19	7.4E-19	6.3E-19	1.8E-18							3.2E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	4.5E-17					8.4E-11	1.9E-10	1.0E-11	1.0E-11			3.0E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	6.0E-21					8.6E-14	2.0E-13	1.1E-14	1.1E-14			3.0E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	2.8E-18											2.8E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	6.4E-20					3.6E-12	8.2E-12	4.4E-13	4.4E-13			1.3E-11
1,2-Dichloroethane	9.1E-20					6.2E-12	1.4E-11	2.2E-09	2.2E-09			4.5E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												

Table H-757 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone												
Benzene	9.3E-18					5.6E-08	1.3E-09	6.5E-09	6.5E-09			7.1E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	1.7E-21					3.0E-13	7.0E-13	3.8E-14	3.8E-14			1.1E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	8.1E-22					7.6E-08	2.6E-13	7.9E-09	7.9E-09			9.2E-08
Chlorobenzene												
Chlorodibromomethane	1.3E-19											1.3E-19
Chloroethane												
Chloroform	7.5E-21					4.3E-08	8.9E-12	4.7E-09	4.7E-09			5.2E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	1.4E-18					5.9E-09	9.7E-11	5.2E-12	5.2E-12			6.0E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	4.4E-21					1.5E-14	3.6E-14	1.9E-15	1.9E-15			5.5E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	1.2E-22					2.7E-15	6.2E-15	3.4E-16	3.4E-16			9.6E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	2.7E-23					2.6E-15	5.9E-15	3.2E-16	3.2E-16			9.1E-15

Table H-757 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane												
Vinyl chloride	3.0E-20					1.9E-12	4.3E-12	2.3E-13	2.3E-13			6.6E-12
Grand Total	2.7E-12	1.2E-06	5.9E-08	1.4E-06	2.8E-07	3.8E-06	4.4E-05	2.3E-08	2.3E-08	1.7E-09	5.5E-09	5.1E-05

Table H-758 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					3.3E-01	4.0E+00	7.9E-06	7.9E-06			4.4E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.0E-02	2.4E-02					1.0E-04	5.1E-04	3.5E-02
Antimony	3.9E-14			9.4E-04	1.2E-03							2.1E-03

Table H-758 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	1.2E-03	1.5E-03	2.8E-03	7.2E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	4.6E-06	2.6E-05	1.3E-02
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				8.8E-02	1.2E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.2E-04	6.7E-04	2.2E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				3.2E-02	5.7E-02							8.9E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.1E-02	6.8E-02	7.9E-02
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.8E-02	4.0E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.0E-04	9.5E-04	6.9E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Thallium (Soluble Salts)					1.4E-02							1.4E-02
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												

Table H-758 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
Chlordecone (Kepone)		4.2E-03		5.0E-03								9.2E-03
DDE												
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.1E-02						1.1E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09

Table H-758 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2,4-Dimethylphenol	1.3E-13											1.3E-13
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.7E-03						1.7E-03
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	9.1E-07	1.4E-04	1.4E-04			2.9E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												

Table H-758 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07
Benzene	4.9E-13					2.8E-03	6.7E-05	3.2E-04	3.2E-04			3.5E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.5E-03	5.0E-09	1.5E-04	1.5E-04			1.8E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					2.2E-04	4.6E-08	2.4E-05	2.4E-05			2.7E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					2.7E-05	4.5E-07	2.4E-08	2.4E-08			2.8E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					3.6E-09	8.4E-09	4.5E-10	4.5E-10			1.3E-08

Table H-758 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Trichlorofluoromethane	3.5E-20											3.5E-20
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	5.0E-09	5.4E-03	1.5E-03	1.7E-01	2.7E-01	3.5E-01	4.0E+00	1.0E-03	1.0E-03	1.2E-02	7.0E-02	4.9E+00

Table H-759 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						2.7E-10	6.3E-10	3.4E-11	3.4E-11			9.7E-10
Formaldehyde						3.6E-06	3.0E-05	8.6E-11	8.6E-11			3.4E-05
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.4E-16	1.4E-13	1.9E-13	5.5E-13	1.5E-12	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.8E-18	4.8E-17	1.0E-10
1,2,3,4,6,7,8-HpCDF	1.3E-16	1.4E-13	2.0E-13	5.5E-13	1.5E-12	2.8E-11	6.4E-11	3.5E-12	3.5E-12	7.9E-18	4.9E-17	1.0E-10
1,2,3,4,7,8,9-HpCDF	2.0E-17	1.6E-14	2.2E-14	6.3E-14	1.8E-13	3.5E-12	8.2E-12	4.4E-13	4.4E-13	9.1E-19	5.6E-18	1.3E-11
1,2,3,4,7,8-HxCDD	1.6E-15	1.6E-13	2.2E-13	6.2E-13	1.7E-12	3.3E-11	7.6E-11	4.1E-12	4.1E-12	8.9E-18	5.5E-17	1.2E-10
1,2,3,4,7,8-HxCDF	1.1E-14	1.2E-12	1.7E-12	4.9E-12	1.4E-11	2.7E-10	6.2E-10	3.4E-11	3.4E-11	7.0E-17	4.3E-16	9.8E-10
1,2,3,6,7,8-HxCDD	3.0E-15	3.2E-13	4.5E-13	1.3E-12	3.5E-12	7.0E-11	1.6E-10	8.7E-12	8.7E-12	1.8E-17	1.1E-16	2.5E-10
1,2,3,6,7,8-HxCDF	3.9E-15	4.1E-13	5.7E-13	1.6E-12	4.5E-12	8.7E-11	2.0E-10	1.1E-11	1.1E-11	2.3E-17	1.4E-16	3.2E-10
1,2,3,7,8,9-HxCDD	4.3E-15	5.1E-13	7.1E-13	2.0E-12	5.6E-12	1.1E-10	2.4E-10	1.3E-11	1.3E-11	2.9E-17	1.8E-16	3.9E-10
1,2,3,7,8,9-HxCDF	3.2E-16	2.9E-14	4.1E-14	1.2E-13	3.2E-13	6.7E-12	1.5E-11	8.4E-13	8.4E-13	1.6E-18	1.0E-17	2.4E-11
1,2,3,7,8-PeCDD	8.2E-14	1.8E-12	2.5E-12	7.0E-12	2.0E-11	4.2E-10	9.7E-10	5.3E-11	5.3E-11	1.0E-16	6.2E-16	1.5E-09
1,2,3,7,8-PeCDF	5.7E-15	1.0E-13	1.5E-13	4.1E-13	1.2E-12	3.0E-11	6.9E-11	3.7E-12	3.7E-12	5.9E-18	3.6E-17	1.1E-10
2,3,4,6,7,8-HxCDF	5.7E-15	6.4E-13	8.9E-13	2.5E-12	7.0E-12	1.4E-10	3.1E-10	1.7E-11	1.7E-11	3.6E-17	2.2E-16	4.9E-10
2,3,4,7,8-PeCDF	9.1E-14	2.5E-12	3.5E-12	9.8E-12	2.8E-11	6.7E-10	1.6E-09	8.4E-11	8.4E-11	1.4E-16	8.7E-16	2.4E-09
2,3,7,8-TCDD	2.8E-14	3.6E-13	5.0E-13	1.4E-12	4.0E-12	1.7E-10	3.9E-10	2.1E-11	2.1E-11	1.4E-14	8.7E-14	6.1E-10
2,3,7,8-TCDF	8.9E-15	6.6E-14	9.2E-14	2.6E-13	7.3E-13	6.2E-11	1.4E-10	7.8E-12	7.8E-12	3.7E-18	2.3E-17	2.2E-10
OCDD	1.8E-20	9.4E-16	1.3E-15	3.7E-15	1.0E-14	1.8E-13	4.2E-13	2.3E-14	2.3E-14	5.3E-20	3.3E-19	6.7E-13
OCDF	6.9E-21	3.6E-16	5.1E-16	1.4E-15	4.0E-15	6.9E-14	1.6E-13	8.6E-15	8.6E-15	2.0E-20	1.3E-19	2.5E-13
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-759 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.0E-16	4.6E-08	2.3E-08	1.1E-07	1.1E-07	2.2E-10	5.1E-10	2.7E-11	2.7E-11	2.6E-11	5.7E-11	2.9E-07
Barium												
Beryllium						8.8E-12	2.0E-11	1.1E-12	1.1E-12	1.1E-20	6.5E-20	3.1E-11
Cadmium						1.2E-10	2.7E-10	1.5E-11	1.5E-11	6.2E-21	3.8E-20	4.2E-10
Chromium												
Cobalt						7.6E-09	1.8E-08	9.5E-10	9.5E-10	1.0E-09	5.3E-09	3.3E-08
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						7.7E-11	1.8E-10	9.7E-12	9.7E-12	6.1E-10	3.2E-09	4.1E-09
Phosphorus												
Selenium												
Silver												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		5.9E-19	8.3E-19	5.4E-19	1.5E-18							3.5E-18
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	3.9E-13	1.4E-09	1.6E-13	1.3E-09	2.9E-13	2.8E-11	6.5E-11	3.5E-12	3.5E-12	2.9E-12	1.8E-11	2.8E-09
Benzo(a)pyrene	1.9E-12	1.6E-08	8.2E-08	1.5E-08	1.5E-07	1.1E-10	2.6E-10	1.4E-11	1.4E-11	1.1E-13	2.4E-12	2.6E-07
Benzo(b)fluoranthene	5.2E-14	2.9E-09	7.4E-09	2.7E-09	1.4E-08	1.2E-11	2.9E-11	1.5E-12	1.5E-12	2.0E-14	2.2E-13	2.7E-08
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-759 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene	4.3E-17	2.2E-10	5.2E-16	2.0E-10	9.5E-16	1.1E-13	2.5E-13	1.4E-14	1.4E-14	1.5E-14	1.5E-19	4.2E-10
Biphenyl				2.3E-18	6.4E-18							8.7E-18
Chrysene	6.7E-16	1.7E-11	2.1E-15	1.6E-11	3.8E-15	4.8E-12	1.1E-11	6.0E-13	6.0E-13	1.1E-15	6.2E-19	5.0E-11
Dibenze(a,h)anthracene	9.7E-14	1.9E-13	2.6E-13	1.7E-13	4.8E-13	1.9E-11	4.4E-11	2.4E-12	2.4E-12	1.4E-18	8.5E-18	6.9E-11
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	2.4E-14	7.1E-10	7.3E-14	6.4E-10	1.3E-13	5.8E-12	1.3E-11	7.3E-13	7.3E-13	4.7E-15	2.1E-18	1.4E-09
Napthalene						4.3E-10	1.0E-09	5.4E-11	5.4E-11			1.5E-09
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	3.6E-17	3.5E-18	4.8E-18	2.9E-18	8.2E-18	1.6E-13	3.7E-13	2.0E-14	2.0E-14	7.8E-20	4.8E-19	5.7E-13
Heptachlorobiphenyl	3.9E-17	1.1E-17	1.6E-17	9.7E-18	2.7E-17	6.2E-14	1.4E-13	7.7E-15	7.7E-15	1.4E-19	8.6E-19	2.2E-13
Hexachlorobiphenyl	1.6E-16	5.2E-17	7.2E-17	4.4E-17	1.2E-16	2.6E-13	6.0E-13	3.3E-14	3.3E-14	6.3E-19	3.9E-18	9.3E-13
Monochlorobiphenyl	2.6E-16	2.4E-17	3.4E-17	2.0E-17	5.7E-17	1.1E-12	2.6E-12	1.4E-13	1.4E-13	5.4E-19	3.3E-18	4.0E-12
Nonachlorobiphenyl	4.9E-18	2.0E-18	2.8E-18	1.7E-18	4.8E-18	8.8E-15	2.0E-14	1.1E-15	1.1E-15	2.5E-20	1.5E-19	3.1E-14
Octachlorobiphenyl	1.2E-17	3.7E-18	5.2E-18	3.1E-18	8.8E-18	1.9E-14	4.4E-14	2.4E-15	2.4E-15	4.5E-20	2.8E-19	6.8E-14
Pentachlorobiphenyl	5.3E-16	1.9E-16	2.6E-16	1.6E-16	4.4E-16	8.9E-13	2.1E-12	1.1E-13	1.1E-13	2.3E-18	1.4E-17	3.2E-12
Tetrachlorobiphenyl	1.1E-17	1.3E-18	1.8E-18	1.1E-18	3.1E-18	5.2E-14	1.2E-13	6.5E-15	6.5E-15	3.0E-20	1.8E-19	1.8E-13
Trichlorobiphenyl	1.4E-17	1.6E-18	2.2E-18	1.3E-18	3.8E-18	6.5E-14	1.5E-13	8.2E-15	8.2E-15	3.6E-20	2.2E-19	2.3E-13
Pesticides												
Chlordecone (Kepone)		1.1E-06		1.3E-06						2.9E-11		2.4E-06
DDE				6.0E-09	8.0E-09					5.4E-11	3.3E-10	1.4E-08
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene						5.6E-08						5.6E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	4.3E-20					1.4E-12	3.3E-12	1.8E-13	1.8E-13			5.1E-12
2,4-Dimethylphenol												

Table H-759 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	5.9E-16	8.1E-15	1.1E-14	9.5E-15	2.7E-14	3.9E-11	9.0E-11	4.9E-12	4.9E-12	8.0E-20	4.9E-19	1.4E-10
Butyl benzyl phthalate	2.9E-17	5.3E-19	7.4E-19	6.3E-19	1.8E-18							3.2E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	4.5E-17					8.4E-11	1.9E-10	1.0E-11	1.0E-11			3.0E-10
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	6.0E-21					8.6E-14	2.0E-13	1.1E-14	1.1E-14			3.0E-13
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	2.8E-18											2.8E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	6.4E-20					3.6E-12	8.2E-12	4.4E-13	4.4E-13			1.3E-11
1,2-Dichloroethane	9.1E-20					6.2E-12	1.4E-11	2.2E-09	2.2E-09			4.5E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-759 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	9.3E-18					5.6E-08	1.3E-09	6.5E-09	6.5E-09			7.1E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	1.7E-21					3.0E-13	7.0E-13	3.8E-14	3.8E-14			1.1E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	8.1E-22					7.6E-08	2.6E-13	7.9E-09	7.9E-09			9.2E-08
Chlorobenzene												
Chlorodibromomethane	1.3E-19											1.3E-19
Chloroethane												
Chloroform	7.5E-21					4.3E-08	8.9E-12	4.7E-09	4.7E-09			5.2E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	1.4E-18					5.9E-09	9.7E-11	5.2E-12	5.2E-12			6.0E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	4.4E-21					1.5E-14	3.6E-14	1.9E-15	1.9E-15			5.5E-14
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	1.2E-22					2.7E-15	6.2E-15	3.4E-16	3.4E-16			9.6E-15
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	2.7E-23					2.6E-15	5.9E-15	3.2E-16	3.2E-16			9.1E-15
Trichlorofluoromethane												

Table H-759 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Vinyl chloride	3.0E-20					1.9E-12	4.3E-12	2.3E-13	2.3E-13			6.6E-12
Grand Total	2.7E-12	1.2E-06	1.1E-07	1.4E-06	2.8E-07	3.8E-06	3.0E-05	2.3E-08	2.3E-08	1.7E-09	8.9E-09	3.7E-05

Table H-760 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	9.7E-05	5.2E-06	5.2E-06			1.5E-04
Aldehydes												
Acetaldehyde						1.6E-04	3.7E-04	2.0E-05	2.0E-05			5.7E-04
Formaldehyde	2.3E-12					3.3E-01	2.7E+00	7.9E-06	7.9E-06			3.1E+00
Propionaldehyde						2.0E-05	4.6E-05	2.5E-06	2.5E-06	2.1E-12	1.3E-11	7.1E-05
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-07	3.1E-07	8.7E-07	1.3E-06	3.0E-06	1.6E-07	1.6E-07	1.8E-10	1.1E-09	6.0E-06
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	4.6E-04	2.5E-05	2.5E-05			7.1E-04
Metals												
Aluminum				1.0E-02	1.9E-02					1.0E-04	4.1E-04	3.0E-02
Antimony	3.9E-14			9.4E-04	4.2E-04							1.4E-03

Table H-760 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	1.2E-03	6.1E-04	2.8E-03	2.9E-03	4.0E-05	9.1E-05	4.9E-06	4.9E-06	4.6E-06	1.0E-05	7.7E-03
Barium	1.4E-11			2.2E-08	6.1E-08	2.5E-04	5.8E-04	3.1E-05	3.1E-05	4.3E-10	2.6E-09	9.0E-04
Beryllium	1.7E-14			5.2E-13	1.5E-12	2.1E-06	5.0E-06	2.7E-07	2.7E-07	2.6E-15	1.6E-14	7.6E-06
Cadmium	8.3E-12			8.2E-13	2.3E-12	7.6E-05	1.7E-04	9.5E-06	9.5E-06	4.0E-15	2.5E-14	2.7E-04
Chromium	1.9E-15			6.4E-11	1.8E-10							2.4E-10
Cobalt				8.8E-02	2.1E-01	1.6E-03	3.8E-03	2.0E-04	2.0E-04	2.2E-04	1.1E-03	3.1E-01
Copper				1.1E-08	3.2E-08							4.3E-08
Iron				3.2E-02	6.2E-02							9.4E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.0E-10	7.8E-08	1.8E-07	9.8E-09	9.8E-09	1.0E-14	6.5E-14	2.8E-07
Mercury, elemental						3.3E-10	7.6E-10	4.1E-11	4.1E-11	1.1E-02	6.8E-02	7.9E-02
Methyl Mercury	1.3E-10			3.8E-11	1.1E-10							2.7E-10
Nickel	1.7E-13			2.8E-02	6.6E-02	3.9E-05	8.9E-05	4.8E-06	4.8E-06	3.0E-04	1.6E-03	9.6E-02
Phosphorus				3.7E-10	1.0E-09							1.4E-09
Selenium	5.5E-14			8.1E-15	2.3E-14	8.7E-09	2.0E-08	1.1E-09	1.1E-09	9.9E-20	6.1E-19	3.1E-08
Silver	4.2E-14			1.7E-10	4.8E-10							6.5E-10
Titanium												
Zinc	1.4E-11			6.1E-13	1.7E-12							1.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	4.8E-15	3.1E-15	8.7E-15							2.0E-14
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	8.1E-14	5.2E-14	1.5E-13							3.4E-13
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-760 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	1.9E-14	2.8E-04	6.4E-04	3.5E-05	3.5E-05	4.9E-12	3.0E-11	9.9E-04
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	2.4E-12	1.5E-12	4.3E-12							1.7E-11
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12							5.0E-05	1.1E-04	6.2E-06	6.2E-06	1.8E-04
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.3E-11	8.5E-12	2.4E-11							6.1E-11
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.0E-11	1.2E-11	3.3E-11							1.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	8.1E-12	4.9E-12	1.4E-11	9.8E-10	2.3E-09	1.2E-10	1.2E-10	3.8E-15	2.4E-14	3.5E-09
Hexachlorobiphenyl	4.7E-11	2.6E-11	3.7E-11	2.2E-11	6.2E-11	4.1E-06	9.5E-06	5.1E-07	5.1E-07	1.7E-11	1.1E-10	1.5E-05
Monochlorobiphenyl	6.1E-10	9.8E-11	1.4E-10	8.3E-11	2.3E-10							1.2E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.4E-12	8.6E-13	2.4E-12							7.2E-12
Octachlorobiphenyl	3.4E-12	1.9E-12	2.6E-12	1.6E-12	4.4E-12							1.4E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.3E-10	8.0E-11	2.2E-10	4.6E-05	1.1E-04	5.7E-06	5.7E-06	2.0E-10	1.2E-09	1.6E-04
Tetrachlorobiphenyl	2.6E-11	5.4E-12	7.5E-12	4.5E-12	1.3E-11	2.3E-07	5.4E-07	2.9E-08	2.9E-08	2.3E-13	1.4E-12	8.2E-07
Trichlorobiphenyl	3.4E-11	6.5E-12	9.0E-12	5.5E-12	1.5E-11							7.0E-11
Pesticides												
Chlordecone (Kepone)		4.2E-03		5.0E-03								9.2E-03
DDE												
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	3.1E-07	1.7E-08	1.7E-08			4.8E-07
1,2-dichlorobenzene	3.1E-17					5.4E-10	1.3E-09	6.8E-11	6.8E-11			1.9E-09
1,3-Butadiene						1.1E-02						1.1E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	4.4E-09	2.4E-10	2.4E-10			6.8E-09
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-760 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	2.1E-07	1.2E-08	1.2E-08			3.3E-07
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	4.7E-10	4.0E-10	1.1E-09							2.3E-09
Butyl benzyl phthalate	8.8E-13	1.6E-14	2.3E-14	1.9E-14	5.4E-14							9.9E-13
Carbazole												
Dibenzofuran		1.4E-13	2.0E-13	5.7E-13	1.6E-12							2.5E-12
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	4.6E-14	3.9E-14	1.1E-13							1.7E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	1.3E-12	1.1E-12	3.1E-12							6.5E-12
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.7E-03						1.7E-03
Phenol	4.9E-13					1.5E-06	3.5E-06	1.9E-07	1.9E-07			5.4E-06
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	6.1E-11	3.3E-12	3.3E-12			9.4E-11
1,1-Dichloroethene	1.2E-19					1.3E-10	3.0E-10	1.6E-11	1.6E-11			4.6E-10
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	8.3E-07	4.5E-08	4.5E-08			1.3E-06
1,2,4-Trimethylbenzene						8.9E-07	2.1E-06	1.1E-07	1.1E-07			3.2E-06
1,2-Dibromoethane	4.1E-17					7.7E-09	1.8E-08	9.6E-10	9.6E-10			2.7E-08
1,2-Dichloroethane	1.9E-15					4.0E-07	9.1E-07	1.4E-04	1.4E-04			2.9E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	1.5E-08	8.3E-10	8.3E-10			2.4E-08
2-Chlorotoluene												
2-Hexanone						2.3E-07	5.2E-07	2.8E-08	2.8E-08			8.0E-07

Table H-760 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					2.8E-03	6.7E-05	3.2E-04	3.2E-04			3.5E-03
Bromobenzene						6.2E-07	1.4E-06	7.8E-08	7.8E-08			2.2E-06
Bromochloromethane						2.2E-09	5.1E-09	2.8E-10	2.8E-10			7.8E-09
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	1.8E-06	9.5E-08	9.5E-08			2.7E-06
Carbon disulfide	1.3E-17					4.8E-09	1.1E-08	6.0E-10	6.0E-10			1.7E-08
Carbon tetrachloride	3.4E-17					1.5E-03	5.0E-09	1.5E-04	1.5E-04			1.8E-03
Chlorobenzene	2.3E-15					9.6E-08	2.2E-07	1.2E-08	1.2E-08			3.4E-07
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	2.1E-09	1.1E-10	1.1E-10			3.3E-09
Chloroform	2.8E-16					2.2E-04	4.6E-08	2.4E-05	2.4E-05			2.7E-04
Chloromethane						3.4E-07	8.0E-07	4.3E-08	4.3E-08			1.2E-06
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	1.2E-07	6.4E-09	6.4E-09			1.8E-07
Dichlorodifluoromethane	2.4E-20					2.5E-09	5.7E-09	3.1E-10	3.1E-10			8.9E-09
Ethylbenzene	1.5E-14					2.7E-05	4.5E-07	2.4E-08	2.4E-08			2.8E-05
Isopropylbenzene	2.0E-17					3.9E-08	9.1E-08	4.9E-09	4.9E-09			1.4E-07
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.7E-10	1.5E-11	1.5E-11			4.2E-10
Methylene chloride	4.3E-15					3.0E-08	6.9E-08	3.8E-09	3.8E-09			1.1E-07
n-Butylbenzene												
n-Propylbenzene						9.4E-09	2.2E-08	1.2E-09	1.2E-09			3.3E-08
o-Xylene	1.4E-15					2.3E-07	5.3E-07	2.9E-08	2.9E-08			8.2E-07
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.2E-06	6.4E-08	6.4E-08			1.8E-06
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	7.0E-09	3.8E-10	3.8E-10			1.1E-08
Toluene	2.0E-14					6.3E-08	1.5E-07	7.9E-09	7.9E-09			2.2E-07
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					3.6E-09	8.4E-09	4.5E-10	4.5E-10			1.3E-08
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-760 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					5.0E-08	1.1E-07	6.2E-09	6.2E-09			1.8E-07
Grand Total	5.0E-09	5.4E-03	6.1E-04	1.7E-01	3.6E-01	3.5E-01	2.8E+00	1.0E-03	1.0E-03	1.2E-02	7.1E-02	3.7E+00

Table H-761 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride												
Aldehydes												
Acetaldehyde						2.7E-10	9.8E-09	3.4E-11	3.3E-09			1.3E-08
Formaldehyde						3.6E-06	2.3E-08	8.6E-11	7.5E-09			3.6E-06
Propionaldehyde												
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD	1.4E-16	1.4E-13	2.6E-12	5.5E-13	2.0E-11	2.8E-11	1.1E-09	3.5E-12	3.7E-10	7.8E-18	6.4E-16	1.5E-09
1,2,3,4,6,7,8-HpCDF	1.3E-16	1.4E-13	2.6E-12	5.5E-13	2.1E-11	2.8E-11	1.1E-09	3.5E-12	3.7E-10	7.9E-18	6.5E-16	1.5E-09
1,2,3,4,7,8,9-HpCDF	2.0E-17	1.6E-14	3.1E-13	6.3E-14	2.5E-12	3.5E-12	1.4E-10	4.4E-13	4.8E-11	9.1E-19	7.8E-17	2.0E-10
1,2,3,4,7,8-HxCDD	1.6E-15	1.6E-13	3.0E-12	6.2E-13	2.4E-11	3.3E-11	1.3E-09	4.1E-12	4.5E-10	8.9E-18	7.5E-16	1.9E-09
1,2,3,4,7,8-HxCDF	1.1E-14	1.2E-12	2.4E-11	4.9E-12	1.9E-10	2.7E-10	1.1E-08	3.4E-11	3.6E-09	7.0E-17	6.0E-15	1.5E-08
1,2,3,6,7,8-HxCDD	3.0E-15	3.2E-13	6.2E-12	1.3E-12	4.9E-11	7.0E-11	2.8E-09	8.7E-12	9.4E-10	1.8E-17	1.5E-15	3.9E-09
1,2,3,6,7,8-HxCDF	3.9E-15	4.1E-13	7.9E-12	1.6E-12	6.3E-11	8.7E-11	3.6E-09	1.1E-11	1.2E-09	2.3E-17	2.0E-15	4.9E-09
1,2,3,7,8,9-HxCDD	4.3E-15	5.1E-13	9.7E-12	2.0E-12	7.7E-11	1.1E-10	4.3E-09	1.3E-11	1.4E-09	2.9E-17	2.4E-15	5.9E-09
1,2,3,7,8,9-HxCDF	3.2E-16	2.9E-14	5.7E-13	1.2E-13	4.5E-12	6.7E-12	2.7E-10	8.4E-13	9.1E-11	1.6E-18	1.4E-16	3.8E-10
1,2,3,7,8-PeCDD	8.2E-14	1.8E-12	3.5E-11	7.0E-12	2.7E-10	4.2E-10	1.7E-08	5.3E-11	5.7E-09	1.0E-16	8.6E-15	2.4E-08
1,2,3,7,8-PeCDF	5.7E-15	1.0E-13	2.1E-12	4.1E-13	1.6E-11	3.0E-11	1.2E-09	3.7E-12	4.1E-10	5.9E-18	5.1E-16	1.7E-09
2,3,4,6,7,8-HxCDF	5.7E-15	6.4E-13	1.2E-11	2.5E-12	9.5E-11	1.4E-10	5.4E-09	1.7E-11	1.8E-09	3.6E-17	3.0E-15	7.5E-09
2,3,4,7,8-PeCDF	9.1E-14	2.5E-12	4.9E-11	9.8E-12	3.9E-10	6.7E-10	2.7E-08	8.4E-11	9.1E-09	1.4E-16	1.2E-14	3.8E-08
2,3,7,8-TCDD	2.8E-14	3.6E-13	5.2E-12	1.4E-12	4.1E-11	1.7E-10	5.7E-09	2.1E-11	1.9E-09	1.4E-14	9.0E-13	7.8E-09
2,3,7,8-TCDF	8.9E-15	6.6E-14	1.3E-12	2.6E-13	1.0E-11	6.2E-11	2.6E-09	7.8E-12	8.5E-10	3.7E-18	3.3E-16	3.5E-09
OCDD	1.8E-20	9.4E-16	1.7E-14	3.7E-15	1.4E-13	1.8E-13	7.2E-12	2.3E-14	2.4E-12	5.3E-20	4.3E-18	1.0E-11
OCDF	6.9E-21	3.6E-16	6.5E-15	1.4E-15	5.1E-14	6.9E-14	2.7E-12	8.6E-15	8.9E-13	2.0E-20	1.6E-18	3.7E-12
HCN												
Hydrogen cyanide												
Metals												
Aluminum												
Antimony												

Table H-761 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	1.0E-16	4.6E-08	6.2E-18	1.1E-07	2.9E-17	2.2E-10	7.7E-09	2.7E-11	2.6E-09	2.6E-11	1.5E-20	1.7E-07
Barium												
Beryllium						8.8E-12	3.0E-10	1.1E-12	1.0E-10	1.1E-20	8.7E-19	4.1E-10
Cadmium						1.2E-10	4.1E-09	1.5E-11	1.4E-09	6.2E-21	5.2E-19	5.6E-09
Chromium												
Cobalt						7.6E-09	1.4E-07	9.5E-10	4.6E-08	1.0E-09	7.3E-13	1.9E-07
Copper												
Iron												
Lead												
Manganese												
Mercury (+2)												
Mercury, elemental												
Methyl Mercury												
Nickel						7.7E-11	2.7E-09	9.7E-12	8.9E-10	6.1E-10	3.7E-19	4.2E-09
Phosphorus												
Selenium												
Silver												
Titanium												
Zinc												
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		5.9E-19	1.2E-17	5.4E-19	2.2E-17							3.5E-17
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene												
Acenaphthylene												
Acenaphthene												
Anthracene												
Benzo(a)anthracene	3.9E-13	1.4E-09	2.5E-12	1.3E-09	4.6E-12	2.8E-11	1.2E-09	3.5E-12	4.1E-10	2.9E-12	2.3E-14	4.3E-09
Benzo(a)pyrene	1.9E-12	1.6E-08	1.1E-11	1.5E-08	1.9E-11	1.1E-10	4.6E-09	1.4E-11	1.5E-09	1.1E-13	3.1E-16	3.7E-08
Benzo(b)fluoranthene	5.2E-14	2.9E-09	5.8E-14	2.7E-09	1.0E-13	1.2E-11	5.0E-10	1.5E-12	1.7E-10	2.0E-14	1.7E-18	6.2E-09
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-761 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene	4.3E-17	2.2E-10	3.4E-15	2.0E-10	6.3E-15	1.1E-13	2.0E-12	1.4E-14	6.5E-13	1.5E-14	1.0E-18	4.2E-10
Biphenyl				2.3E-18	9.6E-17							9.8E-17
Chrysene	6.7E-16	1.7E-11	3.0E-14	1.6E-11	5.5E-14	4.8E-12	2.0E-10	6.0E-13	6.6E-11	1.1E-15	8.9E-18	3.0E-10
Dibenze(a,h)anthracene	9.7E-14	1.9E-13	3.7E-12	1.7E-13	6.8E-12	1.9E-11	7.9E-10	2.4E-12	2.6E-10	1.4E-18	1.2E-16	1.1E-09
Fluoranthene												
Fluorene												
Indeno(1,2,3-cd)pyrene	2.4E-14	7.1E-10	1.0E-12	6.4E-10	1.9E-12	5.8E-12	2.4E-10	7.3E-13	8.0E-11	4.7E-15	3.1E-17	1.7E-09
Napthalene						4.3E-10	1.8E-08	5.4E-11	6.0E-09			2.5E-08
Perylene												
Phenanthrene												
Pyrene												
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	3.6E-17	3.5E-18	6.9E-17	2.9E-18	1.2E-16	1.6E-13	6.5E-12	2.0E-14	2.2E-12	7.8E-20	6.8E-18	8.9E-12
Heptachlorobiphenyl	3.9E-17	1.1E-17	2.2E-16	9.7E-18	3.7E-16	6.2E-14	2.5E-12	7.7E-15	8.4E-13	1.4E-19	1.2E-17	3.4E-12
Hexachlorobiphenyl	1.6E-16	5.2E-17	9.3E-16	4.4E-17	1.6E-15	2.6E-13	1.0E-11	3.3E-14	3.4E-12	6.3E-19	5.0E-17	1.4E-11
Monochlorobiphenyl	2.6E-16	2.4E-17	4.8E-16	2.0E-17	8.1E-16	1.1E-12	4.6E-11	1.4E-13	1.5E-11	5.4E-19	4.8E-17	6.2E-11
Nonachlorobiphenyl	4.9E-18	2.0E-18	3.1E-17	1.7E-18	5.3E-17	8.8E-15	3.1E-13	1.1E-15	1.0E-13	2.5E-20	1.7E-18	4.2E-13
Octachlorobiphenyl	1.2E-17	3.7E-18	6.8E-17	3.1E-18	1.1E-16	1.9E-14	7.4E-13	2.4E-15	2.5E-13	4.5E-20	3.7E-18	1.0E-12
Pentachlorobiphenyl	5.3E-16	1.9E-16	3.2E-15	1.6E-16	5.4E-15	8.9E-13	3.4E-11	1.1E-13	1.1E-11	2.3E-18	1.7E-16	4.6E-11
Tetrachlorobiphenyl	1.1E-17	1.3E-18	2.2E-17	1.1E-18	3.8E-17	5.2E-14	1.9E-12	6.5E-15	6.5E-13	3.0E-20	2.2E-18	2.6E-12
Trichlorobiphenyl	1.4E-17	1.6E-18	2.8E-17	1.3E-18	4.8E-17	6.5E-14	2.5E-12	8.2E-15	8.5E-13	3.6E-20	2.8E-18	3.5E-12
Pesticides												
Chlordecone (Kepone)		1.1E-06		1.3E-06						2.9E-11		2.4E-06
DDE				6.0E-09						5.4E-11		6.0E-09
SVOCs												
1,2,4-trichlorobenzene												
1,2-dichlorobenzene												
1,3-Butadiene						5.6E-08						5.6E-08
1,3-dichlorobenzene												
1,4-dichlorobenzene	4.3E-20					1.4E-12	6.4E-11	1.8E-13	2.1E-11			8.7E-11
2,4-Dimethylphenol												

Table H-761 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol												
2-Methylphenol												
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone												
Benzoic acid												
Benzyl alcohol												
bis(2-Ethylhexyl) phthalate	5.9E-16	8.1E-15	1.4E-13	9.5E-15	3.4E-13	3.9E-11	1.5E-09	4.9E-12	5.1E-10	8.0E-20	6.3E-18	2.1E-09
Butyl benzyl phthalate	2.9E-17	5.3E-19	1.1E-17	6.3E-19	2.6E-17							6.6E-17
Carbazole												
Dibenzofuran												
Dimethyl phthalate												
Di-n-butyl phthalate												
Di-n-octyl phthalate												
Hexachlorobutadiene	4.5E-17					8.4E-11	1.5E-09	1.0E-11	5.0E-10			2.1E-09
Isopropanol												
Phenol												
Pyridine												
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	6.0E-21					8.6E-14	2.9E-12	1.1E-14	9.7E-13			4.0E-12
1,1,1-Trichloroethane												
1,1-Dichloroethene												
1,2,3-Trichlorobenzene												
1,2,3-Trichloropropane	2.8E-18											2.8E-18
1,2,4-Trimethylbenzene												
1,2-Dibromoethane	6.4E-20					3.6E-12	6.3E-11	4.4E-13	2.1E-11			8.9E-11
1,2-Dichloroethane	9.1E-20					6.2E-12	2.3E-10	2.2E-09	7.8E-11			2.5E-09
1,3,5-Trimethylbenzene												
1,3-Dichloropropane												
2-Butanone												
2-Chlorotoluene												
2-Hexanone												

Table H-761 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Benzene	9.3E-18					5.6E-08	2.3E-08	6.5E-09	7.6E-09			9.3E-08
Bromobenzene												
Bromochloromethane												
Bromodichloromethane	1.7E-21					3.0E-13	5.4E-12	3.8E-14	1.8E-12			7.5E-12
Bromomethane												
Carbon disulfide												
Carbon tetrachloride	8.1E-22					7.6E-08	2.0E-12	7.9E-09	6.7E-13			8.4E-08
Chlorobenzene												
Chlorodibromomethane	1.3E-19											1.3E-19
Chloroethane												
Chloroform	7.5E-21					4.3E-08	7.5E-11	4.7E-09	2.5E-11			4.8E-08
Chloromethane												
cis-1,2-Dichloroethene												
cis-1,3-Dichloropropene												
Dibromomethane												
Dichlorodifluoromethane												
Ethylbenzene	1.4E-18					5.9E-09	1.6E-09	5.2E-12	5.3E-10			8.0E-09
Isopropylbenzene												
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2												
Methylene chloride	4.4E-21					1.5E-14	5.7E-13	1.9E-15	1.9E-13			7.8E-13
n-Butylbenzene												
n-Propylbenzene												
o-Xylene												
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene												
tert-Butylbenzene												
Tetrachloroethene	1.2E-22					2.7E-15	9.4E-14	3.4E-16	3.1E-14			1.3E-13
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethene	2.7E-23					2.6E-15	4.6E-14	3.2E-16	1.5E-14			6.4E-14
Trichlorofluoromethane												

Table H-761 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	3.0E-20					1.9E-12	4.5E-11	2.3E-13	1.5E-11			6.3E-11
Grand Total	2.7E-12	1.2E-06	1.8E-10	1.4E-06	1.3E-09	3.8E-06	3.2E-07	2.3E-08	1.1E-07	1.7E-09	1.7E-12	6.8E-06

Table H-762 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Acid Gas												
Hydrogen Chloride						4.2E-05	1.5E-03	5.2E-06	5.0E-04			2.0E-03
Aldehydes												
Acetaldehyde						1.6E-04	5.8E-03	2.0E-05	1.9E-03			7.9E-03
Formaldehyde	2.3E-12					3.3E-01	2.1E-03	7.9E-06	6.9E-04			3.3E-01
Propionaldehyde						2.0E-05	7.2E-04	2.5E-06	2.4E-04	2.1E-12	1.5E-10	9.8E-04
CO												
Carbon monoxide												
CO2												
Carbon dioxide												
Criteria												
Sulfur Dioxide												
DIOXINS												
1,2,3,4,6,7,8-HpCDD												
1,2,3,4,6,7,8-HpCDF												
1,2,3,4,7,8,9-HpCDF												
1,2,3,4,7,8-HxCDD												
1,2,3,4,7,8-HxCDF												
1,2,3,6,7,8-HxCDD												
1,2,3,6,7,8-HxCDF												
1,2,3,7,8,9-HxCDD												
1,2,3,7,8,9-HxCDF												
1,2,3,7,8-PeCDD												
1,2,3,7,8-PeCDF												
2,3,4,6,7,8-HxCDF												
2,3,4,7,8-PeCDF												
2,3,7,8-TCDD	3.8E-09	7.9E-08	1.1E-06	3.1E-07	9.0E-06	1.3E-06	4.3E-05	1.6E-07	1.4E-05	1.8E-10	1.2E-08	7.0E-05
2,3,7,8-TCDF												
OCDD												
OCDF												
HCN												
Hydrogen cyanide						2.0E-04	7.7E-03	2.5E-05	2.6E-03			1.1E-02
Metals												
Aluminum				1.0E-02						1.0E-04		1.0E-02
Antimony	3.9E-14			9.4E-04								9.4E-04

Table H-762 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
Arsenic	2.7E-12	1.2E-03	1.6E-13	2.8E-03	7.6E-13	4.0E-05	1.4E-03	4.9E-06	4.7E-04	4.6E-06	2.7E-15	5.9E-03
Barium	1.4E-11			2.2E-08	7.5E-07	2.5E-04	6.8E-03	3.1E-05	2.3E-03	4.3E-10	3.2E-08	9.3E-03
Beryllium	1.7E-14			5.2E-13	2.0E-11	2.1E-06	7.3E-05	2.7E-07	2.4E-05	2.6E-15	2.1E-13	9.9E-05
Cadmium	8.3E-12			8.2E-13	3.1E-11	7.6E-05	2.6E-03	9.5E-06	8.8E-04	4.0E-15	3.4E-13	3.6E-03
Chromium	1.9E-15			6.4E-11	2.5E-09							2.6E-09
Cobalt				8.8E-02	4.7E-05	1.6E-03	3.0E-02	2.0E-04	9.9E-03	2.2E-04	2.6E-07	1.3E-01
Copper				1.1E-08	4.3E-07							4.4E-07
Iron				3.2E-02								3.2E-02
Lead												
Manganese												
Mercury (+2)				2.1E-10	6.6E-09	7.8E-08	2.8E-06	9.8E-09	9.2E-07	1.0E-14	7.1E-13	3.8E-06
Mercury, elemental						3.3E-10	1.2E-08	4.1E-11	3.8E-09	1.1E-02		1.1E-02
Methyl Mercury	1.3E-10			3.8E-11	1.5E-09							1.6E-09
Nickel	1.7E-13			2.8E-02	7.8E-12	3.9E-05	1.3E-03	4.8E-06	4.4E-04	3.0E-04	1.9E-13	3.0E-02
Phosphorus				3.7E-10	1.4E-08							1.4E-08
Selenium	5.5E-14			8.1E-15	3.1E-13	8.7E-09	3.0E-07	1.1E-09	1.0E-07	9.9E-20	8.4E-18	4.2E-07
Silver	4.2E-14			1.7E-10	6.3E-09							6.5E-09
Titanium												
Zinc	1.4E-11			6.1E-13	2.2E-11							3.6E-11
NOx												
NOx (Oxides of Nitrogen)												
PAHs												
1-Methylnaphthalene		3.4E-15	6.9E-14	3.1E-15	1.3E-13							2.0E-13
1-Methylphenanthrene												
2,3,5-Trimethylnaphthalene												
2,6-Dimethylnaphthalene												
2-Methylnaphthalene		5.8E-14	1.2E-12	5.2E-14	2.1E-12							3.4E-12
Acenaphthylene												
Acenaphthene	5.6E-14											5.6E-14
Anthracene	1.4E-13											1.4E-13
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(e)pyrene												
Benzo(g,h,i)perylene												

Table H-762 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzo(k)fluoranthene												
Biphenyl				6.7E-15	2.8E-13	2.8E-04	1.2E-02	3.5E-05	3.9E-03	4.9E-12	4.5E-10	1.6E-02
Chrysene												
Dibenze(a,h)anthracene												
Fluoranthene	7.0E-12	1.7E-12	3.4E-11	1.5E-12	6.3E-11							1.1E-10
Fluorene	1.5E-12											1.5E-12
Indeno(1,2,3-cd)pyrene												
Napthalene	1.4E-12					5.0E-05	2.1E-03	6.2E-06	6.9E-04			2.8E-03
Perylene												
Phenanthrene												
Pyrene	6.7E-12	9.3E-12	1.9E-10	8.5E-12	3.5E-10							5.6E-10
Particulate												
Particulate Total Suspended Particulate												
PM<10												
PM<2.5												
PCBs												
Dichlorobiphenyl	8.7E-11	1.4E-11	2.8E-10	1.2E-11	4.7E-10							8.7E-10
Heptachlorobiphenyl	1.2E-11	5.8E-12	1.1E-10	4.9E-12	1.9E-10	9.8E-10	3.9E-08	1.2E-10	1.3E-08	3.8E-15	3.3E-13	5.4E-08
Hexachlorobiphenyl	4.7E-11	2.6E-11	4.7E-10	2.2E-11	8.0E-10	4.1E-06	1.6E-04	5.1E-07	5.3E-05	1.7E-11	1.4E-09	2.2E-04
Monochlorobiphenyl	6.1E-10	9.8E-11	2.0E-09	8.3E-11	3.3E-09							6.0E-09
Nonachlorobiphenyl	1.4E-12	1.0E-12	1.6E-11	8.6E-13	2.7E-11							4.6E-11
Octachlorobiphenyl	3.4E-12	1.9E-12	3.4E-11	1.6E-12	5.8E-11							9.9E-11
Pentachlorobiphenyl	1.6E-10	9.4E-11	1.6E-09	8.0E-11	2.7E-09	4.6E-05	1.7E-03	5.7E-06	5.7E-04	2.0E-10	1.5E-08	2.3E-03
Tetrachlorobiphenyl	2.6E-11	5.4E-12	9.1E-11	4.5E-12	1.5E-10	2.3E-07	8.7E-06	2.9E-08	2.9E-06	2.3E-13	1.7E-11	1.2E-05
Trichlorobiphenyl	3.4E-11	6.5E-12	1.2E-10	5.5E-12	2.0E-10							3.6E-10
Pesticides												
Chlordecone (Kepone)		4.2E-03		5.0E-03								9.2E-03
DDE												
SVOCs												
1,2,4-trichlorobenzene						1.3E-07	4.3E-06	1.7E-08	1.4E-06			5.9E-06
1,2-dichlorobenzene	3.1E-17					5.4E-10	9.7E-09	6.8E-11	3.2E-09			1.4E-08
1,3-Butadiene						1.1E-02						1.1E-02
1,3-dichlorobenzene												
1,4-dichlorobenzene	1.3E-15					1.9E-09	8.5E-08	2.4E-10	2.8E-08			1.2E-07
2,4-Dimethylphenol	1.3E-13											1.3E-13

Table H-762 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate/Vapors Outdoors at CJ	Inhalation of Particulate/Vapors Outdoors at Home	Grand Total
2-Chlorophenol	2.6E-14											2.6E-14
2-Methylphenol	1.1E-12					9.3E-08	3.9E-06	1.2E-08	1.3E-06			5.3E-06
2-Nitrophenol												
3-Methylphenol & 4-Methylphenol												
4-Nitrophenol												
Acetophenone	3.9E-14											3.9E-14
Benzoic acid	4.0E-15											4.0E-15
Benzyl alcohol	9.8E-17											9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	3.4E-10	6.0E-09	4.0E-10	1.4E-08							2.1E-08
Butyl benzyl phthalate	8.8E-13	1.6E-14	3.3E-13	1.9E-14	7.9E-13							2.0E-12
Carbazole												
Dibenzofuran		1.4E-13	2.9E-12	5.7E-13	2.3E-11							2.6E-11
Dimethyl phthalate												
Di-n-butyl phthalate	1.7E-11	3.3E-14	6.7E-13	3.9E-14	1.6E-12							1.9E-11
Di-n-octyl phthalate	1.3E-15	9.4E-13	8.7E-12	1.1E-12	2.1E-11							3.1E-11
Hexachlorobutadiene	6.7E-12											6.7E-12
Isopropanol						1.7E-03						1.7E-03
Phenol	4.9E-13					1.5E-06	6.2E-05	1.9E-07	2.1E-05			8.5E-05
Pyridine	7.7E-12											7.7E-12
TRS												
Total Reduced Sulfur												
VOCs												
1,1,1,2-Tetrachloroethane	9.0E-17											9.0E-17
1,1,1-Trichloroethane	8.8E-20					2.7E-11	1.0E-09	3.3E-12	3.3E-10			1.4E-09
1,1-Dichloroethene	1.2E-19					1.3E-10	2.3E-09	1.6E-11	7.7E-10			3.2E-09
1,2,3-Trichlorobenzene	2.3E-13											2.3E-13
1,2,3-Trichloropropane	2.7E-16					3.6E-07	6.4E-06	4.5E-08	2.1E-06			9.0E-06
1,2,4-Trimethylbenzene						8.9E-07	2.8E-05	1.1E-07	9.4E-06			3.9E-05
1,2-Dibromoethane	4.1E-17					7.7E-09	1.4E-07	9.6E-10	4.6E-08			1.9E-07
1,2-Dichloroethane	1.9E-15					4.0E-07	1.5E-05	1.4E-04	5.0E-06			1.6E-04
1,3,5-Trimethylbenzene	6.0E-15											6.0E-15
1,3-Dichloropropane												
2-Butanone	4.1E-15					6.6E-09	2.6E-07	8.3E-10	8.7E-08			3.6E-07
2-Chlorotoluene												
2-Hexanone						2.3E-07	8.2E-06	2.8E-08	2.7E-06			1.1E-05

Table H-762 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Benzene	4.9E-13					2.8E-03	1.1E-03	3.2E-04	3.8E-04			4.7E-03
Bromobenzene						6.2E-07	1.1E-05	7.8E-08	3.7E-06			1.5E-05
Bromochloromethane						2.2E-09	3.9E-08	2.8E-10	1.3E-08			5.5E-08
Bromodichloromethane	1.6E-17											1.6E-17
Bromomethane	9.6E-16					7.6E-07	2.3E-05	9.5E-08	7.6E-06			3.1E-05
Carbon disulfide	1.3E-17					4.8E-09	1.4E-07	6.0E-10	4.7E-08			1.9E-07
Carbon tetrachloride	3.4E-17					1.5E-03	3.9E-08	1.5E-04	1.3E-08			1.6E-03
Chlorobenzene	2.3E-15					9.6E-08	3.4E-06	1.2E-08	1.1E-06			4.7E-06
Chlorodibromomethane	9.1E-16											9.1E-16
Chloroethane						9.1E-10	3.2E-08	1.1E-10	1.1E-08			4.3E-08
Chloroform	2.8E-16					2.2E-04	3.9E-07	2.4E-05	1.3E-07			2.5E-04
Chloromethane						3.4E-07	1.0E-05	4.3E-08	3.5E-06			1.4E-05
cis-1,2-Dichloroethene	1.9E-15											1.9E-15
cis-1,3-Dichloropropene												
Dibromomethane						5.1E-08	9.1E-07	6.4E-09	3.0E-07			1.3E-06
Dichlorodifluoromethane	2.4E-20					2.5E-09	4.4E-08	3.1E-10	1.5E-08			6.2E-08
Ethylbenzene	1.5E-14					2.7E-05	7.4E-06	2.4E-08	2.5E-06			3.7E-05
Isopropylbenzene	2.0E-17					3.9E-08	1.3E-06	4.9E-09	4.5E-07			1.8E-06
m&p-Xylene												
Methyl Isobutyl Ketone (4-methyl-2						1.2E-10	2.1E-09	1.5E-11	7.1E-10			3.0E-09
Methylene chloride	4.3E-15					3.0E-08	1.1E-06	3.8E-09	3.7E-07			1.5E-06
n-Butylbenzene												
n-Propylbenzene						9.4E-09	3.1E-07	1.2E-09	1.0E-07			4.2E-07
o-Xylene	1.4E-15					2.3E-07	7.6E-06	2.9E-08	2.5E-06			1.0E-05
p-Chlorotoluene												
p-Isopropyltoluene												
sec-Butylbenzene												
Styrene	4.7E-14					5.1E-07	1.9E-05	6.4E-08	6.2E-06			2.5E-05
tert-Butylbenzene												
Tetrachloroethene	1.1E-16					3.0E-09	1.1E-07	3.8E-10	3.5E-08			1.4E-07
Toluene	2.0E-14					6.3E-08	2.5E-06	7.9E-09	8.3E-07			3.4E-06
trans-1,2-Dichloroethene	2.9E-15											2.9E-15
trans-1,3-Dichloropropene												
Trichloroethene	1.4E-17					3.6E-09	6.5E-08	4.5E-10	2.2E-08			9.0E-08
Trichlorofluoromethane	3.5E-20											3.5E-20

Table H-762 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil at CJ	Dermal Contact with Soil at Home	Ingestion of Soil at CJ	Ingestion of Soil at Home	Inhalation of Indoor Air at CJ	Inhalation of Indoor Air at Home	Inhalation of Outdoor Air at CJ	Inhalation of Outdoor Air at Home	Inhalation of Particulate /Vapors Outdoors at CJ	Inhalation of Particulate/ Vapors Outdoors at Home	Grand Total
Vinyl chloride	1.6E-16					5.0E-08	1.2E-06	6.2E-09	4.0E-07			1.7E-06
Grand Total	5.0E-09	5.4E-03	1.1E-06	1.7E-01	5.8E-05	3.5E-01	7.7E-02	1.0E-03	2.6E-02	1.2E-02	3.2E-07	6.3E-01

Table H-763 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal				Inhalation of		Grand Total
	Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Particulate/Vapors Outdoors		
Acid Gas							
Hydrogen Chloride							
Aldehydes							
Acetaldehyde			8.9E-09	1.1E-09			1.0E-08
Formaldehyde			2.0E-08	2.5E-09			2.2E-08
Propionaldehyde							
CO							
Carbon monoxide							
CO2							
Carbon dioxide							
Criteria							
Sulfur Dioxide							
DIOXINS							
1,2,3,4,6,7,8-HpCDD	4.1E-12	1.6E-11	1.1E-09	1.3E-10	2.3E-16		1.2E-09
1,2,3,4,6,7,8-HpCDF	4.1E-12	1.6E-11	1.1E-09	1.3E-10	2.3E-16		1.2E-09
1,2,3,4,7,8,9-HpCDF	5.0E-13	2.0E-12	1.4E-10	1.7E-11	2.8E-17		1.6E-10
1,2,3,4,7,8-HxCDD	4.9E-12	1.9E-11	1.3E-09	1.6E-10	2.7E-16		1.5E-09
1,2,3,4,7,8-HxCDF	3.8E-11	1.5E-10	1.0E-08	1.3E-09	2.2E-15		1.2E-08
1,2,3,6,7,8-HxCDD	1.0E-11	3.9E-11	2.7E-09	3.4E-10	5.6E-16		3.1E-09
1,2,3,6,7,8-HxCDF	1.3E-11	5.0E-11	3.4E-09	4.3E-10	7.2E-16		3.9E-09
1,2,3,7,8,9-HxCDD	1.6E-11	6.2E-11	4.1E-09	5.1E-10	8.8E-16		4.7E-09
1,2,3,7,8,9-HxCDF	9.2E-13	3.6E-12	2.6E-10	3.3E-11	5.2E-17		3.0E-10
1,2,3,7,8-PeCDD	5.6E-11	2.2E-10	1.7E-08	2.1E-09	3.2E-15		1.9E-08

Table H-763 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	3.3E-12	1.3E-11	1.2E-09	1.5E-10	1.9E-16	1.3E-09
2,3,4,6,7,8-HxCDF	1.9E-11	7.5E-11	5.2E-09	6.5E-10	1.1E-15	5.9E-09
2,3,4,7,8-PeCDF	7.9E-11	3.1E-10	2.6E-08	3.3E-09	4.5E-15	3.0E-08
2,3,7,8-TCDD	7.2E-12	2.8E-11	5.0E-09	6.3E-10	2.8E-13	5.7E-09
2,3,7,8-TCDF	2.1E-12	8.4E-12	2.5E-09	3.1E-10	1.2E-16	2.8E-09
OCDD	2.7E-14	1.1E-13	6.9E-12	8.6E-13	1.5E-18	7.9E-12
OCDF	1.0E-14	3.9E-14	2.5E-12	3.2E-13	5.7E-19	2.9E-12
HCN						
Hydrogen cyanide						
Metals						
Antimony						
Arsenic	7.6E-18	1.8E-17	7.0E-09	8.8E-10	4.2E-21	7.9E-09
Barium						
Beryllium			2.7E-10	3.3E-11	2.3E-19	3.0E-10
Cadmium			3.7E-09	4.6E-10	1.4E-19	4.2E-09
Chromium						
Cobalt			7.3E-08	9.1E-09	1.3E-13	8.2E-08
Copper						
Lead						
Manganese						
Mercury (+2)						
Mercury, elemental						
Methyl Mercury						

Table H-763 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Nickel			2.4E-09	3.0E-10	1.0E-19	2.7E-09
Phosphorus						
Selenium						
Silver						
Titanium						
Zinc						
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	2.0E-17	1.8E-17				3.8E-17
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene						
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene	4.2E-12	3.9E-12	1.2E-09	1.5E-10	8.8E-15	1.4E-09
Benzo(a)pyrene	1.7E-11	1.6E-11	4.5E-09	5.6E-10	1.2E-16	5.1E-09
Benzo(b)fluoranthene	9.2E-14	8.4E-14	4.8E-10	6.0E-11	6.2E-19	5.4E-10
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene	3.0E-15	2.7E-15	9.5E-13	1.2E-13	2.0E-19	1.1E-12

Table H-763 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Biphenyl		7.9E-17				7.9E-17
Chrysene	4.9E-14	4.5E-14	1.9E-10	2.4E-11	3.3E-18	2.2E-10
Dibenze(a,h)anthracene	6.1E-12	5.5E-12	7.6E-10	9.5E-11	4.4E-17	8.7E-10
Fluoranthene						
Fluorene						
Indeno(1,2,3-cd)pyrene	1.7E-12	1.5E-12	2.3E-10	2.9E-11	1.1E-17	2.6E-10
Napthalene			1.8E-08	2.2E-09		2.0E-08
Perylene						
Phenanthrene						
Pyrene						
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	1.1E-16	9.4E-17	6.3E-12	7.9E-13	2.5E-18	7.1E-12
Heptachlorobiphenyl	3.5E-16	3.0E-16	2.4E-12	3.0E-13	4.3E-18	2.7E-12
Hexachlorobiphenyl	1.4E-15	1.2E-15	9.6E-12	1.2E-12	1.8E-17	1.1E-11
Monochlorobiphenyl	7.8E-16	6.6E-16	4.4E-11	5.5E-12	1.8E-17	5.0E-11
Nonachlorobiphenyl	4.5E-17	3.8E-17	2.8E-13	3.5E-14	5.5E-19	3.2E-13
Octachlorobiphenyl	1.1E-16	8.9E-17	7.1E-13	8.8E-14	1.3E-18	8.0E-13
Pentachlorobiphenyl	4.8E-15	4.1E-15	3.2E-11	3.9E-12	5.9E-17	3.5E-11
Tetrachlorobiphenyl	3.4E-17	2.8E-17	1.8E-12	2.3E-13	7.6E-19	2.0E-12

Table H-763 (Cancer Risk)

ACI Lifetime (yrs)	30
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Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Trichlorobiphenyl	4.4E-17	3.7E-17	2.4E-12	3.0E-13	9.9E-19	2.7E-12
SVOCs						
1,2,4-trichlorobenzene						
1,2-dichlorobenzene						
1,3-dichlorobenzene						
1,4-dichlorobenzene			6.4E-11	8.0E-12		7.2E-11
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol						
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	2.2E-13	2.7E-13	1.4E-09	1.8E-10	2.2E-18	1.6E-09
Butyl benzyl phthalate	1.8E-17	2.1E-17				3.9E-17
Carbazole						
Dibenzofuran						
Dimethyl phthalate						
Di-n-butyl phthalate						
Di-n-octyl phthalate						
Hexachlorobutadiene			7.4E-10	9.3E-11		8.4E-10

Table H-763 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Phenol						
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane			2.6E-12	3.2E-13		2.9E-12
1,1,1-Trichloroethane						
1,1-Dichloroethene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trimethylbenzene						
1,2-Dibromoethane			3.2E-11	3.9E-12		3.6E-11
1,2-Dichloroethane			2.2E-10	2.7E-11		2.5E-10
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone						
2-Chlorotoluene						
2-Hexanone						
Benzene			2.2E-08	2.7E-09		2.4E-08
Bromobenzene						
Bromochloromethane						
Bromodichloromethane			2.7E-12	3.4E-13		3.0E-12
Bromomethane						

Table H-763 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Carbon disulfide						
Carbon tetrachloride			1.0E-12	1.2E-13		1.1E-12
Chlorobenzene						
Chlorodibromomethane						
Chloroethane						
Chloroform			4.3E-11	5.3E-12		4.8E-11
Chloromethane						
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane						
Dichlorodifluoromethane						
Ethylbenzene			1.5E-09	1.9E-10		1.7E-09
Isopropylbenzene						
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta						
Methylene chloride			5.3E-13	6.6E-14		5.9E-13
n-Butylbenzene						
n-Propylbenzene						
o-Xylene						
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene						

Table H-763 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
tert-Butylbenzene						
Tetrachloroethene			8.5E-14	1.1E-14		9.6E-14
Toluene						
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			2.3E-14	2.8E-15		2.5E-14
Trichlorofluoromethane						
Vinyl chloride			3.3E-11	4.1E-12		3.7E-11
Grand Total	2.9E-10	1.0E-09	2.5E-07	3.1E-08	4.4E-13	2.8E-07

Table H-764 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas						
Hydrogen Chloride			1.4E-03	1.7E-04		1.5E-03
Aldehydes						
Acetaldehyde			5.3E-03	6.6E-04		5.9E-03
Formaldehyde			1.8E-03	2.3E-04		2.1E-03
Propionaldehyde			6.6E-04	8.2E-05	4.9E-11	7.4E-04
CO						
Carbon monoxide						
CO2						
Carbon dioxide						
Criteria						
Sulfur Dioxide						
DIOXINS						
1,2,3,4,6,7,8-HpCDD						
1,2,3,4,6,7,8-HpCDF						
1,2,3,4,7,8,9-HpCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDD						
1,2,3,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDD						
1,2,3,7,8,9-HxCDF						
1,2,3,7,8-PeCDD						

Table H-764 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF						
2,3,4,6,7,8-HxCDF						
2,3,4,7,8-PeCDF						
2,3,7,8-TCDD	1.6E-06	6.2E-06	3.8E-05	4.8E-06	3.7E-09	5.1E-05
2,3,7,8-TCDF						
OCDD						
OCDF						
HCN						
Hydrogen cyanide			7.3E-03	9.1E-04		8.2E-03
Metals						
Antimony						
Arsenic	2.0E-13	4.6E-13	1.3E-03	1.6E-04	7.6E-16	1.4E-03
Barium		3.7E-07	5.3E-03	6.6E-04	7.3E-09	6.0E-03
Beryllium		1.2E-11	6.5E-05	8.1E-06	5.7E-14	7.3E-05
Cadmium		1.9E-11	2.4E-03	3.0E-04	9.3E-14	2.7E-03
Chromium		1.5E-09				1.5E-09
Cobalt		1.9E-05	1.6E-02	2.0E-03	4.7E-08	1.8E-02
Copper		2.5E-07				2.5E-07
Lead						
Manganese						
Mercury (+2)		4.7E-09	2.5E-06	3.1E-07	2.3E-13	2.8E-06
Mercury, elemental			1.0E-08	1.3E-09		1.2E-08
Methyl Mercury		8.9E-10				8.9E-10

Table H-764 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Nickel		4.6E-12	1.2E-03	1.5E-04	5.1E-14	1.3E-03
Phosphorus		7.9E-09				7.9E-09
Selenium		1.9E-13	2.8E-07	3.4E-08	2.3E-18	3.1E-07
Silver		3.6E-09				3.6E-09
Titanium						
Zinc		1.1E-11				1.1E-11
NOx						
NOx (Oxides of Nitrogen)						
PAHs						
1-Methylnaphthalene	1.1E-13	1.0E-13				2.2E-13
1-Methylphenanthrene						
2,3,5-Trimethylnaphthalene						
2,6-Dimethylnaphthalene						
2-Methylnaphthalene	1.9E-12	1.8E-12				3.7E-12
Acenaphthylene						
Acenaphthene						
Anthracene						
Benzo(a)anthracene						
Benzo(a)pyrene						
Benzo(b)fluoranthene						
Benzo(e)pyrene						
Benzo(g,h,i)perylene						
Benzo(k)fluoranthene						

Table H-764 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Biphenyl		2.3E-13	1.1E-02	1.4E-03	1.7E-10	1.3E-02
Chrysene						
Dibenze(a,h)anthracene						
Fluoranthene	5.6E-11	5.1E-11				1.1E-10
Fluorene						
Indeno(1,2,3-cd)pyrene						
Napthalene			2.0E-03	2.5E-04		2.3E-03
Perylene						
Phenanthrene						
Pyrene	3.1E-10	2.9E-10				6.0E-10
Particulate						
Particulate Total Suspended Particulate						
PM<10						
PM<2.5						
PCBs						
Dichlorobiphenyl	4.5E-10	3.8E-10				8.4E-10
Heptachlorobiphenyl	1.8E-10	1.5E-10	3.8E-08	4.7E-09	1.2E-13	4.3E-08
Hexachlorobiphenyl	7.3E-10	6.2E-10	1.5E-04	1.9E-05	4.8E-10	1.7E-04
Monochlorobiphenyl	3.2E-09	2.7E-09				5.8E-09
Nonachlorobiphenyl	2.3E-11	1.9E-11				4.2E-11
Octachlorobiphenyl	5.4E-11	4.5E-11				9.9E-11
Pentachlorobiphenyl	2.4E-09	2.1E-09	1.6E-03	2.0E-04	5.3E-09	1.8E-03
Tetrachlorobiphenyl	1.4E-10	1.2E-10	8.1E-06	1.0E-06	5.8E-12	9.1E-06

Table H-764 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Trichlorobiphenyl	1.8E-10	1.5E-10				3.3E-10
SVOCs						
1,2,4-trichlorobenzene			3.8E-06	4.7E-07		4.2E-06
1,2-dichlorobenzene			4.8E-09	6.0E-10		5.4E-09
1,3-dichlorobenzene						
1,4-dichlorobenzene			8.5E-08	1.1E-08		9.5E-08
2,4-Dimethylphenol						
2-Chlorophenol						
2-Methylphenol			3.8E-06	4.8E-07		4.3E-06
2-Nitrophenol						
3-Methylphenol & 4-Methylphenol						
4-Nitrophenol						
Acetophenone						
Benzoic acid						
Benzyl alcohol						
bis(2-Ethylhexyl) phthalate	9.4E-09	1.1E-08				2.0E-08
Butyl benzyl phthalate	5.4E-13	6.4E-13				1.2E-12
Carbazole						
Dibenzofuran	4.6E-12	1.8E-11				2.3E-11
Dimethyl phthalate						
Di-n-butyl phthalate	1.1E-12	1.3E-12				2.4E-12
Di-n-octyl phthalate	7.7E-12	9.0E-12				1.7E-11
Hexachlorobutadiene						

Table H-764 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Phenol			6.0E-05	7.6E-06		6.8E-05
Pyridine						
TRS						
Total Reduced Sulfur						
VOCs						
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane			9.3E-10	1.2E-10		1.0E-09
1,1-Dichloroethene			1.2E-09	1.4E-10		1.3E-09
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane			3.2E-06	4.0E-07		3.6E-06
1,2,4-Trimethylbenzene			2.4E-05	3.0E-06		2.7E-05
1,2-Dibromoethane			6.8E-08	8.5E-09		7.7E-08
1,2-Dichloroethane			1.4E-05	1.7E-06		1.6E-05
1,3,5-Trimethylbenzene						
1,3-Dichloropropane						
2-Butanone			2.5E-07	3.1E-08		2.8E-07
2-Chlorotoluene						
2-Hexanone			7.5E-06	9.4E-07		8.5E-06
Benzene			1.1E-03	1.3E-04		1.2E-03
Bromobenzene			5.5E-06	6.9E-07		6.2E-06
Bromochloromethane			2.0E-08	2.4E-09		2.2E-08
Bromodichloromethane						
Bromomethane			1.9E-05	2.4E-06		2.2E-05

Table H-764 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal		Inhalation of		Inhalation of	Grand Total
	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Particulate/Vapors Outdoors	
Carbon disulfide			1.1E-07	1.4E-08		1.3E-07
Carbon tetrachloride			1.9E-08	2.4E-09		2.2E-08
Chlorobenzene			3.1E-06	3.9E-07		3.5E-06
Chlorodibromomethane						
Chloroethane			2.9E-08	3.6E-09		3.2E-08
Chloroform			2.2E-07	2.8E-08		2.5E-07
Chloromethane			8.7E-06	1.1E-06		9.8E-06
cis-1,2-Dichloroethene						
cis-1,3-Dichloropropene						
Dibromomethane			4.5E-07	5.6E-08		5.1E-07
Dichlorodifluoromethane			2.2E-08	2.8E-09		2.5E-08
Ethylbenzene			6.9E-06	8.6E-07		7.8E-06
Isopropylbenzene			1.2E-06	1.5E-07		1.4E-06
m&p-Xylene						
Methyl Isobutyl Ketone (4-methyl-2-penta			1.1E-09	1.3E-10		1.2E-09
Methylene chloride			1.0E-06	1.3E-07		1.2E-06
n-Butylbenzene						
n-Propylbenzene			2.7E-07	3.4E-08		3.0E-07
o-Xylene			6.7E-06	8.4E-07		7.6E-06
p-Chlorotoluene						
p-Isopropyltoluene						
sec-Butylbenzene						
Styrene			1.7E-05	2.1E-06		1.9E-05

Table H-764 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
tert-Butylbenzene						
Tetrachloroethene			9.5E-08	1.2E-08		1.1E-07
Toluene			2.4E-06	2.9E-07		2.7E-06
trans-1,2-Dichloroethene						
trans-1,3-Dichloropropene						
Trichloroethene			3.2E-08	4.0E-09		3.6E-08
Trichlorofluoromethane						
Vinyl chloride			8.6E-07	1.1E-07		9.7E-07
Grand Total	1.6E-06	2.6E-05	5.9E-02	7.4E-03	6.4E-08	6.6E-02

Table H-765 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas							
Hydrogen Chloride							
Aldehydes							
Acetaldehyde				1.3E-08	4.4E-09		1.8E-08
Formaldehyde				3.1E-08	1.0E-08		4.1E-08
Propionaldehyde							
CO							
Carbon monoxide							
CO2							
Carbon dioxide							
Criteria							
Sulfur Dioxide							
DIOXINS							
1,2,3,4,6,7,8-HpCDD	1.4E-16	2.6E-12	2.0E-11	1.5E-09	5.0E-10	8.8E-16	2.0E-09
1,2,3,4,6,7,8-HpCDF	1.3E-16	2.6E-12	2.1E-11	1.5E-09	5.0E-10	8.8E-16	2.0E-09
1,2,3,4,7,8,9-HpCDF	2.0E-17	3.1E-13	2.5E-12	2.0E-10	6.5E-11	1.1E-16	2.6E-10
1,2,3,4,7,8-HxCDD	1.6E-15	3.0E-12	2.4E-11	1.8E-09	6.1E-10	1.0E-15	2.5E-09
1,2,3,4,7,8-HxCDF	1.1E-14	2.4E-11	1.9E-10	1.5E-08	4.9E-09	8.2E-15	2.0E-08
1,2,3,6,7,8-HxCDD	3.0E-15	6.2E-12	4.9E-11	3.9E-09	1.3E-09	2.1E-15	5.2E-09
1,2,3,6,7,8-HxCDF	3.9E-15	7.9E-12	6.3E-11	4.8E-09	1.6E-09	2.7E-15	6.5E-09
1,2,3,7,8,9-HxCDD	4.3E-15	9.7E-12	7.7E-11	5.8E-09	1.9E-09	3.3E-15	7.9E-09
1,2,3,7,8,9-HxCDF	3.2E-16	5.7E-13	4.5E-12	3.7E-10	1.2E-10	1.9E-16	5.0E-10
1,2,3,7,8-PeCDD	8.2E-14	3.5E-11	2.7E-10	2.3E-08	7.8E-09	1.2E-14	3.2E-08

Table H-765 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption		Dermal		Inhalation of		Grand Total
	of Locally Caught Fish	Contact with Soil	Ingestion of Soil	Indoor Air	Outdoor Air	Inhalation of Particulate/Vapors Outdoors	
1,2,3,7,8-PeCDF	5.7E-15	2.1E-12	1.6E-11	1.7E-09	5.6E-10	7.0E-16	2.2E-09
2,3,4,6,7,8-HxCDF	5.7E-15	1.2E-11	9.5E-11	7.4E-09	2.5E-09	4.1E-15	1.0E-08
2,3,4,7,8-PeCDF	9.1E-14	4.9E-11	3.9E-10	3.7E-08	1.2E-08	1.7E-14	5.0E-08
2,3,7,8-TCDD	2.8E-14	5.2E-12	4.1E-11	7.7E-09	2.6E-09	1.2E-12	1.0E-08
2,3,7,8-TCDF	8.9E-15	1.3E-12	1.0E-11	3.5E-09	1.2E-09	4.5E-16	4.7E-09
OCDD	1.8E-20	1.7E-14	1.4E-13	9.9E-12	3.3E-12	5.8E-18	1.3E-11
OCDF	6.9E-21	6.5E-15	5.1E-14	3.7E-12	1.2E-12	2.2E-18	4.9E-12
HCN							
Hydrogen cyanide							
Metals							
Antimony							
Arsenic	1.0E-16	6.2E-18	2.9E-17	1.1E-08	3.5E-09	2.1E-20	1.4E-08
Barium							
Beryllium				4.1E-10	1.4E-10	1.2E-18	5.4E-10
Cadmium				5.6E-09	1.9E-09	7.1E-19	7.4E-09
Chromium							
Cobalt				1.9E-07	6.3E-08	9.9E-13	2.5E-07
Copper							
Lead							
Manganese							
Mercury (+2)							
Mercury, elemental							
Methyl Mercury							

Table H-765 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Nickel				3.6E-09	1.2E-09	5.1E-19	4.8E-09
Phosphorus							
Selenium							
Silver							
Titanium							
Zinc							
NOx							
NOx (Oxides of Nitrogen)							
PAHs							
1-Methylnaphthalene		1.2E-17	2.2E-17				3.4E-17
1-Methylphenanthrene							
2,3,5-Trimethylnaphthalene							
2,6-Dimethylnaphthalene							
2-Methylnaphthalene							
Acenaphthylene							
Acenaphthene							
Anthracene							
Benzo(a)anthracene	3.9E-13	2.5E-12	4.6E-12	1.7E-09	5.5E-10	3.1E-14	2.2E-09
Benzo(a)pyrene	1.9E-12	1.1E-11	1.9E-11	6.3E-09	2.1E-09	4.3E-16	8.5E-09
Benzo(b)fluoranthene	5.2E-14	5.8E-14	1.0E-13	6.8E-10	2.3E-10	2.3E-18	9.1E-10
Benzo(e)pyrene							
Benzo(g,h,i)perylene							
Benzo(k)fluoranthene	4.3E-17	3.4E-15	6.3E-15	2.7E-12	8.9E-13	1.4E-18	3.6E-12

Table H-765 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Biphenyl			9.6E-17				9.6E-17
Chrysene	6.7E-16	3.0E-14	5.5E-14	2.7E-10	9.1E-11	1.2E-17	3.6E-10
Dibenze(a,h)anthracene	9.7E-14	3.7E-12	6.8E-12	1.1E-09	3.6E-10	1.6E-16	1.4E-09
Fluoranthene							
Fluorene							
Indeno(1,2,3-cd)pyrene	2.4E-14	1.0E-12	1.9E-12	3.3E-10	1.1E-10	4.2E-17	4.4E-10
Napthalene				2.5E-08	8.2E-09		3.3E-08
Perylene							
Phenanthrene							
Pyrene							
Particulate							
Particulate Total Suspended Particulate							
PM<10							
PM<2.5							
PCBs							
Dichlorobiphenyl	3.6E-17	6.9E-17	1.2E-16	8.9E-12	3.0E-12	9.3E-18	1.2E-11
Heptachlorobiphenyl	3.9E-17	2.2E-16	3.7E-16	3.4E-12	1.1E-12	1.6E-17	4.6E-12
Hexachlorobiphenyl	1.6E-16	9.3E-16	1.6E-15	1.4E-11	4.6E-12	6.8E-17	1.8E-11
Monochlorobiphenyl	2.6E-16	4.8E-16	8.1E-16	6.2E-11	2.1E-11	6.5E-17	8.3E-11
Nonachlorobiphenyl	4.9E-18	3.1E-17	5.3E-17	4.2E-13	1.4E-13	2.3E-18	5.7E-13
Octachlorobiphenyl	1.2E-17	6.8E-17	1.1E-16	1.0E-12	3.4E-13	5.0E-18	1.4E-12
Pentachlorobiphenyl	5.3E-16	3.2E-15	5.4E-15	4.6E-11	1.5E-11	2.3E-16	6.1E-11
Tetrachlorobiphenyl	1.1E-17	2.2E-17	3.8E-17	2.6E-12	8.8E-13	3.0E-18	3.5E-12

Table H-765 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Trichlorobiphenyl	1.4E-17	2.8E-17	4.8E-17	3.5E-12	1.2E-12	3.8E-18	4.6E-12
SVOCs							
1,2,4-trichlorobenzene							
1,2-dichlorobenzene							
1,3-dichlorobenzene							
1,4-dichlorobenzene	4.3E-20			8.7E-11	2.9E-11		1.2E-10
2,4-Dimethylphenol							
2-Chlorophenol							
2-Methylphenol							
2-Nitrophenol							
3-Methylphenol & 4-Methylphenol							
4-Nitrophenol							
Acetophenone							
Benzoic acid							
Benzyl alcohol							
bis(2-Ethylhexyl) phthalate	5.9E-16	1.4E-13	3.4E-13	2.1E-09	6.9E-10	8.6E-18	2.8E-09
Butyl benzyl phthalate	2.9E-17	1.1E-17	2.6E-17				6.5E-17
Carbazole							
Dibenzofuran							
Dimethyl phthalate							
Di-n-butyl phthalate							
Di-n-octyl phthalate							
Hexachlorobutadiene	4.5E-17			2.0E-09	6.8E-10		2.7E-09

Table H-765 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Phenol							
Pyridine							
TRS							
Total Reduced Sulfur							
VOCs							
1,1,1,2-Tetrachloroethane	6.0E-21			3.9E-12	1.3E-12		5.3E-12
1,1,1-Trichloroethane							
1,1-Dichloroethene							
1,2,3-Trichlorobenzene							
1,2,3-Trichloropropane	2.8E-18						2.8E-18
1,2,4-Trimethylbenzene							
1,2-Dibromoethane	6.4E-20			8.7E-11	2.9E-11		1.2E-10
1,2-Dichloroethane	9.1E-20			3.2E-10	1.1E-10		4.2E-10
1,3,5-Trimethylbenzene							
1,3-Dichloropropane							
2-Butanone							
2-Chlorotoluene							
2-Hexanone							
Benzene	9.3E-18			3.1E-08	1.0E-08		4.1E-08
Bromobenzene							
Bromochloromethane							
Bromodichloromethane	1.7E-21			7.3E-12	2.4E-12		9.8E-12
Bromomethane							

Table H-765 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Carbon disulfide							
Carbon tetrachloride	8.1E-22			2.7E-12	9.1E-13		3.6E-12
Chlorobenzene							
Chlorodibromomethane	1.3E-19						1.3E-19
Chloroethane							
Chloroform	7.5E-21			1.0E-10	3.4E-11		1.4E-10
Chloromethane							
cis-1,2-Dichloroethene							
cis-1,3-Dichloropropene							
Dibromomethane							
Dichlorodifluoromethane							
Ethylbenzene	1.4E-18			2.2E-09	7.2E-10		2.9E-09
Isopropylbenzene							
m&p-Xylene							
Methyl Isobutyl Ketone (4-methyl-2							
Methylene chloride	4.4E-21			7.8E-13	2.6E-13		1.0E-12
n-Butylbenzene							
n-Propylbenzene							
o-Xylene							
p-Chlorotoluene							
p-Isopropyltoluene							
sec-Butylbenzene							
Styrene							

Table H-765 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
tert-Butylbenzene							
Tetrachloroethene	1.2E-22			1.3E-13	4.3E-14		1.7E-13
Toluene							
trans-1,2-Dichloroethene							
trans-1,3-Dichloropropene							
Trichloroethene	2.7E-23			6.2E-14	2.1E-14		8.3E-14
Trichlorofluoromethane							
Vinyl chloride	3.0E-20			6.2E-11	2.1E-11		8.2E-11
Grand Total	2.7E-12	1.8E-10	1.3E-09	4.4E-07	1.5E-07	2.3E-12	5.9E-07

Table H-766 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas							
Hydrogen Chloride				2.0E-03	6.8E-04		2.7E-03
Aldehydes							
Acetaldehyde				7.9E-03	2.6E-03		1.0E-02
Formaldehyde	2.3E-12			2.8E-03	9.4E-04		3.8E-03
Propionaldehyde				9.8E-04	3.3E-04	2.0E-10	1.3E-03
CO							
Carbon monoxide							
CO2							
Carbon dioxide							
Criteria							
Sulfur Dioxide							
DIOXINS							
1,2,3,4,6,7,8-HpCDD							
1,2,3,4,6,7,8-HpCDF							
1,2,3,4,7,8,9-HpCDF							
1,2,3,4,7,8-HxCDD							
1,2,3,4,7,8-HxCDF							
1,2,3,6,7,8-HxCDD							
1,2,3,6,7,8-HxCDF							
1,2,3,7,8,9-HxCDD							
1,2,3,7,8,9-HxCDF							
1,2,3,7,8-PeCDD							

Table H-766 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
1,2,3,7,8-PeCDF							
2,3,4,6,7,8-HxCDF							
2,3,4,7,8-PeCDF							
2,3,7,8-TCDD	3.8E-09	1.1E-06	9.0E-06	5.9E-05	2.0E-05	1.6E-08	8.9E-05
2,3,7,8-TCDF							
OCDD							
OCDF							
HCN							
Hydrogen cyanide				1.1E-02	3.5E-03		1.4E-02
Metals							
Antimony	3.9E-14						3.9E-14
Arsenic	2.7E-12	1.6E-13	7.6E-13	1.9E-03	6.4E-04	3.7E-15	2.5E-03
Barium	1.4E-11		7.5E-07	9.2E-03	3.1E-03	4.4E-08	1.2E-02
Beryllium	1.7E-14		2.0E-11	9.9E-05	3.3E-05	2.9E-13	1.3E-04
Cadmium	8.3E-12		3.1E-11	3.6E-03	1.2E-03	4.6E-13	4.8E-03
Chromium	1.9E-15		2.5E-09				2.5E-09
Cobalt			4.7E-05	4.1E-02	1.4E-02	3.5E-07	5.4E-02
Copper			4.3E-07				4.3E-07
Lead							
Manganese							
Mercury (+2)			6.6E-09	3.8E-06	1.3E-06	9.7E-13	5.0E-06
Mercury, elemental				1.6E-08	5.2E-09		2.1E-08
Methyl Mercury	1.3E-10		1.5E-09				1.6E-09

Table H-766 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Nickel	1.7E-13		7.8E-12	1.8E-03	6.0E-04	2.5E-13	2.4E-03
Phosphorus			1.4E-08				1.4E-08
Selenium	5.5E-14		3.1E-13	4.2E-07	1.4E-07	1.1E-17	5.5E-07
Silver	4.2E-14		6.3E-09				6.3E-09
Titanium							
Zinc	1.4E-11		2.2E-11				3.5E-11
NOx							
NOx (Oxides of Nitrogen)							
PAHs							
1-Methylnaphthalene		6.9E-14	1.3E-13				2.0E-13
1-Methylphenanthrene							
2,3,5-Trimethylnaphthalene							
2,6-Dimethylnaphthalene							
2-Methylnaphthalene		1.2E-12	2.1E-12				3.3E-12
Acenaphthylene							
Acenaphthene	5.6E-14						5.6E-14
Anthracene	1.4E-13						1.4E-13
Benzo(a)anthracene							
Benzo(a)pyrene							
Benzo(b)fluoranthene							
Benzo(e)pyrene							
Benzo(g,h,i)perylene							
Benzo(k)fluoranthene							

Table H-766 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Biphenyl			2.8E-13	1.6E-02	5.3E-03	6.1E-10	2.1E-02
Chrysene							
Dibenze(a,h)anthracene							
Fluoranthene	7.0E-12	3.4E-11	6.3E-11				1.0E-10
Fluorene	1.5E-12						1.5E-12
Indeno(1,2,3-cd)pyrene							
Napthalene	1.4E-12			2.8E-03	9.4E-04		3.7E-03
Perylene							
Phenanthrene							
Pyrene	6.7E-12	1.9E-10	3.5E-10				5.5E-10
Particulate							
Particulate Total Suspended Particulate							
PM<10							
PM<2.5							
PCBs							
Dichlorobiphenyl	8.7E-11	2.8E-10	4.7E-10				8.4E-10
Heptachlorobiphenyl	1.2E-11	1.1E-10	1.9E-10	5.4E-08	1.8E-08	4.5E-13	7.2E-08
Hexachlorobiphenyl	4.7E-11	4.7E-10	8.0E-10	2.2E-04	7.2E-05	1.9E-09	2.9E-04
Monochlorobiphenyl	6.1E-10	2.0E-09	3.3E-09				5.9E-09
Nonachlorobiphenyl	1.4E-12	1.6E-11	2.7E-11				4.4E-11
Octachlorobiphenyl	3.4E-12	3.4E-11	5.8E-11				9.6E-11
Pentachlorobiphenyl	1.6E-10	1.6E-09	2.7E-09	2.4E-03	7.8E-04	2.1E-08	3.1E-03
Tetrachlorobiphenyl	2.6E-11	9.1E-11	1.5E-10	1.2E-05	4.0E-06	2.3E-11	1.6E-05

Table H-766 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Trichlorobiphenyl	3.4E-11	1.2E-10	2.0E-10				3.4E-10
SVOCs							
1,2,4-trichlorobenzene				5.9E-06	2.0E-06		7.9E-06
1,2-dichlorobenzene	3.1E-17			1.3E-08	4.4E-09		1.8E-08
1,3-dichlorobenzene							
1,4-dichlorobenzene	1.3E-15			1.2E-07	3.9E-08		1.5E-07
2,4-Dimethylphenol	1.3E-13						1.3E-13
2-Chlorophenol	2.6E-14						2.6E-14
2-Methylphenol	1.1E-12			5.3E-06	1.8E-06		7.1E-06
2-Nitrophenol							
3-Methylphenol & 4-Methylphenol							
4-Nitrophenol							
Acetophenone	3.9E-14						3.9E-14
Benzoic acid	4.0E-15						4.0E-15
Benzyl alcohol	9.8E-17						9.8E-17
bis(2-Ethylhexyl) phthalate	2.5E-11	6.0E-09	1.4E-08				2.0E-08
Butyl benzyl phthalate	8.8E-13	3.3E-13	7.9E-13				2.0E-12
Carbazole							
Dibenzofuran		2.9E-12	2.3E-11				2.5E-11
Dimethyl phthalate							
Di-n-butyl phthalate	1.7E-11	6.7E-13	1.6E-12				1.9E-11
Di-n-octyl phthalate	1.3E-15	8.7E-12	2.1E-11				2.9E-11
Hexachlorobutadiene	6.7E-12						6.7E-12

Table H-766 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
Phenol	4.9E-13			8.5E-05	2.8E-05		1.1E-04
Pyridine	7.7E-12						7.7E-12
TRS							
Total Reduced Sulfur							
VOCs							
1,1,1,2-Tetrachloroethane	9.0E-17						9.0E-17
1,1,1-Trichloroethane	8.8E-20			1.4E-09	4.5E-10		1.8E-09
1,1-Dichloroethene	1.2E-19			3.2E-09	1.1E-09		4.2E-09
1,2,3-Trichlorobenzene	2.3E-13						2.3E-13
1,2,3-Trichloropropane	2.7E-16			8.8E-06	2.9E-06		1.2E-05
1,2,4-Trimethylbenzene				3.9E-05	1.3E-05		5.1E-05
1,2-Dibromoethane	4.1E-17			1.9E-07	6.2E-08		2.5E-07
1,2-Dichloroethane	1.9E-15			2.0E-05	6.8E-06		2.7E-05
1,3,5-Trimethylbenzene	6.0E-15						6.0E-15
1,3-Dichloropropane							
2-Butanone	4.1E-15			3.6E-07	1.2E-07		4.8E-07
2-Chlorotoluene							
2-Hexanone				1.1E-05	3.7E-06		1.5E-05
Benzene	4.9E-13			1.5E-03	5.2E-04		2.1E-03
Bromobenzene				1.5E-05	5.0E-06		2.0E-05
Bromochloromethane				5.4E-08	1.8E-08		7.1E-08
Bromodichloromethane	1.6E-17						1.6E-17
Bromomethane	9.6E-16			3.1E-05	1.0E-05		4.2E-05

Table H-766 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
Carbon disulfide	1.3E-17			1.9E-07	6.4E-08		2.5E-07
Carbon tetrachloride	3.4E-17			5.3E-08	1.8E-08		7.1E-08
Chlorobenzene	2.3E-15			4.7E-06	1.6E-06		6.2E-06
Chlorodibromomethane	9.1E-16						9.1E-16
Chloroethane				4.3E-08	1.4E-08		5.8E-08
Chloroform	2.8E-16			5.3E-07	1.8E-07		7.1E-07
Chloromethane				1.4E-05	4.7E-06		1.9E-05
cis-1,2-Dichloroethene	1.9E-15						1.9E-15
cis-1,3-Dichloropropene							
Dibromomethane				1.2E-06	4.1E-07		1.7E-06
Dichlorodifluoromethane	2.4E-20			6.0E-08	2.0E-08		8.1E-08
Ethylbenzene	1.5E-14			1.0E-05	3.4E-06		1.3E-05
Isopropylbenzene	2.0E-17			1.8E-06	6.1E-07		2.5E-06
m&p-Xylene							
Methyl Isobutyl Ketone (4-methyl-2				2.9E-09	9.6E-10		3.9E-09
Methylene chloride	4.3E-15			1.5E-06	5.0E-07		2.0E-06
n-Butylbenzene							
n-Propylbenzene				4.2E-07	1.4E-07		5.6E-07
o-Xylene	1.4E-15			1.0E-05	3.5E-06		1.4E-05
p-Chlorotoluene							
p-Isopropyltoluene							
sec-Butylbenzene							
Styrene	4.7E-14			2.5E-05	8.5E-06		3.4E-05

Table H-766 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
tert-Butylbenzene							
Tetrachloroethene	1.1E-16			1.4E-07	4.8E-08		1.9E-07
Toluene	2.0E-14			3.4E-06	1.1E-06		4.5E-06
trans-1,2-Dichloroethene	2.9E-15						2.9E-15
trans-1,3-Dichloropropene							
Trichloroethene	1.4E-17			8.8E-08	2.9E-08		1.2E-07
Trichlorofluoromethane	3.5E-20						3.5E-20
Vinyl chloride	1.6E-16			1.6E-06	5.5E-07		2.2E-06
Grand Total	5.0E-09	1.1E-06	5.8E-05	1.0E-01	3.5E-02	4.3E-07	1.4E-01

Table H-767 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas							
Hydrogen Chloride							
Aldehydes							
Acetaldehyde				1.3E-08	4.4E-09		1.8E-08
Formaldehyde				3.1E-08	1.0E-08		4.1E-08
Propionaldehyde							
CO							
Carbon monoxide							
CO2							
Carbon dioxide							
Criteria							
Sulfur Dioxide							
DIOXINS							
1,2,3,4,6,7,8-HpCDD	1.8E-16	1.6E-11	2.2E-10	1.5E-09	5.0E-10	8.8E-16	2.2E-09
1,2,3,4,6,7,8-HpCDF	1.8E-16	1.6E-11	2.2E-10	1.5E-09	5.0E-10	8.8E-16	2.2E-09
1,2,3,4,7,8,9-HpCDF	2.7E-17	1.9E-12	2.6E-11	2.0E-10	6.5E-11	1.1E-16	2.9E-10
1,2,3,4,7,8-HxCDD	2.0E-15	1.8E-11	2.6E-10	1.8E-09	6.1E-10	1.0E-15	2.7E-09
1,2,3,4,7,8-HxCDF	1.4E-14	1.4E-10	2.0E-09	1.5E-08	4.9E-09	8.2E-15	2.2E-08
1,2,3,6,7,8-HxCDD	3.9E-15	3.7E-11	5.2E-10	3.9E-09	1.3E-09	2.1E-15	5.7E-09
1,2,3,6,7,8-HxCDF	5.2E-15	4.8E-11	6.7E-10	4.8E-09	1.6E-09	2.7E-15	7.2E-09
1,2,3,7,8,9-HxCDD	5.7E-15	5.8E-11	8.2E-10	5.8E-09	1.9E-09	3.3E-15	8.7E-09
1,2,3,7,8,9-HxCDF	4.2E-16	3.4E-12	4.8E-11	3.7E-10	1.2E-10	1.9E-16	5.5E-10
1,2,3,7,8-PeCDD	1.1E-13	2.1E-10	2.9E-09	2.3E-08	7.8E-09	1.2E-14	3.4E-08

Table H-767 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
1,2,3,7,8-PeCDF	7.6E-15	1.2E-11	1.7E-10	1.7E-09	5.6E-10	7.0E-16	2.4E-09
2,3,4,6,7,8-HxCDF	7.5E-15	7.2E-11	1.0E-09	7.4E-09	2.5E-09	4.1E-15	1.1E-08
2,3,4,7,8-PeCDF	1.2E-13	2.9E-10	4.1E-09	3.7E-08	1.2E-08	1.7E-14	5.4E-08
2,3,7,8-TCDD	3.7E-14	3.1E-11	4.4E-10	7.7E-09	2.6E-09	1.2E-12	1.1E-08
2,3,7,8-TCDF	1.2E-14	7.9E-12	1.1E-10	3.5E-09	1.2E-09	4.5E-16	4.8E-09
OCDD	2.4E-20	1.0E-13	1.5E-12	9.9E-12	3.3E-12	5.8E-18	1.5E-11
OCDF	9.1E-21	3.9E-14	5.4E-13	3.7E-12	1.2E-12	2.2E-18	5.5E-12
HCN							
Hydrogen cyanide							
Metals							
Antimony							
Arsenic	1.4E-16	3.7E-17	1.9E-16	1.1E-08	3.5E-09	2.1E-20	1.4E-08
Barium							
Beryllium				4.1E-10	1.4E-10	1.2E-18	5.4E-10
Cadmium				5.6E-09	1.9E-09	7.1E-19	7.4E-09
Chromium							
Cobalt				1.9E-07	6.3E-08	9.9E-13	2.5E-07
Copper							
Lead							
Manganese							
Mercury (+2)							
Mercury, elemental							
Methyl Mercury							

Table H-767 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Nickel				3.6E-09	1.2E-09	5.1E-19	4.8E-09
Phosphorus							
Selenium							
Silver							
Titanium							
Zinc							
NOx							
NOx (Oxides of Nitrogen)							
PAHs							
1-Methylnaphthalene		7.2E-17	2.3E-16				3.1E-16
1-Methylphenanthrene							
2,3,5-Trimethylnaphthalene							
2,6-Dimethylnaphthalene							
2-Methylnaphthalene							
Acenaphthylene							
Acenaphthene							
Anthracene							
Benzo(a)anthracene	2.7E-12	8.0E-11	2.6E-10	8.9E-09	3.0E-09	1.7E-13	1.2E-08
Benzo(a)pyrene	1.3E-11	3.4E-10	1.1E-09	3.4E-08	1.1E-08	2.3E-15	4.6E-08
Benzo(b)fluoranthene	3.7E-13	1.8E-12	6.0E-12	3.6E-09	1.2E-09	1.2E-17	4.8E-09
Benzo(e)pyrene							
Benzo(g,h,i)perylene							
Benzo(k)fluoranthene	3.0E-16	1.1E-13	3.6E-13	1.4E-11	4.8E-12	7.4E-18	1.9E-11

Table H-767 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Biphenyl			1.0E-15				1.0E-15
Chrysene	4.7E-15	9.6E-13	3.1E-12	1.5E-09	4.8E-10	6.5E-17	1.9E-09
Dibenze(a,h)anthracene	6.8E-13	1.2E-10	3.9E-10	5.7E-09	1.9E-09	8.8E-16	8.1E-09
Fluoranthene							
Fluorene							
Indeno(1,2,3-cd)pyrene	1.7E-13	3.3E-11	1.1E-10	1.7E-09	5.8E-10	2.2E-16	2.5E-09
Napthalene				2.5E-08	8.2E-09		3.3E-08
Perylene							
Phenanthrene							
Pyrene							
Particulate							
Particulate Total Suspended Particulate							
PM<10							
PM<2.5							
PCBs							
Dichlorobiphenyl	4.8E-17	4.1E-16	1.2E-15	8.9E-12	3.0E-12	9.3E-18	1.2E-11
Heptachlorobiphenyl	5.2E-17	1.3E-15	4.0E-15	3.4E-12	1.1E-12	1.6E-17	4.6E-12
Hexachlorobiphenyl	2.1E-16	5.6E-15	1.7E-14	1.4E-11	4.6E-12	6.8E-17	1.8E-11
Monochlorobiphenyl	3.4E-16	2.9E-15	8.6E-15	6.2E-11	2.1E-11	6.5E-17	8.3E-11
Nonachlorobiphenyl	6.5E-18	1.9E-16	5.7E-16	4.2E-13	1.4E-13	2.3E-18	5.7E-13
Octachlorobiphenyl	1.5E-17	4.1E-16	1.2E-15	1.0E-12	3.4E-13	5.0E-18	1.4E-12
Pentachlorobiphenyl	7.0E-16	1.9E-14	5.7E-14	4.6E-11	1.5E-11	2.3E-16	6.1E-11
Tetrachlorobiphenyl	1.4E-17	1.3E-16	4.0E-16	2.6E-12	8.8E-13	3.0E-18	3.5E-12

Table H-767 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Trichlorobiphenyl	1.9E-17	1.7E-16	5.1E-16	3.5E-12	1.2E-12	3.8E-18	4.6E-12
SVOCs							
1,2,4-trichlorobenzene							
1,2-dichlorobenzene							
1,3-dichlorobenzene							
1,4-dichlorobenzene	5.6E-20			8.7E-11	2.9E-11		1.2E-10
2,4-Dimethylphenol							
2-Chlorophenol							
2-Methylphenol							
2-Nitrophenol							
3-Methylphenol & 4-Methylphenol							
4-Nitrophenol							
Acetophenone							
Benzoic acid							
Benzyl alcohol							
bis(2-Ethylhexyl) phthalate	7.8E-16	8.7E-13	3.7E-12	2.1E-09	6.9E-10	8.6E-18	2.8E-09
Butyl benzyl phthalate	3.8E-17	6.5E-17	2.7E-16				3.8E-16
Carbazole							
Dibenzofuran							
Dimethyl phthalate							
Di-n-butyl phthalate							
Di-n-octyl phthalate							
Hexachlorobutadiene	6.0E-17			2.0E-09	6.8E-10		2.7E-09

Table H-767 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Phenol							
Pyridine							
TRS							
Total Reduced Sulfur							
VOCs							
1,1,1,2-Tetrachloroethane	7.9E-21			3.9E-12	1.3E-12		5.3E-12
1,1,1-Trichloroethane							
1,1-Dichloroethene							
1,2,3-Trichlorobenzene							
1,2,3-Trichloropropane	2.0E-17						2.0E-17
1,2,4-Trimethylbenzene							
1,2-Dibromoethane	8.4E-20			8.7E-11	2.9E-11		1.2E-10
1,2-Dichloroethane	1.2E-19			3.2E-10	1.1E-10		4.2E-10
1,3,5-Trimethylbenzene							
1,3-Dichloropropane							
2-Butanone							
2-Chlorotoluene							
2-Hexanone							
Benzene	1.2E-17			3.1E-08	1.0E-08		4.1E-08
Bromobenzene							
Bromochloromethane							
Bromodichloromethane	2.2E-21			7.3E-12	2.4E-12		9.8E-12
Bromomethane							

Table H-767 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Carbon disulfide							
Carbon tetrachloride	1.1E-21			2.7E-12	9.1E-13		3.6E-12
Chlorobenzene							
Chlorodibromomethane	1.7E-19						1.7E-19
Chloroethane							
Chloroform	9.9E-21			1.0E-10	3.4E-11		1.4E-10
Chloromethane							
cis-1,2-Dichloroethene							
cis-1,3-Dichloropropene							
Dibromomethane							
Dichlorodifluoromethane							
Ethylbenzene	1.9E-18			2.2E-09	7.2E-10		2.9E-09
Isopropylbenzene							
m&p-Xylene							
Methyl Isobutyl Ketone (4-methyl-2							
Methylene chloride	3.1E-20			4.1E-12	1.4E-12		5.5E-12
n-Butylbenzene							
n-Propylbenzene							
o-Xylene							
p-Chlorotoluene							
p-Isopropyltoluene							
sec-Butylbenzene							
Styrene							

Table H-767 (Cancer Risk)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
tert-Butylbenzene							
Tetrachloroethene	1.6E-22			1.3E-13	4.3E-14		1.7E-13
Toluene							
trans-1,2-Dichloroethene							
trans-1,3-Dichloropropene							
Trichloroethene	1.9E-22			3.3E-13	1.1E-13		4.4E-13
Trichlorofluoromethane							
Vinyl chloride	2.1E-19			3.3E-10	1.1E-10		4.4E-10
Grand Total	1.8E-11	1.5E-09	1.5E-08	4.9E-07	1.6E-07	2.4E-12	6.7E-07

Table H-768 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Acid Gas							
Hydrogen Chloride				2.0E-03	6.8E-04		2.7E-03
Aldehydes							
Acetaldehyde				7.9E-03	2.6E-03		1.0E-02
Formaldehyde	3.0E-12			2.8E-03	9.4E-04		3.8E-03
Propionaldehyde				9.8E-04	3.3E-04	2.0E-10	1.3E-03
CO							
Carbon monoxide							
CO2							
Carbon dioxide							
Criteria							
Sulfur Dioxide							
DIOXINS							
1,2,3,4,6,7,8-HpCDD							
1,2,3,4,6,7,8-HpCDF							
1,2,3,4,7,8,9-HpCDF							
1,2,3,4,7,8-HxCDD							
1,2,3,4,7,8-HxCDF							
1,2,3,6,7,8-HxCDD							
1,2,3,6,7,8-HxCDF							
1,2,3,7,8,9-HxCDD							
1,2,3,7,8,9-HxCDF							
1,2,3,7,8-PeCDD							

Table H-768 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
1,2,3,7,8-PeCDF							
2,3,4,6,7,8-HxCDF							
2,3,4,7,8-PeCDF							
2,3,7,8-TCDD	5.0E-09	6.8E-06	9.6E-05	5.9E-05	2.0E-05	1.6E-08	1.8E-04
2,3,7,8-TCDF							
OCDD							
OCDF							
HCN							
Hydrogen cyanide				1.1E-02	3.5E-03		1.4E-02
Metals							
Antimony	5.2E-14						5.2E-14
Arsenic	3.6E-12	9.6E-13	8.1E-12	1.9E-03	6.4E-04	3.7E-15	2.5E-03
Barium	1.8E-11		8.0E-06	9.2E-03	3.1E-03	4.4E-08	1.2E-02
Beryllium	2.2E-14		2.1E-10	9.9E-05	3.3E-05	2.9E-13	1.3E-04
Cadmium	1.1E-11		3.3E-10	3.6E-03	1.2E-03	4.6E-13	4.8E-03
Chromium	2.5E-15		2.7E-08				2.7E-08
Cobalt			5.1E-04	4.1E-02	1.4E-02	3.5E-07	5.5E-02
Copper			4.6E-06				4.6E-06
Lead							
Manganese							
Mercury (+2)			7.1E-08	3.8E-06	1.3E-06	9.7E-13	5.1E-06
Mercury, elemental				1.6E-08	5.2E-09		2.1E-08
Methyl Mercury	1.7E-10		1.6E-08				1.6E-08

Table H-768 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Nickel	2.2E-13		8.3E-11	1.8E-03	6.0E-04	2.5E-13	2.4E-03
Phosphorus			1.5E-07				1.5E-07
Selenium	7.3E-14		3.3E-12	4.2E-07	1.4E-07	1.1E-17	5.5E-07
Silver	5.6E-14		6.8E-08				6.8E-08
Titanium							
Zinc	1.8E-11		2.3E-10				2.5E-10
NOx							
NOx (Oxides of Nitrogen)							
PAHs							
1-Methylnaphthalene		4.2E-13	1.3E-12				1.8E-12
1-Methylphenanthrene							
2,3,5-Trimethylnaphthalene							
2,6-Dimethylnaphthalene							
2-Methylnaphthalene		7.1E-12	2.3E-11				3.0E-11
Acenaphthylene							
Acenaphthene	7.5E-14						7.5E-14
Anthracene	1.9E-13						1.9E-13
Benzo(a)anthracene							
Benzo(a)pyrene							
Benzo(b)fluoranthene							
Benzo(e)pyrene							
Benzo(g,h,i)perylene							
Benzo(k)fluoranthene							

Table H-768 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Biphenyl			3.0E-12	1.6E-02	5.3E-03	6.1E-10	2.1E-02
Chrysene							
Dibenze(a,h)anthracene							
Fluoranthene	9.2E-12	2.1E-10	6.7E-10				8.8E-10
Fluorene	2.0E-12						2.0E-12
Indeno(1,2,3-cd)pyrene							
Napthalene	1.8E-12			2.8E-03	9.4E-04		3.7E-03
Perylene							
Phenanthrene							
Pyrene	8.9E-12	1.1E-09	3.7E-09				4.9E-09
Particulate							
Particulate Total Suspended Particulate							
PM<10							
PM<2.5							
PCBs							
Dichlorobiphenyl	1.1E-10	1.7E-09	5.0E-09				6.8E-09
Heptachlorobiphenyl	1.5E-11	6.7E-10	2.0E-09	5.4E-08	1.8E-08	4.5E-13	7.4E-08
Hexachlorobiphenyl	6.2E-11	2.8E-09	8.5E-09	2.2E-04	7.2E-05	1.9E-09	2.9E-04
Monochlorobiphenyl	8.0E-10	1.2E-08	3.5E-08				4.8E-08
Nonachlorobiphenyl	1.9E-12	9.5E-11	2.9E-10				3.8E-10
Octachlorobiphenyl	4.5E-12	2.1E-10	6.2E-10				8.3E-10
Pentachlorobiphenyl	2.1E-10	9.7E-09	2.9E-08	2.4E-03	7.8E-04	2.1E-08	3.1E-03
Tetrachlorobiphenyl	3.4E-11	5.5E-10	1.6E-09	1.2E-05	4.0E-06	2.3E-11	1.6E-05

Table H-768 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/Vapors Outdoors	Grand Total
Trichlorobiphenyl	4.5E-11	6.9E-10	2.1E-09				2.8E-09
SVOCs							
1,2,4-trichlorobenzene				5.9E-06	2.0E-06		7.9E-06
1,2-dichlorobenzene	4.0E-17			1.3E-08	4.4E-09		1.8E-08
1,3-dichlorobenzene							
1,4-dichlorobenzene	1.7E-15			1.2E-07	3.9E-08		1.5E-07
2,4-Dimethylphenol	1.7E-13						1.7E-13
2-Chlorophenol	3.4E-14						3.4E-14
2-Methylphenol	1.4E-12			5.3E-06	1.8E-06		7.1E-06
2-Nitrophenol							
3-Methylphenol & 4-Methylphenol							
4-Nitrophenol							
Acetophenone	5.2E-14						5.2E-14
Benzoic acid	5.2E-15						5.2E-15
Benzyl alcohol	1.3E-16						1.3E-16
bis(2-Ethylhexyl) phthalate	3.2E-11	3.6E-08	1.5E-07				1.9E-07
Butyl benzyl phthalate	1.2E-12	2.0E-12	8.4E-12				1.2E-11
Carbazole							
Dibenzofuran		1.7E-11	2.4E-10				2.6E-10
Dimethyl phthalate							
Di-n-butyl phthalate	2.2E-11	4.0E-12	1.7E-11				4.3E-11
Di-n-octyl phthalate	1.7E-15	5.2E-11	2.2E-10				2.7E-10
Hexachlorobutadiene	8.9E-12						8.9E-12

Table H-768 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
Phenol	6.5E-13			8.5E-05	2.8E-05		1.1E-04
Pyridine	1.0E-11						1.0E-11
TRS							
Total Reduced Sulfur							
VOCs							
1,1,1,2-Tetrachloroethane	1.2E-16						1.2E-16
1,1,1-Trichloroethane	1.2E-19			1.4E-09	4.5E-10		1.8E-09
1,1-Dichloroethene	1.6E-19			3.2E-09	1.1E-09		4.2E-09
1,2,3-Trichlorobenzene	3.1E-13						3.1E-13
1,2,3-Trichloropropane	3.6E-16			8.8E-06	2.9E-06		1.2E-05
1,2,4-Trimethylbenzene				3.9E-05	1.3E-05		5.1E-05
1,2-Dibromoethane	5.5E-17			1.9E-07	6.2E-08		2.5E-07
1,2-Dichloroethane	2.6E-15			2.0E-05	6.8E-06		2.7E-05
1,3,5-Trimethylbenzene	8.0E-15						8.0E-15
1,3-Dichloropropane							
2-Butanone	5.4E-15			3.6E-07	1.2E-07		4.8E-07
2-Chlorotoluene							
2-Hexanone				1.1E-05	3.7E-06		1.5E-05
Benzene	6.5E-13			1.5E-03	5.2E-04		2.1E-03
Bromobenzene				1.5E-05	5.0E-06		2.0E-05
Bromochloromethane				5.4E-08	1.8E-08		7.1E-08
Bromodichloromethane	2.1E-17						2.1E-17
Bromomethane	1.3E-15			3.1E-05	1.0E-05		4.2E-05

Table H-768 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
Carbon disulfide	1.7E-17			1.9E-07	6.4E-08		2.5E-07
Carbon tetrachloride	4.5E-17			5.3E-08	1.8E-08		7.1E-08
Chlorobenzene	3.1E-15			4.7E-06	1.6E-06		6.2E-06
Chlorodibromomethane	1.2E-15						1.2E-15
Chloroethane				4.3E-08	1.4E-08		5.8E-08
Chloroform	3.7E-16			5.3E-07	1.8E-07		7.1E-07
Chloromethane				1.4E-05	4.7E-06		1.9E-05
cis-1,2-Dichloroethene	2.5E-15						2.5E-15
cis-1,3-Dichloropropene							
Dibromomethane				1.2E-06	4.1E-07		1.7E-06
Dichlorodifluoromethane	3.1E-20			6.0E-08	2.0E-08		8.1E-08
Ethylbenzene	2.0E-14			1.0E-05	3.4E-06		1.3E-05
Isopropylbenzene	2.6E-17			1.8E-06	6.1E-07		2.5E-06
m&p-Xylene							
Methyl Isobutyl Ketone (4-methyl-2				2.9E-09	9.6E-10		3.9E-09
Methylene chloride	5.7E-15			1.5E-06	5.0E-07		2.0E-06
n-Butylbenzene							
n-Propylbenzene				4.2E-07	1.4E-07		5.6E-07
o-Xylene	1.8E-15			1.0E-05	3.5E-06		1.4E-05
p-Chlorotoluene							
p-Isopropyltoluene							
sec-Butylbenzene							
Styrene	6.2E-14			2.5E-05	8.5E-06		3.4E-05

Table H-768 (Hazard Quotient/Hazard Index)

ACI Lifetime (yrs)	30
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Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Analyte	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Inhalation of Indoor Air	Inhalation of Outdoor Air	Inhalation of Particulate/ Vapors Outdoors	Grand Total
tert-Butylbenzene							
Tetrachloroethene	1.5E-16			1.4E-07	4.8E-08		1.9E-07
Toluene	2.6E-14			3.4E-06	1.1E-06		4.5E-06
trans-1,2-Dichloroethene	3.9E-15						3.9E-15
trans-1,3-Dichloropropene							
Trichloroethene	1.8E-17			8.8E-08	2.9E-08		1.2E-07
Trichlorofluoromethane	4.6E-20						4.6E-20
Vinyl chloride	2.1E-16			1.6E-06	5.5E-07		2.2E-06
Grand Total	6.6E-09	6.9E-06	6.1E-04	1.0E-01	3.5E-02	4.3E-07	1.4E-01



NAVY AND MARINE CORPS PUBLIC HEALTH CENTER

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Appendix I

Lead Evaluation



NAVY AND MARINE CORPS PUBLIC HEALTH CENTER

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Lead Evaluation

A lead evaluation was performed as part of the Naval Station Guantanamo Bay (NSGB) Human Health Risk Assessment (HHRA). Though lead is a naturally occurring compound in nature, industrial activity and human-made products can increase the amount of lead people are exposed to in the workplace and at home – potentially causing harmful health effects. Lead exposure is of particular concern to children and pregnant adult females, as an elevated blood lead level (BLL) can result in health complications in a child or fetus. A BLL of 10 micrograms per deciliter (10 µg/dL) has been the United States Environmental Protection Agency (USEPA) threshold level of concern, requiring intervention if a child’s BLL reached or exceeded this concentration (USEPA 2016). The USEPA set a post-remediation goal that the likelihood of a child having an elevated BLL (10 µg/dL or greater) should be no more than five percent (USEPA 2016). More recently, researchers have found that harmful health effects can occur at lower BLLs, leading the Center for Disease Control (CDC) and other organizations to recommend five micrograms per deciliter (5 µg/dL) as the new BLL of concern in adults and children (Agency for Toxic Substances and Disease Registry [ATSDR] 2016).

Based on soil samples collected at NSGB in October of 2015, lead background (pre-existing) levels in soil at NSGB ranged from 5.6 micrograms of lead per gram of soil (5.6 µg Pb/g) to 42 µg Pb/g. It is assumed that soil lead concentrations greater than 42 µg Pb/g can most likely be attributed to human activity at NSGB over time.

To assess whether or not lead levels at NSGB pose a risk to human health, a lead evaluation was performed using two USEPA lead models: the Integrated Exposure Uptake Biokinetic (IEUBK) model and the Adult Lead Methodology (ALM) model. The IEUBK model was used to evaluate lead risk in children (USEPA 2010). The ALM model was used to evaluate lead risk in adult workers and estimate the probability of a pregnant worker’s fetus having a BLL above a specified target value (USEPA 1996). The modeling results are shown below. The complete model of inputs and outputs included as Attachment 1.

Lead Exposure Evaluation for Children Outside of Camp Justice

The IEUBK analysis was performed with the assumption that children at NSGB would spend the majority of time in residential areas. For site-specific inputs, the highest residential values available for air lead concentration and soil lead concentration were used. No sampled or modeled drinking water data were available for residential areas, so the maximum lead concentration in tap water from Camp Justice was used in the model. The results from the IEUBK Model for the BLL for a child is presented in the table below. Based on the worst-case scenario (highest) lead values, all projected BLLs are below the 10 µg/dL level of concern, as well as being below the more sensitive 5 µg/dL lead concentration.

Site-Specific Inputs for IEUBK Model

Parameter	Value	Units
Outdoor Air Lead Concentration	3.7E-04	µg Pb / m ³
Drinking Water Lead Concentration	11	µg Pb / L
Soil Lead Concentration	3.2E-06	µg Pb / g

Note: Model inputs that were not site-specific were USEPA default values.



Blood Lead Level for Child (Results from IEUBK Model)

Age of Child (Year)	BLL (µg/dL)	BLL Exceeds 10 µg/dL? (Yes/No)	BLL Exceeds 5 µg/dL? (Yes/No)
0.5-1	1.2	No	No
1-2	1.5	No	No
2-3	1.4	No	No
3-4	1.4	No	No
4-5	1.3	No	No
5-6	1.3	No	No
6-7	1.2	No	No

Note: Full model outputs can be found below in Attachment 1.

Lead Exposure Evaluation for Adults Working Inside and Outside of Camp Justice

The ALM analysis was performed to evaluate the worst-case lead exposure risks for an NSGB worker (and a pregnant worker’s fetus); both inside and outside of Camp Justice work environments were considered. Model inputs included the highest lead values available for inside and outside Camp Justice (from measured and modeled NSGB data), along with the maximum days per year a worker inside and outside of Camp Justice would be at an occupational site. Based on the results of the ALM model, adult workers in both scenarios would have a BLL less than the 10 µg/dL level of concern, and less than the more sensitive 5 µg/dL blood lead concentration. In both scenarios, the probability that a fetal blood concentration would exceed 10 µg/dL was extremely low (0.3%) or zero. With the worst-case lead exposure for an inside of Camp Justice worker, the highest probability that a fetal blood concentration would exceed 5 µg/dL was 5.7%.

Site-Specific Inputs for ALM Model

Scenario	Soil Lead Concentration (µg/g)	Soil Ingestion Rate (g/day)	Exposure Frequency (days/year)
Camp Justice Worker	260	0.100	350
Outside Camp Justice Worker	5.1E-06	0.100	250

Note: All other model inputs were USEPA default values.

Blood Lead Level for Adult Worker and Probability of Fetal Blood Lead Level Exceeding Level of Concern (Results from ALM Model)

Scenario	BLL of Adult Worker, Geometric Mean (µg/dL)	Probability that Fetal BLL Exceeds 10 µg/dL	Probability that Fetal BLL Exceeds 5 µg/dL
Camp Justice Worker	2.2	0.3%	5.7%
Outside Camp Justice Worker	1.0	0.0%	0.2%

Note: Full model outputs can be found below in Attachment 1.



Lead Exposure Conclusion

Based on available data and results from the USEPA IEUBK and ALM models, the lead risks to children and adult workers at NSGB are below levels of concern.

References:

ATSDR 2016. Lead Toxicity – What Are the U.S. Standards for Lead Levels?

<https://www.atsdr.cdc.gov/csem/csem.asp?csem=7&po=8>. Accessed 8 Dec. 2016.

USEPA 1996. Recommendations of the Technical Review Workgroup for Lead for an Interim Approach to Assessing Risks Associated with Adult Exposures to Lead in Soil.

<https://www.epa.gov/superfund/lead-superfund-sites-software-and-users-manuals#recommend>. Adult Lead Methodology model accessed Dec. 2016.

USEPA 2010. IEUBKwin32 (Lead Model Version 1.1, Build11) [Computer Software]. (2010). Retrieved from <https://www.epa.gov/superfund/lead-superfund-sites-software-and-users-manuals#integrated>.

USEPA 2016. Lead at Superfund Sites: Risk Assessment. <https://www.epa.gov/superfund/lead-superfund-sites-risk-assessment>. Accessed 8 Dec. 2016.

LEAD MODEL FOR WINDOWS Version 1.1

=====
Model Version: 1.1 Build11

User Name:

Date:

Site Name:

Operable Unit:

Run Mode: Research
=====

***** Air *****

Indoor Air Pb Concentration: 30.000 percent of outdoor.

Other Air Parameters:

Age	Time Outdoors (hours)	Ventilation Rate (m ³ /day)	Lung Absorption (%)	Outdoor Air Pb Conc (µg Pb/m ³)
.5-1	1.000	2.000	32.000	0.000
1-2	2.000	3.000	32.000	0.000
2-3	3.000	5.000	32.000	0.000
3-4	4.000	5.000	32.000	0.000
4-5	4.000	5.000	32.000	0.000
5-6	4.000	7.000	32.000	0.000
6-7	4.000	7.000	32.000	0.000

***** Diet *****

Age	Diet Intake(µg/day)
.5-1	2.260
1-2	1.960
2-3	2.130
3-4	2.040
4-5	1.950
5-6	2.050
6-7	2.220

***** Drinking Water *****

Water Consumption:

Age Water (L/day)

.5-1	0.200
1-2	0.500
2-3	0.520
3-4	0.530
4-5	0.550
5-6	0.580
6-7	0.590

Drinking Water Concentration: 11.000 µg Pb/L

***** Soil & Dust *****

Multiple Source Analysis Used

Average multiple source concentration: 0.037 µg/g

Mass fraction of outdoor soil to indoor dust conversion factor: 0.700

Outdoor airborne lead to indoor household dust lead concentration: 100.000

Use alternate indoor dust Pb sources? No

Age	Soil ($\mu\text{g Pb/g}$)	House Dust ($\mu\text{g Pb/g}$)
.5-1	0.000	0.037
1-2	0.000	0.037
2-3	0.000	0.037
3-4	0.000	0.037
4-5	0.000	0.037
5-6	0.000	0.037
6-7	0.000	0.037

***** Alternate Intake *****

Age	Alternate ($\mu\text{g Pb/day}$)
.5-1	0.000
1-2	0.000
2-3	0.000
3-4	0.000
4-5	0.000
5-6	0.000
6-7	0.000

***** Maternal Contribution: Infant Model *****

Maternal Blood Concentration: 1.000 $\mu\text{g Pb/dL}$

CALCULATED BLOOD LEAD AND LEAD UPTAKES:

Year	Air ($\mu\text{g/day}$)	Diet ($\mu\text{g/day}$)	Alternate ($\mu\text{g/day}$)	Water ($\mu\text{g/day}$)
.5-1	0.000	1.103	0.000	1.073
1-2	0.000	0.950	0.000	2.665
2-3	0.000	1.035	0.000	2.780
3-4	0.000	0.996	0.000	2.845
4-5	0.000	0.954	0.000	2.961
5-6	0.000	1.005	0.000	3.127
6-7	0.000	1.089	0.000	3.184

Year	Soil+Dust ($\mu\text{g/day}$)	Total ($\mu\text{g/day}$)	Blood ($\mu\text{g/dL}$)
.5-1	0.001	2.176	1.2
1-2	0.001	3.615	1.5
2-3	0.001	3.817	1.4
3-4	0.001	3.842	1.4
4-5	0.001	3.916	1.3
5-6	0.001	4.133	1.3
6-7	0.001	4.274	1.2

Calculations of Preliminary Remediation Goals (PRGs)

Calculations of Blood Lead Concentrations (PbBs)

U.S. EPA Technical Review Workgroup for Lead, Adult Lead Committee

Version date 6/21/09

EDIT RED CELLS

Variable	Description of Variable	Units	GSDi and PbBo from Analysis of NHANES 1999-2004
PbS	Soil lead concentration	ug/g or ppm	260
$R_{\text{fetal/maternal}}$	Fetal/maternal PbB ratio	--	0.9
BKSF	Biokinetic Slope Factor	ug/dL per ug/day	0.4
GSD_i	Geometric standard deviation PbB	--	1.8
PbB_0	Baseline PbB	ug/dL	1.0
IR_S	Soil ingestion rate (including soil-derived indoor dust)	g/day	0.100
IR_{S+D}	Total ingestion rate of outdoor soil and indoor dust	g/day	--
W_S	Weighting factor; fraction of IR_{S+D} ingested as outdoor soil	--	--
K_{SD}	Mass fraction of soil in dust	--	--
$AF_{S,D}$	Absorption fraction (same for soil and dust)	--	0.12
$EF_{S,D}$	Exposure frequency (same for soil and dust)	days/yr	350
$AT_{S,D}$	Averaging time (same for soil and dust)	days/yr	365
PbB_{adult}	PbB of adult worker, geometric mean	ug/dL	2.2
$PbB_{\text{fetal}, 0.95}$	95th percentile PbB among fetuses of adult workers	ug/dL	5.2
PbB_t	Target PbB level of concern (e.g., 10 ug/dL)	ug/dL	5.0
$P(PbB_{\text{fetal}} > PbB_t)$	Probability that fetal PbB > PbB_t, assuming lognormal distribution	%	5.7%

Calculations of Preliminary Remediation Goals (PRGs)

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BKSF	Biokinetic Slope Factor	ug/dL per ug/day	0.4
GSD_i	Geometric standard deviation PbB	--	1.8
PbB_0	Baseline PbB	ug/dL	1.0
IR_S	Soil ingestion rate (including soil-derived indoor dust)	g/day	0.100
IR_{S+D}	Total ingestion rate of outdoor soil and indoor dust	g/day	--
W_S	Weighting factor; fraction of IR_{S+D} ingested as outdoor soil	--	--
K_{SD}	Mass fraction of soil in dust	--	--
$AF_{S,D}$	Absorption fraction (same for soil and dust)	--	0.12
$EF_{S,D}$	Exposure frequency (same for soil and dust)	days/yr	350
$AT_{S,D}$	Averaging time (same for soil and dust)	days/yr	365
PbB_{adult}	PbB of adult worker, geometric mean	ug/dL	2.2
$PbB_{\text{fetal}, 0.95}$	95th percentile PbB among fetuses of adult workers	ug/dL	5.2
PbB_t	Target PbB level of concern (e.g., 10 ug/dL)	ug/dL	10.0
$P(PbB_{\text{fetal}} > PbB_t)$	Probability that fetal PbB > PbB_t, assuming lognormal distribution	%	0.3%

Calculations of Preliminary Remediation Goals (PRGs)

Calculations of Blood Lead Concentrations (PbBs)

U.S. EPA Technical Review Workgroup for Lead, Adult Lead Committee

Version date 6/21/09

EDIT RED CELLS

Variable	Description of Variable	Units	GSDi and PbBo from Analysis of NHANES 1999-2004
PbS	Soil lead concentration	ug/g or ppm	5.10E-06
$R_{\text{fetal/maternal}}$	Fetal/maternal PbB ratio	--	0.9
BKSF	Biokinetic Slope Factor	ug/dL per ug/day	0.4
GSD_1	Geometric standard deviation PbB	--	1.8
PbB_0	Baseline PbB	ug/dL	1.0
IR_S	Soil ingestion rate (including soil-derived indoor dust)	g/day	0.100
IR_{S+D}	Total ingestion rate of outdoor soil and indoor dust	g/day	--
W_S	Weighting factor; fraction of IR_{S+D} ingested as outdoor soil	--	--
K_{SD}	Mass fraction of soil in dust	--	--
$AF_{S,D}$	Absorption fraction (same for soil and dust)	--	0.12
$EF_{S,D}$	Exposure frequency (same for soil and dust)	days/yr	250
$AT_{S,D}$	Averaging time (same for soil and dust)	days/yr	365
PbB_{adult}	PbB of adult worker, geometric mean	ug/dL	1.0
$PbB_{\text{fetal}, 0.95}$	95th percentile PbB among fetuses of adult workers	ug/dL	2.4
PbB_t	Target PbB level of concern (e.g., 10 ug/dL)	ug/dL	5.0
$P(PbB_{\text{fetal}} > PbB_t)$	Probability that fetal PbB > PbB_t, assuming lognormal distribution	%	0.2%

Calculations of Preliminary Remediation Goals (PRGs)

Calculations of Blood Lead Concentrations (PbBs)

U.S. EPA Technical Review Workgroup for Lead, Adult Lead Committee

Version date 6/21/09

EDIT RED CELLS

Variable	Description of Variable	Units	GSDi and PbBo from Analysis of NHANES 1999-2004
PbS	Soil lead concentration	ug/g or ppm	5.10E-06
$R_{\text{fetal/maternal}}$	Fetal/maternal PbB ratio	--	0.9
BKSF	Biokinetic Slope Factor	ug/dL per ug/day	0.4
GSD_1	Geometric standard deviation PbB	--	1.8
PbB_0	Baseline PbB	ug/dL	1.0
IR_S	Soil ingestion rate (including soil-derived indoor dust)	g/day	0.100
IR_{S+D}	Total ingestion rate of outdoor soil and indoor dust	g/day	--
W_S	Weighting factor; fraction of IR_{S+D} ingested as outdoor soil	--	--
K_{SD}	Mass fraction of soil in dust	--	--
$AF_{S,D}$	Absorption fraction (same for soil and dust)	--	0.12
$EF_{S,D}$	Exposure frequency (same for soil and dust)	days/yr	250
$AT_{S,D}$	Averaging time (same for soil and dust)	days/yr	365
PbB_{adult}	PbB of adult worker, geometric mean	ug/dL	1.0
$PbB_{\text{fetal}, 0.95}$	95th percentile PbB among fetuses of adult workers	ug/dL	2.4
PbB_t	Target PbB level of concern (e.g., 10 ug/dL)	ug/dL	10.0
$P(PbB_{\text{fetal}} > PbB_t)$	Probability that fetal PbB > PbB_t, assuming lognormal distribution	%	0.0%



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Appendix J

ATSDR ToxFAQs™ for Select COPCs



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This fact sheet answers the most frequently asked health questions (FAQs) about arsenic. For more information, call the CDC Information Center at 1-800-232-4636. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It is important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to higher than average levels of arsenic occur mostly in the workplace, near hazardous waste sites, or in areas with high natural levels. At high levels, inorganic arsenic can cause death. Exposure to lower levels for a long time can cause a discoloration of the skin and the appearance of small corns or warts. Arsenic has been found in at least 1,149 of the 1,684 National Priority List (NPL) sites identified by the Environmental Protection Agency (EPA).

What is arsenic?

Arsenic is a naturally occurring element widely distributed in the earth's crust. In the environment, arsenic is combined with oxygen, chlorine, and sulfur to form inorganic arsenic compounds. Arsenic in animals and plants combines with carbon and hydrogen to form organic arsenic compounds.

Inorganic arsenic compounds are mainly used to preserve wood. Copper chromated arsenate (CCA) is used to make "pressure-treated" lumber. CCA is no longer used in the U.S. for residential uses; it is still used in industrial applications. Organic arsenic compounds are used as pesticides, primarily on cotton fields and orchards.

What happens to arsenic when it enters the environment?

- Arsenic occurs naturally in soil and minerals and may enter the air, water, and land from wind-blown dust and may get into water from runoff and leaching.
- Arsenic cannot be destroyed in the environment. It can only change its form.
- Rain and snow remove arsenic dust particles from the air.
- Many common arsenic compounds can dissolve in water. Most of the arsenic in water will ultimately end up in soil or sediment.
- Fish and shellfish can accumulate arsenic; most of this arsenic is in an organic form called arsenobetaine that is much less harmful.

How might I be exposed to arsenic?

- Ingesting small amounts present in your food and water or breathing air containing arsenic.
- Breathing sawdust or burning smoke from wood treated with arsenic.
- Living in areas with unusually high natural levels of arsenic in rock.
- Working in a job that involves arsenic production or use, such as copper or lead smelting, wood treating, or pesticide application.

How can arsenic affect my health?

Breathing high levels of inorganic arsenic can give you a sore throat or irritated lungs.

Ingesting very high levels of arsenic can result in death. Exposure to lower levels can cause nausea and vomiting, decreased production of red and white blood cells, abnormal heart rhythm, damage to blood vessels, and a sensation of "pins and needles" in hands and feet.

Ingesting or breathing low levels of inorganic arsenic for a long time can cause a darkening of the skin and the appearance of small "corns" or "warts" on the palms, soles, and torso.

Skin contact with inorganic arsenic may cause redness and swelling.

Almost nothing is known regarding health effects of organic arsenic compounds in humans. Studies in animals show that some simple organic arsenic

Arsenic

CAS # 7440-38-2

compounds are less toxic than inorganic forms. Ingestion of methyl and dimethyl compounds can cause diarrhea and damage to the kidneys.

How likely is arsenic to cause cancer?

Several studies have shown that ingestion of inorganic arsenic can increase the risk of skin cancer and cancer in the liver, bladder, and lungs. Inhalation of inorganic arsenic can cause increased risk of lung cancer. The Department of Health and Human Services (DHHS) and the EPA have determined that inorganic arsenic is a known human carcinogen. The International Agency for Research on Cancer (IARC) has determined that inorganic arsenic is carcinogenic to humans.

How can arsenic affect children?

There is some evidence that long-term exposure to arsenic in children may result in lower IQ scores. There is also some evidence that exposure to arsenic in the womb and early childhood may increase mortality in young adults.

There is some evidence that inhaled or ingested arsenic can injure pregnant women or their unborn babies, although the studies are not definitive. Studies in animals show that large doses of arsenic that cause illness in pregnant females, can also cause low birth weight, fetal malformations, and even fetal death. Arsenic can cross the placenta and has been found in fetal tissues. Arsenic is found at low levels in breast milk.

How can families reduce the risks of exposure to arsenic?

- If you use arsenic-treated wood in home projects, you should wear dust masks, gloves, and protective clothing to decrease exposure to sawdust.
- If you live in an area with high levels of arsenic in water or soil, you should use cleaner sources of water and limit contact with soil.

- If you work in a job that may expose you to arsenic, be aware that you may carry arsenic home on your clothing, skin, hair, or tools. Be sure to shower and change clothes before going home.

Is there a medical test to determine whether I've been exposed to arsenic?

There are tests available to measure arsenic in your blood, urine, hair, and fingernails. The urine test is the most reliable test for arsenic exposure within the last few days. Tests on hair and fingernails can measure exposure to high levels of arsenic over the past 6-12 months. These tests can determine if you have been exposed to above-average levels of arsenic. They cannot predict whether the arsenic levels in your body will affect your health.

Has the federal government made recommendations to protect human health?

The EPA has set limits on the amount of arsenic that industrial sources can release to the environment and has restricted or cancelled many of the uses of arsenic in pesticides. EPA has set a limit of 0.01 parts per million (ppm) for arsenic in drinking water.

The Occupational Safety and Health Administration (OSHA) has set a permissible exposure limit (PEL) of 10 micrograms of arsenic per cubic meter of workplace air ($10 \mu\text{g}/\text{m}^3$) for 8 hour shifts and 40 hour work weeks.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 2007. Toxicological Profile for Arsenic (Update). Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information?

For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology and Human Health Sciences, 1600 Clifton Road NE, Mailstop F-57, Atlanta, GA 30329-4027.

Phone: 1-800-232-4636

ToxFAQs™ Internet address via WWW is <http://www.atsdr.cdc.gov/toxfaqs/index.asp>.

ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

This fact sheet answers the most frequently asked health questions (FAQs) about formaldehyde. For more information, call the CDC Information Center at 1-800-232-4636. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It is important that you understand this information because this substance may cause harm to you if you are exposed to it. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Everyone is exposed to small amounts of formaldehyde in air and some foods and products. Formaldehyde can cause irritation of the eyes, nose, and throat and neurological effects. Formaldehyde has been found in at least 29 of the 1,669 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is formaldehyde?

At room temperature, formaldehyde is a colorless, flammable gas that has a distinct, pungent smell. Small amounts of formaldehyde are naturally produced by plants, animals, and humans.

It is used in the production of fertilizer, paper, plywood, and urea-formaldehyde resins. It is also used as a preservative in some foods and in many house-hold products, such as antiseptics, medicines, and cosmetics.

What happens to formaldehyde when it enters the environment?

- Once formaldehyde is in the air, it is quickly broken down, usually within hours.
- Formaldehyde dissolves easily but does not last a long time in water.
- Formaldehyde evaporates from shallow soils.
- Formaldehyde does not build up in plants and animals.

How might I be exposed to formaldehyde?

- The primary way you can be exposed to formaldehyde is by breathing air containing it.
- Releases of formaldehyde into the air occur from industries using or manufacturing formaldehyde, wood products (such as particle-board, plywood, and furniture), automobile exhaust, cigarette smoke, paints and varnishes, and carpets and permanent press fabrics.
- Indoor air contains higher levels of formaldehyde than outdoor air. Levels of formaldehyde measured

in indoor air range from 0.02–4 parts per million (ppm). Formaldehyde levels in outdoor air range from 0.0002 to 0.006 ppm in rural and suburban areas and 0.001 to 0.02 ppm in urban areas.

- Breathing contaminated workplace air. The highest potential exposure occurs in the formaldehyde-based resins industry.

How can formaldehyde affect my health?

Nasal and eye irritation, neurological effects, and increased risk of asthma and/or allergy have been observed in humans breathing 0.1 to 0.5 ppm. Eczema and changes in lung function have been observed at 0.6 to 1.9 ppm.

Decreased body weight, gastrointestinal ulcers, liver and kidney damage were observed in animals orally exposed to 50–100 milligrams/kilogram/day (mg/kg/day) formaldehyde.

How likely is formaldehyde to cause cancer?

The Department of Health and Human Services (HHS) determined in 2011 that formaldehyde is a known human carcinogen based on sufficient human and animal inhalation studies.

How can formaldehyde affect children?

A small number of studies have looked at the health effects of formaldehyde in children. It is very likely that breathing formaldehyde will result in nose and eye irritation. We do not know if the irritation would occur at lower concentrations in children than in adults.

Formaldehyde

CAS # 50-00-0

There is some evidence of asthma or asthma-like symptoms for children exposed to formaldehyde in homes.

Animal studies have suggested that formaldehyde will not cause birth defects in humans.

How can families reduce the risk of exposure to formaldehyde?

- Formaldehyde is usually found in the air, and levels are usually higher indoors than outdoors. Opening windows and using fans to bring fresh air indoors are the easiest ways to lower levels in the house. Not smoking and not using unvented heaters indoors can lower the formaldehyde levels.
- Formaldehyde is given off from a number of products used in the home. Removing formaldehyde sources in the home can reduce exposure. Providing fresh air, sealing unfinished manufactured wood surfaces, and washing new permanent press clothing before wearing can help lower exposure.

Is there a medical test to show whether I've been exposed to formaldehyde?

Formaldehyde cannot be reliably measured in blood, urine, or body tissues following exposure. Formaldehyde is produced in the body and would be present as a normal constituent in body tissues and fluids.

Has the federal government made recommendations to protect human health?

The US EPA has determined that exposure to formaldehyde in drinking water at concentrations of 10 milligrams/liter (mg/L) for 1 day or 5 mg/L for 10 days is not expected to cause any adverse effects in children.

The US EPA has also determined that a lifetime exposure to 1 mg/L of formaldehyde in drinking water is not expected to cause any adverse health effects.

The Occupational Health and Safety Administration (OSHA) has limited workers' exposure to an average of 0.75 ppm for an 8-hour workday, 40-hour workweek.

The U.S. Department of Housing and Urban Development (HUD) has set standards for formaldehyde emissions in manufactured housing of less than 0.2 ppm for plywood and 0.3 ppm for particle board. The HUD standards are designed to provide an ambient air level of 0.4 ppm or less in manufactured housing.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1999. Toxicological Profile for Formaldehyde. Addendum to the Profile for Formaldehyde. 2010. Atlanta, GA: U.S. Department of Public Health and Human Services, Public Health Service.

Where can I get more information?

For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology and Human Health Sciences, 1600 Clifton Road NE, Mailstop F-57, Atlanta, GA 30329-4027.

Phone: 1-800-232-4636.

ToxFAQs™ on the web: www.atsdr.cdc.gov/toxFAQs.

ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

Polycyclic Aromatic Hydrocarbons (PAHs) - ToxFAQs™

This fact sheet answers the most frequently asked health questions (FAQs) about polycyclic aromatic hydrocarbons (PAHs). For more information, call the CDC Information Center at 1-800-232-4636. This fact sheet is one in a series of summaries about hazardous substances and their health effects. This information is important because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to polycyclic aromatic hydrocarbons usually occurs by breathing air contaminated by wild fires or coal tar, or by eating foods that have been grilled. PAHs have been found in at least 600 of the 1,430 National Priorities List (NPL) sites identified by the Environmental Protection Agency (EPA).

What are polycyclic aromatic hydrocarbons?

(Pronounced pŏl'ī-sī'klīk ār'ə-măt'īk hī'drə-kar'bənz)

Polycyclic aromatic hydrocarbons (PAHs) are a group of over 100 different chemicals that are formed during the incomplete burning of coal, oil and gas, garbage, or other organic substances like tobacco or charbroiled meat. PAHs are usually found as a mixture containing two or more of these compounds, such as soot.

Some PAHs are manufactured. These pure PAHs usually exist as colorless, white, or pale yellow-green solids. PAHs are found in coal tar, crude oil, creosote, and roofing tar, but a few are used in medicines or to make dyes, plastics, and pesticides.

What happens to PAHs when they enter the environment?

- PAHs enter the air mostly as releases from volcanoes, forest fires, burning coal, and automobile exhaust.
- PAHs can occur in air attached to dust particles.
- Some PAH particles can readily evaporate into the air from soil or surface waters.
- PAHs can break down by reacting with sunlight and other chemicals in the air, over a period of days to weeks.
- PAHs enter water through discharges from industrial and wastewater treatment plants.

- Most PAHs do not dissolve easily in water. They stick to solid particles and settle to the bottoms of lakes or rivers.
- Microorganisms can break down PAHs in soil or water after a period of weeks to months.
- In soils, PAHs are most likely to stick tightly to particles; certain PAHs move through soil to contaminate underground water.
- PAH contents of plants and animals may be much higher than PAH contents of soil or water in which they live.

How might I be exposed to PAHs?

- Breathing air containing PAHs in the workplace of coking, coal-tar, and asphalt production plants; smokehouses; and municipal trash incineration facilities.
- Breathing air containing PAHs from cigarette smoke, wood smoke, vehicle exhausts, asphalt roads, or agricultural burn smoke.
- Coming in contact with air, water, or soil near hazardous waste sites.
- Eating grilled or charred meats; contaminated cereals, flour, bread, vegetables, fruits, meats; and processed or pickled foods.
- Drinking contaminated water or cow's milk.
- Nursing infants of mothers living near hazardous waste sites may be exposed to PAHs through their mother's milk.

Polycyclic Aromatic Hydrocarbons

How can PAHs affect my health?

Mice that were fed high levels of one PAH during pregnancy had difficulty reproducing and so did their offspring. These offspring also had higher rates of birth defects and lower body weights. It is not known whether these effects occur in people.

Animal studies have also shown that PAHs can cause harmful effects on the skin, body fluids, and ability to fight disease after both short- and long-term exposure. But these effects have not been seen in people.

How likely are PAHs to cause cancer?

The Department of Health and Human Services (DHHS) has determined that some PAHs may reasonably be expected to be carcinogens.

Some people who have breathed or touched mixtures of PAHs and other chemicals for long periods of time have developed cancer. Some PAHs have caused cancer in laboratory animals when they breathed air containing them (lung cancer), ingested them in food (stomach cancer), or had them applied to their skin (skin cancer).

Is there a medical test to show whether I've been exposed to PAHs?

In the body, PAHs are changed into chemicals that can attach to substances within the body. There are special tests that can detect PAHs attached to these substances in body tissues or blood. However, these tests cannot tell whether any health effects will occur or find out the extent or source of your exposure to the PAHs. The tests aren't usually available in your doctor's office because special equipment is needed to conduct them.

Where can I get more information?

For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology and Human Health Sciences, 1600 Clifton Road NE, Mailstop F-57, Atlanta, GA 30329-4027.

Phone: 1-800-232-4636.

ToxFAQs™ Internet address via WWW is <http://www.atsdr.cdc.gov/toxfaqs/index.asp>.

ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

Has the federal government made recommendations to protect human health?

The Occupational Safety and Health Administration (OSHA) has set a limit of 0.2 milligrams of PAHs per cubic meter of air (0.2 mg/m³). The OSHA Permissible Exposure Limit (PEL) for mineral oil mist that contains PAHs is 5 mg/m³ averaged over an 8-hour exposure period.

The National Institute for Occupational Safety and Health (NIOSH) recommends that the average workplace air levels for coal tar products not exceed 0.1 mg/m³ for a 10-hour workday, within a 40-hour workweek. There are other limits for workplace exposure for things that contain PAHs, such as coal, coal tar, and mineral oil.

Glossary

Carcinogen: A substance that can cause cancer.

Ingest: Take food or drink into your body.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1995. Toxicological profile for polycyclic aromatic hydrocarbons. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.



Appendix K

Cancer Risk and Hazard Index Risk Drivers by Exposure Pathway and Chemical

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Introduction

The tables presented in this appendix summarize the cancer risks and noncancer hazard indices presented in Appendix H by the exposure pathways and chemicals responsible for the majority of the risk. These tables are presented in the same order as the tables presented in Appendix H to facilitate comparison of the results between the two appendices. For example, Table K-1 corresponds to Table H-385, Table K-2 corresponds to Table H-386, and Table K-3 corresponds to Table H-387.

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Table K-1 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	2.1E-10	0%
Inhalation of Outdoor Air	3.8E-09	0%
Dermal Contact with Soil	6.6E-08	5%
Ingestion of Soil	8.3E-08	6%
Inhalation of Indoor Air	1.1E-06	88%
Grand Total	1.3E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Chloroform	9.0E-09	1%
Benzene	1.0E-08	1%
Benzo(b)fluoranthene	1.1E-08	1%
1,2-Dichloroethane	1.3E-08	1%
1,3-Butadiene	1.4E-08	1%
Carbon tetrachloride	1.4E-08	1%
2,6-Dinitrotoluene	3.0E-08	2%
Arsenic	4.3E-08	3%
Benzo(a)pyrene	5.3E-08	4%
Formaldehyde	1.1E-06	84%

Table K-2 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	5.6E-04	0%
Inhalation of Outdoor Air	1.0E-03	0%
Dermal Contact with Soil	4.3E-03	1%
Ingestion of Soil	1.4E-01	18%
Inhalation of Indoor Air	6.2E-01	81%
Grand Total	7.6E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,6-Dinitrotoluene	4.7E-03	1%
1,2-Dichloroethane	5.0E-03	1%
Arsenic	6.8E-03	1%
Aluminum	7.9E-03	1%
Thallium (Soluble Salts)	1.1E-02	1%
1,3-Butadiene	1.6E-02	2%
Nickel	2.0E-02	3%
Iron	2.4E-02	3%
Cobalt	6.7E-02	9%
Formaldehyde	5.8E-01	78%

Table K-3 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.5E-13	0%
Inhalation of Particulate/Vapors Outdoors at CJ	2.1E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	8.5E-10	0%
Inhalation of Outdoor Air at CJ	3.8E-09	0%
Inhalation of Outdoor Air at Home	3.8E-09	0%
Dermal Contact with Soil at CJ	6.6E-08	3%
Ingestion of Soil at CJ	8.3E-08	4%
Dermal Contact with Soil at Home	9.9E-08	5%
Ingestion of Soil at Home	2.0E-07	9%
Inhalation of Indoor Air at Home	5.8E-07	27%
Inhalation of Indoor Air at CJ	1.1E-06	52%
Grand Total	2.2E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,6-Dinitrotoluene	3.0E-08	1%
Benzo(b)fluoranthene	3.4E-08	2%
Benzene	4.2E-08	2%
Dibenze(a,h)anthracene	4.3E-08	2%
Carbon tetrachloride	4.9E-08	2%
Arsenic	7.1E-08	4%
Bromodichloromethane	1.8E-07	9%
Benzo(a)pyrene	2.2E-07	11%
Chloroform	2.7E-07	14%
Formaldehyde	1.1E-06	53%

Table K-4 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	5.6E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.5E-03	0%
Dermal Contact with Soil at CJ	4.3E-03	0%
Ingestion of Soil at CJ	1.4E-01	11%
Ingestion of Soil at Home	2.6E-01	20%
Inhalation of Indoor Air at Home	2.7E-01	21%
Inhalation of Indoor Air at CJ	6.2E-01	48%
Grand Total	1.3E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzene	1.2E-02	1%
Isopropanol	1.5E-02	1%
1,3-Butadiene	1.6E-02	1%
Thallium (Soluble Salts)	2.7E-02	2%
Aluminum	2.8E-02	2%
Nickel	5.7E-02	5%
Iron	7.8E-02	6%
Cobalt	1.9E-01	16%
Trichloroethene	2.3E-01	18%
Formaldehyde	5.8E-01	47%

Table K-5 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.5E-13	0%
Inhalation of Particulate/Vapors Outdoors at CJ	2.1E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	8.9E-10	0%
Inhalation of Outdoor Air at CJ	3.8E-09	0%
Inhalation of Outdoor Air at Home	3.8E-09	0%
Dermal Contact with Soil at Home	9.8E-09	0%
Ingestion of Soil at Home	4.7E-08	1%
Dermal Contact with Soil at CJ	6.6E-08	1%
Ingestion of Soil at CJ	8.3E-08	1%
Inhalation of Indoor Air at CJ	1.1E-06	13%
Inhalation of Indoor Air at Home	7.4E-06	85%
Grand Total	8.7E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Chloroform	9.8E-09	0%
Benzo(b)fluoranthene	1.1E-08	0%
Benzene	1.2E-08	0%
1,2-Dichloroethane	1.3E-08	0%
1,3-Butadiene	1.4E-08	0%
Carbon tetrachloride	1.5E-08	0%
2,6-Dinitrotoluene	3.0E-08	0%
Benzo(a)pyrene	5.3E-08	1%
Arsenic	9.9E-08	1%
Formaldehyde	8.4E-06	97%

Table K-6 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	5.6E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.5E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.7E-03	0%
Dermal Contact with Soil at CJ	4.3E-03	0%
Ingestion of Soil at CJ	1.4E-01	3%
Ingestion of Soil at Home	2.7E-01	5%
Inhalation of Indoor Air at CJ	6.2E-01	12%
Inhalation of Indoor Air at Home	4.0E+00	80%
Grand Total	5.1E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,6-Dinitrotoluene	4.7E-03	0%
1,2-Dichloroethane	5.2E-03	0%
Arsenic	1.6E-02	0%
1,3-Butadiene	1.6E-02	0%
Thallium (Soluble Salts)	2.5E-02	0%
Aluminum	3.2E-02	1%
Nickel	6.1E-02	1%
Iron	8.1E-02	2%
Cobalt	2.0E-01	4%
Formaldehyde	4.6E+00	91%

Table K-7 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.5E-13	0%
Inhalation of Particulate/Vapors Outdoors at CJ	2.1E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	1.5E-09	0%
Inhalation of Outdoor Air at CJ	3.8E-09	0%
Inhalation of Outdoor Air at Home	3.8E-09	0%
Dermal Contact with Soil at Home	1.9E-08	0%
Ingestion of Soil at Home	4.7E-08	1%
Dermal Contact with Soil at CJ	6.6E-08	1%
Ingestion of Soil at CJ	8.3E-08	1%
Inhalation of Indoor Air at CJ	1.1E-06	18%
Inhalation of Indoor Air at Home	5.0E-06	79%
Grand Total	6.4E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Chloroform	9.8E-09	0%
Benzene	1.2E-08	0%
1,2-Dichloroethane	1.3E-08	0%
1,3-Butadiene	1.4E-08	0%
Benzo(b)fluoranthene	1.5E-08	0%
Carbon tetrachloride	1.5E-08	0%
2,6-Dinitrotoluene	3.0E-08	0%
Arsenic	6.6E-08	1%
Benzo(a)pyrene	9.1E-08	1%
Formaldehyde	6.1E-06	96%

Table K-8 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	5.6E-04	0%
Dermal Contact with Soil at Home	6.1E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.7E-03	0%
Dermal Contact with Soil at CJ	4.3E-03	0%
Ingestion of Soil at CJ	1.4E-01	4%
Ingestion of Soil at Home	3.6E-01	9%
Inhalation of Indoor Air at CJ	6.2E-01	16%
Inhalation of Indoor Air at Home	2.8E+00	71%
Grand Total	3.9E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,6-Dinitrotoluene	4.7E-03	0%
1,2-Dichloroethane	5.2E-03	0%
Arsenic	1.0E-02	0%
Thallium (Soluble Salts)	1.1E-02	0%
1,3-Butadiene	1.6E-02	0%
Aluminum	2.8E-02	1%
Iron	8.6E-02	2%
Nickel	8.8E-02	2%
Cobalt	2.8E-01	7%
Formaldehyde	3.3E+00	86%

Table K-9 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors at Home	1.8E-13	0%
Consumption of Locally Caught Fish	4.5E-13	0%
Dermal Contact with Soil at Home	1.9E-11	0%
Ingestion of Soil at Home	1.3E-10	0%
Inhalation of Particulate/Vapors Outdoors at CJ	2.1E-10	0%
Inhalation of Outdoor Air at CJ	3.8E-09	0%
Inhalation of Outdoor Air at Home	1.8E-08	1%
Inhalation of Indoor Air at Home	5.4E-08	4%
Dermal Contact with Soil at CJ	6.6E-08	5%
Ingestion of Soil at CJ	8.3E-08	6%
Inhalation of Indoor Air at CJ	1.1E-06	83%
Grand Total	1.4E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(b)fluoranthene	1.1E-08	1%
1,2-Dichloroethane	1.3E-08	1%
1,3-Butadiene	1.4E-08	1%
Carbon tetrachloride	1.4E-08	1%
Benzene	1.6E-08	1%
2,6-Dinitrotoluene	3.0E-08	2%
Cobalt	3.2E-08	2%
Arsenic	4.5E-08	3%
Benzo(a)pyrene	5.4E-08	4%
Formaldehyde	1.1E-06	82%

Table K-10 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.2E-07	0%
Dermal Contact with Soil at Home	7.6E-07	0%
Ingestion of Soil at Home	4.0E-05	0%
Inhalation of Particulate/Vapors Outdoors at CJ	5.6E-04	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	4.3E-03	0%
Inhalation of Outdoor Air at Home	2.6E-02	3%
Inhalation of Indoor Air at Home	7.7E-02	9%
Ingestion of Soil at CJ	1.4E-01	16%
Inhalation of Indoor Air at CJ	6.2E-01	72%
Grand Total	8.6E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	8.6E-03	1%
Barium	9.3E-03	1%
Hydrogen cyanide	1.1E-02	1%
Thallium (Soluble Salts)	1.1E-02	1%
Biphenyl	1.6E-02	2%
1,3-Butadiene	1.6E-02	2%
Nickel	2.2E-02	3%
Iron	2.4E-02	3%
Cobalt	1.1E-01	13%
Formaldehyde	5.9E-01	72%

Table K-11 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	5.4E-10	0%
Inhalation of Outdoor Air	3.8E-09	0%
Inhalation of Indoor Air	5.3E-08	2%
Ingestion of Soil	1.1E-06	47%
Dermal Contact with Soil	1.2E-06	51%
Grand Total	2.4E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(k)fluoranthene	1.3E-08	1%
Carbon tetrachloride	1.3E-08	1%
Benzene	1.3E-08	1%
Arsenic	1.4E-08	1%
Dieldrin	3.1E-08	1%
Indeno(1,2,3-cd)pyrene	3.8E-08	2%
Benzo(a)anthracene	1.8E-07	8%
Benzo(b)fluoranthene	2.4E-07	10%
Dibenze(a,h)anthracene	2.9E-07	12%
Benzo(a)pyrene	1.5E-06	64%

Table K-12 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	6.9E-04	0%
Inhalation of Outdoor Air	1.0E-03	1%
Dermal Contact with Soil	1.9E-03	1%
Inhalation of Indoor Air	5.6E-02	32%
Ingestion of Soil	1.2E-01	66%
Grand Total	1.8E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	2.2E-03	1%
Dieldrin	2.7E-03	2%
Benzene	4.0E-03	2%
Aluminum	9.5E-03	5%
1,3-Butadiene	1.4E-02	8%
Isopropanol	1.6E-02	9%
Trichloroethene	1.8E-02	11%
Nickel	2.0E-02	12%
Iron	2.5E-02	14%
Cobalt	6.2E-02	36%

Table K-13 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.5E-13	0%
Inhalation of Particulate/Vapors Outdoors at CJ	5.4E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.9E-09	0%
Inhalation of Outdoor Air at CJ	3.8E-09	0%
Inhalation of Outdoor Air at Home	3.8E-09	0%
Inhalation of Indoor Air at CJ	5.3E-08	2%
Dermal Contact with Soil at Home	9.9E-08	3%
Ingestion of Soil at Home	2.0E-07	6%
Inhalation of Indoor Air at Home	5.8E-07	18%
Ingestion of Soil at CJ	1.1E-06	34%
Dermal Contact with Soil at CJ	1.2E-06	37%
Grand Total	3.3E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	4.2E-08	1%
Benzene	4.4E-08	1%
Carbon tetrachloride	4.8E-08	2%
Indeno(1,2,3-cd)pyrene	4.9E-08	2%
Bromodichloromethane	1.8E-07	6%
Benzo(a)anthracene	1.9E-07	6%
Benzo(b)fluoranthene	2.7E-07	9%
Chloroform	2.7E-07	9%
Dibenze(a,h)anthracene	3.3E-07	11%
Benzo(a)pyrene	1.7E-06	54%

Table K-14 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.9E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.0E-03	0%
Dermal Contact with Soil at CJ	1.9E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.3E-03	0%
Inhalation of Indoor Air at CJ	5.6E-02	8%
Ingestion of Soil at CJ	1.2E-01	17%
Ingestion of Soil at Home	2.6E-01	36%
Inhalation of Indoor Air at Home	2.7E-01	38%
Grand Total	7.1E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Chloroform	8.4E-03	1%
Benzene	1.3E-02	2%
1,3-Butadiene	1.4E-02	2%
Thallium (Soluble Salts)	1.7E-02	2%
Isopropanol	2.7E-02	4%
Aluminum	3.0E-02	4%
Nickel	5.7E-02	8%
Iron	7.8E-02	12%
Cobalt	1.9E-01	28%
Trichloroethene	2.4E-01	36%

Table K-15 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.5E-13	0%
Inhalation of Particulate/Vapors Outdoors at CJ	5.4E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.0E-09	0%
Inhalation of Outdoor Air at CJ	3.8E-09	0%
Inhalation of Outdoor Air at Home	3.8E-09	0%
Dermal Contact with Soil at Home	9.8E-09	0%
Ingestion of Soil at Home	4.7E-08	0%
Inhalation of Indoor Air at CJ	5.3E-08	1%
Ingestion of Soil at CJ	1.1E-06	11%
Dermal Contact with Soil at CJ	1.2E-06	12%
Inhalation of Indoor Air at Home	7.4E-06	75%
Grand Total	9.8E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Carbon tetrachloride	1.5E-08	0%
Benzene	1.5E-08	0%
Dieldrin	3.1E-08	0%
Indeno(1,2,3-cd)pyrene	3.8E-08	0%
Arsenic	7.0E-08	1%
Benzo(a)anthracene	1.8E-07	2%
Benzo(b)fluoranthene	2.4E-07	3%
Dibenze(a,h)anthracene	2.9E-07	3%
Benzo(a)pyrene	1.5E-06	15%
Formaldehyde	7.3E-06	76%

Table K-16 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.9E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.5E-03	0%
Dermal Contact with Soil at CJ	1.9E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.6E-03	0%
Inhalation of Indoor Air at CJ	5.6E-02	1%
Ingestion of Soil at CJ	1.2E-01	3%
Ingestion of Soil at Home	2.7E-01	6%
Inhalation of Indoor Air at Home	4.0E+00	90%
Grand Total	4.5E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	1.1E-02	0%
1,3-Butadiene	1.4E-02	0%
Thallium (Soluble Salts)	1.4E-02	0%
Isopropanol	1.6E-02	0%
Trichloroethene	1.8E-02	0%
Aluminum	3.4E-02	1%
Nickel	6.1E-02	1%
Iron	8.1E-02	2%
Cobalt	1.9E-01	4%
Formaldehyde	4.0E+00	90%

Table K-17 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.5E-13	0%
Inhalation of Particulate/Vapors Outdoors at CJ	5.4E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.5E-09	0%
Inhalation of Outdoor Air at CJ	3.8E-09	0%
Inhalation of Outdoor Air at Home	3.8E-09	0%
Dermal Contact with Soil at Home	1.9E-08	0%
Ingestion of Soil at Home	4.7E-08	1%
Inhalation of Indoor Air at CJ	5.3E-08	1%
Ingestion of Soil at CJ	1.1E-06	15%
Dermal Contact with Soil at CJ	1.2E-06	16%
Inhalation of Indoor Air at Home	5.0E-06	67%
Grand Total	7.4E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Carbon tetrachloride	1.5E-08	0%
Benzene	1.5E-08	0%
Dieldrin	3.1E-08	0%
Arsenic	3.7E-08	0%
Indeno(1,2,3-cd)pyrene	3.8E-08	1%
Benzo(a)anthracene	1.8E-07	2%
Benzo(b)fluoranthene	2.5E-07	3%
Dibenze(a,h)anthracene	2.9E-07	4%
Benzo(a)pyrene	1.5E-06	21%
Formaldehyde	5.0E-06	68%

Table K-18 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Dermal Contact with Soil at Home	6.1E-04	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.9E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	1.9E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	4.5E-03	0%
Inhalation of Indoor Air at CJ	5.6E-02	2%
Ingestion of Soil at CJ	1.2E-01	4%
Ingestion of Soil at Home	3.6E-01	11%
Inhalation of Indoor Air at Home	2.8E+00	83%
Grand Total	3.3E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzene	4.4E-03	0%
Arsenic	5.8E-03	0%
1,3-Butadiene	1.4E-02	0%
Isopropanol	1.6E-02	0%
Trichloroethene	1.8E-02	1%
Aluminum	2.9E-02	1%
Iron	8.6E-02	3%
Nickel	8.8E-02	3%
Cobalt	2.8E-01	8%
Formaldehyde	2.7E+00	84%

Table K-19 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors at Home	1.8E-13	0%
Consumption of Locally Caught Fish	4.5E-13	0%
Dermal Contact with Soil at Home	1.9E-11	0%
Ingestion of Soil at Home	1.3E-10	0%
Inhalation of Particulate/Vapors Outdoors at CJ	5.4E-10	0%
Inhalation of Outdoor Air at CJ	3.8E-09	0%
Inhalation of Outdoor Air at Home	1.8E-08	1%
Inhalation of Indoor Air at CJ	5.3E-08	2%
Inhalation of Indoor Air at Home	5.4E-08	2%
Ingestion of Soil at CJ	1.1E-06	45%
Dermal Contact with Soil at CJ	1.2E-06	49%
Grand Total	2.4E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Carbon tetrachloride	1.3E-08	1%
Arsenic	1.6E-08	1%
Benzene	1.8E-08	1%
Dieldrin	3.1E-08	1%
Cobalt	3.2E-08	1%
Indeno(1,2,3-cd)pyrene	3.9E-08	2%
Benzo(a)anthracene	1.8E-07	8%
Benzo(b)fluoranthene	2.4E-07	10%
Dibenze(a,h)anthracene	2.9E-07	12%
Benzo(a)pyrene	1.5E-06	64%

Table K-20 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.2E-07	0%
Dermal Contact with Soil at Home	7.6E-07	0%
Ingestion of Soil at Home	4.0E-05	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.9E-04	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	1.9E-03	1%
Inhalation of Outdoor Air at Home	2.6E-02	9%
Inhalation of Indoor Air at CJ	5.6E-02	20%
Inhalation of Indoor Air at Home	7.7E-02	27%
Ingestion of Soil at CJ	1.2E-01	42%
Grand Total	2.8E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Barium	9.3E-03	4%
Aluminum	9.5E-03	4%
Hydrogen cyanide	1.1E-02	4%
1,3-Butadiene	1.4E-02	6%
Biphenyl	1.6E-02	7%
Isopropanol	1.6E-02	7%
Trichloroethene	1.8E-02	8%
Nickel	2.2E-02	9%
Iron	2.5E-02	10%
Cobalt	1.0E-01	42%

Table K-21 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	3.2E-10	0%
Inhalation of Outdoor Air	3.8E-09	3%
Dermal Contact with Soil	2.7E-08	22%
Ingestion of Soil	4.3E-08	36%
Inhalation of Indoor Air	4.6E-08	38%
Grand Total	1.2E-07	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Cobalt	1.6E-09	1%
Benzo(a)anthracene	1.8E-09	2%
Benzo(b)fluoranthene	2.6E-09	2%
Dibenze(a,h)anthracene	3.9E-09	3%
Benzene	8.2E-09	7%
1,4-Dioxane	9.1E-09	8%
Carbon tetrachloride	1.2E-08	11%
Chloroform	1.5E-08	13%
Benzo(a)pyrene	1.7E-08	15%
Arsenic	4.3E-08	38%

Table K-22 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Outdoor Air	1.0E-03	0%
Dermal Contact with Soil	2.0E-03	1%
Inhalation of Particulate/Vapors Outdoors	7.0E-03	3%
Inhalation of Indoor Air	2.6E-02	11%
Ingestion of Soil	2.1E-01	85%
Grand Total	2.5E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,4-Dioxane	4.3E-03	2%
Trichloroethene	5.0E-03	2%
Mercury, elemental	6.3E-03	3%
Arsenic	6.8E-03	3%
Isopropanol	1.0E-02	4%
Aluminum	1.1E-02	4%
Thallium (Soluble Salts)	2.7E-02	11%
Nickel	3.0E-02	12%
Iron	3.6E-02	15%
Cobalt	1.1E-01	44%

Table K-23 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.5E-13	0%
Inhalation of Particulate/Vapors Outdoors at CJ	3.2E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	8.5E-10	0%
Inhalation of Outdoor Air at CJ	3.8E-09	0%
Inhalation of Outdoor Air at Home	3.8E-09	0%
Dermal Contact with Soil at CJ	2.7E-08	3%
Ingestion of Soil at CJ	4.3E-08	4%
Inhalation of Indoor Air at CJ	4.6E-08	5%
Dermal Contact with Soil at Home	9.9E-08	10%
Ingestion of Soil at Home	2.0E-07	20%
Inhalation of Indoor Air at Home	5.8E-07	58%
Grand Total	1.0E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Bromoform	2.4E-08	3%
Benzo(b)fluoranthene	2.6E-08	3%
Trichloroethene	2.7E-08	3%
Benzene	3.9E-08	4%
Dibenze(a,h)anthracene	4.5E-08	5%
Carbon tetrachloride	4.7E-08	5%
Arsenic	7.1E-08	8%
Bromodichloromethane	1.8E-07	19%
Benzo(a)pyrene	1.8E-07	20%
Chloroform	2.8E-07	30%

Table K-24 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.0E-03	0%
Dermal Contact with Soil at CJ	2.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at CJ	7.0E-03	1%
Inhalation of Indoor Air at CJ	2.6E-02	3%
Inhalation of Particulate/Vapors Outdoors at Home	4.1E-02	5%
Ingestion of Soil at CJ	2.1E-01	26%
Ingestion of Soil at Home	2.6E-01	31%
Inhalation of Indoor Air at Home	2.7E-01	33%
Grand Total	8.2E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	1.1E-02	1%
Benzene	1.2E-02	1%
Isopropanol	2.1E-02	3%
Aluminum	3.1E-02	4%
Thallium (Soluble Salts)	4.4E-02	6%
Mercury, elemental	4.5E-02	6%
Nickel	6.6E-02	8%
Iron	9.0E-02	11%
Trichloroethene	2.3E-01	29%
Cobalt	2.3E-01	30%

Table K-25 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.5E-13	0%
Inhalation of Particulate/Vapors Outdoors at CJ	3.2E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	8.9E-10	0%
Inhalation of Outdoor Air at Home	3.8E-09	0%
Inhalation of Outdoor Air at CJ	3.8E-09	0%
Dermal Contact with Soil at Home	9.8E-09	0%
Dermal Contact with Soil at CJ	2.7E-08	0%
Ingestion of Soil at CJ	4.3E-08	1%
Inhalation of Indoor Air at CJ	4.6E-08	1%
Ingestion of Soil at Home	4.7E-08	1%
Inhalation of Indoor Air at Home	7.4E-06	98%
Grand Total	7.5E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(b)fluoranthene	2.6E-09	0%
Dibenze(a,h)anthracene	3.9E-09	0%
Cobalt	5.2E-09	0%
1,4-Dioxane	9.1E-09	0%
Benzene	9.5E-09	0%
Carbon tetrachloride	1.4E-08	0%
Chloroform	1.6E-08	0%
Benzo(a)pyrene	1.7E-08	0%
Arsenic	9.9E-08	1%
Formaldehyde	7.3E-06	98%

Table K-26 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.5E-03	0%
Dermal Contact with Soil at CJ	2.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at CJ	7.0E-03	0%
Inhalation of Indoor Air at CJ	2.6E-02	1%
Inhalation of Particulate/Vapors Outdoors at Home	4.1E-02	1%
Ingestion of Soil at CJ	2.1E-01	5%
Ingestion of Soil at Home	2.7E-01	6%
Inhalation of Indoor Air at Home	4.0E+00	88%
Grand Total	4.6E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Trichloroethene	5.0E-03	0%
Isopropanol	1.0E-02	0%
Arsenic	1.6E-02	0%
Aluminum	3.5E-02	1%
Thallium (Soluble Salts)	4.1E-02	1%
Mercury, elemental	4.5E-02	1%
Nickel	7.0E-02	2%
Iron	9.3E-02	2%
Cobalt	2.4E-01	5%
Formaldehyde	4.0E+00	88%

Table K-27 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.5E-13	0%
Inhalation of Particulate/Vapors Outdoors at CJ	3.2E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	1.5E-09	0%
Inhalation of Outdoor Air at Home	3.8E-09	0%
Inhalation of Outdoor Air at CJ	3.8E-09	0%
Dermal Contact with Soil at Home	1.9E-08	0%
Dermal Contact with Soil at CJ	2.7E-08	1%
Ingestion of Soil at CJ	4.3E-08	1%
Inhalation of Indoor Air at CJ	4.6E-08	1%
Ingestion of Soil at Home	4.7E-08	1%
Inhalation of Indoor Air at Home	5.0E-06	96%
Grand Total	5.2E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Dibenze(a,h)anthracene	3.9E-09	0%
Cobalt	5.6E-09	0%
Benzo(b)fluoranthene	6.1E-09	0%
1,4-Dioxane	9.1E-09	0%
Benzene	9.5E-09	0%
Carbon tetrachloride	1.4E-08	0%
Chloroform	1.6E-08	0%
Benzo(a)pyrene	5.6E-08	1%
Arsenic	6.6E-08	1%
Formaldehyde	5.0E-06	96%

Table K-28 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Dermal Contact with Soil at Home	6.1E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	2.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at CJ	7.0E-03	0%
Inhalation of Indoor Air at CJ	2.6E-02	1%
Inhalation of Particulate/Vapors Outdoors at Home	4.2E-02	1%
Ingestion of Soil at CJ	2.1E-01	6%
Ingestion of Soil at Home	3.6E-01	11%
Inhalation of Indoor Air at Home	2.8E+00	81%
Grand Total	3.4E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Trichloroethene	5.0E-03	0%
Isopropanol	1.0E-02	0%
Arsenic	1.0E-02	0%
Thallium (Soluble Salts)	2.7E-02	1%
Aluminum	3.0E-02	1%
Mercury, elemental	4.5E-02	1%
Nickel	9.7E-02	3%
Iron	9.8E-02	3%
Cobalt	3.2E-01	10%
Formaldehyde	2.7E+00	81%

Table K-29 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors at Home	1.8E-13	0%
Consumption of Locally Caught Fish	4.5E-13	0%
Dermal Contact with Soil at Home	1.9E-11	0%
Ingestion of Soil at Home	1.3E-10	0%
Inhalation of Particulate/Vapors Outdoors at CJ	3.2E-10	0%
Inhalation of Outdoor Air at CJ	3.8E-09	2%
Inhalation of Outdoor Air at Home	1.8E-08	9%
Dermal Contact with Soil at CJ	2.7E-08	14%
Ingestion of Soil at CJ	4.3E-08	23%
Inhalation of Indoor Air at CJ	4.6E-08	24%
Inhalation of Indoor Air at Home	5.4E-08	28%
Grand Total	1.9E-07	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Dibenze(a,h)anthracene	4.1E-09	3%
Formaldehyde	5.2E-09	3%
2,3,4,7,8-PeCDF	6.3E-09	4%
1,4-Dioxane	9.1E-09	6%
Carbon tetrachloride	1.2E-08	8%
Benzene	1.3E-08	8%
Chloroform	1.5E-08	9%
Benzo(a)pyrene	1.8E-08	11%
Cobalt	3.2E-08	20%
Arsenic	4.5E-08	28%

Table K-30 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.2E-07	0%
Dermal Contact with Soil at Home	7.6E-07	0%
Ingestion of Soil at Home	4.0E-05	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	2.0E-03	1%
Inhalation of Particulate/Vapors Outdoors at CJ	7.0E-03	2%
Inhalation of Outdoor Air at Home	2.6E-02	7%
Inhalation of Indoor Air at CJ	2.6E-02	8%
Inhalation of Indoor Air at Home	7.7E-02	22%
Ingestion of Soil at CJ	2.1E-01	60%
Grand Total	3.5E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	8.6E-03	3%
Barium	9.3E-03	3%
Isopropanol	1.0E-02	3%
Hydrogen cyanide	1.1E-02	3%
Aluminum	1.1E-02	4%
Biphenyl	1.6E-02	5%
Thallium (Soluble Salts)	2.7E-02	9%
Nickel	3.1E-02	10%
Iron	3.6E-02	12%
Cobalt	1.5E-01	48%

Table K-31 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	6.4E-10	0%
Inhalation of Outdoor Air	3.8E-09	0%
Dermal Contact with Soil	8.8E-08	7%
Ingestion of Soil	2.0E-07	15%
Inhalation of Indoor Air	1.0E-06	78%
Grand Total	1.3E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Ethylbenzene	7.7E-09	1%
1,2-Dichloroethane	8.9E-09	1%
Chloroform	1.3E-08	1%
Dieldrin	1.3E-08	1%
Carbon tetrachloride	1.5E-08	1%
DDE	3.4E-08	3%
Benzo(a)pyrene	3.4E-08	3%
Benzene	9.3E-08	7%
Arsenic	2.0E-07	15%
Formaldehyde	8.9E-07	68%

Table K-32 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	8.9E-04	0%
Inhalation of Outdoor Air	1.0E-03	0%
Dermal Contact with Soil	9.6E-03	1%
Ingestion of Soil	2.2E-01	28%
Inhalation of Indoor Air	5.6E-01	71%
Grand Total	7.9E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,2-Dichloroethane	3.4E-03	0%
Thallium (Soluble Salts)	8.1E-03	1%
Aluminum	1.2E-02	1%
Benzene	2.8E-02	4%
Nickel	2.8E-02	4%
Isopropanol	3.0E-02	4%
Arsenic	3.1E-02	4%
Iron	3.9E-02	5%
Cobalt	1.1E-01	14%
Formaldehyde	4.9E-01	63%

Table K-33 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.5E-13	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.4E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.7E-09	0%
Inhalation of Outdoor Air at CJ	3.8E-09	0%
Inhalation of Outdoor Air at Home	3.8E-09	0%
Dermal Contact with Soil at CJ	8.8E-08	4%
Dermal Contact with Soil at Home	9.9E-08	5%
Ingestion of Soil at Home	2.0E-07	9%
Ingestion of Soil at CJ	2.0E-07	9%
Inhalation of Indoor Air at Home	5.8E-07	26%
Inhalation of Indoor Air at CJ	1.0E-06	47%
Grand Total	2.2E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(b)fluoranthene	2.9E-08	1%
DDE	3.6E-08	2%
Dibenze(a,h)anthracene	4.1E-08	2%
Carbon tetrachloride	4.9E-08	2%
Benzene	1.2E-07	6%
Bromodichloromethane	1.8E-07	9%
Benzo(a)pyrene	2.0E-07	10%
Arsenic	2.2E-07	11%
Chloroform	2.7E-07	13%
Formaldehyde	8.9E-07	44%

Table K-34 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	8.9E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.0E-03	0%
Dermal Contact with Soil at CJ	9.6E-03	1%
Ingestion of Soil at CJ	2.2E-01	17%
Ingestion of Soil at Home	2.6E-01	19%
Inhalation of Indoor Air at Home	2.7E-01	20%
Inhalation of Indoor Air at CJ	5.6E-01	42%
Grand Total	1.3E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Thallium (Soluble Salts)	2.5E-02	2%
Aluminum	3.2E-02	2%
Arsenic	3.5E-02	3%
Benzene	3.7E-02	3%
Isopropanol	4.1E-02	3%
Nickel	6.5E-02	5%
Iron	9.3E-02	7%
Trichloroethene	2.3E-01	18%
Cobalt	2.4E-01	19%
Formaldehyde	4.9E-01	38%

Table K-35 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.5E-13	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.4E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.7E-09	0%
Inhalation of Outdoor Air at CJ	3.8E-09	0%
Inhalation of Outdoor Air at Home	3.8E-09	0%
Dermal Contact with Soil at Home	9.8E-09	0%
Ingestion of Soil at Home	4.7E-08	1%
Dermal Contact with Soil at CJ	8.8E-08	1%
Ingestion of Soil at CJ	2.0E-07	2%
Inhalation of Indoor Air at CJ	1.0E-06	12%
Inhalation of Indoor Air at Home	7.4E-06	84%
Grand Total	8.7E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Ethylbenzene	7.7E-09	0%
1,2-Dichloroethane	9.2E-09	0%
Dieldrin	1.3E-08	0%
Chloroform	1.4E-08	0%
Carbon tetrachloride	1.6E-08	0%
Benzo(a)pyrene	3.4E-08	0%
DDE	3.6E-08	0%
Benzene	9.4E-08	1%
Arsenic	2.5E-07	3%
Formaldehyde	8.2E-06	95%

Table K-36 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	8.9E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.5E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.2E-03	0%
Dermal Contact with Soil at CJ	9.6E-03	0%
Ingestion of Soil at CJ	2.2E-01	4%
Ingestion of Soil at Home	2.7E-01	5%
Inhalation of Indoor Air at CJ	5.6E-01	11%
Inhalation of Indoor Air at Home	4.0E+00	79%
Grand Total	5.1E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,2-Dichloroethane	3.5E-03	0%
Thallium (Soluble Salts)	2.3E-02	0%
Benzene	2.8E-02	1%
Isopropanol	3.0E-02	1%
Aluminum	3.6E-02	1%
Arsenic	3.9E-02	1%
Nickel	6.9E-02	1%
Iron	9.6E-02	2%
Cobalt	2.4E-01	5%
Formaldehyde	4.5E+00	89%

Table K-37 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.5E-13	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.4E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.3E-09	0%
Inhalation of Outdoor Air at CJ	3.8E-09	0%
Inhalation of Outdoor Air at Home	3.8E-09	0%
Dermal Contact with Soil at Home	1.9E-08	0%
Ingestion of Soil at Home	4.7E-08	1%
Dermal Contact with Soil at CJ	8.8E-08	1%
Ingestion of Soil at CJ	2.0E-07	3%
Inhalation of Indoor Air at CJ	1.0E-06	16%
Inhalation of Indoor Air at Home	5.0E-06	78%
Grand Total	6.4E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,2-Dichloroethane	9.2E-09	0%
Benzo(b)fluoranthene	9.5E-09	0%
Dieldrin	1.3E-08	0%
Chloroform	1.4E-08	0%
Carbon tetrachloride	1.6E-08	0%
DDE	3.7E-08	1%
Benzo(a)pyrene	7.3E-08	1%
Benzene	9.4E-08	1%
Arsenic	2.2E-07	3%
Formaldehyde	5.9E-06	92%

Table K-38 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Dermal Contact with Soil at Home	6.1E-04	0%
Inhalation of Particulate/Vapors Outdoors at CJ	8.9E-04	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	4.2E-03	0%
Dermal Contact with Soil at CJ	9.6E-03	0%
Ingestion of Soil at CJ	2.2E-01	6%
Ingestion of Soil at Home	3.6E-01	9%
Inhalation of Indoor Air at CJ	5.6E-01	14%
Inhalation of Indoor Air at Home	2.8E+00	70%
Grand Total	3.9E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,2-Dichloroethane	3.5E-03	0%
Thallium (Soluble Salts)	8.1E-03	0%
Benzene	2.8E-02	1%
Isopropanol	3.0E-02	1%
Aluminum	3.1E-02	1%
Arsenic	3.4E-02	1%
Nickel	9.6E-02	2%
Iron	1.0E-01	3%
Cobalt	3.3E-01	8%
Formaldehyde	3.2E+00	83%

Table K-39 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors at Home	1.8E-13	0%
Consumption of Locally Caught Fish	4.5E-13	0%
Dermal Contact with Soil at Home	1.9E-11	0%
Ingestion of Soil at Home	1.3E-10	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.4E-10	0%
Inhalation of Outdoor Air at CJ	3.8E-09	0%
Inhalation of Outdoor Air at Home	1.8E-08	1%
Inhalation of Indoor Air at Home	5.4E-08	4%
Dermal Contact with Soil at CJ	8.8E-08	6%
Ingestion of Soil at CJ	2.0E-07	14%
Inhalation of Indoor Air at CJ	1.0E-06	74%
Grand Total	1.4E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,2-Dichloroethane	8.9E-09	1%
Chloroform	1.3E-08	1%
Dieldrin	1.3E-08	1%
Carbon tetrachloride	1.5E-08	1%
Cobalt	3.2E-08	2%
DDE	3.4E-08	3%
Benzo(a)pyrene	3.5E-08	3%
Benzene	9.8E-08	7%
Arsenic	2.0E-07	15%
Formaldehyde	9.0E-07	67%

Table K-40 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.2E-07	0%
Dermal Contact with Soil at Home	7.6E-07	0%
Ingestion of Soil at Home	4.0E-05	0%
Inhalation of Particulate/Vapors Outdoors at CJ	8.9E-04	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	9.6E-03	1%
Inhalation of Outdoor Air at Home	2.6E-02	3%
Inhalation of Indoor Air at Home	7.7E-02	9%
Ingestion of Soil at CJ	2.2E-01	25%
Inhalation of Indoor Air at CJ	5.6E-01	63%
Grand Total	8.9E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Hydrogen cyanide	1.1E-02	1%
Aluminum	1.2E-02	1%
Biphenyl	1.6E-02	2%
Benzene	2.9E-02	3%
Isopropanol	3.0E-02	4%
Nickel	3.0E-02	4%
Arsenic	3.2E-02	4%
Iron	3.9E-02	5%
Cobalt	1.5E-01	18%
Formaldehyde	4.9E-01	59%

Table K-41 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	3.5E-13	0%
Inhalation of Particulate/Vapors Outdoors at CJ	9.3E-10	0%
Inhalation of Outdoor Air at CJ	2.5E-08	3%
Dermal Contact with Soil at CJ	7.7E-08	9%
Ingestion of Soil at CJ	1.5E-07	18%
Inhalation of Indoor Air at CJ	6.1E-07	71%
Grand Total	8.7E-07	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,2-Dichloroethane	2.0E-08	2%
Arsenic	2.2E-08	3%
Bromoform	2.5E-08	3%
Trichloroethene	2.8E-08	3%
Dibenze(a,h)anthracene	3.2E-08	4%
Benzene	3.9E-08	5%
Carbon tetrachloride	4.4E-08	5%
Benzo(a)pyrene	1.3E-07	16%
Bromodichloromethane	1.9E-07	23%
Chloroform	2.8E-07	35%

Table K-42 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Dermal Contact with Soil at CJ	1.1E-03	0%
Inhalation of Particulate/Vapors Outdoors at CJ	3.7E-03	1%
Inhalation of Outdoor Air at CJ	8.8E-03	1%
Ingestion of Soil at CJ	2.7E-01	40%
Inhalation of Indoor Air at CJ	3.8E-01	58%
Grand Total	6.6E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,2-Dichloroethane	1.0E-02	2%
Chloroform	1.2E-02	2%
Benzene	1.6E-02	2%
Isopropanol	1.6E-02	3%
Thallium (Soluble Salts)	1.8E-02	3%
Aluminum	2.1E-02	3%
Nickel	3.8E-02	6%
Iron	5.6E-02	9%
Cobalt	1.4E-01	21%
Trichloroethene	3.2E-01	50%

Table K-43 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	2.9E-10	0%
Inhalation of Outdoor Air	3.8E-09	0%
Dermal Contact with Soil	1.9E-07	18%
Ingestion of Soil	2.4E-07	22%
Inhalation of Indoor Air	6.3E-07	59%
Grand Total	1.1E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
DDE	1.0E-09	0%
Cobalt	1.6E-09	0%
Benzo(a)pyrene	5.2E-09	0%
Chloroform	7.9E-09	1%
1,3-Butadiene	9.3E-09	1%
Benzene	1.0E-08	1%
Carbon tetrachloride	1.4E-08	1%
Arsenic	2.6E-08	2%
Chlordecone (Kepone)	4.0E-07	37%
Formaldehyde	5.9E-07	56%

Table K-44 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Outdoor Air	1.0E-03	0%
Dermal Contact with Soil	5.4E-03	1%
Inhalation of Particulate/Vapors Outdoors	1.2E-02	2%
Ingestion of Soil	1.7E-01	31%
Inhalation of Indoor Air	3.5E-01	65%
Grand Total	5.3E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzene	3.1E-03	1%
Arsenic	4.1E-03	1%
Chlordecone (Kepone)	9.2E-03	2%
Aluminum	1.0E-02	2%
1,3-Butadiene	1.1E-02	2%
Mercury, elemental	1.1E-02	2%
Nickel	2.8E-02	5%
Iron	3.2E-02	6%
Cobalt	9.0E-02	17%
Formaldehyde	3.3E-01	62%

Table K-45 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.5E-13	0%
Inhalation of Particulate/Vapors Outdoors at CJ	2.9E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	8.7E-10	0%
Inhalation of Outdoor Air at Home	3.8E-09	0%
Inhalation of Outdoor Air at CJ	3.8E-09	0%
Dermal Contact with Soil at Home	9.9E-08	5%
Dermal Contact with Soil at CJ	1.9E-07	10%
Ingestion of Soil at Home	2.0E-07	10%
Ingestion of Soil at CJ	2.4E-07	12%
Inhalation of Indoor Air at Home	5.8E-07	30%
Inhalation of Indoor Air at CJ	6.3E-07	33%
Grand Total	2.0E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Trichloroethene	2.6E-08	1%
Dibenze(a,h)anthracene	4.1E-08	2%
Benzene	4.2E-08	2%
Carbon tetrachloride	4.9E-08	3%
Arsenic	5.4E-08	3%
Benzo(a)pyrene	1.7E-07	9%
Bromodichloromethane	1.8E-07	10%
Chloroform	2.7E-07	15%
Chlordecone (Kepone)	4.0E-07	22%
Formaldehyde	5.9E-07	33%

Table K-46 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Dermal Contact with Soil at Home	1.0E-03	0%
Dermal Contact with Soil at CJ	5.4E-03	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.2E-02	1%
Inhalation of Particulate/Vapors Outdoors at Home	6.9E-02	6%
Ingestion of Soil at CJ	1.7E-01	15%
Ingestion of Soil at Home	2.6E-01	23%
Inhalation of Indoor Air at Home	2.7E-01	24%
Inhalation of Indoor Air at CJ	3.5E-01	31%
Grand Total	1.1E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzene	1.2E-02	1%
Isopropanol	1.3E-02	1%
Thallium (Soluble Salts)	1.7E-02	2%
Aluminum	3.0E-02	3%
Nickel	6.5E-02	6%
Mercury, elemental	7.9E-02	7%
Iron	8.6E-02	8%
Cobalt	2.2E-01	20%
Trichloroethene	2.2E-01	21%
Formaldehyde	3.3E-01	30%

Table K-47 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.5E-13	0%
Inhalation of Particulate/Vapors Outdoors at CJ	2.9E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	9.1E-10	0%
Inhalation of Outdoor Air at CJ	3.8E-09	0%
Inhalation of Outdoor Air at Home	3.8E-09	0%
Dermal Contact with Soil at Home	9.8E-09	0%
Ingestion of Soil at Home	4.7E-08	1%
Dermal Contact with Soil at CJ	1.9E-07	2%
Ingestion of Soil at CJ	2.4E-07	3%
Inhalation of Indoor Air at CJ	6.3E-07	7%
Inhalation of Indoor Air at Home	7.4E-06	87%
Grand Total	8.5E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
DDE	1.4E-09	0%
Cobalt	5.2E-09	0%
Benzo(a)pyrene	5.2E-09	0%
Chloroform	8.7E-09	0%
1,3-Butadiene	9.3E-09	0%
Benzene	1.2E-08	0%
Carbon tetrachloride	1.5E-08	0%
Arsenic	8.2E-08	1%
Chlordecone (Kepone)	4.0E-07	5%
Formaldehyde	7.9E-06	94%

Table K-48 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Dermal Contact with Soil at Home	1.5E-03	0%
Dermal Contact with Soil at CJ	5.4E-03	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.2E-02	0%
Inhalation of Particulate/Vapors Outdoors at Home	7.0E-02	1%
Ingestion of Soil at CJ	1.7E-01	3%
Ingestion of Soil at Home	2.7E-01	5%
Inhalation of Indoor Air at CJ	3.5E-01	7%
Inhalation of Indoor Air at Home	4.0E+00	82%
Grand Total	4.9E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Chlordecone (Kepone)	9.2E-03	0%
1,3-Butadiene	1.1E-02	0%
Arsenic	1.3E-02	0%
Thallium (Soluble Salts)	1.4E-02	0%
Aluminum	3.5E-02	1%
Nickel	6.9E-02	1%
Mercury, elemental	7.9E-02	2%
Iron	8.9E-02	2%
Cobalt	2.2E-01	4%
Formaldehyde	4.4E+00	89%

Table K-49 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.5E-13	0%
Inhalation of Particulate/Vapors Outdoors at CJ	2.9E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	1.5E-09	0%
Inhalation of Outdoor Air at CJ	3.8E-09	0%
Inhalation of Outdoor Air at Home	3.8E-09	0%
Dermal Contact with Soil at Home	1.9E-08	0%
Ingestion of Soil at Home	4.7E-08	1%
Dermal Contact with Soil at CJ	1.9E-07	3%
Ingestion of Soil at CJ	2.4E-07	4%
Inhalation of Indoor Air at CJ	6.3E-07	10%
Inhalation of Indoor Air at Home	5.0E-06	81%
Grand Total	6.1E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(b)fluoranthene	4.4E-09	0%
Cobalt	5.5E-09	0%
Chloroform	8.7E-09	0%
1,3-Butadiene	9.3E-09	0%
Benzene	1.2E-08	0%
Carbon tetrachloride	1.5E-08	0%
Benzo(a)pyrene	4.4E-08	1%
Arsenic	4.8E-08	1%
Chlordecone (Kepone)	4.0E-07	6%
Formaldehyde	5.6E-06	91%

Table K-50 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Dermal Contact with Soil at Home	6.1E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	5.4E-03	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.2E-02	0%
Inhalation of Particulate/Vapors Outdoors at Home	7.1E-02	2%
Ingestion of Soil at CJ	1.7E-01	5%
Inhalation of Indoor Air at CJ	3.5E-01	9%
Ingestion of Soil at Home	3.6E-01	10%
Inhalation of Indoor Air at Home	2.8E+00	74%
Grand Total	3.7E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzene	3.5E-03	0%
Arsenic	7.7E-03	0%
Chlordecone (Kepone)	9.2E-03	0%
1,3-Butadiene	1.1E-02	0%
Aluminum	3.0E-02	1%
Mercury, elemental	7.9E-02	2%
Iron	9.4E-02	3%
Nickel	9.6E-02	3%
Cobalt	3.1E-01	8%
Formaldehyde	3.1E+00	83%

Table K-51 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors at Home	1.8E-13	0%
Consumption of Locally Caught Fish	4.5E-13	0%
Dermal Contact with Soil at Home	1.9E-11	0%
Ingestion of Soil at Home	1.3E-10	0%
Inhalation of Particulate/Vapors Outdoors at CJ	2.9E-10	0%
Inhalation of Outdoor Air at CJ	3.8E-09	0%
Inhalation of Outdoor Air at Home	1.8E-08	2%
Inhalation of Indoor Air at Home	5.4E-08	5%
Dermal Contact with Soil at CJ	1.9E-07	17%
Ingestion of Soil at CJ	2.4E-07	21%
Inhalation of Indoor Air at CJ	6.3E-07	56%
Grand Total	1.1E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(a)pyrene	6.2E-09	1%
2,3,4,7,8-PeCDF	6.3E-09	1%
Chloroform	7.9E-09	1%
1,3-Butadiene	9.3E-09	1%
Carbon tetrachloride	1.4E-08	1%
Benzene	1.6E-08	1%
Arsenic	2.8E-08	2%
Cobalt	3.2E-08	3%
Chlordecone (Kepone)	4.0E-07	36%
Formaldehyde	6.0E-07	54%

Table K-52 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.2E-07	0%
Dermal Contact with Soil at Home	7.6E-07	0%
Ingestion of Soil at Home	4.0E-05	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	5.4E-03	1%
Inhalation of Particulate/Vapors Outdoors at CJ	1.2E-02	2%
Inhalation of Outdoor Air at Home	2.6E-02	4%
Inhalation of Indoor Air at Home	7.7E-02	12%
Ingestion of Soil at CJ	1.7E-01	26%
Inhalation of Indoor Air at CJ	3.5E-01	55%
Grand Total	6.3E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Barium	9.3E-03	2%
Aluminum	1.0E-02	2%
Hydrogen cyanide	1.1E-02	2%
1,3-Butadiene	1.1E-02	2%
Mercury, elemental	1.1E-02	2%
Biphenyl	1.6E-02	3%
Nickel	3.0E-02	5%
Iron	3.2E-02	6%
Cobalt	1.3E-01	22%
Formaldehyde	3.3E-01	56%

Table K-53 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	4.6E-14	0%
Dermal Contact with Soil	3.1E-11	0%
Ingestion of Soil	1.1E-10	0%
Inhalation of Outdoor Air	5.2E-09	11%
Inhalation of Indoor Air	4.1E-08	89%
Grand Total	4.7E-08	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,3,4,6,7,8-HxCDF	9.8E-10	3%
Arsenic	1.3E-09	3%
Acetaldehyde	1.7E-09	4%
1,2,3,4,7,8-HxCDF	2.0E-09	5%
1,2,3,7,8-PeCDD	3.1E-09	8%
Napthalene	3.3E-09	8%
Formaldehyde	3.7E-09	10%
Benzene	4.1E-09	10%
2,3,4,7,8-PeCDF	5.0E-09	13%
Cobalt	1.4E-08	35%

Table K-54 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	4.5E-08	0%
Dermal Contact with Soil	1.0E-06	0%
Ingestion of Soil	1.8E-05	0%
Inhalation of Outdoor Air	7.4E-03	11%
Inhalation of Indoor Air	5.9E-02	89%
Grand Total	6.6E-02	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Hydrogen Chloride	1.5E-03	3%
Pentachlorobiphenyl	1.8E-03	3%
Formaldehyde	2.1E-03	3%
Napthalene	2.3E-03	4%
Cadmium	2.7E-03	4%
Acetaldehyde	5.9E-03	10%
Barium	6.0E-03	10%
Hydrogen cyanide	8.2E-03	13%
Biphenyl	1.3E-02	21%
Cobalt	1.8E-02	29%

Table K-55 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	2.4E-13	0%
Consumption of Locally Caught Fish	4.5E-13	0%
Dermal Contact with Soil	1.9E-11	0%
Ingestion of Soil	1.3E-10	0%
Inhalation of Outdoor Air	2.5E-08	25%
Inhalation of Indoor Air	7.4E-08	75%
Grand Total	9.8E-08	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,3,7,8-TCDD	1.7E-09	2%
Arsenic	2.3E-09	3%
Acetaldehyde	3.0E-09	3%
1,2,3,4,7,8-HxCDF	3.3E-09	4%
1,2,3,7,8-PeCDD	5.2E-09	6%
Napthalene	5.5E-09	6%
Formaldehyde	6.9E-09	8%
Benzene	6.9E-09	8%
2,3,4,7,8-PeCDF	8.4E-09	10%
Cobalt	4.2E-08	49%

Table K-56 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors	3.0E-07	0%
Dermal Contact with Soil	7.6E-07	0%
Ingestion of Soil	4.0E-05	0%
Inhalation of Outdoor Air	3.5E-02	25%
Inhalation of Indoor Air	1.0E-01	75%
Grand Total	1.4E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Hydrogen Chloride	2.7E-03	2%
Pentachlorobiphenyl	3.1E-03	2%
Napthalene	3.7E-03	3%
Formaldehyde	3.8E-03	3%
Cadmium	4.8E-03	4%
Acetaldehyde	1.0E-02	8%
Barium	1.2E-02	9%
Hydrogen cyanide	1.4E-02	11%
Biphenyl	2.1E-02	16%
Cobalt	5.4E-02	42%

Table K-57 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	5.2E-09	0%
Inhalation of Outdoor Air	9.5E-08	0%
Dermal Contact with Soil	1.6E-06	5%
Ingestion of Soil	2.1E-06	6%
Inhalation of Indoor Air	2.8E-05	88%
Grand Total	3.2E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Chloroform	2.3E-07	1%
Benzene	2.6E-07	1%
Benzo(b)fluoranthene	2.8E-07	1%
1,2-Dichloroethane	3.3E-07	1%
1,3-Butadiene	3.4E-07	1%
Carbon tetrachloride	3.5E-07	1%
2,6-Dinitrotoluene	7.5E-07	2%
Arsenic	1.1E-06	3%
Benzo(a)pyrene	1.3E-06	4%
Formaldehyde	2.7E-05	84%

Table K-58 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	5.6E-04	0%
Inhalation of Outdoor Air	1.0E-03	0%
Dermal Contact with Soil	4.3E-03	1%
Ingestion of Soil	1.4E-01	18%
Inhalation of Indoor Air	6.2E-01	81%
Grand Total	7.6E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,6-Dinitrotoluene	4.7E-03	1%
1,2-Dichloroethane	5.0E-03	1%
Arsenic	6.8E-03	1%
Aluminum	7.9E-03	1%
Thallium (Soluble Salts)	1.1E-02	1%
1,3-Butadiene	1.6E-02	2%
Nickel	2.0E-02	3%
Iron	2.4E-02	3%
Cobalt	6.7E-02	9%
Formaldehyde	5.8E-01	78%

Table K-59 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors at Home	5.7E-13	0%
Consumption of Locally Caught Fish	1.2E-11	0%
Dermal Contact with Soil at Home	5.5E-10	0%
Ingestion of Soil at Home	1.3E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	5.2E-09	0%
Inhalation of Outdoor Air at CJ	9.5E-08	0%
Inhalation of Outdoor Air at Home	4.5E-07	1%
Inhalation of Indoor Air at Home	1.3E-06	4%
Dermal Contact with Soil at CJ	1.6E-06	5%
Ingestion of Soil at CJ	2.1E-06	6%
Inhalation of Indoor Air at CJ	2.8E-05	83%
Grand Total	3.4E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(b)fluoranthene	2.8E-07	1%
1,2-Dichloroethane	3.3E-07	1%
1,3-Butadiene	3.4E-07	1%
Carbon tetrachloride	3.5E-07	1%
Benzene	3.9E-07	1%
2,6-Dinitrotoluene	7.5E-07	2%
Cobalt	8.1E-07	2%
Arsenic	1.1E-06	3%
Benzo(a)pyrene	1.3E-06	4%
Formaldehyde	2.7E-05	82%

Table K-60 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.2E-07	0%
Dermal Contact with Soil at Home	7.6E-07	0%
Ingestion of Soil at Home	4.0E-05	0%
Inhalation of Particulate/Vapors Outdoors at CJ	5.6E-04	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	4.3E-03	0%
Inhalation of Outdoor Air at Home	2.6E-02	3%
Inhalation of Indoor Air at Home	7.7E-02	9%
Ingestion of Soil at CJ	1.4E-01	16%
Inhalation of Indoor Air at CJ	6.2E-01	72%
Grand Total	8.6E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	8.6E-03	1%
Barium	9.3E-03	1%
Hydrogen cyanide	1.1E-02	1%
Thallium (Soluble Salts)	1.1E-02	1%
Biphenyl	1.6E-02	2%
1,3-Butadiene	1.6E-02	2%
Nickel	2.2E-02	3%
Iron	2.4E-02	3%
Cobalt	1.1E-01	13%
Formaldehyde	5.9E-01	72%

Table K-61 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	1.3E-08	0%
Inhalation of Outdoor Air	9.5E-08	0%
Inhalation of Indoor Air	1.3E-06	2%
Ingestion of Soil	2.8E-05	47%
Dermal Contact with Soil	3.0E-05	51%
Grand Total	5.9E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(k)fluoranthene	3.3E-07	1%
Carbon tetrachloride	3.3E-07	1%
Benzene	3.3E-07	1%
Arsenic	3.5E-07	1%
Dieldrin	7.7E-07	1%
Indeno(1,2,3-cd)pyrene	9.6E-07	2%
Benzo(a)anthracene	4.5E-06	8%
Benzo(b)fluoranthene	6.1E-06	10%
Dibenze(a,h)anthracene	7.3E-06	12%
Benzo(a)pyrene	3.8E-05	64%

Table K-62 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	6.9E-04	0%
Inhalation of Outdoor Air	1.0E-03	1%
Dermal Contact with Soil	1.9E-03	1%
Inhalation of Indoor Air	5.6E-02	32%
Ingestion of Soil	1.2E-01	66%
Grand Total	1.8E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	2.2E-03	1%
Dieldrin	2.7E-03	2%
Benzene	4.0E-03	2%
Aluminum	9.5E-03	5%
1,3-Butadiene	1.4E-02	8%
Isopropanol	1.6E-02	9%
Trichloroethene	1.8E-02	11%
Nickel	2.0E-02	12%
Iron	2.5E-02	14%
Cobalt	6.2E-02	36%

Table K-63 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors at Home	5.7E-13	0%
Consumption of Locally Caught Fish	1.2E-11	0%
Dermal Contact with Soil at Home	5.5E-10	0%
Ingestion of Soil at Home	1.3E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.3E-08	0%
Inhalation of Outdoor Air at CJ	9.5E-08	0%
Inhalation of Outdoor Air at Home	4.5E-07	1%
Inhalation of Indoor Air at CJ	1.3E-06	2%
Inhalation of Indoor Air at Home	1.3E-06	2%
Ingestion of Soil at CJ	2.8E-05	45%
Dermal Contact with Soil at CJ	3.0E-05	49%
Grand Total	6.1E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Carbon tetrachloride	3.3E-07	1%
Arsenic	4.0E-07	1%
Benzene	4.6E-07	1%
Dieldrin	7.7E-07	1%
Cobalt	8.1E-07	1%
Indeno(1,2,3-cd)pyrene	9.6E-07	2%
Benzo(a)anthracene	4.5E-06	8%
Benzo(b)fluoranthene	6.1E-06	10%
Dibenze(a,h)anthracene	7.3E-06	12%
Benzo(a)pyrene	3.8E-05	64%

Table K-64 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.2E-07	0%
Dermal Contact with Soil at Home	7.6E-07	0%
Ingestion of Soil at Home	4.0E-05	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.9E-04	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	1.9E-03	1%
Inhalation of Outdoor Air at Home	2.6E-02	9%
Inhalation of Indoor Air at CJ	5.6E-02	20%
Inhalation of Indoor Air at Home	7.7E-02	27%
Ingestion of Soil at CJ	1.2E-01	42%
Grand Total	2.8E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Barium	9.3E-03	4%
Aluminum	9.5E-03	4%
Hydrogen cyanide	1.1E-02	4%
1,3-Butadiene	1.4E-02	6%
Biphenyl	1.6E-02	7%
Isopropanol	1.6E-02	7%
Trichloroethene	1.8E-02	8%
Nickel	2.2E-02	9%
Iron	2.5E-02	10%
Cobalt	1.0E-01	42%

Table K-65 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	7.9E-09	0%
Inhalation of Outdoor Air	9.5E-08	3%
Dermal Contact with Soil	6.7E-07	22%
Ingestion of Soil	1.1E-06	36%
Inhalation of Indoor Air	1.2E-06	38%
Grand Total	3.0E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Cobalt	4.0E-08	1%
Benzo(a)anthracene	4.5E-08	2%
Benzo(b)fluoranthene	6.5E-08	2%
Dibenze(a,h)anthracene	9.9E-08	3%
Benzene	2.1E-07	7%
1,4-Dioxane	2.3E-07	8%
Carbon tetrachloride	3.1E-07	11%
Chloroform	3.8E-07	13%
Benzo(a)pyrene	4.2E-07	15%
Arsenic	1.1E-06	38%

Table K-66 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Outdoor Air	1.0E-03	0%
Dermal Contact with Soil	2.0E-03	1%
Inhalation of Particulate/Vapors Outdoors	7.0E-03	3%
Inhalation of Indoor Air	2.6E-02	11%
Ingestion of Soil	2.1E-01	85%
Grand Total	2.5E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,4-Dioxane	4.3E-03	2%
Trichloroethene	5.0E-03	2%
Mercury, elemental	6.3E-03	3%
Arsenic	6.8E-03	3%
Isopropanol	1.0E-02	4%
Aluminum	1.1E-02	4%
Thallium (Soluble Salts)	2.7E-02	11%
Nickel	3.0E-02	12%
Iron	3.6E-02	15%
Cobalt	1.1E-01	44%

Table K-67 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors at Home	5.7E-13	0%
Consumption of Locally Caught Fish	1.2E-11	0%
Dermal Contact with Soil at Home	5.5E-10	0%
Ingestion of Soil at Home	1.3E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	7.9E-09	0%
Inhalation of Outdoor Air at CJ	9.5E-08	2%
Inhalation of Outdoor Air at Home	4.5E-07	9%
Dermal Contact with Soil at CJ	6.7E-07	14%
Ingestion of Soil at CJ	1.1E-06	23%
Inhalation of Indoor Air at CJ	1.2E-06	24%
Inhalation of Indoor Air at Home	1.3E-06	28%
Grand Total	4.8E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Dibenze(a,h)anthracene	1.0E-07	3%
Formaldehyde	1.3E-07	3%
2,3,4,7,8-PeCDF	1.6E-07	4%
1,4-Dioxane	2.3E-07	6%
Carbon tetrachloride	3.1E-07	8%
Benzene	3.3E-07	8%
Chloroform	3.8E-07	9%
Benzo(a)pyrene	4.5E-07	11%
Cobalt	8.1E-07	20%
Arsenic	1.1E-06	28%

Table K-68 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.2E-07	0%
Dermal Contact with Soil at Home	7.6E-07	0%
Ingestion of Soil at Home	4.0E-05	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	2.0E-03	1%
Inhalation of Particulate/Vapors Outdoors at CJ	7.0E-03	2%
Inhalation of Outdoor Air at Home	2.6E-02	7%
Inhalation of Indoor Air at CJ	2.6E-02	8%
Inhalation of Indoor Air at Home	7.7E-02	22%
Ingestion of Soil at CJ	2.1E-01	60%
Grand Total	3.5E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	8.6E-03	3%
Barium	9.3E-03	3%
Isopropanol	1.0E-02	3%
Hydrogen cyanide	1.1E-02	3%
Aluminum	1.1E-02	4%
Biphenyl	1.6E-02	5%
Thallium (Soluble Salts)	2.7E-02	9%
Nickel	3.1E-02	10%
Iron	3.6E-02	12%
Cobalt	1.5E-01	48%

Table K-69 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	1.6E-08	0%
Inhalation of Outdoor Air	9.5E-08	0%
Dermal Contact with Soil	2.2E-06	7%
Ingestion of Soil	5.0E-06	15%
Inhalation of Indoor Air	2.6E-05	78%
Grand Total	3.3E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Ethylbenzene	1.9E-07	1%
1,2-Dichloroethane	2.2E-07	1%
Chloroform	3.2E-07	1%
Dieldrin	3.3E-07	1%
Carbon tetrachloride	3.7E-07	1%
DDE	8.4E-07	3%
Benzo(a)pyrene	8.4E-07	3%
Benzene	2.3E-06	7%
Arsenic	4.9E-06	15%
Formaldehyde	2.2E-05	68%

Table K-70 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	8.9E-04	0%
Inhalation of Outdoor Air	1.0E-03	0%
Dermal Contact with Soil	9.6E-03	1%
Ingestion of Soil	2.2E-01	28%
Inhalation of Indoor Air	5.6E-01	71%
Grand Total	7.9E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,2-Dichloroethane	3.4E-03	0%
Thallium (Soluble Salts)	8.1E-03	1%
Aluminum	1.2E-02	1%
Benzene	2.8E-02	4%
Nickel	2.8E-02	4%
Isopropanol	3.0E-02	4%
Arsenic	3.1E-02	4%
Iron	3.9E-02	5%
Cobalt	1.1E-01	14%
Formaldehyde	4.9E-01	63%

Table K-71 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors at Home	5.7E-13	0%
Consumption of Locally Caught Fish	1.2E-11	0%
Dermal Contact with Soil at Home	5.5E-10	0%
Ingestion of Soil at Home	1.3E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.6E-08	0%
Inhalation of Outdoor Air at CJ	9.5E-08	0%
Inhalation of Outdoor Air at Home	4.5E-07	1%
Inhalation of Indoor Air at Home	1.3E-06	4%
Dermal Contact with Soil at CJ	2.2E-06	6%
Ingestion of Soil at CJ	5.0E-06	14%
Inhalation of Indoor Air at CJ	2.6E-05	74%
Grand Total	3.5E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,2-Dichloroethane	2.2E-07	1%
Chloroform	3.2E-07	1%
Dieldrin	3.3E-07	1%
Carbon tetrachloride	3.7E-07	1%
Cobalt	8.1E-07	2%
DDE	8.4E-07	3%
Benzo(a)pyrene	8.7E-07	3%
Benzene	2.4E-06	7%
Arsenic	4.9E-06	15%
Formaldehyde	2.2E-05	67%

Table K-72 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.2E-07	0%
Dermal Contact with Soil at Home	7.6E-07	0%
Ingestion of Soil at Home	4.0E-05	0%
Inhalation of Particulate/Vapors Outdoors at CJ	8.9E-04	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	9.6E-03	1%
Inhalation of Outdoor Air at Home	2.6E-02	3%
Inhalation of Indoor Air at Home	7.7E-02	9%
Ingestion of Soil at CJ	2.2E-01	25%
Inhalation of Indoor Air at CJ	5.6E-01	63%
Grand Total	8.9E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Hydrogen cyanide	1.1E-02	1%
Aluminum	1.2E-02	1%
Biphenyl	1.6E-02	2%
Benzene	2.9E-02	3%
Isopropanol	3.0E-02	4%
Nickel	3.0E-02	4%
Arsenic	3.2E-02	4%
Iron	3.9E-02	5%
Cobalt	1.5E-01	18%
Formaldehyde	4.9E-01	59%

Table K-73 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	7.2E-09	0%
Inhalation of Outdoor Air	9.5E-08	0%
Dermal Contact with Soil	4.8E-06	18%
Ingestion of Soil	5.9E-06	22%
Inhalation of Indoor Air	1.6E-05	59%
Grand Total	2.7E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
DDE	2.5E-08	0%
Cobalt	4.0E-08	0%
Benzo(a)pyrene	1.3E-07	0%
Chloroform	2.0E-07	1%
1,3-Butadiene	2.3E-07	1%
Benzene	2.6E-07	1%
Carbon tetrachloride	3.5E-07	1%
Arsenic	6.5E-07	2%
Chlordecone (Kepone)	9.9E-06	37%
Formaldehyde	1.5E-05	56%

Table K-74 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Outdoor Air	1.0E-03	0%
Dermal Contact with Soil	5.4E-03	1%
Inhalation of Particulate/Vapors Outdoors	1.2E-02	2%
Ingestion of Soil	1.7E-01	31%
Inhalation of Indoor Air	3.5E-01	65%
Grand Total	5.3E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzene	3.1E-03	1%
Arsenic	4.1E-03	1%
Chlordecone (Kepone)	9.2E-03	2%
Aluminum	1.0E-02	2%
1,3-Butadiene	1.1E-02	2%
Mercury, elemental	1.1E-02	2%
Nickel	2.8E-02	5%
Iron	3.2E-02	6%
Cobalt	9.0E-02	17%
Formaldehyde	3.3E-01	62%

Table K-75 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors at Home	5.7E-13	0%
Consumption of Locally Caught Fish	1.2E-11	0%
Dermal Contact with Soil at Home	5.5E-10	0%
Ingestion of Soil at Home	1.3E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	7.2E-09	0%
Inhalation of Outdoor Air at CJ	9.5E-08	0%
Inhalation of Outdoor Air at Home	4.5E-07	2%
Inhalation of Indoor Air at Home	1.3E-06	5%
Dermal Contact with Soil at CJ	4.8E-06	17%
Ingestion of Soil at CJ	5.9E-06	21%
Inhalation of Indoor Air at CJ	1.6E-05	56%
Grand Total	2.9E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,3,4,7,8-PeCDF	1.6E-07	1%
Benzo(a)pyrene	1.6E-07	1%
Chloroform	2.0E-07	1%
1,3-Butadiene	2.3E-07	1%
Carbon tetrachloride	3.5E-07	1%
Benzene	3.9E-07	1%
Arsenic	6.9E-07	2%
Cobalt	8.1E-07	3%
Chlordecone (Kepone)	9.9E-06	36%
Formaldehyde	1.5E-05	54%

Table K-76 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.2E-07	0%
Dermal Contact with Soil at Home	7.6E-07	0%
Ingestion of Soil at Home	4.0E-05	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	5.4E-03	1%
Inhalation of Particulate/Vapors Outdoors at CJ	1.2E-02	2%
Inhalation of Outdoor Air at Home	2.6E-02	4%
Inhalation of Indoor Air at Home	7.7E-02	12%
Ingestion of Soil at CJ	1.7E-01	26%
Inhalation of Indoor Air at CJ	3.5E-01	55%
Grand Total	6.3E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Barium	9.3E-03	2%
Aluminum	1.0E-02	2%
Hydrogen cyanide	1.1E-02	2%
1,3-Butadiene	1.1E-02	2%
Mercury, elemental	1.1E-02	2%
Biphenyl	1.6E-02	3%
Nickel	3.0E-02	5%
Iron	3.2E-02	6%
Cobalt	1.3E-01	22%
Formaldehyde	3.3E-01	56%

Table K-77 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	2.0E-13	0%
Dermal Contact with Soil	8.7E-10	0%
Ingestion of Soil	9.9E-10	0%
Inhalation of Outdoor Air	1.3E-07	11%
Inhalation of Indoor Air	1.0E-06	89%
Grand Total	1.2E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,3,4,6,7,8-HxCDF	2.4E-08	3%
Arsenic	3.3E-08	3%
Acetaldehyde	4.2E-08	4%
1,2,3,4,7,8-HxCDF	4.9E-08	5%
1,2,3,7,8-PeCDD	7.8E-08	8%
Napthalene	8.2E-08	8%
Formaldehyde	9.3E-08	10%
Benzene	1.0E-07	10%
2,3,4,7,8-PeCDF	1.2E-07	13%
Cobalt	3.4E-07	35%

Table K-78 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	4.5E-08	0%
Dermal Contact with Soil	1.0E-06	0%
Ingestion of Soil	1.8E-05	0%
Inhalation of Outdoor Air	7.4E-03	11%
Inhalation of Indoor Air	5.9E-02	89%
Grand Total	6.6E-02	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Hydrogen Chloride	1.5E-03	3%
Pentachlorobiphenyl	1.8E-03	3%
Formaldehyde	2.1E-03	3%
Napthalene	2.3E-03	4%
Cadmium	2.7E-03	4%
Acetaldehyde	5.9E-03	10%
Barium	6.0E-03	10%
Hydrogen cyanide	8.2E-03	13%
Biphenyl	1.3E-02	21%
Cobalt	1.8E-02	29%

Table K-79 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	7.8E-13	0%
Consumption of Locally Caught Fish	1.2E-11	0%
Dermal Contact with Soil	5.5E-10	0%
Ingestion of Soil	1.3E-09	0%
Inhalation of Outdoor Air	6.1E-07	25%
Inhalation of Indoor Air	1.8E-06	75%
Grand Total	2.5E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,3,7,8-TCDD	4.3E-08	2%
Arsenic	5.9E-08	3%
Acetaldehyde	7.4E-08	3%
1,2,3,4,7,8-HxCDF	8.2E-08	4%
1,2,3,7,8-PeCDD	1.3E-07	6%
Napthalene	1.4E-07	6%
Formaldehyde	1.7E-07	8%
Benzene	1.7E-07	8%
2,3,4,7,8-PeCDF	2.1E-07	10%
Cobalt	1.0E-06	49%

Table K-80 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors	3.0E-07	0%
Dermal Contact with Soil	7.6E-07	0%
Ingestion of Soil	4.0E-05	0%
Inhalation of Outdoor Air	3.5E-02	25%
Inhalation of Indoor Air	1.0E-01	75%
Grand Total	1.4E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Hydrogen Chloride	2.7E-03	2%
Pentachlorobiphenyl	3.1E-03	2%
Napthalene	3.7E-03	3%
Formaldehyde	3.8E-03	3%
Cadmium	4.8E-03	4%
Acetaldehyde	1.0E-02	8%
Barium	1.2E-02	9%
Hydrogen cyanide	1.4E-02	11%
Biphenyl	2.1E-02	16%
Cobalt	5.4E-02	42%

Table K-81 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	6.3E-10	0%
Inhalation of Outdoor Air	1.1E-08	0%
Dermal Contact with Soil	2.0E-07	5%
Ingestion of Soil	2.5E-07	6%
Inhalation of Indoor Air	3.4E-06	88%
Grand Total	3.8E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Chloroform	2.7E-08	1%
Benzene	3.1E-08	1%
Benzo(b)fluoranthene	3.4E-08	1%
1,2-Dichloroethane	3.9E-08	1%
1,3-Butadiene	4.1E-08	1%
Carbon tetrachloride	4.2E-08	1%
2,6-Dinitrotoluene	9.0E-08	2%
Arsenic	1.3E-07	3%
Benzo(a)pyrene	1.6E-07	4%
Formaldehyde	3.2E-06	84%

Table K-82 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	5.6E-04	0%
Inhalation of Outdoor Air	1.0E-03	0%
Dermal Contact with Soil	4.3E-03	1%
Ingestion of Soil	1.4E-01	18%
Inhalation of Indoor Air	6.2E-01	81%
Grand Total	7.6E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,6-Dinitrotoluene	4.7E-03	1%
1,2-Dichloroethane	5.0E-03	1%
Arsenic	6.8E-03	1%
Aluminum	7.9E-03	1%
Thallium (Soluble Salts)	1.1E-02	1%
1,3-Butadiene	1.6E-02	2%
Nickel	2.0E-02	3%
Iron	2.4E-02	3%
Cobalt	6.7E-02	9%
Formaldehyde	5.8E-01	78%

Table K-83 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	1.3E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.3E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.5E-09	0%
Inhalation of Outdoor Air at CJ	1.1E-08	0%
Inhalation of Outdoor Air at Home	1.1E-08	0%
Dermal Contact with Soil at CJ	2.0E-07	3%
Ingestion of Soil at CJ	2.5E-07	4%
Dermal Contact with Soil at Home	3.0E-07	5%
Ingestion of Soil at Home	5.9E-07	9%
Inhalation of Indoor Air at Home	1.7E-06	27%
Inhalation of Indoor Air at CJ	3.4E-06	52%
Grand Total	6.5E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,6-Dinitrotoluene	9.0E-08	1%
Benzo(b)fluoranthene	1.0E-07	2%
Benzene	1.2E-07	2%
Dibenze(a,h)anthracene	1.3E-07	2%
Carbon tetrachloride	1.5E-07	2%
Arsenic	2.1E-07	4%
Bromodichloromethane	5.4E-07	9%
Benzo(a)pyrene	6.5E-07	11%
Chloroform	8.1E-07	14%
Formaldehyde	3.2E-06	53%

Table K-84 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	5.6E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.5E-03	0%
Dermal Contact with Soil at CJ	4.3E-03	0%
Ingestion of Soil at CJ	1.4E-01	11%
Ingestion of Soil at Home	2.6E-01	20%
Inhalation of Indoor Air at Home	2.7E-01	21%
Inhalation of Indoor Air at CJ	6.2E-01	48%
Grand Total	1.3E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzene	1.2E-02	1%
Isopropanol	1.5E-02	1%
1,3-Butadiene	1.6E-02	1%
Thallium (Soluble Salts)	2.7E-02	2%
Aluminum	2.8E-02	2%
Nickel	5.7E-02	5%
Iron	7.8E-02	6%
Cobalt	1.9E-01	16%
Trichloroethene	2.3E-01	18%
Formaldehyde	5.8E-01	47%

Table K-85 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	1.3E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.3E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.7E-09	0%
Inhalation of Outdoor Air at CJ	1.1E-08	0%
Inhalation of Outdoor Air at Home	1.1E-08	0%
Dermal Contact with Soil at Home	2.9E-08	0%
Ingestion of Soil at Home	1.4E-07	1%
Dermal Contact with Soil at CJ	2.0E-07	1%
Ingestion of Soil at CJ	2.5E-07	1%
Inhalation of Indoor Air at CJ	3.4E-06	13%
Inhalation of Indoor Air at Home	2.2E-05	85%
Grand Total	2.6E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Chloroform	2.9E-08	0%
Benzo(b)fluoranthene	3.4E-08	0%
Benzene	3.5E-08	0%
1,2-Dichloroethane	4.0E-08	0%
1,3-Butadiene	4.1E-08	0%
Carbon tetrachloride	4.6E-08	0%
2,6-Dinitrotoluene	9.0E-08	0%
Benzo(a)pyrene	1.6E-07	1%
Arsenic	3.0E-07	1%
Formaldehyde	2.5E-05	97%

Table K-86 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	5.6E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.5E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.7E-03	0%
Dermal Contact with Soil at CJ	4.3E-03	0%
Ingestion of Soil at CJ	1.4E-01	3%
Ingestion of Soil at Home	2.7E-01	5%
Inhalation of Indoor Air at CJ	6.2E-01	12%
Inhalation of Indoor Air at Home	4.0E+00	80%
Grand Total	5.1E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,6-Dinitrotoluene	4.7E-03	0%
1,2-Dichloroethane	5.2E-03	0%
Arsenic	1.6E-02	0%
1,3-Butadiene	1.6E-02	0%
Thallium (Soluble Salts)	2.5E-02	0%
Aluminum	3.2E-02	1%
Nickel	6.1E-02	1%
Iron	8.1E-02	2%
Cobalt	2.0E-01	4%
Formaldehyde	4.6E+00	91%

Table K-87 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	1.3E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.3E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	4.4E-09	0%
Inhalation of Outdoor Air at CJ	1.1E-08	0%
Inhalation of Outdoor Air at Home	1.1E-08	0%
Dermal Contact with Soil at Home	5.7E-08	0%
Ingestion of Soil at Home	1.4E-07	1%
Dermal Contact with Soil at CJ	2.0E-07	1%
Ingestion of Soil at CJ	2.5E-07	1%
Inhalation of Indoor Air at CJ	3.4E-06	18%
Inhalation of Indoor Air at Home	1.5E-05	79%
Grand Total	1.9E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Chloroform	2.9E-08	0%
Benzene	3.5E-08	0%
1,2-Dichloroethane	4.0E-08	0%
1,3-Butadiene	4.1E-08	0%
Benzo(b)fluoranthene	4.4E-08	0%
Carbon tetrachloride	4.6E-08	0%
2,6-Dinitrotoluene	9.0E-08	0%
Arsenic	2.0E-07	1%
Benzo(a)pyrene	2.7E-07	1%
Formaldehyde	1.8E-05	96%

Table K-88 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	5.6E-04	0%
Dermal Contact with Soil at Home	6.1E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.7E-03	0%
Dermal Contact with Soil at CJ	4.3E-03	0%
Ingestion of Soil at CJ	1.4E-01	4%
Ingestion of Soil at Home	3.6E-01	9%
Inhalation of Indoor Air at CJ	6.2E-01	16%
Inhalation of Indoor Air at Home	2.8E+00	71%
Grand Total	3.9E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,6-Dinitrotoluene	4.7E-03	0%
1,2-Dichloroethane	5.2E-03	0%
Arsenic	1.0E-02	0%
Thallium (Soluble Salts)	1.1E-02	0%
1,3-Butadiene	1.6E-02	0%
Aluminum	2.8E-02	1%
Iron	8.6E-02	2%
Nickel	8.8E-02	2%
Cobalt	2.8E-01	7%
Formaldehyde	3.3E+00	86%

Table K-89 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors at Home	5.3E-13	0%
Consumption of Locally Caught Fish	1.3E-12	0%
Dermal Contact with Soil at Home	5.7E-11	0%
Ingestion of Soil at Home	4.0E-10	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.3E-10	0%
Inhalation of Outdoor Air at CJ	1.1E-08	0%
Inhalation of Outdoor Air at Home	5.4E-08	1%
Inhalation of Indoor Air at Home	1.6E-07	4%
Dermal Contact with Soil at CJ	2.0E-07	5%
Ingestion of Soil at CJ	2.5E-07	6%
Inhalation of Indoor Air at CJ	3.4E-06	83%
Grand Total	4.1E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(b)fluoranthene	3.4E-08	1%
1,2-Dichloroethane	3.9E-08	1%
1,3-Butadiene	4.1E-08	1%
Carbon tetrachloride	4.2E-08	1%
Benzene	4.7E-08	1%
2,6-Dinitrotoluene	9.0E-08	2%
Cobalt	9.7E-08	2%
Arsenic	1.3E-07	3%
Benzo(a)pyrene	1.6E-07	4%
Formaldehyde	3.2E-06	82%

Table K-90 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.2E-07	0%
Dermal Contact with Soil at Home	7.6E-07	0%
Ingestion of Soil at Home	4.0E-05	0%
Inhalation of Particulate/Vapors Outdoors at CJ	5.6E-04	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	4.3E-03	0%
Inhalation of Outdoor Air at Home	2.6E-02	3%
Inhalation of Indoor Air at Home	7.7E-02	9%
Ingestion of Soil at CJ	1.4E-01	16%
Inhalation of Indoor Air at CJ	6.2E-01	72%
Grand Total	8.6E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	8.6E-03	1%
Barium	9.3E-03	1%
Hydrogen cyanide	1.1E-02	1%
Thallium (Soluble Salts)	1.1E-02	1%
Biphenyl	1.6E-02	2%
1,3-Butadiene	1.6E-02	2%
Nickel	2.2E-02	3%
Iron	2.4E-02	3%
Cobalt	1.1E-01	13%
Formaldehyde	5.9E-01	72%

Table K-91 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	1.6E-09	0%
Inhalation of Outdoor Air	1.1E-08	0%
Inhalation of Indoor Air	1.6E-07	2%
Ingestion of Soil	3.3E-06	47%
Dermal Contact with Soil	3.6E-06	51%
Grand Total	7.1E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(k)fluoranthene	3.9E-08	1%
Carbon tetrachloride	4.0E-08	1%
Benzene	4.0E-08	1%
Arsenic	4.2E-08	1%
Dieldrin	9.2E-08	1%
Indeno(1,2,3-cd)pyrene	1.2E-07	2%
Benzo(a)anthracene	5.4E-07	8%
Benzo(b)fluoranthene	7.3E-07	10%
Dibenze(a,h)anthracene	8.7E-07	12%
Benzo(a)pyrene	4.5E-06	64%

Table K-92 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	6.9E-04	0%
Inhalation of Outdoor Air	1.0E-03	1%
Dermal Contact with Soil	1.9E-03	1%
Inhalation of Indoor Air	5.6E-02	32%
Ingestion of Soil	1.2E-01	66%
Grand Total	1.8E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	2.2E-03	1%
Dieldrin	2.7E-03	2%
Benzene	4.0E-03	2%
Aluminum	9.5E-03	5%
1,3-Butadiene	1.4E-02	8%
Isopropanol	1.6E-02	9%
Trichloroethene	1.8E-02	11%
Nickel	2.0E-02	12%
Iron	2.5E-02	14%
Cobalt	6.2E-02	36%

Table K-93 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	1.3E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.6E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	8.7E-09	0%
Inhalation of Outdoor Air at CJ	1.1E-08	0%
Inhalation of Outdoor Air at Home	1.1E-08	0%
Inhalation of Indoor Air at CJ	1.6E-07	2%
Dermal Contact with Soil at Home	3.0E-07	3%
Ingestion of Soil at Home	5.9E-07	6%
Inhalation of Indoor Air at Home	1.7E-06	18%
Ingestion of Soil at CJ	3.3E-06	34%
Dermal Contact with Soil at CJ	3.6E-06	37%
Grand Total	9.8E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	1.3E-07	1%
Benzene	1.3E-07	1%
Carbon tetrachloride	1.4E-07	2%
Indeno(1,2,3-cd)pyrene	1.5E-07	2%
Bromodichloromethane	5.4E-07	6%
Benzo(a)anthracene	5.8E-07	6%
Benzo(b)fluoranthene	8.0E-07	9%
Chloroform	8.2E-07	9%
Dibenze(a,h)anthracene	1.0E-06	11%
Benzo(a)pyrene	5.0E-06	54%

Table K-94 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.9E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.0E-03	0%
Dermal Contact with Soil at CJ	1.9E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.3E-03	0%
Inhalation of Indoor Air at CJ	5.6E-02	8%
Ingestion of Soil at CJ	1.2E-01	17%
Ingestion of Soil at Home	2.6E-01	36%
Inhalation of Indoor Air at Home	2.7E-01	38%
Grand Total	7.1E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Chloroform	8.4E-03	1%
Benzene	1.3E-02	2%
1,3-Butadiene	1.4E-02	2%
Thallium (Soluble Salts)	1.7E-02	2%
Isopropanol	2.7E-02	4%
Aluminum	3.0E-02	4%
Nickel	5.7E-02	8%
Iron	7.8E-02	12%
Cobalt	1.9E-01	28%
Trichloroethene	2.4E-01	36%

Table K-95 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	1.3E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.6E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	8.9E-09	0%
Inhalation of Outdoor Air at CJ	1.1E-08	0%
Inhalation of Outdoor Air at Home	1.1E-08	0%
Dermal Contact with Soil at Home	2.9E-08	0%
Ingestion of Soil at Home	1.4E-07	0%
Inhalation of Indoor Air at CJ	1.6E-07	1%
Ingestion of Soil at CJ	3.3E-06	11%
Dermal Contact with Soil at CJ	3.6E-06	12%
Inhalation of Indoor Air at Home	2.2E-05	75%
Grand Total	2.9E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Carbon tetrachloride	4.4E-08	0%
Benzene	4.4E-08	0%
Dieldrin	9.2E-08	0%
Indeno(1,2,3-cd)pyrene	1.2E-07	0%
Arsenic	2.1E-07	1%
Benzo(a)anthracene	5.4E-07	2%
Benzo(b)fluoranthene	7.3E-07	3%
Dibenzo(a,h)anthracene	8.7E-07	3%
Benzo(a)pyrene	4.5E-06	15%
Formaldehyde	2.2E-05	76%

Table K-96 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.9E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.5E-03	0%
Dermal Contact with Soil at CJ	1.9E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.6E-03	0%
Inhalation of Indoor Air at CJ	5.6E-02	1%
Ingestion of Soil at CJ	1.2E-01	3%
Ingestion of Soil at Home	2.7E-01	6%
Inhalation of Indoor Air at Home	4.0E+00	90%
Grand Total	4.5E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	1.1E-02	0%
1,3-Butadiene	1.4E-02	0%
Thallium (Soluble Salts)	1.4E-02	0%
Isopropanol	1.6E-02	0%
Trichloroethene	1.8E-02	0%
Aluminum	3.4E-02	1%
Nickel	6.1E-02	1%
Iron	8.1E-02	2%
Cobalt	1.9E-01	4%
Formaldehyde	4.0E+00	90%

Table K-97 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	1.3E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.6E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	1.1E-08	0%
Inhalation of Outdoor Air at CJ	1.1E-08	0%
Inhalation of Outdoor Air at Home	1.1E-08	0%
Dermal Contact with Soil at Home	5.7E-08	0%
Ingestion of Soil at Home	1.4E-07	1%
Inhalation of Indoor Air at CJ	1.6E-07	1%
Ingestion of Soil at CJ	3.3E-06	15%
Dermal Contact with Soil at CJ	3.6E-06	16%
Inhalation of Indoor Air at Home	1.5E-05	67%
Grand Total	2.2E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Carbon tetrachloride	4.4E-08	0%
Benzene	4.4E-08	0%
Dieldrin	9.2E-08	0%
Arsenic	1.1E-07	0%
Indeno(1,2,3-cd)pyrene	1.2E-07	1%
Benzo(a)anthracene	5.4E-07	2%
Benzo(b)fluoranthene	7.4E-07	3%
Dibenze(a,h)anthracene	8.7E-07	4%
Benzo(a)pyrene	4.6E-06	21%
Formaldehyde	1.5E-05	68%

Table K-98 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Dermal Contact with Soil at Home	6.1E-04	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.9E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	1.9E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	4.5E-03	0%
Inhalation of Indoor Air at CJ	5.6E-02	2%
Ingestion of Soil at CJ	1.2E-01	4%
Ingestion of Soil at Home	3.6E-01	11%
Inhalation of Indoor Air at Home	2.8E+00	83%
Grand Total	3.3E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzene	4.4E-03	0%
Arsenic	5.8E-03	0%
1,3-Butadiene	1.4E-02	0%
Isopropanol	1.6E-02	0%
Trichloroethene	1.8E-02	1%
Aluminum	2.9E-02	1%
Iron	8.6E-02	3%
Nickel	8.8E-02	3%
Cobalt	2.8E-01	8%
Formaldehyde	2.7E+00	84%

Table K-99 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors at Home	5.3E-13	0%
Consumption of Locally Caught Fish	1.3E-12	0%
Dermal Contact with Soil at Home	5.7E-11	0%
Ingestion of Soil at Home	4.0E-10	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.6E-09	0%
Inhalation of Outdoor Air at CJ	1.1E-08	0%
Inhalation of Outdoor Air at Home	5.4E-08	1%
Inhalation of Indoor Air at CJ	1.6E-07	2%
Inhalation of Indoor Air at Home	1.6E-07	2%
Ingestion of Soil at CJ	3.3E-06	45%
Dermal Contact with Soil at CJ	3.6E-06	49%
Grand Total	7.3E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Carbon tetrachloride	4.0E-08	1%
Arsenic	4.8E-08	1%
Benzene	5.5E-08	1%
Dieldrin	9.2E-08	1%
Cobalt	9.7E-08	1%
Indeno(1,2,3-cd)pyrene	1.2E-07	2%
Benzo(a)anthracene	5.4E-07	8%
Benzo(b)fluoranthene	7.3E-07	10%
Dibenze(a,h)anthracene	8.7E-07	12%
Benzo(a)pyrene	4.5E-06	64%

Table K-100 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.2E-07	0%
Dermal Contact with Soil at Home	7.6E-07	0%
Ingestion of Soil at Home	4.0E-05	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.9E-04	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	1.9E-03	1%
Inhalation of Outdoor Air at Home	2.6E-02	9%
Inhalation of Indoor Air at CJ	5.6E-02	20%
Inhalation of Indoor Air at Home	7.7E-02	27%
Ingestion of Soil at CJ	1.2E-01	42%
Grand Total	2.8E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Barium	9.3E-03	4%
Aluminum	9.5E-03	4%
Hydrogen cyanide	1.1E-02	4%
1,3-Butadiene	1.4E-02	6%
Biphenyl	1.6E-02	7%
Isopropanol	1.6E-02	7%
Trichloroethene	1.8E-02	8%
Nickel	2.2E-02	9%
Iron	2.5E-02	10%
Cobalt	1.0E-01	42%

Table K-101 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	9.5E-10	0%
Inhalation of Outdoor Air	1.1E-08	3%
Dermal Contact with Soil	8.0E-08	22%
Ingestion of Soil	1.3E-07	36%
Inhalation of Indoor Air	1.4E-07	38%
Grand Total	3.6E-07	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Cobalt	4.9E-09	1%
Benzo(a)anthracene	5.4E-09	2%
Benzo(b)fluoranthene	7.9E-09	2%
Dibenze(a,h)anthracene	1.2E-08	3%
Benzene	2.5E-08	7%
1,4-Dioxane	2.7E-08	8%
Carbon tetrachloride	3.7E-08	11%
Chloroform	4.5E-08	13%
Benzo(a)pyrene	5.1E-08	15%
Arsenic	1.3E-07	38%

Table K-102 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Outdoor Air	1.0E-03	0%
Dermal Contact with Soil	2.0E-03	1%
Inhalation of Particulate/Vapors Outdoors	7.0E-03	3%
Inhalation of Indoor Air	2.6E-02	11%
Ingestion of Soil	2.1E-01	85%
Grand Total	2.5E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,4-Dioxane	4.3E-03	2%
Trichloroethene	5.0E-03	2%
Mercury, elemental	6.3E-03	3%
Arsenic	6.8E-03	3%
Isopropanol	1.0E-02	4%
Aluminum	1.1E-02	4%
Thallium (Soluble Salts)	2.7E-02	11%
Nickel	3.0E-02	12%
Iron	3.6E-02	15%
Cobalt	1.1E-01	44%

Table K-103 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	1.3E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	9.5E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.5E-09	0%
Inhalation of Outdoor Air at CJ	1.1E-08	0%
Inhalation of Outdoor Air at Home	1.1E-08	0%
Dermal Contact with Soil at CJ	8.0E-08	3%
Ingestion of Soil at CJ	1.3E-07	4%
Inhalation of Indoor Air at CJ	1.4E-07	5%
Dermal Contact with Soil at Home	3.0E-07	10%
Ingestion of Soil at Home	5.9E-07	20%
Inhalation of Indoor Air at Home	1.7E-06	58%
Grand Total	3.0E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Bromoform	7.2E-08	3%
Benzo(b)fluoranthene	7.7E-08	3%
Trichloroethene	8.1E-08	3%
Benzene	1.2E-07	4%
Dibenze(a,h)anthracene	1.3E-07	5%
Carbon tetrachloride	1.4E-07	5%
Arsenic	2.1E-07	8%
Bromodichloromethane	5.4E-07	19%
Benzo(a)pyrene	5.5E-07	20%
Chloroform	8.3E-07	30%

Table K-104 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.0E-03	0%
Dermal Contact with Soil at CJ	2.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at CJ	7.0E-03	1%
Inhalation of Indoor Air at CJ	2.6E-02	3%
Inhalation of Particulate/Vapors Outdoors at Home	4.1E-02	5%
Ingestion of Soil at CJ	2.1E-01	26%
Ingestion of Soil at Home	2.6E-01	31%
Inhalation of Indoor Air at Home	2.7E-01	33%
Grand Total	8.2E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	1.1E-02	1%
Benzene	1.2E-02	1%
Isopropanol	2.1E-02	3%
Aluminum	3.1E-02	4%
Thallium (Soluble Salts)	4.4E-02	6%
Mercury, elemental	4.5E-02	6%
Nickel	6.6E-02	8%
Iron	9.0E-02	11%
Trichloroethene	2.3E-01	29%
Cobalt	2.3E-01	30%

Table K-105 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	1.3E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	9.5E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.7E-09	0%
Inhalation of Outdoor Air at Home	1.1E-08	0%
Inhalation of Outdoor Air at CJ	1.1E-08	0%
Dermal Contact with Soil at Home	2.9E-08	0%
Dermal Contact with Soil at CJ	8.0E-08	0%
Ingestion of Soil at CJ	1.3E-07	1%
Inhalation of Indoor Air at CJ	1.4E-07	1%
Ingestion of Soil at Home	1.4E-07	1%
Inhalation of Indoor Air at Home	2.2E-05	98%
Grand Total	2.3E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(b)fluoranthene	7.9E-09	0%
Dibenze(a,h)anthracene	1.2E-08	0%
Cobalt	1.6E-08	0%
1,4-Dioxane	2.7E-08	0%
Benzene	2.9E-08	0%
Carbon tetrachloride	4.1E-08	0%
Chloroform	4.7E-08	0%
Benzo(a)pyrene	5.1E-08	0%
Arsenic	3.0E-07	1%
Formaldehyde	2.2E-05	98%

Table K-106 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.5E-03	0%
Dermal Contact with Soil at CJ	2.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at CJ	7.0E-03	0%
Inhalation of Indoor Air at CJ	2.6E-02	1%
Inhalation of Particulate/Vapors Outdoors at Home	4.1E-02	1%
Ingestion of Soil at CJ	2.1E-01	5%
Ingestion of Soil at Home	2.7E-01	6%
Inhalation of Indoor Air at Home	4.0E+00	88%
Grand Total	4.6E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Trichloroethene	5.0E-03	0%
Isopropanol	1.0E-02	0%
Arsenic	1.6E-02	0%
Aluminum	3.5E-02	1%
Thallium (Soluble Salts)	4.1E-02	1%
Mercury, elemental	4.5E-02	1%
Nickel	7.0E-02	2%
Iron	9.3E-02	2%
Cobalt	2.4E-01	5%
Formaldehyde	4.0E+00	88%

Table K-107 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	1.3E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	9.5E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	4.4E-09	0%
Inhalation of Outdoor Air at Home	1.1E-08	0%
Inhalation of Outdoor Air at CJ	1.1E-08	0%
Dermal Contact with Soil at Home	5.7E-08	0%
Dermal Contact with Soil at CJ	8.0E-08	1%
Ingestion of Soil at CJ	1.3E-07	1%
Inhalation of Indoor Air at CJ	1.4E-07	1%
Ingestion of Soil at Home	1.4E-07	1%
Inhalation of Indoor Air at Home	1.5E-05	96%
Grand Total	1.6E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Dibenze(a,h)anthracene	1.2E-08	0%
Cobalt	1.7E-08	0%
Benzo(b)fluoranthene	1.8E-08	0%
1,4-Dioxane	2.7E-08	0%
Benzene	2.9E-08	0%
Carbon tetrachloride	4.1E-08	0%
Chloroform	4.7E-08	0%
Benzo(a)pyrene	1.7E-07	1%
Arsenic	2.0E-07	1%
Formaldehyde	1.5E-05	96%

Table K-108 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Dermal Contact with Soil at Home	6.1E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	2.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at CJ	7.0E-03	0%
Inhalation of Indoor Air at CJ	2.6E-02	1%
Inhalation of Particulate/Vapors Outdoors at Home	4.2E-02	1%
Ingestion of Soil at CJ	2.1E-01	6%
Ingestion of Soil at Home	3.6E-01	11%
Inhalation of Indoor Air at Home	2.8E+00	81%
Grand Total	3.4E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Trichloroethene	5.0E-03	0%
Isopropanol	1.0E-02	0%
Arsenic	1.0E-02	0%
Thallium (Soluble Salts)	2.7E-02	1%
Aluminum	3.0E-02	1%
Mercury, elemental	4.5E-02	1%
Nickel	9.7E-02	3%
Iron	9.8E-02	3%
Cobalt	3.2E-01	10%
Formaldehyde	2.7E+00	81%

Table K-109 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors at Home	5.3E-13	0%
Consumption of Locally Caught Fish	1.3E-12	0%
Dermal Contact with Soil at Home	5.7E-11	0%
Ingestion of Soil at Home	4.0E-10	0%
Inhalation of Particulate/Vapors Outdoors at CJ	9.5E-10	0%
Inhalation of Outdoor Air at CJ	1.1E-08	2%
Inhalation of Outdoor Air at Home	5.4E-08	9%
Dermal Contact with Soil at CJ	8.0E-08	14%
Ingestion of Soil at CJ	1.3E-07	23%
Inhalation of Indoor Air at CJ	1.4E-07	24%
Inhalation of Indoor Air at Home	1.6E-07	28%
Grand Total	5.8E-07	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Dibenze(a,h)anthracene	1.2E-08	3%
Formaldehyde	1.5E-08	3%
2,3,4,7,8-PeCDF	1.9E-08	4%
1,4-Dioxane	2.7E-08	6%
Carbon tetrachloride	3.7E-08	8%
Benzene	4.0E-08	8%
Chloroform	4.5E-08	9%
Benzo(a)pyrene	5.4E-08	11%
Cobalt	9.7E-08	20%
Arsenic	1.3E-07	28%

Table K-110 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.2E-07	0%
Dermal Contact with Soil at Home	7.6E-07	0%
Ingestion of Soil at Home	4.0E-05	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	2.0E-03	1%
Inhalation of Particulate/Vapors Outdoors at CJ	7.0E-03	2%
Inhalation of Outdoor Air at Home	2.6E-02	7%
Inhalation of Indoor Air at CJ	2.6E-02	8%
Inhalation of Indoor Air at Home	7.7E-02	22%
Ingestion of Soil at CJ	2.1E-01	60%
Grand Total	3.5E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	8.6E-03	3%
Barium	9.3E-03	3%
Isopropanol	1.0E-02	3%
Hydrogen cyanide	1.1E-02	3%
Aluminum	1.1E-02	4%
Biphenyl	1.6E-02	5%
Thallium (Soluble Salts)	2.7E-02	9%
Nickel	3.1E-02	10%
Iron	3.6E-02	12%
Cobalt	1.5E-01	48%

Table K-111 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	1.9E-09	0%
Inhalation of Outdoor Air	1.1E-08	0%
Dermal Contact with Soil	2.6E-07	7%
Ingestion of Soil	6.0E-07	15%
Inhalation of Indoor Air	3.1E-06	78%
Grand Total	4.0E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Ethylbenzene	2.3E-08	1%
1,2-Dichloroethane	2.7E-08	1%
Chloroform	3.8E-08	1%
Dieldrin	4.0E-08	1%
Carbon tetrachloride	4.4E-08	1%
DDE	1.0E-07	3%
Benzo(a)pyrene	1.0E-07	3%
Benzene	2.8E-07	7%
Arsenic	5.9E-07	15%
Formaldehyde	2.7E-06	68%

Table K-112 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	8.9E-04	0%
Inhalation of Outdoor Air	1.0E-03	0%
Dermal Contact with Soil	9.6E-03	1%
Ingestion of Soil	2.2E-01	28%
Inhalation of Indoor Air	5.6E-01	71%
Grand Total	7.9E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,2-Dichloroethane	3.4E-03	0%
Thallium (Soluble Salts)	8.1E-03	1%
Aluminum	1.2E-02	1%
Benzene	2.8E-02	4%
Nickel	2.8E-02	4%
Isopropanol	3.0E-02	4%
Arsenic	3.1E-02	4%
Iron	3.9E-02	5%
Cobalt	1.1E-01	14%
Formaldehyde	4.9E-01	63%

Table K-113 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	1.3E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.9E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	8.1E-09	0%
Inhalation of Outdoor Air at CJ	1.1E-08	0%
Inhalation of Outdoor Air at Home	1.1E-08	0%
Dermal Contact with Soil at CJ	2.6E-07	4%
Dermal Contact with Soil at Home	3.0E-07	5%
Ingestion of Soil at Home	5.9E-07	9%
Ingestion of Soil at CJ	6.0E-07	9%
Inhalation of Indoor Air at Home	1.7E-06	26%
Inhalation of Indoor Air at CJ	3.1E-06	47%
Grand Total	6.6E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(b)fluoranthene	8.8E-08	1%
DDE	1.1E-07	2%
Dibenze(a,h)anthracene	1.2E-07	2%
Carbon tetrachloride	1.5E-07	2%
Benzene	3.7E-07	6%
Bromodichloromethane	5.4E-07	9%
Benzo(a)pyrene	6.0E-07	10%
Arsenic	6.7E-07	11%
Chloroform	8.2E-07	13%
Formaldehyde	2.7E-06	44%

Table K-114 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	8.9E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.0E-03	0%
Dermal Contact with Soil at CJ	9.6E-03	1%
Ingestion of Soil at CJ	2.2E-01	17%
Ingestion of Soil at Home	2.6E-01	19%
Inhalation of Indoor Air at Home	2.7E-01	20%
Inhalation of Indoor Air at CJ	5.6E-01	42%
Grand Total	1.3E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Thallium (Soluble Salts)	2.5E-02	2%
Aluminum	3.2E-02	2%
Arsenic	3.5E-02	3%
Benzene	3.7E-02	3%
Isopropanol	4.1E-02	3%
Nickel	6.5E-02	5%
Iron	9.3E-02	7%
Trichloroethene	2.3E-01	18%
Cobalt	2.4E-01	19%
Formaldehyde	4.9E-01	38%

Table K-115 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	1.3E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.9E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	8.2E-09	0%
Inhalation of Outdoor Air at CJ	1.1E-08	0%
Inhalation of Outdoor Air at Home	1.1E-08	0%
Dermal Contact with Soil at Home	2.9E-08	0%
Ingestion of Soil at Home	1.4E-07	1%
Dermal Contact with Soil at CJ	2.6E-07	1%
Ingestion of Soil at CJ	6.0E-07	2%
Inhalation of Indoor Air at CJ	3.1E-06	12%
Inhalation of Indoor Air at Home	2.2E-05	84%
Grand Total	2.6E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Ethylbenzene	2.3E-08	0%
1,2-Dichloroethane	2.8E-08	0%
Dieldrin	4.0E-08	0%
Chloroform	4.1E-08	0%
Carbon tetrachloride	4.8E-08	0%
Benzo(a)pyrene	1.0E-07	0%
DDE	1.1E-07	0%
Benzene	2.8E-07	1%
Arsenic	7.6E-07	3%
Formaldehyde	2.5E-05	95%

Table K-116 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	8.9E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.5E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.2E-03	0%
Dermal Contact with Soil at CJ	9.6E-03	0%
Ingestion of Soil at CJ	2.2E-01	4%
Ingestion of Soil at Home	2.7E-01	5%
Inhalation of Indoor Air at CJ	5.6E-01	11%
Inhalation of Indoor Air at Home	4.0E+00	79%
Grand Total	5.1E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,2-Dichloroethane	3.5E-03	0%
Thallium (Soluble Salts)	2.3E-02	0%
Benzene	2.8E-02	1%
Isopropanol	3.0E-02	1%
Aluminum	3.6E-02	1%
Arsenic	3.9E-02	1%
Nickel	6.9E-02	1%
Iron	9.6E-02	2%
Cobalt	2.4E-01	5%
Formaldehyde	4.5E+00	89%

Table K-117 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	1.3E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.9E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	9.9E-09	0%
Inhalation of Outdoor Air at CJ	1.1E-08	0%
Inhalation of Outdoor Air at Home	1.1E-08	0%
Dermal Contact with Soil at Home	5.7E-08	0%
Ingestion of Soil at Home	1.4E-07	1%
Dermal Contact with Soil at CJ	2.6E-07	1%
Ingestion of Soil at CJ	6.0E-07	3%
Inhalation of Indoor Air at CJ	3.1E-06	16%
Inhalation of Indoor Air at Home	1.5E-05	78%
Grand Total	1.9E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,2-Dichloroethane	2.8E-08	0%
Benzo(b)fluoranthene	2.8E-08	0%
Dieldrin	4.0E-08	0%
Chloroform	4.1E-08	0%
Carbon tetrachloride	4.8E-08	0%
DDE	1.1E-07	1%
Benzo(a)pyrene	2.2E-07	1%
Benzene	2.8E-07	1%
Arsenic	6.6E-07	3%
Formaldehyde	1.8E-05	92%

Table K-118 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Dermal Contact with Soil at Home	6.1E-04	0%
Inhalation of Particulate/Vapors Outdoors at CJ	8.9E-04	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	4.2E-03	0%
Dermal Contact with Soil at CJ	9.6E-03	0%
Ingestion of Soil at CJ	2.2E-01	6%
Ingestion of Soil at Home	3.6E-01	9%
Inhalation of Indoor Air at CJ	5.6E-01	14%
Inhalation of Indoor Air at Home	2.8E+00	70%
Grand Total	3.9E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,2-Dichloroethane	3.5E-03	0%
Thallium (Soluble Salts)	8.1E-03	0%
Benzene	2.8E-02	1%
Isopropanol	3.0E-02	1%
Aluminum	3.1E-02	1%
Arsenic	3.4E-02	1%
Nickel	9.6E-02	2%
Iron	1.0E-01	3%
Cobalt	3.3E-01	8%
Formaldehyde	3.2E+00	83%

Table K-119 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors at Home	5.3E-13	0%
Consumption of Locally Caught Fish	1.3E-12	0%
Dermal Contact with Soil at Home	5.7E-11	0%
Ingestion of Soil at Home	4.0E-10	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.9E-09	0%
Inhalation of Outdoor Air at CJ	1.1E-08	0%
Inhalation of Outdoor Air at Home	5.4E-08	1%
Inhalation of Indoor Air at Home	1.6E-07	4%
Dermal Contact with Soil at CJ	2.6E-07	6%
Ingestion of Soil at CJ	6.0E-07	14%
Inhalation of Indoor Air at CJ	3.1E-06	74%
Grand Total	4.2E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,2-Dichloroethane	2.7E-08	1%
Chloroform	3.8E-08	1%
Dieldrin	4.0E-08	1%
Carbon tetrachloride	4.4E-08	1%
Cobalt	9.7E-08	2%
DDE	1.0E-07	3%
Benzo(a)pyrene	1.0E-07	3%
Benzene	2.9E-07	7%
Arsenic	5.9E-07	15%
Formaldehyde	2.7E-06	67%

Table K-120 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.2E-07	0%
Dermal Contact with Soil at Home	7.6E-07	0%
Ingestion of Soil at Home	4.0E-05	0%
Inhalation of Particulate/Vapors Outdoors at CJ	8.9E-04	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	9.6E-03	1%
Inhalation of Outdoor Air at Home	2.6E-02	3%
Inhalation of Indoor Air at Home	7.7E-02	9%
Ingestion of Soil at CJ	2.2E-01	25%
Inhalation of Indoor Air at CJ	5.6E-01	63%
Grand Total	8.9E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Hydrogen cyanide	1.1E-02	1%
Aluminum	1.2E-02	1%
Biphenyl	1.6E-02	2%
Benzene	2.9E-02	3%
Isopropanol	3.0E-02	4%
Nickel	3.0E-02	4%
Arsenic	3.2E-02	4%
Iron	3.9E-02	5%
Cobalt	1.5E-01	18%
Formaldehyde	4.9E-01	59%

Table K-121 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	8.6E-10	0%
Inhalation of Outdoor Air	1.1E-08	0%
Dermal Contact with Soil	5.8E-07	18%
Ingestion of Soil	7.1E-07	22%
Inhalation of Indoor Air	1.9E-06	59%
Grand Total	3.2E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
DDE	3.0E-09	0%
Cobalt	4.8E-09	0%
Benzo(a)pyrene	1.6E-08	0%
Chloroform	2.4E-08	1%
1,3-Butadiene	2.8E-08	1%
Benzene	3.1E-08	1%
Carbon tetrachloride	4.2E-08	1%
Arsenic	7.8E-08	2%
Chlordecone (Kepone)	1.2E-06	37%
Formaldehyde	1.8E-06	56%

Table K-122 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Outdoor Air	1.0E-03	0%
Dermal Contact with Soil	5.4E-03	1%
Inhalation of Particulate/Vapors Outdoors	1.2E-02	2%
Ingestion of Soil	1.7E-01	31%
Inhalation of Indoor Air	3.5E-01	65%
Grand Total	5.3E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzene	3.1E-03	1%
Arsenic	4.1E-03	1%
Chlordecone (Kepone)	9.2E-03	2%
Aluminum	1.0E-02	2%
1,3-Butadiene	1.1E-02	2%
Mercury, elemental	1.1E-02	2%
Nickel	2.8E-02	5%
Iron	3.2E-02	6%
Cobalt	9.0E-02	17%
Formaldehyde	3.3E-01	62%

Table K-123 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	1.3E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	8.6E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.6E-09	0%
Inhalation of Outdoor Air at Home	1.1E-08	0%
Inhalation of Outdoor Air at CJ	1.1E-08	0%
Dermal Contact with Soil at Home	3.0E-07	5%
Dermal Contact with Soil at CJ	5.8E-07	10%
Ingestion of Soil at Home	5.9E-07	10%
Ingestion of Soil at CJ	7.1E-07	12%
Inhalation of Indoor Air at Home	1.7E-06	30%
Inhalation of Indoor Air at CJ	1.9E-06	33%
Grand Total	5.9E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Trichloroethene	7.9E-08	1%
Dibenze(a,h)anthracene	1.2E-07	2%
Benzene	1.2E-07	2%
Carbon tetrachloride	1.5E-07	3%
Arsenic	1.6E-07	3%
Benzo(a)pyrene	5.1E-07	9%
Bromodichloromethane	5.4E-07	10%
Chloroform	8.1E-07	15%
Chlordecone (Kepone)	1.2E-06	22%
Formaldehyde	1.8E-06	33%

Table K-124 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Dermal Contact with Soil at Home	1.0E-03	0%
Dermal Contact with Soil at CJ	5.4E-03	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.2E-02	1%
Inhalation of Particulate/Vapors Outdoors at Home	6.9E-02	6%
Ingestion of Soil at CJ	1.7E-01	15%
Ingestion of Soil at Home	2.6E-01	23%
Inhalation of Indoor Air at Home	2.7E-01	24%
Inhalation of Indoor Air at CJ	3.5E-01	31%
Grand Total	1.1E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzene	1.2E-02	1%
Isopropanol	1.3E-02	1%
Thallium (Soluble Salts)	1.7E-02	2%
Aluminum	3.0E-02	3%
Nickel	6.5E-02	6%
Mercury, elemental	7.9E-02	7%
Iron	8.6E-02	8%
Cobalt	2.2E-01	20%
Trichloroethene	2.2E-01	21%
Formaldehyde	3.3E-01	30%

Table K-125 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	1.3E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	8.6E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.7E-09	0%
Inhalation of Outdoor Air at CJ	1.1E-08	0%
Inhalation of Outdoor Air at Home	1.1E-08	0%
Dermal Contact with Soil at Home	2.9E-08	0%
Ingestion of Soil at Home	1.4E-07	1%
Dermal Contact with Soil at CJ	5.8E-07	2%
Ingestion of Soil at CJ	7.1E-07	3%
Inhalation of Indoor Air at CJ	1.9E-06	7%
Inhalation of Indoor Air at Home	2.2E-05	87%
Grand Total	2.5E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
DDE	4.3E-09	0%
Cobalt	1.6E-08	0%
Benzo(a)pyrene	1.6E-08	0%
Chloroform	2.6E-08	0%
1,3-Butadiene	2.8E-08	0%
Benzene	3.5E-08	0%
Carbon tetrachloride	4.6E-08	0%
Arsenic	2.5E-07	1%
Chlordecone (Kepone)	1.2E-06	5%
Formaldehyde	2.4E-05	94%

Table K-126 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Dermal Contact with Soil at Home	1.5E-03	0%
Dermal Contact with Soil at CJ	5.4E-03	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.2E-02	0%
Inhalation of Particulate/Vapors Outdoors at Home	7.0E-02	1%
Ingestion of Soil at CJ	1.7E-01	3%
Ingestion of Soil at Home	2.7E-01	5%
Inhalation of Indoor Air at CJ	3.5E-01	7%
Inhalation of Indoor Air at Home	4.0E+00	82%
Grand Total	4.9E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Chlordecone (Kepone)	9.2E-03	0%
1,3-Butadiene	1.1E-02	0%
Arsenic	1.3E-02	0%
Thallium (Soluble Salts)	1.4E-02	0%
Aluminum	3.5E-02	1%
Nickel	6.9E-02	1%
Mercury, elemental	7.9E-02	2%
Iron	8.9E-02	2%
Cobalt	2.2E-01	4%
Formaldehyde	4.4E+00	89%

Table K-127 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	1.3E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	8.6E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	4.4E-09	0%
Inhalation of Outdoor Air at CJ	1.1E-08	0%
Inhalation of Outdoor Air at Home	1.1E-08	0%
Dermal Contact with Soil at Home	5.7E-08	0%
Ingestion of Soil at Home	1.4E-07	1%
Dermal Contact with Soil at CJ	5.8E-07	3%
Ingestion of Soil at CJ	7.1E-07	4%
Inhalation of Indoor Air at CJ	1.9E-06	10%
Inhalation of Indoor Air at Home	1.5E-05	81%
Grand Total	1.8E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(b)fluoranthene	1.3E-08	0%
Cobalt	1.7E-08	0%
Chloroform	2.6E-08	0%
1,3-Butadiene	2.8E-08	0%
Benzene	3.5E-08	0%
Carbon tetrachloride	4.6E-08	0%
Benzo(a)pyrene	1.3E-07	1%
Arsenic	1.5E-07	1%
Chlordecone (Kepone)	1.2E-06	6%
Formaldehyde	1.7E-05	91%

Table K-128 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Dermal Contact with Soil at Home	6.1E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	5.4E-03	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.2E-02	0%
Inhalation of Particulate/Vapors Outdoors at Home	7.1E-02	2%
Ingestion of Soil at CJ	1.7E-01	5%
Inhalation of Indoor Air at CJ	3.5E-01	9%
Ingestion of Soil at Home	3.6E-01	10%
Inhalation of Indoor Air at Home	2.8E+00	74%
Grand Total	3.7E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzene	3.5E-03	0%
Arsenic	7.7E-03	0%
Chlordecone (Kepone)	9.2E-03	0%
1,3-Butadiene	1.1E-02	0%
Aluminum	3.0E-02	1%
Mercury, elemental	7.9E-02	2%
Iron	9.4E-02	3%
Nickel	9.6E-02	3%
Cobalt	3.1E-01	8%
Formaldehyde	3.1E+00	83%

Table K-129 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors at Home	5.3E-13	0%
Consumption of Locally Caught Fish	1.3E-12	0%
Dermal Contact with Soil at Home	5.7E-11	0%
Ingestion of Soil at Home	4.0E-10	0%
Inhalation of Particulate/Vapors Outdoors at CJ	8.6E-10	0%
Inhalation of Outdoor Air at CJ	1.1E-08	0%
Inhalation of Outdoor Air at Home	5.4E-08	2%
Inhalation of Indoor Air at Home	1.6E-07	5%
Dermal Contact with Soil at CJ	5.8E-07	17%
Ingestion of Soil at CJ	7.1E-07	21%
Inhalation of Indoor Air at CJ	1.9E-06	56%
Grand Total	3.4E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(a)pyrene	1.9E-08	1%
2,3,4,7,8-PeCDF	1.9E-08	1%
Chloroform	2.4E-08	1%
1,3-Butadiene	2.8E-08	1%
Carbon tetrachloride	4.2E-08	1%
Benzene	4.7E-08	1%
Arsenic	8.3E-08	2%
Cobalt	9.7E-08	3%
Chlordecone (Kepone)	1.2E-06	36%
Formaldehyde	1.8E-06	54%

Table K-130 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.2E-07	0%
Dermal Contact with Soil at Home	7.6E-07	0%
Ingestion of Soil at Home	4.0E-05	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	5.4E-03	1%
Inhalation of Particulate/Vapors Outdoors at CJ	1.2E-02	2%
Inhalation of Outdoor Air at Home	2.6E-02	4%
Inhalation of Indoor Air at Home	7.7E-02	12%
Ingestion of Soil at CJ	1.7E-01	26%
Inhalation of Indoor Air at CJ	3.5E-01	55%
Grand Total	6.3E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Barium	9.3E-03	2%
Aluminum	1.0E-02	2%
Hydrogen cyanide	1.1E-02	2%
1,3-Butadiene	1.1E-02	2%
Mercury, elemental	1.1E-02	2%
Biphenyl	1.6E-02	3%
Nickel	3.0E-02	5%
Iron	3.2E-02	6%
Cobalt	1.3E-01	22%
Formaldehyde	3.3E-01	56%

Table K-131 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	1.4E-13	0%
Dermal Contact with Soil	9.2E-11	0%
Ingestion of Soil	3.2E-10	0%
Inhalation of Outdoor Air	1.5E-08	11%
Inhalation of Indoor Air	1.2E-07	89%
Grand Total	1.4E-07	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,3,4,6,7,8-HxCDF	2.9E-09	3%
Arsenic	4.0E-09	3%
Acetaldehyde	5.0E-09	4%
1,2,3,4,7,8-HxCDF	5.9E-09	5%
1,2,3,7,8-PeCDD	9.4E-09	8%
Napthalene	9.9E-09	8%
Formaldehyde	1.1E-08	10%
Benzene	1.2E-08	10%
2,3,4,7,8-PeCDF	1.5E-08	13%
Cobalt	4.1E-08	35%

Table K-132 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	4.5E-08	0%
Dermal Contact with Soil	1.0E-06	0%
Ingestion of Soil	1.8E-05	0%
Inhalation of Outdoor Air	7.4E-03	11%
Inhalation of Indoor Air	5.9E-02	89%
Grand Total	6.6E-02	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Hydrogen Chloride	1.5E-03	3%
Pentachlorobiphenyl	1.8E-03	3%
Formaldehyde	2.1E-03	3%
Napthalene	2.3E-03	4%
Cadmium	2.7E-03	4%
Acetaldehyde	5.9E-03	10%
Barium	6.0E-03	10%
Hydrogen cyanide	8.2E-03	13%
Biphenyl	1.3E-02	21%
Cobalt	1.8E-02	29%

Table K-133 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	7.3E-13	0%
Consumption of Locally Caught Fish	1.3E-12	0%
Dermal Contact with Soil	5.7E-11	0%
Ingestion of Soil	4.0E-10	0%
Inhalation of Outdoor Air	7.4E-08	25%
Inhalation of Indoor Air	2.2E-07	75%
Grand Total	2.9E-07	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,3,7,8-TCDD	5.2E-09	2%
Arsenic	7.0E-09	3%
Acetaldehyde	8.9E-09	3%
1,2,3,4,7,8-HxCDF	1.0E-08	4%
1,2,3,7,8-PeCDD	1.6E-08	6%
Napthalene	1.6E-08	6%
Formaldehyde	2.1E-08	8%
Benzene	2.1E-08	8%
2,3,4,7,8-PeCDF	2.5E-08	10%
Cobalt	1.3E-07	49%

Table K-134 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors	3.0E-07	0%
Dermal Contact with Soil	7.6E-07	0%
Ingestion of Soil	4.0E-05	0%
Inhalation of Outdoor Air	3.5E-02	25%
Inhalation of Indoor Air	1.0E-01	75%
Grand Total	1.4E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Hydrogen Chloride	2.7E-03	2%
Pentachlorobiphenyl	3.1E-03	2%
Napthalene	3.7E-03	3%
Formaldehyde	3.8E-03	3%
Cadmium	4.8E-03	4%
Acetaldehyde	1.0E-02	8%
Barium	1.2E-02	9%
Hydrogen cyanide	1.4E-02	11%
Biphenyl	2.1E-02	16%
Cobalt	5.4E-02	42%

Table K-135 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	8.2E-13	0%
Consumption of Locally Caught Fish	1.3E-11	0%
Dermal Contact with Soil	6.7E-10	0%
Ingestion of Soil	5.3E-09	2%
Inhalation of Outdoor Air	8.5E-08	25%
Inhalation of Indoor Air	2.6E-07	74%
Grand Total	3.5E-07	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(a)anthracene	8.7E-09	3%
Acetaldehyde	8.9E-09	3%
1,2,3,4,7,8-HxCDF	1.1E-08	4%
Napthalene	1.6E-08	6%
1,2,3,7,8-PeCDD	1.7E-08	6%
Formaldehyde	2.1E-08	7%
Benzene	2.1E-08	7%
2,3,4,7,8-PeCDF	2.6E-08	9%
Benzo(a)pyrene	3.3E-08	12%
Cobalt	1.3E-07	44%

Table K-136 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	6.3E-09	0%
Inhalation of Particulate/Vapors Outdoors	3.0E-07	0%
Dermal Contact with Soil	4.6E-06	0%
Ingestion of Soil	4.3E-04	0%
Inhalation of Outdoor Air	3.5E-02	25%
Inhalation of Indoor Air	1.0E-01	75%
Grand Total	1.4E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Hydrogen Chloride	2.7E-03	2%
Pentachlorobiphenyl	3.1E-03	2%
Napthalene	3.7E-03	3%
Formaldehyde	3.8E-03	3%
Cadmium	4.8E-03	4%
Acetaldehyde	1.0E-02	8%
Barium	1.2E-02	9%
Hydrogen cyanide	1.4E-02	11%
Biphenyl	2.1E-02	16%
Cobalt	5.5E-02	42%

Table K-137 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	1.3E-09	0%
Inhalation of Outdoor Air	2.3E-08	0%
Dermal Contact with Soil	3.9E-07	5%
Ingestion of Soil	5.0E-07	6%
Inhalation of Indoor Air	6.8E-06	88%
Grand Total	7.7E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Chloroform	5.4E-08	1%
Benzene	6.3E-08	1%
Benzo(b)fluoranthene	6.8E-08	1%
1,2-Dichloroethane	7.9E-08	1%
1,3-Butadiene	8.2E-08	1%
Carbon tetrachloride	8.4E-08	1%
2,6-Dinitrotoluene	1.8E-07	2%
Arsenic	2.6E-07	3%
Benzo(a)pyrene	3.2E-07	4%
Formaldehyde	6.4E-06	84%

Table K-138 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	5.6E-04	0%
Inhalation of Outdoor Air	1.0E-03	0%
Dermal Contact with Soil	4.3E-03	1%
Ingestion of Soil	1.4E-01	18%
Inhalation of Indoor Air	6.2E-01	81%
Grand Total	7.6E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,6-Dinitrotoluene	4.7E-03	1%
1,2-Dichloroethane	5.0E-03	1%
Arsenic	6.8E-03	1%
Aluminum	7.9E-03	1%
Thallium (Soluble Salts)	1.1E-02	1%
1,3-Butadiene	1.6E-02	2%
Nickel	2.0E-02	3%
Iron	2.4E-02	3%
Cobalt	6.7E-02	9%
Formaldehyde	5.8E-01	78%

Table K-139 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	2.7E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.3E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	5.1E-09	0%
Inhalation of Outdoor Air at CJ	2.3E-08	0%
Inhalation of Outdoor Air at Home	2.3E-08	0%
Dermal Contact with Soil at CJ	3.9E-07	3%
Ingestion of Soil at CJ	5.0E-07	4%
Dermal Contact with Soil at Home	5.9E-07	5%
Ingestion of Soil at Home	1.2E-06	9%
Inhalation of Indoor Air at Home	3.5E-06	27%
Inhalation of Indoor Air at CJ	6.8E-06	52%
Grand Total	1.3E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,6-Dinitrotoluene	1.8E-07	1%
Benzo(b)fluoranthene	2.1E-07	2%
Benzene	2.5E-07	2%
Dibenze(a,h)anthracene	2.6E-07	2%
Carbon tetrachloride	2.9E-07	2%
Arsenic	4.3E-07	4%
Bromodichloromethane	1.1E-06	9%
Benzo(a)pyrene	1.3E-06	11%
Chloroform	1.6E-06	14%
Formaldehyde	6.4E-06	53%

Table K-140 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	5.6E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.5E-03	0%
Dermal Contact with Soil at CJ	4.3E-03	0%
Ingestion of Soil at CJ	1.4E-01	11%
Ingestion of Soil at Home	2.6E-01	20%
Inhalation of Indoor Air at Home	2.7E-01	21%
Inhalation of Indoor Air at CJ	6.2E-01	48%
Grand Total	1.3E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzene	1.2E-02	1%
Isopropanol	1.5E-02	1%
1,3-Butadiene	1.6E-02	1%
Thallium (Soluble Salts)	2.7E-02	2%
Aluminum	2.8E-02	2%
Nickel	5.7E-02	5%
Iron	7.8E-02	6%
Cobalt	1.9E-01	16%
Trichloroethene	2.3E-01	18%
Formaldehyde	5.8E-01	47%

Table K-141 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	2.7E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.3E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	5.3E-09	0%
Inhalation of Outdoor Air at CJ	2.3E-08	0%
Inhalation of Outdoor Air at Home	2.3E-08	0%
Dermal Contact with Soil at Home	5.9E-08	0%
Ingestion of Soil at Home	2.8E-07	1%
Dermal Contact with Soil at CJ	3.9E-07	1%
Ingestion of Soil at CJ	5.0E-07	1%
Inhalation of Indoor Air at CJ	6.8E-06	13%
Inhalation of Indoor Air at Home	4.4E-05	85%
Grand Total	5.2E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Chloroform	5.9E-08	0%
Benzo(b)fluoranthene	6.8E-08	0%
Benzene	7.1E-08	0%
1,2-Dichloroethane	8.1E-08	0%
1,3-Butadiene	8.2E-08	0%
Carbon tetrachloride	9.2E-08	0%
2,6-Dinitrotoluene	1.8E-07	0%
Benzo(a)pyrene	3.2E-07	1%
Arsenic	6.0E-07	1%
Formaldehyde	5.0E-05	97%

Table K-142 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	5.6E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.5E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.7E-03	0%
Dermal Contact with Soil at CJ	4.3E-03	0%
Ingestion of Soil at CJ	1.4E-01	3%
Ingestion of Soil at Home	2.7E-01	5%
Inhalation of Indoor Air at CJ	6.2E-01	12%
Inhalation of Indoor Air at Home	4.0E+00	80%
Grand Total	5.1E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,6-Dinitrotoluene	4.7E-03	0%
1,2-Dichloroethane	5.2E-03	0%
Arsenic	1.6E-02	0%
1,3-Butadiene	1.6E-02	0%
Thallium (Soluble Salts)	2.5E-02	0%
Aluminum	3.2E-02	1%
Nickel	6.1E-02	1%
Iron	8.1E-02	2%
Cobalt	2.0E-01	4%
Formaldehyde	4.6E+00	91%

Table K-143 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	2.7E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.3E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	8.7E-09	0%
Inhalation of Outdoor Air at CJ	2.3E-08	0%
Inhalation of Outdoor Air at Home	2.3E-08	0%
Dermal Contact with Soil at Home	1.1E-07	0%
Ingestion of Soil at Home	2.8E-07	1%
Dermal Contact with Soil at CJ	3.9E-07	1%
Ingestion of Soil at CJ	5.0E-07	1%
Inhalation of Indoor Air at CJ	6.8E-06	18%
Inhalation of Indoor Air at Home	3.0E-05	79%
Grand Total	3.8E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Chloroform	5.9E-08	0%
Benzene	7.1E-08	0%
1,2-Dichloroethane	8.1E-08	0%
1,3-Butadiene	8.2E-08	0%
Benzo(b)fluoranthene	8.8E-08	0%
Carbon tetrachloride	9.2E-08	0%
2,6-Dinitrotoluene	1.8E-07	0%
Arsenic	3.9E-07	1%
Benzo(a)pyrene	5.5E-07	1%
Formaldehyde	3.6E-05	96%

Table K-144 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	5.6E-04	0%
Dermal Contact with Soil at Home	6.1E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.7E-03	0%
Dermal Contact with Soil at CJ	4.3E-03	0%
Ingestion of Soil at CJ	1.4E-01	4%
Ingestion of Soil at Home	3.6E-01	9%
Inhalation of Indoor Air at CJ	6.2E-01	16%
Inhalation of Indoor Air at Home	2.8E+00	71%
Grand Total	3.9E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,6-Dinitrotoluene	4.7E-03	0%
1,2-Dichloroethane	5.2E-03	0%
Arsenic	1.0E-02	0%
Thallium (Soluble Salts)	1.1E-02	0%
1,3-Butadiene	1.6E-02	0%
Aluminum	2.8E-02	1%
Iron	8.6E-02	2%
Nickel	8.8E-02	2%
Cobalt	2.8E-01	7%
Formaldehyde	3.3E+00	86%

Table K-145 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors at Home	1.1E-12	0%
Consumption of Locally Caught Fish	2.7E-12	0%
Dermal Contact with Soil at Home	1.1E-10	0%
Ingestion of Soil at Home	8.0E-10	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.3E-09	0%
Inhalation of Outdoor Air at CJ	2.3E-08	0%
Inhalation of Outdoor Air at Home	1.1E-07	1%
Inhalation of Indoor Air at Home	3.2E-07	4%
Dermal Contact with Soil at CJ	3.9E-07	5%
Ingestion of Soil at CJ	5.0E-07	6%
Inhalation of Indoor Air at CJ	6.8E-06	83%
Grand Total	8.1E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(b)fluoranthene	6.8E-08	1%
1,2-Dichloroethane	7.9E-08	1%
1,3-Butadiene	8.2E-08	1%
Carbon tetrachloride	8.4E-08	1%
Benzene	9.3E-08	1%
2,6-Dinitrotoluene	1.8E-07	2%
Cobalt	1.9E-07	2%
Arsenic	2.7E-07	3%
Benzo(a)pyrene	3.2E-07	4%
Formaldehyde	6.4E-06	82%

Table K-146 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.2E-07	0%
Dermal Contact with Soil at Home	7.6E-07	0%
Ingestion of Soil at Home	4.0E-05	0%
Inhalation of Particulate/Vapors Outdoors at CJ	5.6E-04	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	4.3E-03	0%
Inhalation of Outdoor Air at Home	2.6E-02	3%
Inhalation of Indoor Air at Home	7.7E-02	9%
Ingestion of Soil at CJ	1.4E-01	16%
Inhalation of Indoor Air at CJ	6.2E-01	72%
Grand Total	8.6E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	8.6E-03	1%
Barium	9.3E-03	1%
Hydrogen cyanide	1.1E-02	1%
Thallium (Soluble Salts)	1.1E-02	1%
Biphenyl	1.6E-02	2%
1,3-Butadiene	1.6E-02	2%
Nickel	2.2E-02	3%
Iron	2.4E-02	3%
Cobalt	1.1E-01	13%
Formaldehyde	5.9E-01	72%

Table K-147 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	3.2E-09	0%
Inhalation of Outdoor Air	2.3E-08	0%
Inhalation of Indoor Air	3.2E-07	2%
Ingestion of Soil	6.7E-06	47%
Dermal Contact with Soil	7.2E-06	51%
Grand Total	1.4E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(k)fluoranthene	7.9E-08	1%
Carbon tetrachloride	8.0E-08	1%
Benzene	8.0E-08	1%
Arsenic	8.5E-08	1%
Dieldrin	1.8E-07	1%
Indeno(1,2,3-cd)pyrene	2.3E-07	2%
Benzo(a)anthracene	1.1E-06	8%
Benzo(b)fluoranthene	1.5E-06	10%
Dibenze(a,h)anthracene	1.7E-06	12%
Benzo(a)pyrene	9.0E-06	64%

Table K-148 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	6.9E-04	0%
Inhalation of Outdoor Air	1.0E-03	1%
Dermal Contact with Soil	1.9E-03	1%
Inhalation of Indoor Air	5.6E-02	32%
Ingestion of Soil	1.2E-01	66%
Grand Total	1.8E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	2.2E-03	1%
Dieldrin	2.7E-03	2%
Benzene	4.0E-03	2%
Aluminum	9.5E-03	5%
1,3-Butadiene	1.4E-02	8%
Isopropanol	1.6E-02	9%
Trichloroethene	1.8E-02	11%
Nickel	2.0E-02	12%
Iron	2.5E-02	14%
Cobalt	6.2E-02	36%

Table K-149 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	2.7E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	3.2E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	1.7E-08	0%
Inhalation of Outdoor Air at CJ	2.3E-08	0%
Inhalation of Outdoor Air at Home	2.3E-08	0%
Inhalation of Indoor Air at CJ	3.2E-07	2%
Dermal Contact with Soil at Home	5.9E-07	3%
Ingestion of Soil at Home	1.2E-06	6%
Inhalation of Indoor Air at Home	3.5E-06	18%
Ingestion of Soil at CJ	6.7E-06	34%
Dermal Contact with Soil at CJ	7.2E-06	37%
Grand Total	2.0E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	2.5E-07	1%
Benzene	2.7E-07	1%
Carbon tetrachloride	2.9E-07	2%
Indeno(1,2,3-cd)pyrene	2.9E-07	2%
Bromodichloromethane	1.1E-06	6%
Benzo(a)anthracene	1.2E-06	6%
Benzo(b)fluoranthene	1.6E-06	9%
Chloroform	1.6E-06	9%
Dibenze(a,h)anthracene	2.0E-06	11%
Benzo(a)pyrene	1.0E-05	54%

Table K-150 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.9E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.0E-03	0%
Dermal Contact with Soil at CJ	1.9E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.3E-03	0%
Inhalation of Indoor Air at CJ	5.6E-02	8%
Ingestion of Soil at CJ	1.2E-01	17%
Ingestion of Soil at Home	2.6E-01	36%
Inhalation of Indoor Air at Home	2.7E-01	38%
Grand Total	7.1E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Chloroform	8.4E-03	1%
Benzene	1.3E-02	2%
1,3-Butadiene	1.4E-02	2%
Thallium (Soluble Salts)	1.7E-02	2%
Isopropanol	2.7E-02	4%
Aluminum	3.0E-02	4%
Nickel	5.7E-02	8%
Iron	7.8E-02	12%
Cobalt	1.9E-01	28%
Trichloroethene	2.4E-01	36%

Table K-151 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	2.7E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	3.2E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	1.8E-08	0%
Inhalation of Outdoor Air at CJ	2.3E-08	0%
Inhalation of Outdoor Air at Home	2.3E-08	0%
Dermal Contact with Soil at Home	5.9E-08	0%
Ingestion of Soil at Home	2.8E-07	0%
Inhalation of Indoor Air at CJ	3.2E-07	1%
Ingestion of Soil at CJ	6.7E-06	11%
Dermal Contact with Soil at CJ	7.2E-06	12%
Inhalation of Indoor Air at Home	4.4E-05	75%
Grand Total	5.9E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Carbon tetrachloride	8.7E-08	0%
Benzene	8.8E-08	0%
Dieldrin	1.8E-07	0%
Indeno(1,2,3-cd)pyrene	2.3E-07	0%
Arsenic	4.2E-07	1%
Benzo(a)anthracene	1.1E-06	2%
Benzo(b)fluoranthene	1.5E-06	3%
Dibenzo(a,h)anthracene	1.7E-06	3%
Benzo(a)pyrene	9.0E-06	15%
Formaldehyde	4.4E-05	76%

Table K-152 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.9E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.5E-03	0%
Dermal Contact with Soil at CJ	1.9E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.6E-03	0%
Inhalation of Indoor Air at CJ	5.6E-02	1%
Ingestion of Soil at CJ	1.2E-01	3%
Ingestion of Soil at Home	2.7E-01	6%
Inhalation of Indoor Air at Home	4.0E+00	90%
Grand Total	4.5E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	1.1E-02	0%
1,3-Butadiene	1.4E-02	0%
Thallium (Soluble Salts)	1.4E-02	0%
Isopropanol	1.6E-02	0%
Trichloroethene	1.8E-02	0%
Aluminum	3.4E-02	1%
Nickel	6.1E-02	1%
Iron	8.1E-02	2%
Cobalt	1.9E-01	4%
Formaldehyde	4.0E+00	90%

Table K-153 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	2.7E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	3.2E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.1E-08	0%
Inhalation of Outdoor Air at CJ	2.3E-08	0%
Inhalation of Outdoor Air at Home	2.3E-08	0%
Dermal Contact with Soil at Home	1.1E-07	0%
Ingestion of Soil at Home	2.8E-07	1%
Inhalation of Indoor Air at CJ	3.2E-07	1%
Ingestion of Soil at CJ	6.7E-06	15%
Dermal Contact with Soil at CJ	7.2E-06	16%
Inhalation of Indoor Air at Home	3.0E-05	67%
Grand Total	4.5E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Carbon tetrachloride	8.7E-08	0%
Benzene	8.8E-08	0%
Dieldrin	1.8E-07	0%
Arsenic	2.2E-07	0%
Indeno(1,2,3-cd)pyrene	2.3E-07	1%
Benzo(a)anthracene	1.1E-06	2%
Benzo(b)fluoranthene	1.5E-06	3%
Dibenze(a,h)anthracene	1.7E-06	4%
Benzo(a)pyrene	9.2E-06	21%
Formaldehyde	3.0E-05	68%

Table K-154 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Dermal Contact with Soil at Home	6.1E-04	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.9E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	1.9E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	4.5E-03	0%
Inhalation of Indoor Air at CJ	5.6E-02	2%
Ingestion of Soil at CJ	1.2E-01	4%
Ingestion of Soil at Home	3.6E-01	11%
Inhalation of Indoor Air at Home	2.8E+00	83%
Grand Total	3.3E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzene	4.4E-03	0%
Arsenic	5.8E-03	0%
1,3-Butadiene	1.4E-02	0%
Isopropanol	1.6E-02	0%
Trichloroethene	1.8E-02	1%
Aluminum	2.9E-02	1%
Iron	8.6E-02	3%
Nickel	8.8E-02	3%
Cobalt	2.8E-01	8%
Formaldehyde	2.7E+00	84%

Table K-155 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors at Home	1.1E-12	0%
Consumption of Locally Caught Fish	2.7E-12	0%
Dermal Contact with Soil at Home	1.1E-10	0%
Ingestion of Soil at Home	8.0E-10	0%
Inhalation of Particulate/Vapors Outdoors at CJ	3.2E-09	0%
Inhalation of Outdoor Air at CJ	2.3E-08	0%
Inhalation of Outdoor Air at Home	1.1E-07	1%
Inhalation of Indoor Air at CJ	3.2E-07	2%
Inhalation of Indoor Air at Home	3.2E-07	2%
Ingestion of Soil at CJ	6.7E-06	45%
Dermal Contact with Soil at CJ	7.2E-06	49%
Grand Total	1.5E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Carbon tetrachloride	8.0E-08	1%
Arsenic	9.5E-08	1%
Benzene	1.1E-07	1%
Dieldrin	1.8E-07	1%
Cobalt	1.9E-07	1%
Indeno(1,2,3-cd)pyrene	2.3E-07	2%
Benzo(a)anthracene	1.1E-06	8%
Benzo(b)fluoranthene	1.5E-06	10%
Dibenze(a,h)anthracene	1.7E-06	12%
Benzo(a)pyrene	9.0E-06	64%

Table K-156 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.2E-07	0%
Dermal Contact with Soil at Home	7.6E-07	0%
Ingestion of Soil at Home	4.0E-05	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.9E-04	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	1.9E-03	1%
Inhalation of Outdoor Air at Home	2.6E-02	9%
Inhalation of Indoor Air at CJ	5.6E-02	20%
Inhalation of Indoor Air at Home	7.7E-02	27%
Ingestion of Soil at CJ	1.2E-01	42%
Grand Total	2.8E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Barium	9.3E-03	4%
Aluminum	9.5E-03	4%
Hydrogen cyanide	1.1E-02	4%
1,3-Butadiene	1.4E-02	6%
Biphenyl	1.6E-02	7%
Isopropanol	1.6E-02	7%
Trichloroethene	1.8E-02	8%
Nickel	2.2E-02	9%
Iron	2.5E-02	10%
Cobalt	1.0E-01	42%

Table K-157 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	1.9E-09	0%
Inhalation of Outdoor Air	2.3E-08	3%
Dermal Contact with Soil	1.6E-07	22%
Ingestion of Soil	2.6E-07	36%
Inhalation of Indoor Air	2.8E-07	38%
Grand Total	7.2E-07	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Cobalt	9.7E-09	1%
Benzo(a)anthracene	1.1E-08	2%
Benzo(b)fluoranthene	1.6E-08	2%
Dibenze(a,h)anthracene	2.4E-08	3%
Benzene	4.9E-08	7%
1,4-Dioxane	5.5E-08	8%
Carbon tetrachloride	7.5E-08	11%
Chloroform	9.0E-08	13%
Benzo(a)pyrene	1.0E-07	15%
Arsenic	2.6E-07	38%

Table K-158 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Outdoor Air	1.0E-03	0%
Dermal Contact with Soil	2.0E-03	1%
Inhalation of Particulate/Vapors Outdoors	7.0E-03	3%
Inhalation of Indoor Air	2.6E-02	11%
Ingestion of Soil	2.1E-01	85%
Grand Total	2.5E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,4-Dioxane	4.3E-03	2%
Trichloroethene	5.0E-03	2%
Mercury, elemental	6.3E-03	3%
Arsenic	6.8E-03	3%
Isopropanol	1.0E-02	4%
Aluminum	1.1E-02	4%
Thallium (Soluble Salts)	2.7E-02	11%
Nickel	3.0E-02	12%
Iron	3.6E-02	15%
Cobalt	1.1E-01	44%

Table K-159 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	2.7E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.9E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	5.1E-09	0%
Inhalation of Outdoor Air at CJ	2.3E-08	0%
Inhalation of Outdoor Air at Home	2.3E-08	0%
Dermal Contact with Soil at CJ	1.6E-07	3%
Ingestion of Soil at CJ	2.6E-07	4%
Inhalation of Indoor Air at CJ	2.8E-07	5%
Dermal Contact with Soil at Home	5.9E-07	10%
Ingestion of Soil at Home	1.2E-06	20%
Inhalation of Indoor Air at Home	3.5E-06	58%
Grand Total	6.0E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Bromoform	1.4E-07	3%
Benzo(b)fluoranthene	1.5E-07	3%
Trichloroethene	1.6E-07	3%
Benzene	2.4E-07	4%
Dibenze(a,h)anthracene	2.7E-07	5%
Carbon tetrachloride	2.8E-07	5%
Arsenic	4.3E-07	8%
Bromodichloromethane	1.1E-06	19%
Benzo(a)pyrene	1.1E-06	20%
Chloroform	1.7E-06	30%

Table K-160 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.0E-03	0%
Dermal Contact with Soil at CJ	2.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at CJ	7.0E-03	1%
Inhalation of Indoor Air at CJ	2.6E-02	3%
Inhalation of Particulate/Vapors Outdoors at Home	4.1E-02	5%
Ingestion of Soil at CJ	2.1E-01	26%
Ingestion of Soil at Home	2.6E-01	31%
Inhalation of Indoor Air at Home	2.7E-01	33%
Grand Total	8.2E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	1.1E-02	1%
Benzene	1.2E-02	1%
Isopropanol	2.1E-02	3%
Aluminum	3.1E-02	4%
Thallium (Soluble Salts)	4.4E-02	6%
Mercury, elemental	4.5E-02	6%
Nickel	6.6E-02	8%
Iron	9.0E-02	11%
Trichloroethene	2.3E-01	29%
Cobalt	2.3E-01	30%

Table K-161 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	2.7E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.9E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	5.4E-09	0%
Inhalation of Outdoor Air at Home	2.3E-08	0%
Inhalation of Outdoor Air at CJ	2.3E-08	0%
Dermal Contact with Soil at Home	5.9E-08	0%
Dermal Contact with Soil at CJ	1.6E-07	0%
Ingestion of Soil at CJ	2.6E-07	1%
Inhalation of Indoor Air at CJ	2.8E-07	1%
Ingestion of Soil at Home	2.8E-07	1%
Inhalation of Indoor Air at Home	4.4E-05	98%
Grand Total	4.5E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(b)fluoranthene	1.6E-08	0%
Dibenze(a,h)anthracene	2.4E-08	0%
Cobalt	3.1E-08	0%
1,4-Dioxane	5.5E-08	0%
Benzene	5.7E-08	0%
Carbon tetrachloride	8.3E-08	0%
Chloroform	9.5E-08	0%
Benzo(a)pyrene	1.0E-07	0%
Arsenic	6.0E-07	1%
Formaldehyde	4.4E-05	98%

Table K-162 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.5E-03	0%
Dermal Contact with Soil at CJ	2.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at CJ	7.0E-03	0%
Inhalation of Indoor Air at CJ	2.6E-02	1%
Inhalation of Particulate/Vapors Outdoors at Home	4.1E-02	1%
Ingestion of Soil at CJ	2.1E-01	5%
Ingestion of Soil at Home	2.7E-01	6%
Inhalation of Indoor Air at Home	4.0E+00	88%
Grand Total	4.6E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Trichloroethene	5.0E-03	0%
Isopropanol	1.0E-02	0%
Arsenic	1.6E-02	0%
Aluminum	3.5E-02	1%
Thallium (Soluble Salts)	4.1E-02	1%
Mercury, elemental	4.5E-02	1%
Nickel	7.0E-02	2%
Iron	9.3E-02	2%
Cobalt	2.4E-01	5%
Formaldehyde	4.0E+00	88%

Table K-163 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	2.7E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.9E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	8.7E-09	0%
Inhalation of Outdoor Air at Home	2.3E-08	0%
Inhalation of Outdoor Air at CJ	2.3E-08	0%
Dermal Contact with Soil at Home	1.1E-07	0%
Dermal Contact with Soil at CJ	1.6E-07	1%
Ingestion of Soil at CJ	2.6E-07	1%
Inhalation of Indoor Air at CJ	2.8E-07	1%
Ingestion of Soil at Home	2.8E-07	1%
Inhalation of Indoor Air at Home	3.0E-05	96%
Grand Total	3.1E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Dibenze(a,h)anthracene	2.4E-08	0%
Cobalt	3.3E-08	0%
Benzo(b)fluoranthene	3.7E-08	0%
1,4-Dioxane	5.5E-08	0%
Benzene	5.7E-08	0%
Carbon tetrachloride	8.3E-08	0%
Chloroform	9.5E-08	0%
Benzo(a)pyrene	3.3E-07	1%
Arsenic	3.9E-07	1%
Formaldehyde	3.0E-05	96%

Table K-164 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Dermal Contact with Soil at Home	6.1E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	2.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at CJ	7.0E-03	0%
Inhalation of Indoor Air at CJ	2.6E-02	1%
Inhalation of Particulate/Vapors Outdoors at Home	4.2E-02	1%
Ingestion of Soil at CJ	2.1E-01	6%
Ingestion of Soil at Home	3.6E-01	11%
Inhalation of Indoor Air at Home	2.8E+00	81%
Grand Total	3.4E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Trichloroethene	5.0E-03	0%
Isopropanol	1.0E-02	0%
Arsenic	1.0E-02	0%
Thallium (Soluble Salts)	2.7E-02	1%
Aluminum	3.0E-02	1%
Mercury, elemental	4.5E-02	1%
Nickel	9.7E-02	3%
Iron	9.8E-02	3%
Cobalt	3.2E-01	10%
Formaldehyde	2.7E+00	81%

Table K-165 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors at Home	1.1E-12	0%
Consumption of Locally Caught Fish	2.7E-12	0%
Dermal Contact with Soil at Home	1.1E-10	0%
Ingestion of Soil at Home	8.0E-10	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.9E-09	0%
Inhalation of Outdoor Air at CJ	2.3E-08	2%
Inhalation of Outdoor Air at Home	1.1E-07	9%
Dermal Contact with Soil at CJ	1.6E-07	14%
Ingestion of Soil at CJ	2.6E-07	23%
Inhalation of Indoor Air at CJ	2.8E-07	24%
Inhalation of Indoor Air at Home	3.2E-07	28%
Grand Total	1.2E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Dibenze(a,h)anthracene	2.5E-08	3%
Formaldehyde	3.1E-08	3%
2,3,4,7,8-PeCDF	3.8E-08	4%
1,4-Dioxane	5.5E-08	6%
Carbon tetrachloride	7.5E-08	8%
Benzene	8.0E-08	8%
Chloroform	9.0E-08	9%
Benzo(a)pyrene	1.1E-07	11%
Cobalt	1.9E-07	20%
Arsenic	2.7E-07	28%

Table K-166 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.2E-07	0%
Dermal Contact with Soil at Home	7.6E-07	0%
Ingestion of Soil at Home	4.0E-05	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	2.0E-03	1%
Inhalation of Particulate/Vapors Outdoors at CJ	7.0E-03	2%
Inhalation of Outdoor Air at Home	2.6E-02	7%
Inhalation of Indoor Air at CJ	2.6E-02	8%
Inhalation of Indoor Air at Home	7.7E-02	22%
Ingestion of Soil at CJ	2.1E-01	60%
Grand Total	3.5E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	8.6E-03	3%
Barium	9.3E-03	3%
Isopropanol	1.0E-02	3%
Hydrogen cyanide	1.1E-02	3%
Aluminum	1.1E-02	4%
Biphenyl	1.6E-02	5%
Thallium (Soluble Salts)	2.7E-02	9%
Nickel	3.1E-02	10%
Iron	3.6E-02	12%
Cobalt	1.5E-01	48%

Table K-167 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	3.9E-09	0%
Inhalation of Outdoor Air	2.3E-08	0%
Dermal Contact with Soil	5.3E-07	7%
Ingestion of Soil	1.2E-06	15%
Inhalation of Indoor Air	6.2E-06	78%
Grand Total	7.9E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Ethylbenzene	4.6E-08	1%
1,2-Dichloroethane	5.3E-08	1%
Chloroform	7.7E-08	1%
Dieldrin	8.0E-08	1%
Carbon tetrachloride	8.8E-08	1%
DDE	2.0E-07	3%
Benzo(a)pyrene	2.0E-07	3%
Benzene	5.6E-07	7%
Arsenic	1.2E-06	15%
Formaldehyde	5.3E-06	68%

Table K-168 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	8.9E-04	0%
Inhalation of Outdoor Air	1.0E-03	0%
Dermal Contact with Soil	9.6E-03	1%
Ingestion of Soil	2.2E-01	28%
Inhalation of Indoor Air	5.6E-01	71%
Grand Total	7.9E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,2-Dichloroethane	3.4E-03	0%
Thallium (Soluble Salts)	8.1E-03	1%
Aluminum	1.2E-02	1%
Benzene	2.8E-02	4%
Nickel	2.8E-02	4%
Isopropanol	3.0E-02	4%
Arsenic	3.1E-02	4%
Iron	3.9E-02	5%
Cobalt	1.1E-01	14%
Formaldehyde	4.9E-01	63%

Table K-169 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	2.7E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	3.9E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	1.6E-08	0%
Inhalation of Outdoor Air at CJ	2.3E-08	0%
Inhalation of Outdoor Air at Home	2.3E-08	0%
Dermal Contact with Soil at CJ	5.3E-07	4%
Dermal Contact with Soil at Home	5.9E-07	5%
Ingestion of Soil at Home	1.2E-06	9%
Ingestion of Soil at CJ	1.2E-06	9%
Inhalation of Indoor Air at Home	3.5E-06	26%
Inhalation of Indoor Air at CJ	6.2E-06	47%
Grand Total	1.3E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(b)fluoranthene	1.8E-07	1%
DDE	2.2E-07	2%
Dibenze(a,h)anthracene	2.5E-07	2%
Carbon tetrachloride	3.0E-07	2%
Benzene	7.4E-07	6%
Bromodichloromethane	1.1E-06	9%
Benzo(a)pyrene	1.2E-06	10%
Arsenic	1.3E-06	11%
Chloroform	1.6E-06	13%
Formaldehyde	5.3E-06	44%

Table K-170 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	8.9E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.0E-03	0%
Dermal Contact with Soil at CJ	9.6E-03	1%
Ingestion of Soil at CJ	2.2E-01	17%
Ingestion of Soil at Home	2.6E-01	19%
Inhalation of Indoor Air at Home	2.7E-01	20%
Inhalation of Indoor Air at CJ	5.6E-01	42%
Grand Total	1.3E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Thallium (Soluble Salts)	2.5E-02	2%
Aluminum	3.2E-02	2%
Arsenic	3.5E-02	3%
Benzene	3.7E-02	3%
Isopropanol	4.1E-02	3%
Nickel	6.5E-02	5%
Iron	9.3E-02	7%
Trichloroethene	2.3E-01	18%
Cobalt	2.4E-01	19%
Formaldehyde	4.9E-01	38%

Table K-171 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	2.7E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	3.9E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	1.6E-08	0%
Inhalation of Outdoor Air at CJ	2.3E-08	0%
Inhalation of Outdoor Air at Home	2.3E-08	0%
Dermal Contact with Soil at Home	5.9E-08	0%
Ingestion of Soil at Home	2.8E-07	1%
Dermal Contact with Soil at CJ	5.3E-07	1%
Ingestion of Soil at CJ	1.2E-06	2%
Inhalation of Indoor Air at CJ	6.2E-06	12%
Inhalation of Indoor Air at Home	4.4E-05	84%
Grand Total	5.2E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Ethylbenzene	4.6E-08	0%
1,2-Dichloroethane	5.5E-08	0%
Dieldrin	8.0E-08	0%
Chloroform	8.1E-08	0%
Carbon tetrachloride	9.6E-08	0%
Benzo(a)pyrene	2.0E-07	0%
DDE	2.1E-07	0%
Benzene	5.6E-07	1%
Arsenic	1.5E-06	3%
Formaldehyde	4.9E-05	95%

Table K-172 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	8.9E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.5E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.2E-03	0%
Dermal Contact with Soil at CJ	9.6E-03	0%
Ingestion of Soil at CJ	2.2E-01	4%
Ingestion of Soil at Home	2.7E-01	5%
Inhalation of Indoor Air at CJ	5.6E-01	11%
Inhalation of Indoor Air at Home	4.0E+00	79%
Grand Total	5.1E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,2-Dichloroethane	3.5E-03	0%
Thallium (Soluble Salts)	2.3E-02	0%
Benzene	2.8E-02	1%
Isopropanol	3.0E-02	1%
Aluminum	3.6E-02	1%
Arsenic	3.9E-02	1%
Nickel	6.9E-02	1%
Iron	9.6E-02	2%
Cobalt	2.4E-01	5%
Formaldehyde	4.5E+00	89%

Table K-173 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	2.7E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	3.9E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.0E-08	0%
Inhalation of Outdoor Air at CJ	2.3E-08	0%
Inhalation of Outdoor Air at Home	2.3E-08	0%
Dermal Contact with Soil at Home	1.1E-07	0%
Ingestion of Soil at Home	2.8E-07	1%
Dermal Contact with Soil at CJ	5.3E-07	1%
Ingestion of Soil at CJ	1.2E-06	3%
Inhalation of Indoor Air at CJ	6.2E-06	16%
Inhalation of Indoor Air at Home	3.0E-05	78%
Grand Total	3.8E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,2-Dichloroethane	5.5E-08	0%
Benzo(b)fluoranthene	5.7E-08	0%
Dieldrin	8.0E-08	0%
Chloroform	8.1E-08	0%
Carbon tetrachloride	9.6E-08	0%
DDE	2.2E-07	1%
Benzo(a)pyrene	4.4E-07	1%
Benzene	5.6E-07	1%
Arsenic	1.3E-06	3%
Formaldehyde	3.5E-05	92%

Table K-174 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Dermal Contact with Soil at Home	6.1E-04	0%
Inhalation of Particulate/Vapors Outdoors at CJ	8.9E-04	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	4.2E-03	0%
Dermal Contact with Soil at CJ	9.6E-03	0%
Ingestion of Soil at CJ	2.2E-01	6%
Ingestion of Soil at Home	3.6E-01	9%
Inhalation of Indoor Air at CJ	5.6E-01	14%
Inhalation of Indoor Air at Home	2.8E+00	70%
Grand Total	3.9E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,2-Dichloroethane	3.5E-03	0%
Thallium (Soluble Salts)	8.1E-03	0%
Benzene	2.8E-02	1%
Isopropanol	3.0E-02	1%
Aluminum	3.1E-02	1%
Arsenic	3.4E-02	1%
Nickel	9.6E-02	2%
Iron	1.0E-01	3%
Cobalt	3.3E-01	8%
Formaldehyde	3.2E+00	83%

Table K-175 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors at Home	1.1E-12	0%
Consumption of Locally Caught Fish	2.7E-12	0%
Dermal Contact with Soil at Home	1.1E-10	0%
Ingestion of Soil at Home	8.0E-10	0%
Inhalation of Particulate/Vapors Outdoors at CJ	3.9E-09	0%
Inhalation of Outdoor Air at CJ	2.3E-08	0%
Inhalation of Outdoor Air at Home	1.1E-07	1%
Inhalation of Indoor Air at Home	3.2E-07	4%
Dermal Contact with Soil at CJ	5.3E-07	6%
Ingestion of Soil at CJ	1.2E-06	14%
Inhalation of Indoor Air at CJ	6.2E-06	74%
Grand Total	8.3E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,2-Dichloroethane	5.3E-08	1%
Chloroform	7.7E-08	1%
Dieldrin	8.0E-08	1%
Carbon tetrachloride	8.8E-08	1%
Cobalt	1.9E-07	2%
DDE	2.0E-07	3%
Benzo(a)pyrene	2.1E-07	3%
Benzene	5.9E-07	7%
Arsenic	1.2E-06	15%
Formaldehyde	5.4E-06	67%

Table K-176 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.2E-07	0%
Dermal Contact with Soil at Home	7.6E-07	0%
Ingestion of Soil at Home	4.0E-05	0%
Inhalation of Particulate/Vapors Outdoors at CJ	8.9E-04	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	9.6E-03	1%
Inhalation of Outdoor Air at Home	2.6E-02	3%
Inhalation of Indoor Air at Home	7.7E-02	9%
Ingestion of Soil at CJ	2.2E-01	25%
Inhalation of Indoor Air at CJ	5.6E-01	63%
Grand Total	8.9E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Hydrogen cyanide	1.1E-02	1%
Aluminum	1.2E-02	1%
Biphenyl	1.6E-02	2%
Benzene	2.9E-02	3%
Isopropanol	3.0E-02	4%
Nickel	3.0E-02	4%
Arsenic	3.2E-02	4%
Iron	3.9E-02	5%
Cobalt	1.5E-01	18%
Formaldehyde	4.9E-01	59%

Table K-177 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	1.7E-09	0%
Inhalation of Outdoor Air	2.3E-08	0%
Dermal Contact with Soil	1.2E-06	18%
Ingestion of Soil	1.4E-06	22%
Inhalation of Indoor Air	3.8E-06	59%
Grand Total	6.4E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
DDE	6.0E-09	0%
Cobalt	9.5E-09	0%
Benzo(a)pyrene	3.1E-08	0%
Chloroform	4.7E-08	1%
1,3-Butadiene	5.6E-08	1%
Benzene	6.3E-08	1%
Carbon tetrachloride	8.4E-08	1%
Arsenic	1.6E-07	2%
Chlordecone (Kepone)	2.4E-06	37%
Formaldehyde	3.6E-06	56%

Table K-178 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Outdoor Air	1.0E-03	0%
Dermal Contact with Soil	5.4E-03	1%
Inhalation of Particulate/Vapors Outdoors	1.2E-02	2%
Ingestion of Soil	1.7E-01	31%
Inhalation of Indoor Air	3.5E-01	65%
Grand Total	5.3E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzene	3.1E-03	1%
Arsenic	4.1E-03	1%
Chlordecone (Kepone)	9.2E-03	2%
Aluminum	1.0E-02	2%
1,3-Butadiene	1.1E-02	2%
Mercury, elemental	1.1E-02	2%
Nickel	2.8E-02	5%
Iron	3.2E-02	6%
Cobalt	9.0E-02	17%
Formaldehyde	3.3E-01	62%

Table K-179 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	2.7E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.7E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	5.2E-09	0%
Inhalation of Outdoor Air at Home	2.3E-08	0%
Inhalation of Outdoor Air at CJ	2.3E-08	0%
Dermal Contact with Soil at Home	5.9E-07	5%
Dermal Contact with Soil at CJ	1.2E-06	10%
Ingestion of Soil at Home	1.2E-06	10%
Ingestion of Soil at CJ	1.4E-06	12%
Inhalation of Indoor Air at Home	3.5E-06	30%
Inhalation of Indoor Air at CJ	3.8E-06	33%
Grand Total	1.2E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Trichloroethene	1.6E-07	1%
Dibenze(a,h)anthracene	2.5E-07	2%
Benzene	2.5E-07	2%
Carbon tetrachloride	2.9E-07	3%
Arsenic	3.3E-07	3%
Benzo(a)pyrene	1.0E-06	9%
Bromodichloromethane	1.1E-06	10%
Chloroform	1.6E-06	15%
Chlordecone (Kepone)	2.4E-06	22%
Formaldehyde	3.6E-06	33%

Table K-180 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Dermal Contact with Soil at Home	1.0E-03	0%
Dermal Contact with Soil at CJ	5.4E-03	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.2E-02	1%
Inhalation of Particulate/Vapors Outdoors at Home	6.9E-02	6%
Ingestion of Soil at CJ	1.7E-01	15%
Ingestion of Soil at Home	2.6E-01	23%
Inhalation of Indoor Air at Home	2.7E-01	24%
Inhalation of Indoor Air at CJ	3.5E-01	31%
Grand Total	1.1E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzene	1.2E-02	1%
Isopropanol	1.3E-02	1%
Thallium (Soluble Salts)	1.7E-02	2%
Aluminum	3.0E-02	3%
Nickel	6.5E-02	6%
Mercury, elemental	7.9E-02	7%
Iron	8.6E-02	8%
Cobalt	2.2E-01	20%
Trichloroethene	2.2E-01	21%
Formaldehyde	3.3E-01	30%

Table K-181 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	2.7E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.7E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	5.5E-09	0%
Inhalation of Outdoor Air at CJ	2.3E-08	0%
Inhalation of Outdoor Air at Home	2.3E-08	0%
Dermal Contact with Soil at Home	5.9E-08	0%
Ingestion of Soil at Home	2.8E-07	1%
Dermal Contact with Soil at CJ	1.2E-06	2%
Ingestion of Soil at CJ	1.4E-06	3%
Inhalation of Indoor Air at CJ	3.8E-06	7%
Inhalation of Indoor Air at Home	4.4E-05	87%
Grand Total	5.1E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
DDE	8.6E-09	0%
Cobalt	3.1E-08	0%
Benzo(a)pyrene	3.1E-08	0%
Chloroform	5.2E-08	0%
1,3-Butadiene	5.6E-08	0%
Benzene	7.1E-08	0%
Carbon tetrachloride	9.2E-08	0%
Arsenic	4.9E-07	1%
Chlordecone (Kepone)	2.4E-06	5%
Formaldehyde	4.8E-05	94%

Table K-182 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Dermal Contact with Soil at Home	1.5E-03	0%
Dermal Contact with Soil at CJ	5.4E-03	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.2E-02	0%
Inhalation of Particulate/Vapors Outdoors at Home	7.0E-02	1%
Ingestion of Soil at CJ	1.7E-01	3%
Ingestion of Soil at Home	2.7E-01	5%
Inhalation of Indoor Air at CJ	3.5E-01	7%
Inhalation of Indoor Air at Home	4.0E+00	82%
Grand Total	4.9E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Chlordecone (Kepone)	9.2E-03	0%
1,3-Butadiene	1.1E-02	0%
Arsenic	1.3E-02	0%
Thallium (Soluble Salts)	1.4E-02	0%
Aluminum	3.5E-02	1%
Nickel	6.9E-02	1%
Mercury, elemental	7.9E-02	2%
Iron	8.9E-02	2%
Cobalt	2.2E-01	4%
Formaldehyde	4.4E+00	89%

Table K-183 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	2.7E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.7E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	8.9E-09	0%
Inhalation of Outdoor Air at CJ	2.3E-08	0%
Inhalation of Outdoor Air at Home	2.3E-08	0%
Dermal Contact with Soil at Home	1.1E-07	0%
Ingestion of Soil at Home	2.8E-07	1%
Dermal Contact with Soil at CJ	1.2E-06	3%
Ingestion of Soil at CJ	1.4E-06	4%
Inhalation of Indoor Air at CJ	3.8E-06	10%
Inhalation of Indoor Air at Home	3.0E-05	81%
Grand Total	3.7E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(b)fluoranthene	2.7E-08	0%
Cobalt	3.3E-08	0%
Chloroform	5.2E-08	0%
1,3-Butadiene	5.6E-08	0%
Benzene	7.1E-08	0%
Carbon tetrachloride	9.2E-08	0%
Benzo(a)pyrene	2.6E-07	1%
Arsenic	2.9E-07	1%
Chlordecone (Kepone)	2.4E-06	6%
Formaldehyde	3.4E-05	91%

Table K-184 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Dermal Contact with Soil at Home	6.1E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	5.4E-03	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.2E-02	0%
Inhalation of Particulate/Vapors Outdoors at Home	7.1E-02	2%
Ingestion of Soil at CJ	1.7E-01	5%
Inhalation of Indoor Air at CJ	3.5E-01	9%
Ingestion of Soil at Home	3.6E-01	10%
Inhalation of Indoor Air at Home	2.8E+00	74%
Grand Total	3.7E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzene	3.5E-03	0%
Arsenic	7.7E-03	0%
Chlordecone (Kepone)	9.2E-03	0%
1,3-Butadiene	1.1E-02	0%
Aluminum	3.0E-02	1%
Mercury, elemental	7.9E-02	2%
Iron	9.4E-02	3%
Nickel	9.6E-02	3%
Cobalt	3.1E-01	8%
Formaldehyde	3.1E+00	83%

Table K-185 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors at Home	1.1E-12	0%
Consumption of Locally Caught Fish	2.7E-12	0%
Dermal Contact with Soil at Home	1.1E-10	0%
Ingestion of Soil at Home	8.0E-10	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.7E-09	0%
Inhalation of Outdoor Air at CJ	2.3E-08	0%
Inhalation of Outdoor Air at Home	1.1E-07	2%
Inhalation of Indoor Air at Home	3.2E-07	5%
Dermal Contact with Soil at CJ	1.2E-06	17%
Ingestion of Soil at CJ	1.4E-06	21%
Inhalation of Indoor Air at CJ	3.8E-06	56%
Grand Total	6.8E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(a)pyrene	3.7E-08	1%
2,3,4,7,8-PeCDF	3.8E-08	1%
Chloroform	4.8E-08	1%
1,3-Butadiene	5.6E-08	1%
Carbon tetrachloride	8.4E-08	1%
Benzene	9.3E-08	1%
Arsenic	1.7E-07	2%
Cobalt	1.9E-07	3%
Chlordecone (Kepone)	2.4E-06	36%
Formaldehyde	3.6E-06	54%

Table K-186 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.2E-07	0%
Dermal Contact with Soil at Home	7.6E-07	0%
Ingestion of Soil at Home	4.0E-05	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	5.4E-03	1%
Inhalation of Particulate/Vapors Outdoors at CJ	1.2E-02	2%
Inhalation of Outdoor Air at Home	2.6E-02	4%
Inhalation of Indoor Air at Home	7.7E-02	12%
Ingestion of Soil at CJ	1.7E-01	26%
Inhalation of Indoor Air at CJ	3.5E-01	55%
Grand Total	6.3E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Barium	9.3E-03	2%
Aluminum	1.0E-02	2%
Hydrogen cyanide	1.1E-02	2%
1,3-Butadiene	1.1E-02	2%
Mercury, elemental	1.1E-02	2%
Biphenyl	1.6E-02	3%
Nickel	3.0E-02	5%
Iron	3.2E-02	6%
Cobalt	1.3E-01	22%
Formaldehyde	3.3E-01	56%

Table K-187 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	2.8E-13	0%
Dermal Contact with Soil	1.8E-10	0%
Ingestion of Soil	6.4E-10	0%
Inhalation of Outdoor Air	3.1E-08	11%
Inhalation of Indoor Air	2.5E-07	89%
Grand Total	2.8E-07	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,3,4,6,7,8-HxCDF	5.9E-09	3%
Arsenic	7.9E-09	3%
Acetaldehyde	1.0E-08	4%
1,2,3,4,7,8-HxCDF	1.2E-08	5%
1,2,3,7,8-PeCDD	1.9E-08	8%
Napthalene	2.0E-08	8%
Formaldehyde	2.2E-08	10%
Benzene	2.4E-08	10%
2,3,4,7,8-PeCDF	3.0E-08	13%
Cobalt	8.2E-08	35%

Table K-188 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	4.5E-08	0%
Dermal Contact with Soil	1.0E-06	0%
Ingestion of Soil	1.8E-05	0%
Inhalation of Outdoor Air	7.4E-03	11%
Inhalation of Indoor Air	5.9E-02	89%
Grand Total	6.6E-02	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Hydrogen Chloride	1.5E-03	3%
Pentachlorobiphenyl	1.8E-03	3%
Formaldehyde	2.1E-03	3%
Napthalene	2.3E-03	4%
Cadmium	2.7E-03	4%
Acetaldehyde	5.9E-03	10%
Barium	6.0E-03	10%
Hydrogen cyanide	8.2E-03	13%
Biphenyl	1.3E-02	21%
Cobalt	1.8E-02	29%

Table K-189 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	1.5E-12	0%
Consumption of Locally Caught Fish	2.7E-12	0%
Dermal Contact with Soil	1.1E-10	0%
Ingestion of Soil	8.0E-10	0%
Inhalation of Outdoor Air	1.5E-07	25%
Inhalation of Indoor Air	4.4E-07	75%
Grand Total	5.9E-07	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,3,7,8-TCDD	1.0E-08	2%
Arsenic	1.4E-08	3%
Acetaldehyde	1.8E-08	3%
1,2,3,4,7,8-HxCDF	2.0E-08	4%
1,2,3,7,8-PeCDD	3.1E-08	6%
Napthalene	3.3E-08	6%
Formaldehyde	4.1E-08	8%
Benzene	4.1E-08	8%
2,3,4,7,8-PeCDF	5.0E-08	10%
Cobalt	2.5E-07	49%

Table K-190 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.8E-09	0%
Inhalation of Particulate/Vapors Outdoors	3.0E-07	0%
Dermal Contact with Soil	7.6E-07	0%
Ingestion of Soil	4.0E-05	0%
Inhalation of Outdoor Air	3.5E-02	25%
Inhalation of Indoor Air	1.0E-01	75%
Grand Total	1.4E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Hydrogen Chloride	2.7E-03	2%
Pentachlorobiphenyl	3.1E-03	2%
Napthalene	3.7E-03	3%
Formaldehyde	3.8E-03	3%
Cadmium	4.8E-03	4%
Acetaldehyde	1.0E-02	8%
Barium	1.2E-02	9%
Hydrogen cyanide	1.4E-02	11%
Biphenyl	2.1E-02	16%
Cobalt	5.4E-02	42%

Table K-191 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	1.6E-12	0%
Consumption of Locally Caught Fish	1.8E-11	0%
Dermal Contact with Soil	1.1E-09	0%
Ingestion of Soil	9.9E-09	2%
Inhalation of Outdoor Air	1.6E-07	25%
Inhalation of Indoor Air	4.9E-07	74%
Grand Total	6.6E-07	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	1.4E-08	3%
Acetaldehyde	1.8E-08	3%
1,2,3,4,7,8-HxCDF	2.1E-08	4%
Napthalene	3.3E-08	6%
1,2,3,7,8-PeCDD	3.3E-08	6%
Formaldehyde	4.1E-08	7%
Benzene	4.1E-08	8%
Benzo(a)pyrene	4.6E-08	8%
2,3,4,7,8-PeCDF	5.3E-08	10%
Cobalt	2.5E-07	46%

Table K-192 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	16
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	6.3E-09	0%
Inhalation of Particulate/Vapors Outdoors	3.0E-07	0%
Dermal Contact with Soil	4.6E-06	0%
Ingestion of Soil	4.3E-04	0%
Inhalation of Outdoor Air	3.5E-02	25%
Inhalation of Indoor Air	1.0E-01	75%
Grand Total	1.4E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Hydrogen Chloride	2.7E-03	2%
Pentachlorobiphenyl	3.1E-03	2%
Napthalene	3.7E-03	3%
Formaldehyde	3.8E-03	3%
Cadmium	4.8E-03	4%
Acetaldehyde	1.0E-02	8%
Barium	1.2E-02	9%
Hydrogen cyanide	1.4E-02	11%
Biphenyl	2.1E-02	16%
Cobalt	5.5E-02	42%

Table K-193 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	2.1E-10	0%
Inhalation of Outdoor Air	3.8E-09	0%
Dermal Contact with Soil	6.6E-08	5%
Ingestion of Soil	8.3E-08	6%
Inhalation of Indoor Air	1.1E-06	88%
Grand Total	1.3E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Chloroform	9.0E-09	1%
Benzene	1.0E-08	1%
Benzo(b)fluoranthene	1.1E-08	1%
1,2-Dichloroethane	1.3E-08	1%
1,3-Butadiene	1.4E-08	1%
Carbon tetrachloride	1.4E-08	1%
2,6-Dinitrotoluene	3.0E-08	2%
Arsenic	4.3E-08	3%
Benzo(a)pyrene	5.3E-08	4%
Formaldehyde	1.1E-06	84%

Table K-194 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	5.6E-04	0%
Inhalation of Outdoor Air	1.0E-03	0%
Dermal Contact with Soil	4.3E-03	1%
Ingestion of Soil	1.4E-01	18%
Inhalation of Indoor Air	6.2E-01	81%
Grand Total	7.6E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,6-Dinitrotoluene	4.7E-03	1%
1,2-Dichloroethane	5.0E-03	1%
Arsenic	6.8E-03	1%
Aluminum	7.9E-03	1%
Thallium (Soluble Salts)	1.1E-02	1%
1,3-Butadiene	1.6E-02	2%
Nickel	2.0E-02	3%
Iron	2.4E-02	3%
Cobalt	6.7E-02	9%
Formaldehyde	5.8E-01	78%

Table K-195 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.5E-13	0%
Inhalation of Particulate/Vapors Outdoors at CJ	2.1E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	8.5E-10	0%
Inhalation of Outdoor Air at CJ	3.8E-09	0%
Inhalation of Outdoor Air at Home	3.8E-09	0%
Dermal Contact with Soil at CJ	6.6E-08	3%
Ingestion of Soil at CJ	8.3E-08	4%
Dermal Contact with Soil at Home	9.9E-08	5%
Ingestion of Soil at Home	2.0E-07	9%
Inhalation of Indoor Air at Home	5.8E-07	27%
Inhalation of Indoor Air at CJ	1.1E-06	52%
Grand Total	2.2E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,6-Dinitrotoluene	3.0E-08	1%
Benzo(b)fluoranthene	3.4E-08	2%
Benzene	4.2E-08	2%
Dibenze(a,h)anthracene	4.3E-08	2%
Carbon tetrachloride	4.9E-08	2%
Arsenic	7.1E-08	4%
Bromodichloromethane	1.8E-07	9%
Benzo(a)pyrene	2.2E-07	11%
Chloroform	2.7E-07	14%
Formaldehyde	1.1E-06	53%

Table K-196 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	5.6E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.5E-03	0%
Dermal Contact with Soil at CJ	4.3E-03	0%
Ingestion of Soil at CJ	1.4E-01	11%
Ingestion of Soil at Home	2.6E-01	20%
Inhalation of Indoor Air at Home	2.7E-01	21%
Inhalation of Indoor Air at CJ	6.2E-01	48%
Grand Total	1.3E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzene	1.2E-02	1%
Isopropanol	1.5E-02	1%
1,3-Butadiene	1.6E-02	1%
Thallium (Soluble Salts)	2.7E-02	2%
Aluminum	2.8E-02	2%
Nickel	5.7E-02	5%
Iron	7.8E-02	6%
Cobalt	1.9E-01	16%
Trichloroethene	2.3E-01	18%
Formaldehyde	5.8E-01	47%

Table K-197 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.5E-13	0%
Inhalation of Particulate/Vapors Outdoors at CJ	2.1E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	8.9E-10	0%
Inhalation of Outdoor Air at CJ	3.8E-09	0%
Inhalation of Outdoor Air at Home	3.8E-09	0%
Dermal Contact with Soil at Home	9.8E-09	0%
Ingestion of Soil at Home	4.7E-08	1%
Dermal Contact with Soil at CJ	6.6E-08	1%
Ingestion of Soil at CJ	8.3E-08	1%
Inhalation of Indoor Air at CJ	1.1E-06	13%
Inhalation of Indoor Air at Home	7.4E-06	85%
Grand Total	8.7E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Chloroform	9.8E-09	0%
Benzo(b)fluoranthene	1.1E-08	0%
Benzene	1.2E-08	0%
1,2-Dichloroethane	1.3E-08	0%
1,3-Butadiene	1.4E-08	0%
Carbon tetrachloride	1.5E-08	0%
2,6-Dinitrotoluene	3.0E-08	0%
Benzo(a)pyrene	5.3E-08	1%
Arsenic	9.9E-08	1%
Formaldehyde	8.4E-06	97%

Table K-198 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	5.6E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.5E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.7E-03	0%
Dermal Contact with Soil at CJ	4.3E-03	0%
Ingestion of Soil at CJ	1.4E-01	3%
Ingestion of Soil at Home	2.7E-01	5%
Inhalation of Indoor Air at CJ	6.2E-01	12%
Inhalation of Indoor Air at Home	4.0E+00	80%
Grand Total	5.1E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,6-Dinitrotoluene	4.7E-03	0%
1,2-Dichloroethane	5.2E-03	0%
Arsenic	1.6E-02	0%
1,3-Butadiene	1.6E-02	0%
Thallium (Soluble Salts)	2.5E-02	0%
Aluminum	3.2E-02	1%
Nickel	6.1E-02	1%
Iron	8.1E-02	2%
Cobalt	2.0E-01	4%
Formaldehyde	4.6E+00	91%

Table K-199 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.5E-13	0%
Inhalation of Particulate/Vapors Outdoors at CJ	2.1E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	1.5E-09	0%
Inhalation of Outdoor Air at CJ	3.8E-09	0%
Inhalation of Outdoor Air at Home	3.8E-09	0%
Dermal Contact with Soil at Home	1.9E-08	0%
Ingestion of Soil at Home	4.7E-08	1%
Dermal Contact with Soil at CJ	6.6E-08	1%
Ingestion of Soil at CJ	8.3E-08	1%
Inhalation of Indoor Air at CJ	1.1E-06	18%
Inhalation of Indoor Air at Home	5.0E-06	79%
Grand Total	6.4E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Chloroform	9.8E-09	0%
Benzene	1.2E-08	0%
1,2-Dichloroethane	1.3E-08	0%
1,3-Butadiene	1.4E-08	0%
Benzo(b)fluoranthene	1.5E-08	0%
Carbon tetrachloride	1.5E-08	0%
2,6-Dinitrotoluene	3.0E-08	0%
Arsenic	6.6E-08	1%
Benzo(a)pyrene	9.1E-08	1%
Formaldehyde	6.1E-06	96%

Table K-200 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	5.6E-04	0%
Dermal Contact with Soil at Home	6.1E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.7E-03	0%
Dermal Contact with Soil at CJ	4.3E-03	0%
Ingestion of Soil at CJ	1.4E-01	4%
Ingestion of Soil at Home	3.6E-01	9%
Inhalation of Indoor Air at CJ	6.2E-01	16%
Inhalation of Indoor Air at Home	2.8E+00	71%
Grand Total	3.9E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,6-Dinitrotoluene	4.7E-03	0%
1,2-Dichloroethane	5.2E-03	0%
Arsenic	1.0E-02	0%
Thallium (Soluble Salts)	1.1E-02	0%
1,3-Butadiene	1.6E-02	0%
Aluminum	2.8E-02	1%
Iron	8.6E-02	2%
Nickel	8.8E-02	2%
Cobalt	2.8E-01	7%
Formaldehyde	3.3E+00	86%

Table K-201 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors at Home	2.8E-13	0%
Consumption of Locally Caught Fish	4.5E-13	0%
Dermal Contact with Soil at Home	3.0E-11	0%
Inhalation of Particulate/Vapors Outdoors at CJ	2.1E-10	0%
Ingestion of Soil at Home	2.2E-10	0%
Inhalation of Outdoor Air at CJ	3.8E-09	0%
Inhalation of Outdoor Air at Home	1.8E-08	1%
Inhalation of Indoor Air at Home	5.4E-08	4%
Dermal Contact with Soil at CJ	6.6E-08	5%
Ingestion of Soil at CJ	8.3E-08	6%
Inhalation of Indoor Air at CJ	1.1E-06	83%
Grand Total	1.4E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(b)fluoranthene	1.1E-08	1%
1,2-Dichloroethane	1.3E-08	1%
1,3-Butadiene	1.4E-08	1%
Carbon tetrachloride	1.4E-08	1%
Benzene	1.6E-08	1%
2,6-Dinitrotoluene	3.0E-08	2%
Cobalt	3.2E-08	2%
Arsenic	4.5E-08	3%
Benzo(a)pyrene	5.4E-08	4%
Formaldehyde	1.1E-06	82%

Table K-202 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.2E-07	0%
Dermal Contact with Soil at Home	1.1E-06	0%
Ingestion of Soil at Home	5.8E-05	0%
Inhalation of Particulate/Vapors Outdoors at CJ	5.6E-04	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	4.3E-03	0%
Inhalation of Outdoor Air at Home	2.6E-02	3%
Inhalation of Indoor Air at Home	7.7E-02	9%
Ingestion of Soil at CJ	1.4E-01	16%
Inhalation of Indoor Air at CJ	6.2E-01	72%
Grand Total	8.6E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	8.6E-03	1%
Barium	9.3E-03	1%
Hydrogen cyanide	1.1E-02	1%
Thallium (Soluble Salts)	1.1E-02	1%
Biphenyl	1.6E-02	2%
1,3-Butadiene	1.6E-02	2%
Nickel	2.2E-02	3%
Iron	2.4E-02	3%
Cobalt	1.1E-01	13%
Formaldehyde	5.9E-01	72%

Table K-203 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	5.4E-10	0%
Inhalation of Outdoor Air	3.8E-09	0%
Inhalation of Indoor Air	5.3E-08	2%
Ingestion of Soil	1.1E-06	47%
Dermal Contact with Soil	1.2E-06	51%
Grand Total	2.4E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(k)fluoranthene	1.3E-08	1%
Carbon tetrachloride	1.3E-08	1%
Benzene	1.3E-08	1%
Arsenic	1.4E-08	1%
Dieldrin	3.1E-08	1%
Indeno(1,2,3-cd)pyrene	3.8E-08	2%
Benzo(a)anthracene	1.8E-07	8%
Benzo(b)fluoranthene	2.4E-07	10%
Dibenze(a,h)anthracene	2.9E-07	12%
Benzo(a)pyrene	1.5E-06	64%

Table K-204 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	6.9E-04	0%
Inhalation of Outdoor Air	1.0E-03	1%
Dermal Contact with Soil	1.9E-03	1%
Inhalation of Indoor Air	5.6E-02	32%
Ingestion of Soil	1.2E-01	66%
Grand Total	1.8E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	2.2E-03	1%
Dieldrin	2.7E-03	2%
Benzene	4.0E-03	2%
Aluminum	9.5E-03	5%
1,3-Butadiene	1.4E-02	8%
Isopropanol	1.6E-02	9%
Trichloroethene	1.8E-02	11%
Nickel	2.0E-02	12%
Iron	2.5E-02	14%
Cobalt	6.2E-02	36%

Table K-205 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.5E-13	0%
Inhalation of Particulate/Vapors Outdoors at CJ	5.4E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.9E-09	0%
Inhalation of Outdoor Air at CJ	3.8E-09	0%
Inhalation of Outdoor Air at Home	3.8E-09	0%
Inhalation of Indoor Air at CJ	5.3E-08	2%
Dermal Contact with Soil at Home	9.9E-08	3%
Ingestion of Soil at Home	2.0E-07	6%
Inhalation of Indoor Air at Home	5.8E-07	18%
Ingestion of Soil at CJ	1.1E-06	34%
Dermal Contact with Soil at CJ	1.2E-06	37%
Grand Total	3.3E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	4.2E-08	1%
Benzene	4.4E-08	1%
Carbon tetrachloride	4.8E-08	2%
Indeno(1,2,3-cd)pyrene	4.9E-08	2%
Bromodichloromethane	1.8E-07	6%
Benzo(a)anthracene	1.9E-07	6%
Benzo(b)fluoranthene	2.7E-07	9%
Chloroform	2.7E-07	9%
Dibenze(a,h)anthracene	3.3E-07	11%
Benzo(a)pyrene	1.7E-06	54%

Table K-206 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.9E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.0E-03	0%
Dermal Contact with Soil at CJ	1.9E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.3E-03	0%
Inhalation of Indoor Air at CJ	5.6E-02	8%
Ingestion of Soil at CJ	1.2E-01	17%
Ingestion of Soil at Home	2.6E-01	36%
Inhalation of Indoor Air at Home	2.7E-01	38%
Grand Total	7.1E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Chloroform	8.4E-03	1%
Benzene	1.3E-02	2%
1,3-Butadiene	1.4E-02	2%
Thallium (Soluble Salts)	1.7E-02	2%
Isopropanol	2.7E-02	4%
Aluminum	3.0E-02	4%
Nickel	5.7E-02	8%
Iron	7.8E-02	12%
Cobalt	1.9E-01	28%
Trichloroethene	2.4E-01	36%

Table K-207 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.5E-13	0%
Inhalation of Particulate/Vapors Outdoors at CJ	5.4E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.0E-09	0%
Inhalation of Outdoor Air at CJ	3.8E-09	0%
Inhalation of Outdoor Air at Home	3.8E-09	0%
Dermal Contact with Soil at Home	9.8E-09	0%
Ingestion of Soil at Home	4.7E-08	0%
Inhalation of Indoor Air at CJ	5.3E-08	1%
Ingestion of Soil at CJ	1.1E-06	11%
Dermal Contact with Soil at CJ	1.2E-06	12%
Inhalation of Indoor Air at Home	7.4E-06	75%
Grand Total	9.8E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Carbon tetrachloride	1.5E-08	0%
Benzene	1.5E-08	0%
Dieldrin	3.1E-08	0%
Indeno(1,2,3-cd)pyrene	3.8E-08	0%
Arsenic	7.0E-08	1%
Benzo(a)anthracene	1.8E-07	2%
Benzo(b)fluoranthene	2.4E-07	3%
Dibenze(a,h)anthracene	2.9E-07	3%
Benzo(a)pyrene	1.5E-06	15%
Formaldehyde	7.3E-06	76%

Table K-208 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.9E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.5E-03	0%
Dermal Contact with Soil at CJ	1.9E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.6E-03	0%
Inhalation of Indoor Air at CJ	5.6E-02	1%
Ingestion of Soil at CJ	1.2E-01	3%
Ingestion of Soil at Home	2.7E-01	6%
Inhalation of Indoor Air at Home	4.0E+00	90%
Grand Total	4.5E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	1.1E-02	0%
1,3-Butadiene	1.4E-02	0%
Thallium (Soluble Salts)	1.4E-02	0%
Isopropanol	1.6E-02	0%
Trichloroethene	1.8E-02	0%
Aluminum	3.4E-02	1%
Nickel	6.1E-02	1%
Iron	8.1E-02	2%
Cobalt	1.9E-01	4%
Formaldehyde	4.0E+00	90%

Table K-209 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.5E-13	0%
Inhalation of Particulate/Vapors Outdoors at CJ	5.4E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.5E-09	0%
Inhalation of Outdoor Air at CJ	3.8E-09	0%
Inhalation of Outdoor Air at Home	3.8E-09	0%
Dermal Contact with Soil at Home	1.9E-08	0%
Ingestion of Soil at Home	4.7E-08	1%
Inhalation of Indoor Air at CJ	5.3E-08	1%
Ingestion of Soil at CJ	1.1E-06	15%
Dermal Contact with Soil at CJ	1.2E-06	16%
Inhalation of Indoor Air at Home	5.0E-06	67%
Grand Total	7.4E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Carbon tetrachloride	1.5E-08	0%
Benzene	1.5E-08	0%
Dieldrin	3.1E-08	0%
Arsenic	3.7E-08	0%
Indeno(1,2,3-cd)pyrene	3.8E-08	1%
Benzo(a)anthracene	1.8E-07	2%
Benzo(b)fluoranthene	2.5E-07	3%
Dibenze(a,h)anthracene	2.9E-07	4%
Benzo(a)pyrene	1.5E-06	21%
Formaldehyde	5.0E-06	68%

Table K-210 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Dermal Contact with Soil at Home	6.1E-04	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.9E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	1.9E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	4.5E-03	0%
Inhalation of Indoor Air at CJ	5.6E-02	2%
Ingestion of Soil at CJ	1.2E-01	4%
Ingestion of Soil at Home	3.6E-01	11%
Inhalation of Indoor Air at Home	2.8E+00	83%
Grand Total	3.3E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzene	4.4E-03	0%
Arsenic	5.8E-03	0%
1,3-Butadiene	1.4E-02	0%
Isopropanol	1.6E-02	0%
Trichloroethene	1.8E-02	1%
Aluminum	2.9E-02	1%
Iron	8.6E-02	3%
Nickel	8.8E-02	3%
Cobalt	2.8E-01	8%
Formaldehyde	2.7E+00	84%

Table K-211 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors at Home	2.8E-13	0%
Consumption of Locally Caught Fish	4.5E-13	0%
Dermal Contact with Soil at Home	3.0E-11	0%
Ingestion of Soil at Home	2.2E-10	0%
Inhalation of Particulate/Vapors Outdoors at CJ	5.4E-10	0%
Inhalation of Outdoor Air at CJ	3.8E-09	0%
Inhalation of Outdoor Air at Home	1.8E-08	1%
Inhalation of Indoor Air at CJ	5.3E-08	2%
Inhalation of Indoor Air at Home	5.4E-08	2%
Ingestion of Soil at CJ	1.1E-06	45%
Dermal Contact with Soil at CJ	1.2E-06	49%
Grand Total	2.4E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Carbon tetrachloride	1.3E-08	1%
Arsenic	1.6E-08	1%
Benzene	1.8E-08	1%
Dieldrin	3.1E-08	1%
Cobalt	3.2E-08	1%
Indeno(1,2,3-cd)pyrene	3.9E-08	2%
Benzo(a)anthracene	1.8E-07	8%
Benzo(b)fluoranthene	2.4E-07	10%
Dibenze(a,h)anthracene	2.9E-07	12%
Benzo(a)pyrene	1.5E-06	64%

Table K-212 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.2E-07	0%
Dermal Contact with Soil at Home	1.1E-06	0%
Ingestion of Soil at Home	5.8E-05	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.9E-04	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	1.9E-03	1%
Inhalation of Outdoor Air at Home	2.6E-02	9%
Inhalation of Indoor Air at CJ	5.6E-02	20%
Inhalation of Indoor Air at Home	7.7E-02	27%
Ingestion of Soil at CJ	1.2E-01	42%
Grand Total	2.8E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Barium	9.3E-03	4%
Aluminum	9.5E-03	4%
Hydrogen cyanide	1.1E-02	4%
1,3-Butadiene	1.4E-02	6%
Biphenyl	1.6E-02	7%
Isopropanol	1.6E-02	7%
Trichloroethene	1.8E-02	8%
Nickel	2.2E-02	9%
Iron	2.5E-02	10%
Cobalt	1.0E-01	42%

Table K-213 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	3.2E-10	0%
Inhalation of Outdoor Air	3.8E-09	3%
Dermal Contact with Soil	2.7E-08	22%
Ingestion of Soil	4.3E-08	36%
Inhalation of Indoor Air	4.6E-08	38%
Grand Total	1.2E-07	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Cobalt	1.6E-09	1%
Benzo(a)anthracene	1.8E-09	2%
Benzo(b)fluoranthene	2.6E-09	2%
Dibenze(a,h)anthracene	3.9E-09	3%
Benzene	8.2E-09	7%
1,4-Dioxane	9.1E-09	8%
Carbon tetrachloride	1.2E-08	11%
Chloroform	1.5E-08	13%
Benzo(a)pyrene	1.7E-08	15%
Arsenic	4.3E-08	38%

Table K-214 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Outdoor Air	1.0E-03	0%
Dermal Contact with Soil	2.0E-03	1%
Inhalation of Particulate/Vapors Outdoors	7.0E-03	3%
Inhalation of Indoor Air	2.6E-02	11%
Ingestion of Soil	2.1E-01	85%
Grand Total	2.5E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,4-Dioxane	4.3E-03	2%
Trichloroethene	5.0E-03	2%
Mercury, elemental	6.3E-03	3%
Arsenic	6.8E-03	3%
Isopropanol	1.0E-02	4%
Aluminum	1.1E-02	4%
Thallium (Soluble Salts)	2.7E-02	11%
Nickel	3.0E-02	12%
Iron	3.6E-02	15%
Cobalt	1.1E-01	44%

Table K-215 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.5E-13	0%
Inhalation of Particulate/Vapors Outdoors at CJ	3.2E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	8.5E-10	0%
Inhalation of Outdoor Air at CJ	3.8E-09	0%
Inhalation of Outdoor Air at Home	3.8E-09	0%
Dermal Contact with Soil at CJ	2.7E-08	3%
Ingestion of Soil at CJ	4.3E-08	4%
Inhalation of Indoor Air at CJ	4.6E-08	5%
Dermal Contact with Soil at Home	9.9E-08	10%
Ingestion of Soil at Home	2.0E-07	20%
Inhalation of Indoor Air at Home	5.8E-07	58%
Grand Total	1.0E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Bromoform	2.4E-08	3%
Benzo(b)fluoranthene	2.6E-08	3%
Trichloroethene	2.7E-08	3%
Benzene	3.9E-08	4%
Dibenze(a,h)anthracene	4.5E-08	5%
Carbon tetrachloride	4.7E-08	5%
Arsenic	7.1E-08	8%
Bromodichloromethane	1.8E-07	19%
Benzo(a)pyrene	1.8E-07	20%
Chloroform	2.8E-07	30%

Table K-216 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.0E-03	0%
Dermal Contact with Soil at CJ	2.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at CJ	7.0E-03	1%
Inhalation of Indoor Air at CJ	2.6E-02	3%
Inhalation of Particulate/Vapors Outdoors at Home	4.1E-02	5%
Ingestion of Soil at CJ	2.1E-01	26%
Ingestion of Soil at Home	2.6E-01	31%
Inhalation of Indoor Air at Home	2.7E-01	33%
Grand Total	8.2E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	1.1E-02	1%
Benzene	1.2E-02	1%
Isopropanol	2.1E-02	3%
Aluminum	3.1E-02	4%
Thallium (Soluble Salts)	4.4E-02	6%
Mercury, elemental	4.5E-02	6%
Nickel	6.6E-02	8%
Iron	9.0E-02	11%
Trichloroethene	2.3E-01	29%
Cobalt	2.3E-01	30%

Table K-217 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.5E-13	0%
Inhalation of Particulate/Vapors Outdoors at CJ	3.2E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	8.9E-10	0%
Inhalation of Outdoor Air at Home	3.8E-09	0%
Inhalation of Outdoor Air at CJ	3.8E-09	0%
Dermal Contact with Soil at Home	9.8E-09	0%
Dermal Contact with Soil at CJ	2.7E-08	0%
Ingestion of Soil at CJ	4.3E-08	1%
Inhalation of Indoor Air at CJ	4.6E-08	1%
Ingestion of Soil at Home	4.7E-08	1%
Inhalation of Indoor Air at Home	7.4E-06	98%
Grand Total	7.5E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(b)fluoranthene	2.6E-09	0%
Dibenze(a,h)anthracene	3.9E-09	0%
Cobalt	5.2E-09	0%
1,4-Dioxane	9.1E-09	0%
Benzene	9.5E-09	0%
Carbon tetrachloride	1.4E-08	0%
Chloroform	1.6E-08	0%
Benzo(a)pyrene	1.7E-08	0%
Arsenic	9.9E-08	1%
Formaldehyde	7.3E-06	98%

Table K-218 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.5E-03	0%
Dermal Contact with Soil at CJ	2.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at CJ	7.0E-03	0%
Inhalation of Indoor Air at CJ	2.6E-02	1%
Inhalation of Particulate/Vapors Outdoors at Home	4.1E-02	1%
Ingestion of Soil at CJ	2.1E-01	5%
Ingestion of Soil at Home	2.7E-01	6%
Inhalation of Indoor Air at Home	4.0E+00	88%
Grand Total	4.6E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Trichloroethene	5.0E-03	0%
Isopropanol	1.0E-02	0%
Arsenic	1.6E-02	0%
Aluminum	3.5E-02	1%
Thallium (Soluble Salts)	4.1E-02	1%
Mercury, elemental	4.5E-02	1%
Nickel	7.0E-02	2%
Iron	9.3E-02	2%
Cobalt	2.4E-01	5%
Formaldehyde	4.0E+00	88%

Table K-219 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.5E-13	0%
Inhalation of Particulate/Vapors Outdoors at CJ	3.2E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	1.5E-09	0%
Inhalation of Outdoor Air at Home	3.8E-09	0%
Inhalation of Outdoor Air at CJ	3.8E-09	0%
Dermal Contact with Soil at Home	1.9E-08	0%
Dermal Contact with Soil at CJ	2.7E-08	1%
Ingestion of Soil at CJ	4.3E-08	1%
Inhalation of Indoor Air at CJ	4.6E-08	1%
Ingestion of Soil at Home	4.7E-08	1%
Inhalation of Indoor Air at Home	5.0E-06	96%
Grand Total	5.2E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Dibenze(a,h)anthracene	3.9E-09	0%
Cobalt	5.6E-09	0%
Benzo(b)fluoranthene	6.1E-09	0%
1,4-Dioxane	9.1E-09	0%
Benzene	9.5E-09	0%
Carbon tetrachloride	1.4E-08	0%
Chloroform	1.6E-08	0%
Benzo(a)pyrene	5.6E-08	1%
Arsenic	6.6E-08	1%
Formaldehyde	5.0E-06	96%

Table K-220 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Dermal Contact with Soil at Home	6.1E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	2.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at CJ	7.0E-03	0%
Inhalation of Indoor Air at CJ	2.6E-02	1%
Inhalation of Particulate/Vapors Outdoors at Home	4.2E-02	1%
Ingestion of Soil at CJ	2.1E-01	6%
Ingestion of Soil at Home	3.6E-01	11%
Inhalation of Indoor Air at Home	2.8E+00	81%
Grand Total	3.4E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Trichloroethene	5.0E-03	0%
Isopropanol	1.0E-02	0%
Arsenic	1.0E-02	0%
Thallium (Soluble Salts)	2.7E-02	1%
Aluminum	3.0E-02	1%
Mercury, elemental	4.5E-02	1%
Nickel	9.7E-02	3%
Iron	9.8E-02	3%
Cobalt	3.2E-01	10%
Formaldehyde	2.7E+00	81%

Table K-221 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors at Home	2.8E-13	0%
Consumption of Locally Caught Fish	4.5E-13	0%
Dermal Contact with Soil at Home	3.0E-11	0%
Ingestion of Soil at Home	2.2E-10	0%
Inhalation of Particulate/Vapors Outdoors at CJ	3.2E-10	0%
Inhalation of Outdoor Air at CJ	3.8E-09	2%
Inhalation of Outdoor Air at Home	1.8E-08	9%
Dermal Contact with Soil at CJ	2.7E-08	14%
Ingestion of Soil at CJ	4.3E-08	23%
Inhalation of Indoor Air at CJ	4.6E-08	24%
Inhalation of Indoor Air at Home	5.4E-08	28%
Grand Total	1.9E-07	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Dibenze(a,h)anthracene	4.1E-09	3%
Formaldehyde	5.2E-09	3%
2,3,4,7,8-PeCDF	6.3E-09	4%
1,4-Dioxane	9.1E-09	6%
Carbon tetrachloride	1.2E-08	8%
Benzene	1.3E-08	8%
Chloroform	1.5E-08	9%
Benzo(a)pyrene	1.8E-08	11%
Cobalt	3.2E-08	20%
Arsenic	4.5E-08	28%

Table K-222 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.2E-07	0%
Dermal Contact with Soil at Home	1.1E-06	0%
Ingestion of Soil at Home	5.8E-05	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	2.0E-03	1%
Inhalation of Particulate/Vapors Outdoors at CJ	7.0E-03	2%
Inhalation of Outdoor Air at Home	2.6E-02	7%
Inhalation of Indoor Air at CJ	2.6E-02	8%
Inhalation of Indoor Air at Home	7.7E-02	22%
Ingestion of Soil at CJ	2.1E-01	60%
Grand Total	3.5E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	8.6E-03	3%
Barium	9.3E-03	3%
Isopropanol	1.0E-02	3%
Hydrogen cyanide	1.1E-02	3%
Aluminum	1.1E-02	4%
Biphenyl	1.6E-02	5%
Thallium (Soluble Salts)	2.7E-02	9%
Nickel	3.1E-02	10%
Iron	3.6E-02	12%
Cobalt	1.5E-01	48%

Table K-223 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	6.4E-10	0%
Inhalation of Outdoor Air	3.8E-09	0%
Dermal Contact with Soil	8.8E-08	7%
Ingestion of Soil	2.0E-07	15%
Inhalation of Indoor Air	1.0E-06	78%
Grand Total	1.3E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Ethylbenzene	7.7E-09	1%
1,2-Dichloroethane	8.9E-09	1%
Chloroform	1.3E-08	1%
Dieldrin	1.3E-08	1%
Carbon tetrachloride	1.5E-08	1%
DDE	3.4E-08	3%
Benzo(a)pyrene	3.4E-08	3%
Benzene	9.3E-08	7%
Arsenic	2.0E-07	15%
Formaldehyde	8.9E-07	68%

Table K-224 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	8.9E-04	0%
Inhalation of Outdoor Air	1.0E-03	0%
Dermal Contact with Soil	9.6E-03	1%
Ingestion of Soil	2.2E-01	28%
Inhalation of Indoor Air	5.6E-01	71%
Grand Total	7.9E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,2-Dichloroethane	3.4E-03	0%
Thallium (Soluble Salts)	8.1E-03	1%
Aluminum	1.2E-02	1%
Benzene	2.8E-02	4%
Nickel	2.8E-02	4%
Isopropanol	3.0E-02	4%
Arsenic	3.1E-02	4%
Iron	3.9E-02	5%
Cobalt	1.1E-01	14%
Formaldehyde	4.9E-01	63%

Table K-225 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.5E-13	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.4E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.7E-09	0%
Inhalation of Outdoor Air at CJ	3.8E-09	0%
Inhalation of Outdoor Air at Home	3.8E-09	0%
Dermal Contact with Soil at CJ	8.8E-08	4%
Dermal Contact with Soil at Home	9.9E-08	5%
Ingestion of Soil at Home	2.0E-07	9%
Ingestion of Soil at CJ	2.0E-07	9%
Inhalation of Indoor Air at Home	5.8E-07	26%
Inhalation of Indoor Air at CJ	1.0E-06	47%
Grand Total	2.2E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(b)fluoranthene	2.9E-08	1%
DDE	3.6E-08	2%
Dibenze(a,h)anthracene	4.1E-08	2%
Carbon tetrachloride	4.9E-08	2%
Benzene	1.2E-07	6%
Bromodichloromethane	1.8E-07	9%
Benzo(a)pyrene	2.0E-07	10%
Arsenic	2.2E-07	11%
Chloroform	2.7E-07	13%
Formaldehyde	8.9E-07	44%

Table K-226 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	8.9E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.0E-03	0%
Dermal Contact with Soil at CJ	9.6E-03	1%
Ingestion of Soil at CJ	2.2E-01	17%
Ingestion of Soil at Home	2.6E-01	19%
Inhalation of Indoor Air at Home	2.7E-01	20%
Inhalation of Indoor Air at CJ	5.6E-01	42%
Grand Total	1.3E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Thallium (Soluble Salts)	2.5E-02	2%
Aluminum	3.2E-02	2%
Arsenic	3.5E-02	3%
Benzene	3.7E-02	3%
Isopropanol	4.1E-02	3%
Nickel	6.5E-02	5%
Iron	9.3E-02	7%
Trichloroethene	2.3E-01	18%
Cobalt	2.4E-01	19%
Formaldehyde	4.9E-01	38%

Table K-227 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.5E-13	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.4E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.7E-09	0%
Inhalation of Outdoor Air at CJ	3.8E-09	0%
Inhalation of Outdoor Air at Home	3.8E-09	0%
Dermal Contact with Soil at Home	9.8E-09	0%
Ingestion of Soil at Home	4.7E-08	1%
Dermal Contact with Soil at CJ	8.8E-08	1%
Ingestion of Soil at CJ	2.0E-07	2%
Inhalation of Indoor Air at CJ	1.0E-06	12%
Inhalation of Indoor Air at Home	7.4E-06	84%
Grand Total	8.7E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Ethylbenzene	7.7E-09	0%
1,2-Dichloroethane	9.2E-09	0%
Dieldrin	1.3E-08	0%
Chloroform	1.4E-08	0%
Carbon tetrachloride	1.6E-08	0%
Benzo(a)pyrene	3.4E-08	0%
DDE	3.6E-08	0%
Benzene	9.4E-08	1%
Arsenic	2.5E-07	3%
Formaldehyde	8.2E-06	95%

Table K-228 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	8.9E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.5E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.2E-03	0%
Dermal Contact with Soil at CJ	9.6E-03	0%
Ingestion of Soil at CJ	2.2E-01	4%
Ingestion of Soil at Home	2.7E-01	5%
Inhalation of Indoor Air at CJ	5.6E-01	11%
Inhalation of Indoor Air at Home	4.0E+00	79%
Grand Total	5.1E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,2-Dichloroethane	3.5E-03	0%
Thallium (Soluble Salts)	2.3E-02	0%
Benzene	2.8E-02	1%
Isopropanol	3.0E-02	1%
Aluminum	3.6E-02	1%
Arsenic	3.9E-02	1%
Nickel	6.9E-02	1%
Iron	9.6E-02	2%
Cobalt	2.4E-01	5%
Formaldehyde	4.5E+00	89%

Table K-229 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.5E-13	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.4E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.3E-09	0%
Inhalation of Outdoor Air at CJ	3.8E-09	0%
Inhalation of Outdoor Air at Home	3.8E-09	0%
Dermal Contact with Soil at Home	1.9E-08	0%
Ingestion of Soil at Home	4.7E-08	1%
Dermal Contact with Soil at CJ	8.8E-08	1%
Ingestion of Soil at CJ	2.0E-07	3%
Inhalation of Indoor Air at CJ	1.0E-06	16%
Inhalation of Indoor Air at Home	5.0E-06	78%
Grand Total	6.4E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,2-Dichloroethane	9.2E-09	0%
Benzo(b)fluoranthene	9.5E-09	0%
Dieldrin	1.3E-08	0%
Chloroform	1.4E-08	0%
Carbon tetrachloride	1.6E-08	0%
DDE	3.7E-08	1%
Benzo(a)pyrene	7.3E-08	1%
Benzene	9.4E-08	1%
Arsenic	2.2E-07	3%
Formaldehyde	5.9E-06	92%

Table K-230 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Dermal Contact with Soil at Home	6.1E-04	0%
Inhalation of Particulate/Vapors Outdoors at CJ	8.9E-04	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	4.2E-03	0%
Dermal Contact with Soil at CJ	9.6E-03	0%
Ingestion of Soil at CJ	2.2E-01	6%
Ingestion of Soil at Home	3.6E-01	9%
Inhalation of Indoor Air at CJ	5.6E-01	14%
Inhalation of Indoor Air at Home	2.8E+00	70%
Grand Total	3.9E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,2-Dichloroethane	3.5E-03	0%
Thallium (Soluble Salts)	8.1E-03	0%
Benzene	2.8E-02	1%
Isopropanol	3.0E-02	1%
Aluminum	3.1E-02	1%
Arsenic	3.4E-02	1%
Nickel	9.6E-02	2%
Iron	1.0E-01	3%
Cobalt	3.3E-01	8%
Formaldehyde	3.2E+00	83%

Table K-231 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors at Home	2.8E-13	0%
Consumption of Locally Caught Fish	4.5E-13	0%
Dermal Contact with Soil at Home	3.0E-11	0%
Ingestion of Soil at Home	2.2E-10	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.4E-10	0%
Inhalation of Outdoor Air at CJ	3.8E-09	0%
Inhalation of Outdoor Air at Home	1.8E-08	1%
Inhalation of Indoor Air at Home	5.4E-08	4%
Dermal Contact with Soil at CJ	8.8E-08	6%
Ingestion of Soil at CJ	2.0E-07	14%
Inhalation of Indoor Air at CJ	1.0E-06	74%
Grand Total	1.4E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,2-Dichloroethane	8.9E-09	1%
Chloroform	1.3E-08	1%
Dieldrin	1.3E-08	1%
Carbon tetrachloride	1.5E-08	1%
Cobalt	3.2E-08	2%
DDE	3.4E-08	3%
Benzo(a)pyrene	3.5E-08	3%
Benzene	9.8E-08	7%
Arsenic	2.0E-07	15%
Formaldehyde	9.0E-07	67%

Table K-232 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.2E-07	0%
Dermal Contact with Soil at Home	1.1E-06	0%
Ingestion of Soil at Home	5.8E-05	0%
Inhalation of Particulate/Vapors Outdoors at CJ	8.9E-04	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	9.6E-03	1%
Inhalation of Outdoor Air at Home	2.6E-02	3%
Inhalation of Indoor Air at Home	7.7E-02	9%
Ingestion of Soil at CJ	2.2E-01	25%
Inhalation of Indoor Air at CJ	5.6E-01	63%
Grand Total	8.9E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Hydrogen cyanide	1.1E-02	1%
Aluminum	1.2E-02	1%
Biphenyl	1.6E-02	2%
Benzene	2.9E-02	3%
Isopropanol	3.0E-02	4%
Nickel	3.0E-02	4%
Arsenic	3.2E-02	4%
Iron	3.9E-02	5%
Cobalt	1.5E-01	18%
Formaldehyde	4.9E-01	59%

Table K-233 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	3.5E-13	0%
Inhalation of Particulate/Vapors Outdoors at CJ	9.3E-10	0%
Inhalation of Outdoor Air at CJ	2.5E-08	3%
Dermal Contact with Soil at CJ	7.7E-08	9%
Ingestion of Soil at CJ	1.5E-07	18%
Inhalation of Indoor Air at CJ	6.1E-07	71%
Grand Total	8.7E-07	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,2-Dichloroethane	2.0E-08	2%
Arsenic	2.2E-08	3%
Bromoform	2.5E-08	3%
Trichloroethene	2.8E-08	3%
Dibenze(a,h)anthracene	3.2E-08	4%
Benzene	3.9E-08	5%
Carbon tetrachloride	4.4E-08	5%
Benzo(a)pyrene	1.3E-07	16%
Bromodichloromethane	1.9E-07	23%
Chloroform	2.8E-07	35%

Table K-234 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	07
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-07
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.2E-09	0%
Dermal Contact with Soil at CJ	1.1E-03	0%
Inhalation of Particulate/Vapors Outdoors at CJ	3.7E-03	1%
Inhalation of Outdoor Air at CJ	8.8E-03	1%
Ingestion of Soil at CJ	2.7E-01	40%
Inhalation of Indoor Air at CJ	3.8E-01	58%
Grand Total	6.6E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,2-Dichloroethane	1.0E-02	2%
Chloroform	1.2E-02	2%
Benzene	1.6E-02	2%
Isopropanol	1.6E-02	3%
Thallium (Soluble Salts)	1.8E-02	3%
Aluminum	2.1E-02	3%
Nickel	3.8E-02	6%
Iron	5.6E-02	9%
Cobalt	1.4E-01	21%
Trichloroethene	3.2E-01	50%

Table K-235 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	2.9E-10	0%
Inhalation of Outdoor Air	3.8E-09	0%
Dermal Contact with Soil	1.9E-07	18%
Ingestion of Soil	2.4E-07	22%
Inhalation of Indoor Air	6.3E-07	59%
Grand Total	1.1E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
DDE	1.0E-09	0%
Cobalt	1.6E-09	0%
Benzo(a)pyrene	5.2E-09	0%
Chloroform	7.9E-09	1%
1,3-Butadiene	9.3E-09	1%
Benzene	1.0E-08	1%
Carbon tetrachloride	1.4E-08	1%
Arsenic	2.6E-08	2%
Chlordecone (Kepone)	4.0E-07	37%
Formaldehyde	5.9E-07	56%

Table K-236 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Outdoor Air	1.0E-03	0%
Dermal Contact with Soil	5.4E-03	1%
Inhalation of Particulate/Vapors Outdoors	1.2E-02	2%
Ingestion of Soil	1.7E-01	31%
Inhalation of Indoor Air	3.5E-01	65%
Grand Total	5.3E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzene	3.1E-03	1%
Arsenic	4.1E-03	1%
Chlordecone (Kepone)	9.2E-03	2%
Aluminum	1.0E-02	2%
1,3-Butadiene	1.1E-02	2%
Mercury, elemental	1.1E-02	2%
Nickel	2.8E-02	5%
Iron	3.2E-02	6%
Cobalt	9.0E-02	17%
Formaldehyde	3.3E-01	62%

Table K-237 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.5E-13	0%
Inhalation of Particulate/Vapors Outdoors at CJ	2.9E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	8.7E-10	0%
Inhalation of Outdoor Air at Home	3.8E-09	0%
Inhalation of Outdoor Air at CJ	3.8E-09	0%
Dermal Contact with Soil at Home	9.9E-08	5%
Dermal Contact with Soil at CJ	1.9E-07	10%
Ingestion of Soil at Home	2.0E-07	10%
Ingestion of Soil at CJ	2.4E-07	12%
Inhalation of Indoor Air at Home	5.8E-07	30%
Inhalation of Indoor Air at CJ	6.3E-07	33%
Grand Total	2.0E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Trichloroethene	2.6E-08	1%
Dibenze(a,h)anthracene	4.1E-08	2%
Benzene	4.2E-08	2%
Carbon tetrachloride	4.9E-08	3%
Arsenic	5.4E-08	3%
Benzo(a)pyrene	1.7E-07	9%
Bromodichloromethane	1.8E-07	10%
Chloroform	2.7E-07	15%
Chlordecone (Kepone)	4.0E-07	22%
Formaldehyde	5.9E-07	33%

Table K-238 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Dermal Contact with Soil at Home	1.0E-03	0%
Dermal Contact with Soil at CJ	5.4E-03	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.2E-02	1%
Inhalation of Particulate/Vapors Outdoors at Home	6.9E-02	6%
Ingestion of Soil at CJ	1.7E-01	15%
Ingestion of Soil at Home	2.6E-01	23%
Inhalation of Indoor Air at Home	2.7E-01	24%
Inhalation of Indoor Air at CJ	3.5E-01	31%
Grand Total	1.1E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzene	1.2E-02	1%
Isopropanol	1.3E-02	1%
Thallium (Soluble Salts)	1.7E-02	2%
Aluminum	3.0E-02	3%
Nickel	6.5E-02	6%
Mercury, elemental	7.9E-02	7%
Iron	8.6E-02	8%
Cobalt	2.2E-01	20%
Trichloroethene	2.2E-01	21%
Formaldehyde	3.3E-01	30%

Table K-239 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.5E-13	0%
Inhalation of Particulate/Vapors Outdoors at CJ	2.9E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	9.1E-10	0%
Inhalation of Outdoor Air at CJ	3.8E-09	0%
Inhalation of Outdoor Air at Home	3.8E-09	0%
Dermal Contact with Soil at Home	9.8E-09	0%
Ingestion of Soil at Home	4.7E-08	1%
Dermal Contact with Soil at CJ	1.9E-07	2%
Ingestion of Soil at CJ	2.4E-07	3%
Inhalation of Indoor Air at CJ	6.3E-07	7%
Inhalation of Indoor Air at Home	7.4E-06	87%
Grand Total	8.5E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
DDE	1.4E-09	0%
Cobalt	5.2E-09	0%
Benzo(a)pyrene	5.2E-09	0%
Chloroform	8.7E-09	0%
1,3-Butadiene	9.3E-09	0%
Benzene	1.2E-08	0%
Carbon tetrachloride	1.5E-08	0%
Arsenic	8.2E-08	1%
Chlordecone (Kepone)	4.0E-07	5%
Formaldehyde	7.9E-06	94%

Table K-240 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Dermal Contact with Soil at Home	1.5E-03	0%
Dermal Contact with Soil at CJ	5.4E-03	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.2E-02	0%
Inhalation of Particulate/Vapors Outdoors at Home	7.0E-02	1%
Ingestion of Soil at CJ	1.7E-01	3%
Ingestion of Soil at Home	2.7E-01	5%
Inhalation of Indoor Air at CJ	3.5E-01	7%
Inhalation of Indoor Air at Home	4.0E+00	82%
Grand Total	4.9E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Chlordecone (Kepone)	9.2E-03	0%
1,3-Butadiene	1.1E-02	0%
Arsenic	1.3E-02	0%
Thallium (Soluble Salts)	1.4E-02	0%
Aluminum	3.5E-02	1%
Nickel	6.9E-02	1%
Mercury, elemental	7.9E-02	2%
Iron	8.9E-02	2%
Cobalt	2.2E-01	4%
Formaldehyde	4.4E+00	89%

Table K-241 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	4.5E-13	0%
Inhalation of Particulate/Vapors Outdoors at CJ	2.9E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	1.5E-09	0%
Inhalation of Outdoor Air at CJ	3.8E-09	0%
Inhalation of Outdoor Air at Home	3.8E-09	0%
Dermal Contact with Soil at Home	1.9E-08	0%
Ingestion of Soil at Home	4.7E-08	1%
Dermal Contact with Soil at CJ	1.9E-07	3%
Ingestion of Soil at CJ	2.4E-07	4%
Inhalation of Indoor Air at CJ	6.3E-07	10%
Inhalation of Indoor Air at Home	5.0E-06	81%
Grand Total	6.1E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(b)fluoranthene	4.4E-09	0%
Cobalt	5.5E-09	0%
Chloroform	8.7E-09	0%
1,3-Butadiene	9.3E-09	0%
Benzene	1.2E-08	0%
Carbon tetrachloride	1.5E-08	0%
Benzo(a)pyrene	4.4E-08	1%
Arsenic	4.8E-08	1%
Chlordecone (Kepone)	4.0E-07	6%
Formaldehyde	5.6E-06	91%

Table K-242 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Dermal Contact with Soil at Home	6.1E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	5.4E-03	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.2E-02	0%
Inhalation of Particulate/Vapors Outdoors at Home	7.1E-02	2%
Ingestion of Soil at CJ	1.7E-01	5%
Inhalation of Indoor Air at CJ	3.5E-01	9%
Ingestion of Soil at Home	3.6E-01	10%
Inhalation of Indoor Air at Home	2.8E+00	74%
Grand Total	3.7E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzene	3.5E-03	0%
Arsenic	7.7E-03	0%
Chlordecone (Kepone)	9.2E-03	0%
1,3-Butadiene	1.1E-02	0%
Aluminum	3.0E-02	1%
Mercury, elemental	7.9E-02	2%
Iron	9.4E-02	3%
Nickel	9.6E-02	3%
Cobalt	3.1E-01	8%
Formaldehyde	3.1E+00	83%

Table K-243 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors at Home	2.8E-13	0%
Consumption of Locally Caught Fish	4.5E-13	0%
Dermal Contact with Soil at Home	3.0E-11	0%
Ingestion of Soil at Home	2.2E-10	0%
Inhalation of Particulate/Vapors Outdoors at CJ	2.9E-10	0%
Inhalation of Outdoor Air at CJ	3.8E-09	0%
Inhalation of Outdoor Air at Home	1.8E-08	2%
Inhalation of Indoor Air at Home	5.4E-08	5%
Dermal Contact with Soil at CJ	1.9E-07	17%
Ingestion of Soil at CJ	2.4E-07	21%
Inhalation of Indoor Air at CJ	6.3E-07	56%
Grand Total	1.1E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(a)pyrene	6.2E-09	1%
2,3,4,7,8-PeCDF	6.3E-09	1%
Chloroform	7.9E-09	1%
1,3-Butadiene	9.3E-09	1%
Carbon tetrachloride	1.4E-08	1%
Benzene	1.6E-08	1%
Arsenic	2.8E-08	2%
Cobalt	3.2E-08	3%
Chlordecone (Kepone)	4.0E-07	36%
Formaldehyde	6.0E-07	54%

Table K-244 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.2E-07	0%
Dermal Contact with Soil at Home	1.1E-06	0%
Ingestion of Soil at Home	5.8E-05	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	5.4E-03	1%
Inhalation of Particulate/Vapors Outdoors at CJ	1.2E-02	2%
Inhalation of Outdoor Air at Home	2.6E-02	4%
Inhalation of Indoor Air at Home	7.7E-02	12%
Ingestion of Soil at CJ	1.7E-01	26%
Inhalation of Indoor Air at CJ	3.5E-01	55%
Grand Total	6.3E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Barium	9.3E-03	2%
Aluminum	1.0E-02	2%
Hydrogen cyanide	1.1E-02	2%
1,3-Butadiene	1.1E-02	2%
Mercury, elemental	1.1E-02	2%
Biphenyl	1.6E-02	3%
Nickel	3.0E-02	5%
Iron	3.2E-02	6%
Cobalt	1.3E-01	22%
Formaldehyde	3.3E-01	56%

Table K-245 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	7.3E-14	0%
Dermal Contact with Soil	4.8E-11	0%
Ingestion of Soil	1.7E-10	0%
Inhalation of Outdoor Air	5.2E-09	11%
Inhalation of Indoor Air	4.1E-08	88%
Grand Total	4.7E-08	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,3,4,6,7,8-HxCDF	9.9E-10	3%
Arsenic	1.3E-09	3%
Acetaldehyde	1.7E-09	4%
1,2,3,4,7,8-HxCDF	2.0E-09	5%
1,2,3,7,8-PeCDD	3.1E-09	8%
Napthalene	3.3E-09	8%
Formaldehyde	3.7E-09	10%
Benzene	4.1E-09	10%
2,3,4,7,8-PeCDF	5.0E-09	13%
Cobalt	1.4E-08	35%

Table K-246 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	6.4E-08	0%
Dermal Contact with Soil	1.6E-06	0%
Ingestion of Soil	2.6E-05	0%
Inhalation of Outdoor Air	7.4E-03	11%
Inhalation of Indoor Air	5.9E-02	89%
Grand Total	6.6E-02	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Hydrogen Chloride	1.5E-03	3%
Pentachlorobiphenyl	1.8E-03	3%
Formaldehyde	2.1E-03	3%
Napthalene	2.3E-03	4%
Cadmium	2.7E-03	4%
Acetaldehyde	5.9E-03	10%
Barium	6.0E-03	10%
Hydrogen cyanide	8.2E-03	13%
Biphenyl	1.3E-02	21%
Cobalt	1.8E-02	29%

Table K-247 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	3.8E-13	0%
Consumption of Locally Caught Fish	4.5E-13	0%
Dermal Contact with Soil	3.0E-11	0%
Ingestion of Soil	2.2E-10	0%
Inhalation of Outdoor Air	2.5E-08	25%
Inhalation of Indoor Air	7.4E-08	75%
Grand Total	9.8E-08	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,3,7,8-TCDD	1.7E-09	2%
Arsenic	2.3E-09	3%
Acetaldehyde	3.0E-09	3%
1,2,3,4,7,8-HxCDF	3.3E-09	4%
1,2,3,7,8-PeCDD	5.3E-09	6%
Napthalene	5.5E-09	6%
Formaldehyde	6.9E-09	8%
Benzene	6.9E-09	8%
2,3,4,7,8-PeCDF	8.4E-09	10%
Cobalt	4.2E-08	49%

Table K-248 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	9 Months
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors	4.3E-07	0%
Dermal Contact with Soil	1.1E-06	0%
Ingestion of Soil	5.8E-05	0%
Inhalation of Outdoor Air	3.5E-02	25%
Inhalation of Indoor Air	1.0E-01	75%
Grand Total	1.4E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Hydrogen Chloride	2.7E-03	2%
Pentachlorobiphenyl	3.1E-03	2%
Napthalene	3.7E-03	3%
Formaldehyde	3.8E-03	3%
Cadmium	4.8E-03	4%
Acetaldehyde	1.0E-02	8%
Barium	1.2E-02	9%
Hydrogen cyanide	1.4E-02	11%
Biphenyl	2.1E-02	16%
Cobalt	5.4E-02	42%

Table K-249 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	5.2E-09	0%
Inhalation of Outdoor Air	9.5E-08	0%
Dermal Contact with Soil	1.6E-06	5%
Ingestion of Soil	2.1E-06	6%
Inhalation of Indoor Air	2.8E-05	88%
Grand Total	3.2E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Chloroform	2.3E-07	1%
Benzene	2.6E-07	1%
Benzo(b)fluoranthene	2.8E-07	1%
1,2-Dichloroethane	3.3E-07	1%
1,3-Butadiene	3.4E-07	1%
Carbon tetrachloride	3.5E-07	1%
2,6-Dinitrotoluene	7.5E-07	2%
Arsenic	1.1E-06	3%
Benzo(a)pyrene	1.3E-06	4%
Formaldehyde	2.7E-05	84%

Table K-250 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	5.6E-04	0%
Inhalation of Outdoor Air	1.0E-03	0%
Dermal Contact with Soil	4.3E-03	1%
Ingestion of Soil	1.4E-01	18%
Inhalation of Indoor Air	6.2E-01	81%
Grand Total	7.6E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,6-Dinitrotoluene	4.7E-03	1%
1,2-Dichloroethane	5.0E-03	1%
Arsenic	6.8E-03	1%
Aluminum	7.9E-03	1%
Thallium (Soluble Salts)	1.1E-02	1%
1,3-Butadiene	1.6E-02	2%
Nickel	2.0E-02	3%
Iron	2.4E-02	3%
Cobalt	6.7E-02	9%
Formaldehyde	5.8E-01	78%

Table K-251 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors at Home	7.0E-12	0%
Consumption of Locally Caught Fish	1.1E-11	0%
Dermal Contact with Soil at Home	7.5E-10	0%
Inhalation of Particulate/Vapors Outdoors at CJ	5.2E-09	0%
Ingestion of Soil at Home	5.4E-09	0%
Inhalation of Outdoor Air at CJ	9.5E-08	0%
Inhalation of Outdoor Air at Home	4.5E-07	1%
Inhalation of Indoor Air at Home	1.3E-06	4%
Dermal Contact with Soil at CJ	1.6E-06	5%
Ingestion of Soil at CJ	2.1E-06	6%
Inhalation of Indoor Air at CJ	2.8E-05	83%
Grand Total	3.4E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(b)fluoranthene	2.8E-07	1%
1,2-Dichloroethane	3.3E-07	1%
1,3-Butadiene	3.4E-07	1%
Carbon tetrachloride	3.5E-07	1%
Benzene	3.9E-07	1%
2,6-Dinitrotoluene	7.5E-07	2%
Cobalt	8.1E-07	2%
Arsenic	1.1E-06	3%
Benzo(a)pyrene	1.3E-06	4%
Formaldehyde	2.7E-05	82%

Table K-252 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.2E-07	0%
Dermal Contact with Soil at Home	1.1E-06	0%
Ingestion of Soil at Home	5.8E-05	0%
Inhalation of Particulate/Vapors Outdoors at CJ	5.6E-04	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	4.3E-03	0%
Inhalation of Outdoor Air at Home	2.6E-02	3%
Inhalation of Indoor Air at Home	7.7E-02	9%
Ingestion of Soil at CJ	1.4E-01	16%
Inhalation of Indoor Air at CJ	6.2E-01	72%
Grand Total	8.6E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	8.6E-03	1%
Barium	9.3E-03	1%
Hydrogen cyanide	1.1E-02	1%
Thallium (Soluble Salts)	1.1E-02	1%
Biphenyl	1.6E-02	2%
1,3-Butadiene	1.6E-02	2%
Nickel	2.2E-02	3%
Iron	2.4E-02	3%
Cobalt	1.1E-01	13%
Formaldehyde	5.9E-01	72%

Table K-253 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	1.3E-08	0%
Inhalation of Outdoor Air	9.5E-08	0%
Inhalation of Indoor Air	1.3E-06	2%
Ingestion of Soil	2.8E-05	47%
Dermal Contact with Soil	3.0E-05	51%
Grand Total	5.9E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(k)fluoranthene	3.3E-07	1%
Carbon tetrachloride	3.3E-07	1%
Benzene	3.3E-07	1%
Arsenic	3.5E-07	1%
Dieldrin	7.7E-07	1%
Indeno(1,2,3-cd)pyrene	9.6E-07	2%
Benzo(a)anthracene	4.5E-06	8%
Benzo(b)fluoranthene	6.1E-06	10%
Dibenze(a,h)anthracene	7.3E-06	12%
Benzo(a)pyrene	3.8E-05	64%

Table K-254 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	6.9E-04	0%
Inhalation of Outdoor Air	1.0E-03	1%
Dermal Contact with Soil	1.9E-03	1%
Inhalation of Indoor Air	5.6E-02	32%
Ingestion of Soil	1.2E-01	66%
Grand Total	1.8E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	2.2E-03	1%
Dieldrin	2.7E-03	2%
Benzene	4.0E-03	2%
Aluminum	9.5E-03	5%
1,3-Butadiene	1.4E-02	8%
Isopropanol	1.6E-02	9%
Trichloroethene	1.8E-02	11%
Nickel	2.0E-02	12%
Iron	2.5E-02	14%
Cobalt	6.2E-02	36%

Table K-255 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors at Home	7.0E-12	0%
Consumption of Locally Caught Fish	1.1E-11	0%
Dermal Contact with Soil at Home	7.5E-10	0%
Ingestion of Soil at Home	5.4E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.3E-08	0%
Inhalation of Outdoor Air at CJ	9.5E-08	0%
Inhalation of Outdoor Air at Home	4.5E-07	1%
Inhalation of Indoor Air at CJ	1.3E-06	2%
Inhalation of Indoor Air at Home	1.3E-06	2%
Ingestion of Soil at CJ	2.8E-05	45%
Dermal Contact with Soil at CJ	3.0E-05	49%
Grand Total	6.1E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Carbon tetrachloride	3.3E-07	1%
Arsenic	4.0E-07	1%
Benzene	4.6E-07	1%
Dieldrin	7.7E-07	1%
Cobalt	8.1E-07	1%
Indeno(1,2,3-cd)pyrene	9.6E-07	2%
Benzo(a)anthracene	4.5E-06	8%
Benzo(b)fluoranthene	6.1E-06	10%
Dibenze(a,h)anthracene	7.3E-06	12%
Benzo(a)pyrene	3.8E-05	64%

Table K-256 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.2E-07	0%
Dermal Contact with Soil at Home	1.1E-06	0%
Ingestion of Soil at Home	5.8E-05	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.9E-04	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	1.9E-03	1%
Inhalation of Outdoor Air at Home	2.6E-02	9%
Inhalation of Indoor Air at CJ	5.6E-02	20%
Inhalation of Indoor Air at Home	7.7E-02	27%
Ingestion of Soil at CJ	1.2E-01	42%
Grand Total	2.8E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Barium	9.3E-03	4%
Aluminum	9.5E-03	4%
Hydrogen cyanide	1.1E-02	4%
1,3-Butadiene	1.4E-02	6%
Biphenyl	1.6E-02	7%
Isopropanol	1.6E-02	7%
Trichloroethene	1.8E-02	8%
Nickel	2.2E-02	9%
Iron	2.5E-02	10%
Cobalt	1.0E-01	42%

Table K-257 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	7.9E-09	0%
Inhalation of Outdoor Air	9.5E-08	3%
Dermal Contact with Soil	6.7E-07	22%
Ingestion of Soil	1.1E-06	36%
Inhalation of Indoor Air	1.2E-06	38%
Grand Total	3.0E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Cobalt	4.0E-08	1%
Benzo(a)anthracene	4.5E-08	2%
Benzo(b)fluoranthene	6.5E-08	2%
Dibenze(a,h)anthracene	9.9E-08	3%
Benzene	2.1E-07	7%
1,4-Dioxane	2.3E-07	8%
Carbon tetrachloride	3.1E-07	11%
Chloroform	3.8E-07	13%
Benzo(a)pyrene	4.2E-07	15%
Arsenic	1.1E-06	38%

Table K-258 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Outdoor Air	1.0E-03	0%
Dermal Contact with Soil	2.0E-03	1%
Inhalation of Particulate/Vapors Outdoors	7.0E-03	3%
Inhalation of Indoor Air	2.6E-02	11%
Ingestion of Soil	2.1E-01	85%
Grand Total	2.5E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,4-Dioxane	4.3E-03	2%
Trichloroethene	5.0E-03	2%
Mercury, elemental	6.3E-03	3%
Arsenic	6.8E-03	3%
Isopropanol	1.0E-02	4%
Aluminum	1.1E-02	4%
Thallium (Soluble Salts)	2.7E-02	11%
Nickel	3.0E-02	12%
Iron	3.6E-02	15%
Cobalt	1.1E-01	44%

Table K-259 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors at Home	7.0E-12	0%
Consumption of Locally Caught Fish	1.1E-11	0%
Dermal Contact with Soil at Home	7.5E-10	0%
Ingestion of Soil at Home	5.4E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	7.9E-09	0%
Inhalation of Outdoor Air at CJ	9.5E-08	2%
Inhalation of Outdoor Air at Home	4.5E-07	9%
Dermal Contact with Soil at CJ	6.7E-07	14%
Ingestion of Soil at CJ	1.1E-06	23%
Inhalation of Indoor Air at CJ	1.2E-06	24%
Inhalation of Indoor Air at Home	1.3E-06	28%
Grand Total	4.8E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Dibenze(a,h)anthracene	1.0E-07	3%
Formaldehyde	1.3E-07	3%
2,3,4,7,8-PeCDF	1.6E-07	4%
1,4-Dioxane	2.3E-07	6%
Carbon tetrachloride	3.1E-07	8%
Benzene	3.3E-07	8%
Chloroform	3.8E-07	9%
Benzo(a)pyrene	4.5E-07	11%
Cobalt	8.1E-07	20%
Arsenic	1.1E-06	28%

Table K-260 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.2E-07	0%
Dermal Contact with Soil at Home	1.1E-06	0%
Ingestion of Soil at Home	5.8E-05	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	2.0E-03	1%
Inhalation of Particulate/Vapors Outdoors at CJ	7.0E-03	2%
Inhalation of Outdoor Air at Home	2.6E-02	7%
Inhalation of Indoor Air at CJ	2.6E-02	8%
Inhalation of Indoor Air at Home	7.7E-02	22%
Ingestion of Soil at CJ	2.1E-01	60%
Grand Total	3.5E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	8.6E-03	3%
Barium	9.3E-03	3%
Isopropanol	1.0E-02	3%
Hydrogen cyanide	1.1E-02	3%
Aluminum	1.1E-02	4%
Biphenyl	1.6E-02	5%
Thallium (Soluble Salts)	2.7E-02	9%
Nickel	3.1E-02	10%
Iron	3.6E-02	12%
Cobalt	1.5E-01	48%

Table K-261 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	1.6E-08	0%
Inhalation of Outdoor Air	9.5E-08	0%
Dermal Contact with Soil	2.2E-06	7%
Ingestion of Soil	5.0E-06	15%
Inhalation of Indoor Air	2.6E-05	78%
Grand Total	3.3E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Ethylbenzene	1.9E-07	1%
1,2-Dichloroethane	2.2E-07	1%
Chloroform	3.2E-07	1%
Dieldrin	3.3E-07	1%
Carbon tetrachloride	3.7E-07	1%
DDE	8.4E-07	3%
Benzo(a)pyrene	8.4E-07	3%
Benzene	2.3E-06	7%
Arsenic	4.9E-06	15%
Formaldehyde	2.2E-05	68%

Table K-262 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	8.9E-04	0%
Inhalation of Outdoor Air	1.0E-03	0%
Dermal Contact with Soil	9.6E-03	1%
Ingestion of Soil	2.2E-01	28%
Inhalation of Indoor Air	5.6E-01	71%
Grand Total	7.9E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,2-Dichloroethane	3.4E-03	0%
Thallium (Soluble Salts)	8.1E-03	1%
Aluminum	1.2E-02	1%
Benzene	2.8E-02	4%
Nickel	2.8E-02	4%
Isopropanol	3.0E-02	4%
Arsenic	3.1E-02	4%
Iron	3.9E-02	5%
Cobalt	1.1E-01	14%
Formaldehyde	4.9E-01	63%

Table K-263 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors at Home	7.0E-12	0%
Consumption of Locally Caught Fish	1.1E-11	0%
Dermal Contact with Soil at Home	7.5E-10	0%
Ingestion of Soil at Home	5.4E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.6E-08	0%
Inhalation of Outdoor Air at CJ	9.5E-08	0%
Inhalation of Outdoor Air at Home	4.5E-07	1%
Inhalation of Indoor Air at Home	1.3E-06	4%
Dermal Contact with Soil at CJ	2.2E-06	6%
Ingestion of Soil at CJ	5.0E-06	14%
Inhalation of Indoor Air at CJ	2.6E-05	74%
Grand Total	3.5E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,2-Dichloroethane	2.2E-07	1%
Chloroform	3.2E-07	1%
Dieldrin	3.3E-07	1%
Carbon tetrachloride	3.7E-07	1%
Cobalt	8.1E-07	2%
DDE	8.4E-07	3%
Benzo(a)pyrene	8.7E-07	3%
Benzene	2.4E-06	7%
Arsenic	4.9E-06	15%
Formaldehyde	2.2E-05	67%

Table K-264 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.2E-07	0%
Dermal Contact with Soil at Home	1.1E-06	0%
Ingestion of Soil at Home	5.8E-05	0%
Inhalation of Particulate/Vapors Outdoors at CJ	8.9E-04	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	9.6E-03	1%
Inhalation of Outdoor Air at Home	2.6E-02	3%
Inhalation of Indoor Air at Home	7.7E-02	9%
Ingestion of Soil at CJ	2.2E-01	25%
Inhalation of Indoor Air at CJ	5.6E-01	63%
Grand Total	8.9E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Hydrogen cyanide	1.1E-02	1%
Aluminum	1.2E-02	1%
Biphenyl	1.6E-02	2%
Benzene	2.9E-02	3%
Isopropanol	3.0E-02	4%
Nickel	3.0E-02	4%
Arsenic	3.2E-02	4%
Iron	3.9E-02	5%
Cobalt	1.5E-01	18%
Formaldehyde	4.9E-01	59%

Table K-265 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	7.2E-09	0%
Inhalation of Outdoor Air	9.5E-08	0%
Dermal Contact with Soil	4.8E-06	18%
Ingestion of Soil	5.9E-06	22%
Inhalation of Indoor Air	1.6E-05	59%
Grand Total	2.7E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
DDE	2.5E-08	0%
Cobalt	4.0E-08	0%
Benzo(a)pyrene	1.3E-07	0%
Chloroform	2.0E-07	1%
1,3-Butadiene	2.3E-07	1%
Benzene	2.6E-07	1%
Carbon tetrachloride	3.5E-07	1%
Arsenic	6.5E-07	2%
Chlordecone (Kepone)	9.9E-06	37%
Formaldehyde	1.5E-05	56%

Table K-266 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Outdoor Air	1.0E-03	0%
Dermal Contact with Soil	5.4E-03	1%
Inhalation of Particulate/Vapors Outdoors	1.2E-02	2%
Ingestion of Soil	1.7E-01	31%
Inhalation of Indoor Air	3.5E-01	65%
Grand Total	5.3E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzene	3.1E-03	1%
Arsenic	4.1E-03	1%
Chlordecone (Kepone)	9.2E-03	2%
Aluminum	1.0E-02	2%
1,3-Butadiene	1.1E-02	2%
Mercury, elemental	1.1E-02	2%
Nickel	2.8E-02	5%
Iron	3.2E-02	6%
Cobalt	9.0E-02	17%
Formaldehyde	3.3E-01	62%

Table K-267 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors at Home	7.0E-12	0%
Consumption of Locally Caught Fish	1.1E-11	0%
Dermal Contact with Soil at Home	7.5E-10	0%
Ingestion of Soil at Home	5.4E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	7.2E-09	0%
Inhalation of Outdoor Air at CJ	9.5E-08	0%
Inhalation of Outdoor Air at Home	4.5E-07	2%
Inhalation of Indoor Air at Home	1.3E-06	5%
Dermal Contact with Soil at CJ	4.8E-06	17%
Ingestion of Soil at CJ	5.9E-06	21%
Inhalation of Indoor Air at CJ	1.6E-05	56%
Grand Total	2.9E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(a)pyrene	1.6E-07	1%
2,3,4,7,8-PeCDF	1.6E-07	1%
Chloroform	2.0E-07	1%
1,3-Butadiene	2.3E-07	1%
Carbon tetrachloride	3.5E-07	1%
Benzene	3.9E-07	1%
Arsenic	6.9E-07	2%
Cobalt	8.1E-07	3%
Chlordecone (Kepone)	9.9E-06	36%
Formaldehyde	1.5E-05	54%

Table K-268 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.2E-07	0%
Dermal Contact with Soil at Home	1.1E-06	0%
Ingestion of Soil at Home	5.8E-05	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	5.4E-03	1%
Inhalation of Particulate/Vapors Outdoors at CJ	1.2E-02	2%
Inhalation of Outdoor Air at Home	2.6E-02	4%
Inhalation of Indoor Air at Home	7.7E-02	12%
Ingestion of Soil at CJ	1.7E-01	26%
Inhalation of Indoor Air at CJ	3.5E-01	55%
Grand Total	6.3E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Barium	9.3E-03	2%
Aluminum	1.0E-02	2%
Hydrogen cyanide	1.1E-02	2%
1,3-Butadiene	1.1E-02	2%
Mercury, elemental	1.1E-02	2%
Biphenyl	1.6E-02	3%
Nickel	3.0E-02	5%
Iron	3.2E-02	6%
Cobalt	1.3E-01	22%
Formaldehyde	3.3E-01	56%

Table K-269 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	1.8E-12	0%
Dermal Contact with Soil	1.2E-09	0%
Ingestion of Soil	4.3E-09	0%
Inhalation of Outdoor Air	1.3E-07	11%
Inhalation of Indoor Air	1.0E-06	88%
Grand Total	1.2E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,3,4,6,7,8-HxCDF	2.5E-08	3%
Arsenic	3.3E-08	3%
Acetaldehyde	4.2E-08	4%
1,2,3,4,7,8-HxCDF	5.0E-08	5%
1,2,3,7,8-PeCDD	7.9E-08	8%
Napthalene	8.2E-08	8%
Formaldehyde	9.3E-08	10%
Benzene	1.0E-07	10%
2,3,4,7,8-PeCDF	1.3E-07	13%
Cobalt	3.4E-07	35%

Table K-270 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	6.4E-08	0%
Dermal Contact with Soil	1.6E-06	0%
Ingestion of Soil	2.6E-05	0%
Inhalation of Outdoor Air	7.4E-03	11%
Inhalation of Indoor Air	5.9E-02	89%
Grand Total	6.6E-02	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Hydrogen Chloride	1.5E-03	3%
Pentachlorobiphenyl	1.8E-03	3%
Formaldehyde	2.1E-03	3%
Napthalene	2.3E-03	4%
Cadmium	2.7E-03	4%
Acetaldehyde	5.9E-03	10%
Barium	6.0E-03	10%
Hydrogen cyanide	8.2E-03	13%
Biphenyl	1.3E-02	21%
Cobalt	1.8E-02	29%

Table K-271 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	9.6E-12	0%
Consumption of Locally Caught Fish	1.1E-11	0%
Dermal Contact with Soil	7.5E-10	0%
Ingestion of Soil	5.4E-09	0%
Inhalation of Outdoor Air	6.1E-07	25%
Inhalation of Indoor Air	1.8E-06	75%
Grand Total	2.5E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,3,7,8-TCDD	4.3E-08	2%
Arsenic	5.9E-08	3%
Acetaldehyde	7.4E-08	3%
1,2,3,4,7,8-HxCDF	8.3E-08	4%
1,2,3,7,8-PeCDD	1.3E-07	6%
Napthalene	1.4E-07	6%
Formaldehyde	1.7E-07	8%
Benzene	1.7E-07	8%
2,3,4,7,8-PeCDF	2.1E-07	10%
Cobalt	1.0E-06	49%

Table K-272 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	25
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors	4.3E-07	0%
Dermal Contact with Soil	1.1E-06	0%
Ingestion of Soil	5.8E-05	0%
Inhalation of Outdoor Air	3.5E-02	25%
Inhalation of Indoor Air	1.0E-01	75%
Grand Total	1.4E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Hydrogen Chloride	2.7E-03	2%
Pentachlorobiphenyl	3.1E-03	2%
Napthalene	3.7E-03	3%
Formaldehyde	3.8E-03	3%
Cadmium	4.8E-03	4%
Acetaldehyde	1.0E-02	8%
Barium	1.2E-02	9%
Hydrogen cyanide	1.4E-02	11%
Biphenyl	2.1E-02	16%
Cobalt	5.4E-02	42%

Table K-273 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	6.3E-10	0%
Inhalation of Outdoor Air	1.1E-08	0%
Dermal Contact with Soil	2.0E-07	5%
Ingestion of Soil	2.5E-07	6%
Inhalation of Indoor Air	3.4E-06	88%
Grand Total	3.8E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Chloroform	2.7E-08	1%
Benzene	3.1E-08	1%
Benzo(b)fluoranthene	3.4E-08	1%
1,2-Dichloroethane	3.9E-08	1%
1,3-Butadiene	4.1E-08	1%
Carbon tetrachloride	4.2E-08	1%
2,6-Dinitrotoluene	9.0E-08	2%
Arsenic	1.3E-07	3%
Benzo(a)pyrene	1.6E-07	4%
Formaldehyde	3.2E-06	84%

Table K-274 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	5.6E-04	0%
Inhalation of Outdoor Air	1.0E-03	0%
Dermal Contact with Soil	4.3E-03	1%
Ingestion of Soil	1.4E-01	18%
Inhalation of Indoor Air	6.2E-01	81%
Grand Total	7.6E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,6-Dinitrotoluene	4.7E-03	1%
1,2-Dichloroethane	5.0E-03	1%
Arsenic	6.8E-03	1%
Aluminum	7.9E-03	1%
Thallium (Soluble Salts)	1.1E-02	1%
1,3-Butadiene	1.6E-02	2%
Nickel	2.0E-02	3%
Iron	2.4E-02	3%
Cobalt	6.7E-02	9%
Formaldehyde	5.8E-01	78%

Table K-275 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	1.4E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.3E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.5E-09	0%
Inhalation of Outdoor Air at CJ	1.1E-08	0%
Inhalation of Outdoor Air at Home	1.1E-08	0%
Dermal Contact with Soil at CJ	2.0E-07	3%
Ingestion of Soil at CJ	2.5E-07	4%
Dermal Contact with Soil at Home	3.0E-07	5%
Ingestion of Soil at Home	5.9E-07	9%
Inhalation of Indoor Air at Home	1.7E-06	27%
Inhalation of Indoor Air at CJ	3.4E-06	52%
Grand Total	6.5E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,6-Dinitrotoluene	9.0E-08	1%
Benzo(b)fluoranthene	1.0E-07	2%
Benzene	1.2E-07	2%
Dibenze(a,h)anthracene	1.3E-07	2%
Carbon tetrachloride	1.5E-07	2%
Arsenic	2.1E-07	4%
Bromodichloromethane	5.4E-07	9%
Benzo(a)pyrene	6.5E-07	11%
Chloroform	8.1E-07	14%
Formaldehyde	3.2E-06	53%

Table K-276 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	5.6E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.5E-03	0%
Dermal Contact with Soil at CJ	4.3E-03	0%
Ingestion of Soil at CJ	1.4E-01	11%
Ingestion of Soil at Home	2.6E-01	20%
Inhalation of Indoor Air at Home	2.7E-01	21%
Inhalation of Indoor Air at CJ	6.2E-01	48%
Grand Total	1.3E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzene	1.2E-02	1%
Isopropanol	1.5E-02	1%
1,3-Butadiene	1.6E-02	1%
Thallium (Soluble Salts)	2.7E-02	2%
Aluminum	2.8E-02	2%
Nickel	5.7E-02	5%
Iron	7.8E-02	6%
Cobalt	1.9E-01	16%
Trichloroethene	2.3E-01	18%
Formaldehyde	5.8E-01	47%

Table K-277 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	1.4E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.3E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.7E-09	0%
Inhalation of Outdoor Air at CJ	1.1E-08	0%
Inhalation of Outdoor Air at Home	1.1E-08	0%
Dermal Contact with Soil at Home	2.9E-08	0%
Ingestion of Soil at Home	1.4E-07	1%
Dermal Contact with Soil at CJ	2.0E-07	1%
Ingestion of Soil at CJ	2.5E-07	1%
Inhalation of Indoor Air at CJ	3.4E-06	13%
Inhalation of Indoor Air at Home	2.2E-05	85%
Grand Total	2.6E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Chloroform	2.9E-08	0%
Benzo(b)fluoranthene	3.4E-08	0%
Benzene	3.5E-08	0%
1,2-Dichloroethane	4.0E-08	0%
1,3-Butadiene	4.1E-08	0%
Carbon tetrachloride	4.6E-08	0%
2,6-Dinitrotoluene	9.0E-08	0%
Benzo(a)pyrene	1.6E-07	1%
Arsenic	3.0E-07	1%
Formaldehyde	2.5E-05	97%

Table K-278 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	5.6E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.5E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.7E-03	0%
Dermal Contact with Soil at CJ	4.3E-03	0%
Ingestion of Soil at CJ	1.4E-01	3%
Ingestion of Soil at Home	2.7E-01	5%
Inhalation of Indoor Air at CJ	6.2E-01	12%
Inhalation of Indoor Air at Home	4.0E+00	80%
Grand Total	5.1E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,6-Dinitrotoluene	4.7E-03	0%
1,2-Dichloroethane	5.2E-03	0%
Arsenic	1.6E-02	0%
1,3-Butadiene	1.6E-02	0%
Thallium (Soluble Salts)	2.5E-02	0%
Aluminum	3.2E-02	1%
Nickel	6.1E-02	1%
Iron	8.1E-02	2%
Cobalt	2.0E-01	4%
Formaldehyde	4.6E+00	91%

Table K-279 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	1.4E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.3E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	4.4E-09	0%
Inhalation of Outdoor Air at CJ	1.1E-08	0%
Inhalation of Outdoor Air at Home	1.1E-08	0%
Dermal Contact with Soil at Home	5.7E-08	0%
Ingestion of Soil at Home	1.4E-07	1%
Dermal Contact with Soil at CJ	2.0E-07	1%
Ingestion of Soil at CJ	2.5E-07	1%
Inhalation of Indoor Air at CJ	3.4E-06	18%
Inhalation of Indoor Air at Home	1.5E-05	79%
Grand Total	1.9E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Chloroform	2.9E-08	0%
Benzene	3.5E-08	0%
1,2-Dichloroethane	4.0E-08	0%
1,3-Butadiene	4.1E-08	0%
Benzo(b)fluoranthene	4.4E-08	0%
Carbon tetrachloride	4.6E-08	0%
2,6-Dinitrotoluene	9.0E-08	0%
Arsenic	2.0E-07	1%
Benzo(a)pyrene	2.7E-07	1%
Formaldehyde	1.8E-05	96%

Table K-280 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	5.6E-04	0%
Dermal Contact with Soil at Home	6.1E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.7E-03	0%
Dermal Contact with Soil at CJ	4.3E-03	0%
Ingestion of Soil at CJ	1.4E-01	4%
Ingestion of Soil at Home	3.6E-01	9%
Inhalation of Indoor Air at CJ	6.2E-01	16%
Inhalation of Indoor Air at Home	2.8E+00	71%
Grand Total	3.9E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,6-Dinitrotoluene	4.7E-03	0%
1,2-Dichloroethane	5.2E-03	0%
Arsenic	1.0E-02	0%
Thallium (Soluble Salts)	1.1E-02	0%
1,3-Butadiene	1.6E-02	0%
Aluminum	2.8E-02	1%
Iron	8.6E-02	2%
Nickel	8.8E-02	2%
Cobalt	2.8E-01	7%
Formaldehyde	3.3E+00	86%

Table K-281 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors at Home	8.4E-13	0%
Consumption of Locally Caught Fish	1.4E-12	0%
Dermal Contact with Soil at Home	9.0E-11	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.3E-10	0%
Ingestion of Soil at Home	6.5E-10	0%
Inhalation of Outdoor Air at CJ	1.1E-08	0%
Inhalation of Outdoor Air at Home	5.4E-08	1%
Inhalation of Indoor Air at Home	1.6E-07	4%
Dermal Contact with Soil at CJ	2.0E-07	5%
Ingestion of Soil at CJ	2.5E-07	6%
Inhalation of Indoor Air at CJ	3.4E-06	83%
Grand Total	4.1E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(b)fluoranthene	3.4E-08	1%
1,2-Dichloroethane	3.9E-08	1%
1,3-Butadiene	4.1E-08	1%
Carbon tetrachloride	4.2E-08	1%
Benzene	4.7E-08	1%
2,6-Dinitrotoluene	9.0E-08	2%
Cobalt	9.7E-08	2%
Arsenic	1.3E-07	3%
Benzo(a)pyrene	1.6E-07	4%
Formaldehyde	3.2E-06	82%

Table K-282 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.2E-07	0%
Dermal Contact with Soil at Home	1.1E-06	0%
Ingestion of Soil at Home	5.8E-05	0%
Inhalation of Particulate/Vapors Outdoors at CJ	5.6E-04	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	4.3E-03	0%
Inhalation of Outdoor Air at Home	2.6E-02	3%
Inhalation of Indoor Air at Home	7.7E-02	9%
Ingestion of Soil at CJ	1.4E-01	16%
Inhalation of Indoor Air at CJ	6.2E-01	72%
Grand Total	8.6E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	8.6E-03	1%
Barium	9.3E-03	1%
Hydrogen cyanide	1.1E-02	1%
Thallium (Soluble Salts)	1.1E-02	1%
Biphenyl	1.6E-02	2%
1,3-Butadiene	1.6E-02	2%
Nickel	2.2E-02	3%
Iron	2.4E-02	3%
Cobalt	1.1E-01	13%
Formaldehyde	5.9E-01	72%

Table K-283 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	1.6E-09	0%
Inhalation of Outdoor Air	1.1E-08	0%
Inhalation of Indoor Air	1.6E-07	2%
Ingestion of Soil	3.3E-06	47%
Dermal Contact with Soil	3.6E-06	51%
Grand Total	7.1E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(k)fluoranthene	3.9E-08	1%
Carbon tetrachloride	4.0E-08	1%
Benzene	4.0E-08	1%
Arsenic	4.2E-08	1%
Dieldrin	9.2E-08	1%
Indeno(1,2,3-cd)pyrene	1.2E-07	2%
Benzo(a)anthracene	5.4E-07	8%
Benzo(b)fluoranthene	7.3E-07	10%
Dibenze(a,h)anthracene	8.7E-07	12%
Benzo(a)pyrene	4.5E-06	64%

Table K-284 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	6.9E-04	0%
Inhalation of Outdoor Air	1.0E-03	1%
Dermal Contact with Soil	1.9E-03	1%
Inhalation of Indoor Air	5.6E-02	32%
Ingestion of Soil	1.2E-01	66%
Grand Total	1.8E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	2.2E-03	1%
Dieldrin	2.7E-03	2%
Benzene	4.0E-03	2%
Aluminum	9.5E-03	5%
1,3-Butadiene	1.4E-02	8%
Isopropanol	1.6E-02	9%
Trichloroethene	1.8E-02	11%
Nickel	2.0E-02	12%
Iron	2.5E-02	14%
Cobalt	6.2E-02	36%

Table K-285 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	1.4E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.6E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	8.7E-09	0%
Inhalation of Outdoor Air at CJ	1.1E-08	0%
Inhalation of Outdoor Air at Home	1.1E-08	0%
Inhalation of Indoor Air at CJ	1.6E-07	2%
Dermal Contact with Soil at Home	3.0E-07	3%
Ingestion of Soil at Home	5.9E-07	6%
Inhalation of Indoor Air at Home	1.7E-06	18%
Ingestion of Soil at CJ	3.3E-06	34%
Dermal Contact with Soil at CJ	3.6E-06	37%
Grand Total	9.8E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	1.3E-07	1%
Benzene	1.3E-07	1%
Carbon tetrachloride	1.4E-07	2%
Indeno(1,2,3-cd)pyrene	1.5E-07	2%
Bromodichloromethane	5.4E-07	6%
Benzo(a)anthracene	5.8E-07	6%
Benzo(b)fluoranthene	8.0E-07	9%
Chloroform	8.2E-07	9%
Dibenze(a,h)anthracene	1.0E-06	11%
Benzo(a)pyrene	5.0E-06	54%

Table K-286 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.9E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.0E-03	0%
Dermal Contact with Soil at CJ	1.9E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.3E-03	0%
Inhalation of Indoor Air at CJ	5.6E-02	8%
Ingestion of Soil at CJ	1.2E-01	17%
Ingestion of Soil at Home	2.6E-01	36%
Inhalation of Indoor Air at Home	2.7E-01	38%
Grand Total	7.1E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Chloroform	8.4E-03	1%
Benzene	1.3E-02	2%
1,3-Butadiene	1.4E-02	2%
Thallium (Soluble Salts)	1.7E-02	2%
Isopropanol	2.7E-02	4%
Aluminum	3.0E-02	4%
Nickel	5.7E-02	8%
Iron	7.8E-02	12%
Cobalt	1.9E-01	28%
Trichloroethene	2.4E-01	36%

Table K-287 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	1.4E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.6E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	8.9E-09	0%
Inhalation of Outdoor Air at CJ	1.1E-08	0%
Inhalation of Outdoor Air at Home	1.1E-08	0%
Dermal Contact with Soil at Home	2.9E-08	0%
Ingestion of Soil at Home	1.4E-07	0%
Inhalation of Indoor Air at CJ	1.6E-07	1%
Ingestion of Soil at CJ	3.3E-06	11%
Dermal Contact with Soil at CJ	3.6E-06	12%
Inhalation of Indoor Air at Home	2.2E-05	75%
Grand Total	2.9E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Carbon tetrachloride	4.4E-08	0%
Benzene	4.4E-08	0%
Dieldrin	9.2E-08	0%
Indeno(1,2,3-cd)pyrene	1.2E-07	0%
Arsenic	2.1E-07	1%
Benzo(a)anthracene	5.4E-07	2%
Benzo(b)fluoranthene	7.3E-07	3%
Dibenze(a,h)anthracene	8.7E-07	3%
Benzo(a)pyrene	4.5E-06	15%
Formaldehyde	2.2E-05	76%

Table K-288 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.9E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.5E-03	0%
Dermal Contact with Soil at CJ	1.9E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.6E-03	0%
Inhalation of Indoor Air at CJ	5.6E-02	1%
Ingestion of Soil at CJ	1.2E-01	3%
Ingestion of Soil at Home	2.7E-01	6%
Inhalation of Indoor Air at Home	4.0E+00	90%
Grand Total	4.5E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	1.1E-02	0%
1,3-Butadiene	1.4E-02	0%
Thallium (Soluble Salts)	1.4E-02	0%
Isopropanol	1.6E-02	0%
Trichloroethene	1.8E-02	0%
Aluminum	3.4E-02	1%
Nickel	6.1E-02	1%
Iron	8.1E-02	2%
Cobalt	1.9E-01	4%
Formaldehyde	4.0E+00	90%

Table K-289 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	1.4E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.6E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	1.1E-08	0%
Inhalation of Outdoor Air at CJ	1.1E-08	0%
Inhalation of Outdoor Air at Home	1.1E-08	0%
Dermal Contact with Soil at Home	5.7E-08	0%
Ingestion of Soil at Home	1.4E-07	1%
Inhalation of Indoor Air at CJ	1.6E-07	1%
Ingestion of Soil at CJ	3.3E-06	15%
Dermal Contact with Soil at CJ	3.6E-06	16%
Inhalation of Indoor Air at Home	1.5E-05	67%
Grand Total	2.2E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Carbon tetrachloride	4.4E-08	0%
Benzene	4.4E-08	0%
Dieldrin	9.2E-08	0%
Arsenic	1.1E-07	0%
Indeno(1,2,3-cd)pyrene	1.2E-07	1%
Benzo(a)anthracene	5.4E-07	2%
Benzo(b)fluoranthene	7.4E-07	3%
Dibenze(a,h)anthracene	8.7E-07	4%
Benzo(a)pyrene	4.6E-06	21%
Formaldehyde	1.5E-05	68%

Table K-290 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Dermal Contact with Soil at Home	6.1E-04	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.9E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	1.9E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	4.5E-03	0%
Inhalation of Indoor Air at CJ	5.6E-02	2%
Ingestion of Soil at CJ	1.2E-01	4%
Ingestion of Soil at Home	3.6E-01	11%
Inhalation of Indoor Air at Home	2.8E+00	83%
Grand Total	3.3E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzene	4.4E-03	0%
Arsenic	5.8E-03	0%
1,3-Butadiene	1.4E-02	0%
Isopropanol	1.6E-02	0%
Trichloroethene	1.8E-02	1%
Aluminum	2.9E-02	1%
Iron	8.6E-02	3%
Nickel	8.8E-02	3%
Cobalt	2.8E-01	8%
Formaldehyde	2.7E+00	84%

Table K-291 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors at Home	8.4E-13	0%
Consumption of Locally Caught Fish	1.4E-12	0%
Dermal Contact with Soil at Home	9.0E-11	0%
Ingestion of Soil at Home	6.5E-10	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.6E-09	0%
Inhalation of Outdoor Air at CJ	1.1E-08	0%
Inhalation of Outdoor Air at Home	5.4E-08	1%
Inhalation of Indoor Air at CJ	1.6E-07	2%
Inhalation of Indoor Air at Home	1.6E-07	2%
Ingestion of Soil at CJ	3.3E-06	45%
Dermal Contact with Soil at CJ	3.6E-06	49%
Grand Total	7.3E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Carbon tetrachloride	4.0E-08	1%
Arsenic	4.8E-08	1%
Benzene	5.5E-08	1%
Dieldrin	9.2E-08	1%
Cobalt	9.7E-08	1%
Indeno(1,2,3-cd)pyrene	1.2E-07	2%
Benzo(a)anthracene	5.4E-07	8%
Benzo(b)fluoranthene	7.3E-07	10%
Dibenze(a,h)anthracene	8.7E-07	12%
Benzo(a)pyrene	4.5E-06	64%

Table K-292 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.2E-07	0%
Dermal Contact with Soil at Home	1.1E-06	0%
Ingestion of Soil at Home	5.8E-05	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.9E-04	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	1.9E-03	1%
Inhalation of Outdoor Air at Home	2.6E-02	9%
Inhalation of Indoor Air at CJ	5.6E-02	20%
Inhalation of Indoor Air at Home	7.7E-02	27%
Ingestion of Soil at CJ	1.2E-01	42%
Grand Total	2.8E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Barium	9.3E-03	4%
Aluminum	9.5E-03	4%
Hydrogen cyanide	1.1E-02	4%
1,3-Butadiene	1.4E-02	6%
Biphenyl	1.6E-02	7%
Isopropanol	1.6E-02	7%
Trichloroethene	1.8E-02	8%
Nickel	2.2E-02	9%
Iron	2.5E-02	10%
Cobalt	1.0E-01	42%

Table K-293 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	9.5E-10	0%
Inhalation of Outdoor Air	1.1E-08	3%
Dermal Contact with Soil	8.0E-08	22%
Ingestion of Soil	1.3E-07	36%
Inhalation of Indoor Air	1.4E-07	38%
Grand Total	3.6E-07	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Cobalt	4.9E-09	1%
Benzo(a)anthracene	5.4E-09	2%
Benzo(b)fluoranthene	7.9E-09	2%
Dibenze(a,h)anthracene	1.2E-08	3%
Benzene	2.5E-08	7%
1,4-Dioxane	2.7E-08	8%
Carbon tetrachloride	3.7E-08	11%
Chloroform	4.5E-08	13%
Benzo(a)pyrene	5.1E-08	15%
Arsenic	1.3E-07	38%

Table K-294 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Outdoor Air	1.0E-03	0%
Dermal Contact with Soil	2.0E-03	1%
Inhalation of Particulate/Vapors Outdoors	7.0E-03	3%
Inhalation of Indoor Air	2.6E-02	11%
Ingestion of Soil	2.1E-01	85%
Grand Total	2.5E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,4-Dioxane	4.3E-03	2%
Trichloroethene	5.0E-03	2%
Mercury, elemental	6.3E-03	3%
Arsenic	6.8E-03	3%
Isopropanol	1.0E-02	4%
Aluminum	1.1E-02	4%
Thallium (Soluble Salts)	2.7E-02	11%
Nickel	3.0E-02	12%
Iron	3.6E-02	15%
Cobalt	1.1E-01	44%

Table K-295 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	1.4E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	9.5E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.5E-09	0%
Inhalation of Outdoor Air at CJ	1.1E-08	0%
Inhalation of Outdoor Air at Home	1.1E-08	0%
Dermal Contact with Soil at CJ	8.0E-08	3%
Ingestion of Soil at CJ	1.3E-07	4%
Inhalation of Indoor Air at CJ	1.4E-07	5%
Dermal Contact with Soil at Home	3.0E-07	10%
Ingestion of Soil at Home	5.9E-07	20%
Inhalation of Indoor Air at Home	1.7E-06	58%
Grand Total	3.0E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Bromoform	7.2E-08	3%
Benzo(b)fluoranthene	7.7E-08	3%
Trichloroethene	8.1E-08	3%
Benzene	1.2E-07	4%
Dibenze(a,h)anthracene	1.3E-07	5%
Carbon tetrachloride	1.4E-07	5%
Arsenic	2.1E-07	8%
Bromodichloromethane	5.4E-07	19%
Benzo(a)pyrene	5.5E-07	20%
Chloroform	8.3E-07	30%

Table K-296 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.0E-03	0%
Dermal Contact with Soil at CJ	2.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at CJ	7.0E-03	1%
Inhalation of Indoor Air at CJ	2.6E-02	3%
Inhalation of Particulate/Vapors Outdoors at Home	4.1E-02	5%
Ingestion of Soil at CJ	2.1E-01	26%
Ingestion of Soil at Home	2.6E-01	31%
Inhalation of Indoor Air at Home	2.7E-01	33%
Grand Total	8.2E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	1.1E-02	1%
Benzene	1.2E-02	1%
Isopropanol	2.1E-02	3%
Aluminum	3.1E-02	4%
Thallium (Soluble Salts)	4.4E-02	6%
Mercury, elemental	4.5E-02	6%
Nickel	6.6E-02	8%
Iron	9.0E-02	11%
Trichloroethene	2.3E-01	29%
Cobalt	2.3E-01	30%

Table K-297 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	1.4E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	9.5E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.7E-09	0%
Inhalation of Outdoor Air at Home	1.1E-08	0%
Inhalation of Outdoor Air at CJ	1.1E-08	0%
Dermal Contact with Soil at Home	2.9E-08	0%
Dermal Contact with Soil at CJ	8.0E-08	0%
Ingestion of Soil at CJ	1.3E-07	1%
Inhalation of Indoor Air at CJ	1.4E-07	1%
Ingestion of Soil at Home	1.4E-07	1%
Inhalation of Indoor Air at Home	2.2E-05	98%
Grand Total	2.3E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(b)fluoranthene	7.9E-09	0%
Dibenze(a,h)anthracene	1.2E-08	0%
Cobalt	1.6E-08	0%
1,4-Dioxane	2.7E-08	0%
Benzene	2.9E-08	0%
Carbon tetrachloride	4.1E-08	0%
Chloroform	4.7E-08	0%
Benzo(a)pyrene	5.1E-08	0%
Arsenic	3.0E-07	1%
Formaldehyde	2.2E-05	98%

Table K-298 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.5E-03	0%
Dermal Contact with Soil at CJ	2.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at CJ	7.0E-03	0%
Inhalation of Indoor Air at CJ	2.6E-02	1%
Inhalation of Particulate/Vapors Outdoors at Home	4.1E-02	1%
Ingestion of Soil at CJ	2.1E-01	5%
Ingestion of Soil at Home	2.7E-01	6%
Inhalation of Indoor Air at Home	4.0E+00	88%
Grand Total	4.6E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Trichloroethene	5.0E-03	0%
Isopropanol	1.0E-02	0%
Arsenic	1.6E-02	0%
Aluminum	3.5E-02	1%
Thallium (Soluble Salts)	4.1E-02	1%
Mercury, elemental	4.5E-02	1%
Nickel	7.0E-02	2%
Iron	9.3E-02	2%
Cobalt	2.4E-01	5%
Formaldehyde	4.0E+00	88%

Table K-299 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	1.4E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	9.5E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	4.4E-09	0%
Inhalation of Outdoor Air at Home	1.1E-08	0%
Inhalation of Outdoor Air at CJ	1.1E-08	0%
Dermal Contact with Soil at Home	5.7E-08	0%
Dermal Contact with Soil at CJ	8.0E-08	1%
Ingestion of Soil at CJ	1.3E-07	1%
Inhalation of Indoor Air at CJ	1.4E-07	1%
Ingestion of Soil at Home	1.4E-07	1%
Inhalation of Indoor Air at Home	1.5E-05	96%
Grand Total	1.6E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Dibenze(a,h)anthracene	1.2E-08	0%
Cobalt	1.7E-08	0%
Benzo(b)fluoranthene	1.8E-08	0%
1,4-Dioxane	2.7E-08	0%
Benzene	2.9E-08	0%
Carbon tetrachloride	4.1E-08	0%
Chloroform	4.7E-08	0%
Benzo(a)pyrene	1.7E-07	1%
Arsenic	2.0E-07	1%
Formaldehyde	1.5E-05	96%

Table K-300 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Dermal Contact with Soil at Home	6.1E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	2.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at CJ	7.0E-03	0%
Inhalation of Indoor Air at CJ	2.6E-02	1%
Inhalation of Particulate/Vapors Outdoors at Home	4.2E-02	1%
Ingestion of Soil at CJ	2.1E-01	6%
Ingestion of Soil at Home	3.6E-01	11%
Inhalation of Indoor Air at Home	2.8E+00	81%
Grand Total	3.4E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Trichloroethene	5.0E-03	0%
Isopropanol	1.0E-02	0%
Arsenic	1.0E-02	0%
Thallium (Soluble Salts)	2.7E-02	1%
Aluminum	3.0E-02	1%
Mercury, elemental	4.5E-02	1%
Nickel	9.7E-02	3%
Iron	9.8E-02	3%
Cobalt	3.2E-01	10%
Formaldehyde	2.7E+00	81%

Table K-301 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors at Home	8.4E-13	0%
Consumption of Locally Caught Fish	1.4E-12	0%
Dermal Contact with Soil at Home	9.0E-11	0%
Ingestion of Soil at Home	6.5E-10	0%
Inhalation of Particulate/Vapors Outdoors at CJ	9.5E-10	0%
Inhalation of Outdoor Air at CJ	1.1E-08	2%
Inhalation of Outdoor Air at Home	5.4E-08	9%
Dermal Contact with Soil at CJ	8.0E-08	14%
Ingestion of Soil at CJ	1.3E-07	23%
Inhalation of Indoor Air at CJ	1.4E-07	24%
Inhalation of Indoor Air at Home	1.6E-07	28%
Grand Total	5.8E-07	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Dibenze(a,h)anthracene	1.2E-08	3%
Formaldehyde	1.5E-08	3%
2,3,4,7,8-PeCDF	1.9E-08	4%
1,4-Dioxane	2.7E-08	6%
Carbon tetrachloride	3.7E-08	8%
Benzene	4.0E-08	8%
Chloroform	4.5E-08	9%
Benzo(a)pyrene	5.4E-08	11%
Cobalt	9.7E-08	20%
Arsenic	1.3E-07	28%

Table K-302 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.2E-07	0%
Dermal Contact with Soil at Home	1.1E-06	0%
Ingestion of Soil at Home	5.8E-05	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	2.0E-03	1%
Inhalation of Particulate/Vapors Outdoors at CJ	7.0E-03	2%
Inhalation of Outdoor Air at Home	2.6E-02	7%
Inhalation of Indoor Air at CJ	2.6E-02	8%
Inhalation of Indoor Air at Home	7.7E-02	22%
Ingestion of Soil at CJ	2.1E-01	60%
Grand Total	3.5E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	8.6E-03	3%
Barium	9.3E-03	3%
Isopropanol	1.0E-02	3%
Hydrogen cyanide	1.1E-02	3%
Aluminum	1.1E-02	4%
Biphenyl	1.6E-02	5%
Thallium (Soluble Salts)	2.7E-02	9%
Nickel	3.1E-02	10%
Iron	3.6E-02	12%
Cobalt	1.5E-01	48%

Table K-303 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	1.9E-09	0%
Inhalation of Outdoor Air	1.1E-08	0%
Dermal Contact with Soil	2.6E-07	7%
Ingestion of Soil	6.0E-07	15%
Inhalation of Indoor Air	3.1E-06	78%
Grand Total	4.0E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Ethylbenzene	2.3E-08	1%
1,2-Dichloroethane	2.7E-08	1%
Chloroform	3.8E-08	1%
Dieldrin	4.0E-08	1%
Carbon tetrachloride	4.4E-08	1%
DDE	1.0E-07	3%
Benzo(a)pyrene	1.0E-07	3%
Benzene	2.8E-07	7%
Arsenic	5.9E-07	15%
Formaldehyde	2.7E-06	68%

Table K-304 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	8.9E-04	0%
Inhalation of Outdoor Air	1.0E-03	0%
Dermal Contact with Soil	9.6E-03	1%
Ingestion of Soil	2.2E-01	28%
Inhalation of Indoor Air	5.6E-01	71%
Grand Total	7.9E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,2-Dichloroethane	3.4E-03	0%
Thallium (Soluble Salts)	8.1E-03	1%
Aluminum	1.2E-02	1%
Benzene	2.8E-02	4%
Nickel	2.8E-02	4%
Isopropanol	3.0E-02	4%
Arsenic	3.1E-02	4%
Iron	3.9E-02	5%
Cobalt	1.1E-01	14%
Formaldehyde	4.9E-01	63%

Table K-305 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	1.4E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.9E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	8.1E-09	0%
Inhalation of Outdoor Air at CJ	1.1E-08	0%
Inhalation of Outdoor Air at Home	1.1E-08	0%
Dermal Contact with Soil at CJ	2.6E-07	4%
Dermal Contact with Soil at Home	3.0E-07	5%
Ingestion of Soil at Home	5.9E-07	9%
Ingestion of Soil at CJ	6.0E-07	9%
Inhalation of Indoor Air at Home	1.7E-06	26%
Inhalation of Indoor Air at CJ	3.1E-06	47%
Grand Total	6.6E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(b)fluoranthene	8.8E-08	1%
DDE	1.1E-07	2%
Dibenze(a,h)anthracene	1.2E-07	2%
Carbon tetrachloride	1.5E-07	2%
Benzene	3.7E-07	6%
Bromodichloromethane	5.4E-07	9%
Benzo(a)pyrene	6.0E-07	10%
Arsenic	6.7E-07	11%
Chloroform	8.2E-07	13%
Formaldehyde	2.7E-06	44%

Table K-306 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	8.9E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.0E-03	0%
Dermal Contact with Soil at CJ	9.6E-03	1%
Ingestion of Soil at CJ	2.2E-01	17%
Ingestion of Soil at Home	2.6E-01	19%
Inhalation of Indoor Air at Home	2.7E-01	20%
Inhalation of Indoor Air at CJ	5.6E-01	42%
Grand Total	1.3E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Thallium (Soluble Salts)	2.5E-02	2%
Aluminum	3.2E-02	2%
Arsenic	3.5E-02	3%
Benzene	3.7E-02	3%
Isopropanol	4.1E-02	3%
Nickel	6.5E-02	5%
Iron	9.3E-02	7%
Trichloroethene	2.3E-01	18%
Cobalt	2.4E-01	19%
Formaldehyde	4.9E-01	38%

Table K-307 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	1.4E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.9E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	8.2E-09	0%
Inhalation of Outdoor Air at CJ	1.1E-08	0%
Inhalation of Outdoor Air at Home	1.1E-08	0%
Dermal Contact with Soil at Home	2.9E-08	0%
Ingestion of Soil at Home	1.4E-07	1%
Dermal Contact with Soil at CJ	2.6E-07	1%
Ingestion of Soil at CJ	6.0E-07	2%
Inhalation of Indoor Air at CJ	3.1E-06	12%
Inhalation of Indoor Air at Home	2.2E-05	84%
Grand Total	2.6E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Ethylbenzene	2.3E-08	0%
1,2-Dichloroethane	2.8E-08	0%
Dieldrin	4.0E-08	0%
Chloroform	4.1E-08	0%
Carbon tetrachloride	4.8E-08	0%
Benzo(a)pyrene	1.0E-07	0%
DDE	1.1E-07	0%
Benzene	2.8E-07	1%
Arsenic	7.6E-07	3%
Formaldehyde	2.5E-05	95%

Table K-308 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	8.9E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.5E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.2E-03	0%
Dermal Contact with Soil at CJ	9.6E-03	0%
Ingestion of Soil at CJ	2.2E-01	4%
Ingestion of Soil at Home	2.7E-01	5%
Inhalation of Indoor Air at CJ	5.6E-01	11%
Inhalation of Indoor Air at Home	4.0E+00	79%
Grand Total	5.1E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,2-Dichloroethane	3.5E-03	0%
Thallium (Soluble Salts)	2.3E-02	0%
Benzene	2.8E-02	1%
Isopropanol	3.0E-02	1%
Aluminum	3.6E-02	1%
Arsenic	3.9E-02	1%
Nickel	6.9E-02	1%
Iron	9.6E-02	2%
Cobalt	2.4E-01	5%
Formaldehyde	4.5E+00	89%

Table K-309 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	1.4E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.9E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	9.9E-09	0%
Inhalation of Outdoor Air at CJ	1.1E-08	0%
Inhalation of Outdoor Air at Home	1.1E-08	0%
Dermal Contact with Soil at Home	5.7E-08	0%
Ingestion of Soil at Home	1.4E-07	1%
Dermal Contact with Soil at CJ	2.6E-07	1%
Ingestion of Soil at CJ	6.0E-07	3%
Inhalation of Indoor Air at CJ	3.1E-06	16%
Inhalation of Indoor Air at Home	1.5E-05	78%
Grand Total	1.9E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,2-Dichloroethane	2.8E-08	0%
Benzo(b)fluoranthene	2.8E-08	0%
Dieldrin	4.0E-08	0%
Chloroform	4.1E-08	0%
Carbon tetrachloride	4.8E-08	0%
DDE	1.1E-07	1%
Benzo(a)pyrene	2.2E-07	1%
Benzene	2.8E-07	1%
Arsenic	6.6E-07	3%
Formaldehyde	1.8E-05	92%

Table K-310 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Dermal Contact with Soil at Home	6.1E-04	0%
Inhalation of Particulate/Vapors Outdoors at CJ	8.9E-04	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	4.2E-03	0%
Dermal Contact with Soil at CJ	9.6E-03	0%
Ingestion of Soil at CJ	2.2E-01	6%
Ingestion of Soil at Home	3.6E-01	9%
Inhalation of Indoor Air at CJ	5.6E-01	14%
Inhalation of Indoor Air at Home	2.8E+00	70%
Grand Total	3.9E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,2-Dichloroethane	3.5E-03	0%
Thallium (Soluble Salts)	8.1E-03	0%
Benzene	2.8E-02	1%
Isopropanol	3.0E-02	1%
Aluminum	3.1E-02	1%
Arsenic	3.4E-02	1%
Nickel	9.6E-02	2%
Iron	1.0E-01	3%
Cobalt	3.3E-01	8%
Formaldehyde	3.2E+00	83%

Table K-311 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors at Home	8.4E-13	0%
Consumption of Locally Caught Fish	1.4E-12	0%
Dermal Contact with Soil at Home	9.0E-11	0%
Ingestion of Soil at Home	6.5E-10	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.9E-09	0%
Inhalation of Outdoor Air at CJ	1.1E-08	0%
Inhalation of Outdoor Air at Home	5.4E-08	1%
Inhalation of Indoor Air at Home	1.6E-07	4%
Dermal Contact with Soil at CJ	2.6E-07	6%
Ingestion of Soil at CJ	6.0E-07	14%
Inhalation of Indoor Air at CJ	3.1E-06	74%
Grand Total	4.2E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,2-Dichloroethane	2.7E-08	1%
Chloroform	3.8E-08	1%
Dieldrin	4.0E-08	1%
Carbon tetrachloride	4.4E-08	1%
Cobalt	9.7E-08	2%
DDE	1.0E-07	3%
Benzo(a)pyrene	1.0E-07	3%
Benzene	2.9E-07	7%
Arsenic	5.9E-07	15%
Formaldehyde	2.7E-06	67%

Table K-312 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.2E-07	0%
Dermal Contact with Soil at Home	1.1E-06	0%
Ingestion of Soil at Home	5.8E-05	0%
Inhalation of Particulate/Vapors Outdoors at CJ	8.9E-04	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	9.6E-03	1%
Inhalation of Outdoor Air at Home	2.6E-02	3%
Inhalation of Indoor Air at Home	7.7E-02	9%
Ingestion of Soil at CJ	2.2E-01	25%
Inhalation of Indoor Air at CJ	5.6E-01	63%
Grand Total	8.9E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Hydrogen cyanide	1.1E-02	1%
Aluminum	1.2E-02	1%
Biphenyl	1.6E-02	2%
Benzene	2.9E-02	3%
Isopropanol	3.0E-02	4%
Nickel	3.0E-02	4%
Arsenic	3.2E-02	4%
Iron	3.9E-02	5%
Cobalt	1.5E-01	18%
Formaldehyde	4.9E-01	59%

Table K-313 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	8.6E-10	0%
Inhalation of Outdoor Air	1.1E-08	0%
Dermal Contact with Soil	5.8E-07	18%
Ingestion of Soil	7.1E-07	22%
Inhalation of Indoor Air	1.9E-06	59%
Grand Total	3.2E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
DDE	3.0E-09	0%
Cobalt	4.8E-09	0%
Benzo(a)pyrene	1.6E-08	0%
Chloroform	2.4E-08	1%
1,3-Butadiene	2.8E-08	1%
Benzene	3.1E-08	1%
Carbon tetrachloride	4.2E-08	1%
Arsenic	7.8E-08	2%
Chlordecone (Kepone)	1.2E-06	37%
Formaldehyde	1.8E-06	56%

Table K-314 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Outdoor Air	1.0E-03	0%
Dermal Contact with Soil	5.4E-03	1%
Inhalation of Particulate/Vapors Outdoors	1.2E-02	2%
Ingestion of Soil	1.7E-01	31%
Inhalation of Indoor Air	3.5E-01	65%
Grand Total	5.3E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzene	3.1E-03	1%
Arsenic	4.1E-03	1%
Chlordecone (Kepone)	9.2E-03	2%
Aluminum	1.0E-02	2%
1,3-Butadiene	1.1E-02	2%
Mercury, elemental	1.1E-02	2%
Nickel	2.8E-02	5%
Iron	3.2E-02	6%
Cobalt	9.0E-02	17%
Formaldehyde	3.3E-01	62%

Table K-315 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	1.4E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	8.6E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.6E-09	0%
Inhalation of Outdoor Air at Home	1.1E-08	0%
Inhalation of Outdoor Air at CJ	1.1E-08	0%
Dermal Contact with Soil at Home	3.0E-07	5%
Dermal Contact with Soil at CJ	5.8E-07	10%
Ingestion of Soil at Home	5.9E-07	10%
Ingestion of Soil at CJ	7.1E-07	12%
Inhalation of Indoor Air at Home	1.7E-06	30%
Inhalation of Indoor Air at CJ	1.9E-06	33%
Grand Total	5.9E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Trichloroethene	7.9E-08	1%
Dibenze(a,h)anthracene	1.2E-07	2%
Benzene	1.2E-07	2%
Carbon tetrachloride	1.5E-07	3%
Arsenic	1.6E-07	3%
Benzo(a)pyrene	5.1E-07	9%
Bromodichloromethane	5.4E-07	10%
Chloroform	8.1E-07	15%
Chlordecone (Kepone)	1.2E-06	22%
Formaldehyde	1.8E-06	33%

Table K-316 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Dermal Contact with Soil at Home	1.0E-03	0%
Dermal Contact with Soil at CJ	5.4E-03	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.2E-02	1%
Inhalation of Particulate/Vapors Outdoors at Home	6.9E-02	6%
Ingestion of Soil at CJ	1.7E-01	15%
Ingestion of Soil at Home	2.6E-01	23%
Inhalation of Indoor Air at Home	2.7E-01	24%
Inhalation of Indoor Air at CJ	3.5E-01	31%
Grand Total	1.1E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzene	1.2E-02	1%
Isopropanol	1.3E-02	1%
Thallium (Soluble Salts)	1.7E-02	2%
Aluminum	3.0E-02	3%
Nickel	6.5E-02	6%
Mercury, elemental	7.9E-02	7%
Iron	8.6E-02	8%
Cobalt	2.2E-01	20%
Trichloroethene	2.2E-01	21%
Formaldehyde	3.3E-01	30%

Table K-317 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	1.4E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	8.6E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.7E-09	0%
Inhalation of Outdoor Air at CJ	1.1E-08	0%
Inhalation of Outdoor Air at Home	1.1E-08	0%
Dermal Contact with Soil at Home	2.9E-08	0%
Ingestion of Soil at Home	1.4E-07	1%
Dermal Contact with Soil at CJ	5.8E-07	2%
Ingestion of Soil at CJ	7.1E-07	3%
Inhalation of Indoor Air at CJ	1.9E-06	7%
Inhalation of Indoor Air at Home	2.2E-05	87%
Grand Total	2.5E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
DDE	4.3E-09	0%
Cobalt	1.6E-08	0%
Benzo(a)pyrene	1.6E-08	0%
Chloroform	2.6E-08	0%
1,3-Butadiene	2.8E-08	0%
Benzene	3.5E-08	0%
Carbon tetrachloride	4.6E-08	0%
Arsenic	2.5E-07	1%
Chlordecone (Kepone)	1.2E-06	5%
Formaldehyde	2.4E-05	94%

Table K-318 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Dermal Contact with Soil at Home	1.5E-03	0%
Dermal Contact with Soil at CJ	5.4E-03	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.2E-02	0%
Inhalation of Particulate/Vapors Outdoors at Home	7.0E-02	1%
Ingestion of Soil at CJ	1.7E-01	3%
Ingestion of Soil at Home	2.7E-01	5%
Inhalation of Indoor Air at CJ	3.5E-01	7%
Inhalation of Indoor Air at Home	4.0E+00	82%
Grand Total	4.9E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Chlordecone (Kepone)	9.2E-03	0%
1,3-Butadiene	1.1E-02	0%
Arsenic	1.3E-02	0%
Thallium (Soluble Salts)	1.4E-02	0%
Aluminum	3.5E-02	1%
Nickel	6.9E-02	1%
Mercury, elemental	7.9E-02	2%
Iron	8.9E-02	2%
Cobalt	2.2E-01	4%
Formaldehyde	4.4E+00	89%

Table K-319 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	1.4E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	8.6E-10	0%
Inhalation of Particulate/Vapors Outdoors at Home	4.4E-09	0%
Inhalation of Outdoor Air at CJ	1.1E-08	0%
Inhalation of Outdoor Air at Home	1.1E-08	0%
Dermal Contact with Soil at Home	5.7E-08	0%
Ingestion of Soil at Home	1.4E-07	1%
Dermal Contact with Soil at CJ	5.8E-07	3%
Ingestion of Soil at CJ	7.1E-07	4%
Inhalation of Indoor Air at CJ	1.9E-06	10%
Inhalation of Indoor Air at Home	1.5E-05	81%
Grand Total	1.8E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(b)fluoranthene	1.3E-08	0%
Cobalt	1.7E-08	0%
Chloroform	2.6E-08	0%
1,3-Butadiene	2.8E-08	0%
Benzene	3.5E-08	0%
Carbon tetrachloride	4.6E-08	0%
Benzo(a)pyrene	1.3E-07	1%
Arsenic	1.5E-07	1%
Chlordecone (Kepone)	1.2E-06	6%
Formaldehyde	1.7E-05	91%

Table K-320 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Dermal Contact with Soil at Home	6.1E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	5.4E-03	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.2E-02	0%
Inhalation of Particulate/Vapors Outdoors at Home	7.1E-02	2%
Ingestion of Soil at CJ	1.7E-01	5%
Inhalation of Indoor Air at CJ	3.5E-01	9%
Ingestion of Soil at Home	3.6E-01	10%
Inhalation of Indoor Air at Home	2.8E+00	74%
Grand Total	3.7E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzene	3.5E-03	0%
Arsenic	7.7E-03	0%
Chlordecone (Kepone)	9.2E-03	0%
1,3-Butadiene	1.1E-02	0%
Aluminum	3.0E-02	1%
Mercury, elemental	7.9E-02	2%
Iron	9.4E-02	3%
Nickel	9.6E-02	3%
Cobalt	3.1E-01	8%
Formaldehyde	3.1E+00	83%

Table K-321 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors at Home	8.4E-13	0%
Consumption of Locally Caught Fish	1.4E-12	0%
Dermal Contact with Soil at Home	9.0E-11	0%
Ingestion of Soil at Home	6.5E-10	0%
Inhalation of Particulate/Vapors Outdoors at CJ	8.6E-10	0%
Inhalation of Outdoor Air at CJ	1.1E-08	0%
Inhalation of Outdoor Air at Home	5.4E-08	2%
Inhalation of Indoor Air at Home	1.6E-07	5%
Dermal Contact with Soil at CJ	5.8E-07	17%
Ingestion of Soil at CJ	7.1E-07	21%
Inhalation of Indoor Air at CJ	1.9E-06	56%
Grand Total	3.4E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(a)pyrene	1.9E-08	1%
2,3,4,7,8-PeCDF	1.9E-08	1%
Chloroform	2.4E-08	1%
1,3-Butadiene	2.8E-08	1%
Carbon tetrachloride	4.2E-08	1%
Benzene	4.7E-08	1%
Arsenic	8.3E-08	2%
Cobalt	9.7E-08	3%
Chlordecone (Kepone)	1.2E-06	36%
Formaldehyde	1.8E-06	54%

Table K-322 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.2E-07	0%
Dermal Contact with Soil at Home	1.1E-06	0%
Ingestion of Soil at Home	5.8E-05	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	5.4E-03	1%
Inhalation of Particulate/Vapors Outdoors at CJ	1.2E-02	2%
Inhalation of Outdoor Air at Home	2.6E-02	4%
Inhalation of Indoor Air at Home	7.7E-02	12%
Ingestion of Soil at CJ	1.7E-01	26%
Inhalation of Indoor Air at CJ	3.5E-01	55%
Grand Total	6.3E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Barium	9.3E-03	2%
Aluminum	1.0E-02	2%
Hydrogen cyanide	1.1E-02	2%
1,3-Butadiene	1.1E-02	2%
Mercury, elemental	1.1E-02	2%
Biphenyl	1.6E-02	3%
Nickel	3.0E-02	5%
Iron	3.2E-02	6%
Cobalt	1.3E-01	22%
Formaldehyde	3.3E-01	56%

Table K-323 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	2.2E-13	0%
Dermal Contact with Soil	1.4E-10	0%
Ingestion of Soil	5.2E-10	0%
Inhalation of Outdoor Air	1.5E-08	11%
Inhalation of Indoor Air	1.2E-07	88%
Grand Total	1.4E-07	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,3,4,6,7,8-HxCDF	3.0E-09	3%
Arsenic	4.0E-09	3%
Acetaldehyde	5.0E-09	4%
1,2,3,4,7,8-HxCDF	6.0E-09	5%
1,2,3,7,8-PeCDD	9.4E-09	8%
Napthalene	9.9E-09	8%
Formaldehyde	1.1E-08	10%
Benzene	1.2E-08	10%
2,3,4,7,8-PeCDF	1.5E-08	13%
Cobalt	4.1E-08	35%

Table K-324 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	6.4E-08	0%
Dermal Contact with Soil	1.6E-06	0%
Ingestion of Soil	2.6E-05	0%
Inhalation of Outdoor Air	7.4E-03	11%
Inhalation of Indoor Air	5.9E-02	89%
Grand Total	6.6E-02	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Hydrogen Chloride	1.5E-03	3%
Pentachlorobiphenyl	1.8E-03	3%
Formaldehyde	2.1E-03	3%
Napthalene	2.3E-03	4%
Cadmium	2.7E-03	4%
Acetaldehyde	5.9E-03	10%
Barium	6.0E-03	10%
Hydrogen cyanide	8.2E-03	13%
Biphenyl	1.3E-02	21%
Cobalt	1.8E-02	29%

Table K-325 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	1.2E-12	0%
Consumption of Locally Caught Fish	1.4E-12	0%
Dermal Contact with Soil	9.0E-11	0%
Ingestion of Soil	6.5E-10	0%
Inhalation of Outdoor Air	7.4E-08	25%
Inhalation of Indoor Air	2.2E-07	75%
Grand Total	3.0E-07	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,3,7,8-TCDD	5.2E-09	2%
Arsenic	7.0E-09	3%
Acetaldehyde	8.9E-09	3%
1,2,3,4,7,8-HxCDF	1.0E-08	4%
1,2,3,7,8-PeCDD	1.6E-08	6%
Napthalene	1.6E-08	6%
Formaldehyde	2.1E-08	8%
Benzene	2.1E-08	8%
2,3,4,7,8-PeCDF	2.5E-08	10%
Cobalt	1.3E-07	49%

Table K-326 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors	4.3E-07	0%
Dermal Contact with Soil	1.1E-06	0%
Ingestion of Soil	5.8E-05	0%
Inhalation of Outdoor Air	3.5E-02	25%
Inhalation of Indoor Air	1.0E-01	75%
Grand Total	1.4E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Hydrogen Chloride	2.7E-03	2%
Pentachlorobiphenyl	3.1E-03	2%
Napthalene	3.7E-03	3%
Formaldehyde	3.8E-03	3%
Cadmium	4.8E-03	4%
Acetaldehyde	1.0E-02	8%
Barium	1.2E-02	9%
Hydrogen cyanide	1.4E-02	11%
Biphenyl	2.1E-02	16%
Cobalt	5.4E-02	42%

Table K-327 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	1.3E-12	0%
Consumption of Locally Caught Fish	1.3E-11	0%
Dermal Contact with Soil	9.0E-10	0%
Ingestion of Soil	8.1E-09	2%
Inhalation of Outdoor Air	8.5E-08	24%
Inhalation of Indoor Air	2.6E-07	73%
Grand Total	3.5E-07	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(a)anthracene	8.8E-09	3%
Acetaldehyde	8.9E-09	3%
1,2,3,4,7,8-HxCDF	1.1E-08	4%
Napthalene	1.6E-08	6%
1,2,3,7,8-PeCDD	1.7E-08	6%
Formaldehyde	2.1E-08	7%
Benzene	2.1E-08	7%
2,3,4,7,8-PeCDF	2.7E-08	9%
Benzo(a)pyrene	3.3E-08	12%
Cobalt	1.3E-07	43%

Table K-328 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	3
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	6.6E-09	0%
Inhalation of Particulate/Vapors Outdoors	4.3E-07	0%
Dermal Contact with Soil	6.9E-06	0%
Ingestion of Soil	6.1E-04	0%
Inhalation of Outdoor Air	3.5E-02	25%
Inhalation of Indoor Air	1.0E-01	75%
Grand Total	1.4E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Hydrogen Chloride	2.7E-03	2%
Pentachlorobiphenyl	3.1E-03	2%
Napthalene	3.7E-03	3%
Formaldehyde	3.8E-03	3%
Cadmium	4.8E-03	4%
Acetaldehyde	1.0E-02	8%
Barium	1.2E-02	9%
Hydrogen cyanide	1.4E-02	11%
Biphenyl	2.1E-02	16%
Cobalt	5.5E-02	42%

Table K-329 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	1.3E-09	0%
Inhalation of Outdoor Air	2.3E-08	0%
Dermal Contact with Soil	3.9E-07	5%
Ingestion of Soil	5.0E-07	6%
Inhalation of Indoor Air	6.8E-06	88%
Grand Total	7.7E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Chloroform	5.4E-08	1%
Benzene	6.3E-08	1%
Benzo(b)fluoranthene	6.8E-08	1%
1,2-Dichloroethane	7.9E-08	1%
1,3-Butadiene	8.2E-08	1%
Carbon tetrachloride	8.4E-08	1%
2,6-Dinitrotoluene	1.8E-07	2%
Arsenic	2.6E-07	3%
Benzo(a)pyrene	3.2E-07	4%
Formaldehyde	6.4E-06	84%

Table K-330 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-03 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	5.6E-04	0%
Inhalation of Outdoor Air	1.0E-03	0%
Dermal Contact with Soil	4.3E-03	1%
Ingestion of Soil	1.4E-01	18%
Inhalation of Indoor Air	6.2E-01	81%
Grand Total	7.6E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,6-Dinitrotoluene	4.7E-03	1%
1,2-Dichloroethane	5.0E-03	1%
Arsenic	6.8E-03	1%
Aluminum	7.9E-03	1%
Thallium (Soluble Salts)	1.1E-02	1%
1,3-Butadiene	1.6E-02	2%
Nickel	2.0E-02	3%
Iron	2.4E-02	3%
Cobalt	6.7E-02	9%
Formaldehyde	5.8E-01	78%

Table K-331 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	2.7E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.3E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	5.1E-09	0%
Inhalation of Outdoor Air at CJ	2.3E-08	0%
Inhalation of Outdoor Air at Home	2.3E-08	0%
Dermal Contact with Soil at CJ	3.9E-07	3%
Ingestion of Soil at CJ	5.0E-07	4%
Dermal Contact with Soil at Home	5.9E-07	5%
Ingestion of Soil at Home	1.2E-06	9%
Inhalation of Indoor Air at Home	3.5E-06	27%
Inhalation of Indoor Air at CJ	6.8E-06	52%
Grand Total	1.3E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,6-Dinitrotoluene	1.8E-07	1%
Benzo(b)fluoranthene	2.1E-07	2%
Benzene	2.5E-07	2%
Dibenze(a,h)anthracene	2.6E-07	2%
Carbon tetrachloride	2.9E-07	2%
Arsenic	4.3E-07	4%
Bromodichloromethane	1.1E-06	9%
Benzo(a)pyrene	1.3E-06	11%
Chloroform	1.6E-06	14%
Formaldehyde	6.4E-06	53%

Table K-332 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	5.6E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.5E-03	0%
Dermal Contact with Soil at CJ	4.3E-03	0%
Ingestion of Soil at CJ	1.4E-01	11%
Ingestion of Soil at Home	2.6E-01	20%
Inhalation of Indoor Air at Home	2.7E-01	21%
Inhalation of Indoor Air at CJ	6.2E-01	48%
Grand Total	1.3E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzene	1.2E-02	1%
Isopropanol	1.5E-02	1%
1,3-Butadiene	1.6E-02	1%
Thallium (Soluble Salts)	2.7E-02	2%
Aluminum	2.8E-02	2%
Nickel	5.7E-02	5%
Iron	7.8E-02	6%
Cobalt	1.9E-01	16%
Trichloroethene	2.3E-01	18%
Formaldehyde	5.8E-01	47%

Table K-333 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	2.7E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.3E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	5.3E-09	0%
Inhalation of Outdoor Air at CJ	2.3E-08	0%
Inhalation of Outdoor Air at Home	2.3E-08	0%
Dermal Contact with Soil at Home	5.9E-08	0%
Ingestion of Soil at Home	2.8E-07	1%
Dermal Contact with Soil at CJ	3.9E-07	1%
Ingestion of Soil at CJ	5.0E-07	1%
Inhalation of Indoor Air at CJ	6.8E-06	13%
Inhalation of Indoor Air at Home	4.4E-05	85%
Grand Total	5.2E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Chloroform	5.9E-08	0%
Benzo(b)fluoranthene	6.8E-08	0%
Benzene	7.1E-08	0%
1,2-Dichloroethane	8.1E-08	0%
1,3-Butadiene	8.2E-08	0%
Carbon tetrachloride	9.2E-08	0%
2,6-Dinitrotoluene	1.8E-07	0%
Benzo(a)pyrene	3.2E-07	1%
Arsenic	6.0E-07	1%
Formaldehyde	5.0E-05	97%

Table K-334 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	5.6E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.5E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.7E-03	0%
Dermal Contact with Soil at CJ	4.3E-03	0%
Ingestion of Soil at CJ	1.4E-01	3%
Ingestion of Soil at Home	2.7E-01	5%
Inhalation of Indoor Air at CJ	6.2E-01	12%
Inhalation of Indoor Air at Home	4.0E+00	80%
Grand Total	5.1E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,6-Dinitrotoluene	4.7E-03	0%
1,2-Dichloroethane	5.2E-03	0%
Arsenic	1.6E-02	0%
1,3-Butadiene	1.6E-02	0%
Thallium (Soluble Salts)	2.5E-02	0%
Aluminum	3.2E-02	1%
Nickel	6.1E-02	1%
Iron	8.1E-02	2%
Cobalt	2.0E-01	4%
Formaldehyde	4.6E+00	91%

Table K-335 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	2.7E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.3E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	8.7E-09	0%
Inhalation of Outdoor Air at CJ	2.3E-08	0%
Inhalation of Outdoor Air at Home	2.3E-08	0%
Dermal Contact with Soil at Home	1.1E-07	0%
Ingestion of Soil at Home	2.8E-07	1%
Dermal Contact with Soil at CJ	3.9E-07	1%
Ingestion of Soil at CJ	5.0E-07	1%
Inhalation of Indoor Air at CJ	6.8E-06	18%
Inhalation of Indoor Air at Home	3.0E-05	79%
Grand Total	3.8E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Chloroform	5.9E-08	0%
Benzene	7.1E-08	0%
1,2-Dichloroethane	8.1E-08	0%
1,3-Butadiene	8.2E-08	0%
Benzo(b)fluoranthene	8.8E-08	0%
Carbon tetrachloride	9.2E-08	0%
2,6-Dinitrotoluene	1.8E-07	0%
Arsenic	3.9E-07	1%
Benzo(a)pyrene	5.5E-07	1%
Formaldehyde	3.6E-05	96%

Table K-336 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-03
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	5.6E-04	0%
Dermal Contact with Soil at Home	6.1E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.7E-03	0%
Dermal Contact with Soil at CJ	4.3E-03	0%
Ingestion of Soil at CJ	1.4E-01	4%
Ingestion of Soil at Home	3.6E-01	9%
Inhalation of Indoor Air at CJ	6.2E-01	16%
Inhalation of Indoor Air at Home	2.8E+00	71%
Grand Total	3.9E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,6-Dinitrotoluene	4.7E-03	0%
1,2-Dichloroethane	5.2E-03	0%
Arsenic	1.0E-02	0%
Thallium (Soluble Salts)	1.1E-02	0%
1,3-Butadiene	1.6E-02	0%
Aluminum	2.8E-02	1%
Iron	8.6E-02	2%
Nickel	8.8E-02	2%
Cobalt	2.8E-01	7%
Formaldehyde	3.3E+00	86%

Table K-337 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors at Home	1.7E-12	0%
Consumption of Locally Caught Fish	2.7E-12	0%
Dermal Contact with Soil at Home	1.8E-10	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.3E-09	0%
Ingestion of Soil at Home	1.3E-09	0%
Inhalation of Outdoor Air at CJ	2.3E-08	0%
Inhalation of Outdoor Air at Home	1.1E-07	1%
Inhalation of Indoor Air at Home	3.2E-07	4%
Dermal Contact with Soil at CJ	3.9E-07	5%
Ingestion of Soil at CJ	5.0E-07	6%
Inhalation of Indoor Air at CJ	6.8E-06	83%
Grand Total	8.1E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(b)fluoranthene	6.8E-08	1%
1,2-Dichloroethane	7.9E-08	1%
1,3-Butadiene	8.2E-08	1%
Carbon tetrachloride	8.4E-08	1%
Benzene	9.3E-08	1%
2,6-Dinitrotoluene	1.8E-07	2%
Cobalt	1.9E-07	2%
Arsenic	2.7E-07	3%
Benzo(a)pyrene	3.2E-07	4%
Formaldehyde	6.4E-06	82%

Table K-338 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	03
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-03
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.2E-07	0%
Dermal Contact with Soil at Home	1.1E-06	0%
Ingestion of Soil at Home	5.8E-05	0%
Inhalation of Particulate/Vapors Outdoors at CJ	5.6E-04	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	4.3E-03	0%
Inhalation of Outdoor Air at Home	2.6E-02	3%
Inhalation of Indoor Air at Home	7.7E-02	9%
Ingestion of Soil at CJ	1.4E-01	16%
Inhalation of Indoor Air at CJ	6.2E-01	72%
Grand Total	8.6E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	8.6E-03	1%
Barium	9.3E-03	1%
Hydrogen cyanide	1.1E-02	1%
Thallium (Soluble Salts)	1.1E-02	1%
Biphenyl	1.6E-02	2%
1,3-Butadiene	1.6E-02	2%
Nickel	2.2E-02	3%
Iron	2.4E-02	3%
Cobalt	1.1E-01	13%
Formaldehyde	5.9E-01	72%

Table K-339 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	3.2E-09	0%
Inhalation of Outdoor Air	2.3E-08	0%
Inhalation of Indoor Air	3.2E-07	2%
Ingestion of Soil	6.7E-06	47%
Dermal Contact with Soil	7.2E-06	51%
Grand Total	1.4E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(k)fluoranthene	7.9E-08	1%
Carbon tetrachloride	8.0E-08	1%
Benzene	8.0E-08	1%
Arsenic	8.5E-08	1%
Dieldrin	1.8E-07	1%
Indeno(1,2,3-cd)pyrene	2.3E-07	2%
Benzo(a)anthracene	1.1E-06	8%
Benzo(b)fluoranthene	1.5E-06	10%
Dibenze(a,h)anthracene	1.7E-06	12%
Benzo(a)pyrene	9.0E-06	64%

Table K-340 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-04 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	6.9E-04	0%
Inhalation of Outdoor Air	1.0E-03	1%
Dermal Contact with Soil	1.9E-03	1%
Inhalation of Indoor Air	5.6E-02	32%
Ingestion of Soil	1.2E-01	66%
Grand Total	1.8E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	2.2E-03	1%
Dieldrin	2.7E-03	2%
Benzene	4.0E-03	2%
Aluminum	9.5E-03	5%
1,3-Butadiene	1.4E-02	8%
Isopropanol	1.6E-02	9%
Trichloroethene	1.8E-02	11%
Nickel	2.0E-02	12%
Iron	2.5E-02	14%
Cobalt	6.2E-02	36%

Table K-341 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	2.7E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	3.2E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	1.7E-08	0%
Inhalation of Outdoor Air at CJ	2.3E-08	0%
Inhalation of Outdoor Air at Home	2.3E-08	0%
Inhalation of Indoor Air at CJ	3.2E-07	2%
Dermal Contact with Soil at Home	5.9E-07	3%
Ingestion of Soil at Home	1.2E-06	6%
Inhalation of Indoor Air at Home	3.5E-06	18%
Ingestion of Soil at CJ	6.7E-06	34%
Dermal Contact with Soil at CJ	7.2E-06	37%
Grand Total	2.0E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	2.5E-07	1%
Benzene	2.7E-07	1%
Carbon tetrachloride	2.9E-07	2%
Indeno(1,2,3-cd)pyrene	2.9E-07	2%
Bromodichloromethane	1.1E-06	6%
Benzo(a)anthracene	1.2E-06	6%
Benzo(b)fluoranthene	1.6E-06	9%
Chloroform	1.6E-06	9%
Dibenze(a,h)anthracene	2.0E-06	11%
Benzo(a)pyrene	1.0E-05	54%

Table K-342 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.9E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.0E-03	0%
Dermal Contact with Soil at CJ	1.9E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.3E-03	0%
Inhalation of Indoor Air at CJ	5.6E-02	8%
Ingestion of Soil at CJ	1.2E-01	17%
Ingestion of Soil at Home	2.6E-01	36%
Inhalation of Indoor Air at Home	2.7E-01	38%
Grand Total	7.1E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Chloroform	8.4E-03	1%
Benzene	1.3E-02	2%
1,3-Butadiene	1.4E-02	2%
Thallium (Soluble Salts)	1.7E-02	2%
Isopropanol	2.7E-02	4%
Aluminum	3.0E-02	4%
Nickel	5.7E-02	8%
Iron	7.8E-02	12%
Cobalt	1.9E-01	28%
Trichloroethene	2.4E-01	36%

Table K-343 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	2.7E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	3.2E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	1.8E-08	0%
Inhalation of Outdoor Air at CJ	2.3E-08	0%
Inhalation of Outdoor Air at Home	2.3E-08	0%
Dermal Contact with Soil at Home	5.9E-08	0%
Ingestion of Soil at Home	2.8E-07	0%
Inhalation of Indoor Air at CJ	3.2E-07	1%
Ingestion of Soil at CJ	6.7E-06	11%
Dermal Contact with Soil at CJ	7.2E-06	12%
Inhalation of Indoor Air at Home	4.4E-05	75%
Grand Total	5.9E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Carbon tetrachloride	8.7E-08	0%
Benzene	8.8E-08	0%
Dieldrin	1.8E-07	0%
Indeno(1,2,3-cd)pyrene	2.3E-07	0%
Arsenic	4.2E-07	1%
Benzo(a)anthracene	1.1E-06	2%
Benzo(b)fluoranthene	1.5E-06	3%
Dibenzo(a,h)anthracene	1.7E-06	3%
Benzo(a)pyrene	9.0E-06	15%
Formaldehyde	4.4E-05	76%

Table K-344 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.9E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.5E-03	0%
Dermal Contact with Soil at CJ	1.9E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.6E-03	0%
Inhalation of Indoor Air at CJ	5.6E-02	1%
Ingestion of Soil at CJ	1.2E-01	3%
Ingestion of Soil at Home	2.7E-01	6%
Inhalation of Indoor Air at Home	4.0E+00	90%
Grand Total	4.5E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	1.1E-02	0%
1,3-Butadiene	1.4E-02	0%
Thallium (Soluble Salts)	1.4E-02	0%
Isopropanol	1.6E-02	0%
Trichloroethene	1.8E-02	0%
Aluminum	3.4E-02	1%
Nickel	6.1E-02	1%
Iron	8.1E-02	2%
Cobalt	1.9E-01	4%
Formaldehyde	4.0E+00	90%

Table K-345 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	2.7E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	3.2E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.1E-08	0%
Inhalation of Outdoor Air at CJ	2.3E-08	0%
Inhalation of Outdoor Air at Home	2.3E-08	0%
Dermal Contact with Soil at Home	1.1E-07	0%
Ingestion of Soil at Home	2.8E-07	1%
Inhalation of Indoor Air at CJ	3.2E-07	1%
Ingestion of Soil at CJ	6.7E-06	15%
Dermal Contact with Soil at CJ	7.2E-06	16%
Inhalation of Indoor Air at Home	3.0E-05	67%
Grand Total	4.5E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Carbon tetrachloride	8.7E-08	0%
Benzene	8.8E-08	0%
Dieldrin	1.8E-07	0%
Arsenic	2.2E-07	0%
Indeno(1,2,3-cd)pyrene	2.3E-07	1%
Benzo(a)anthracene	1.1E-06	2%
Benzo(b)fluoranthene	1.5E-06	3%
Dibenze(a,h)anthracene	1.7E-06	4%
Benzo(a)pyrene	9.2E-06	21%
Formaldehyde	3.0E-05	68%

Table K-346 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-04
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Dermal Contact with Soil at Home	6.1E-04	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.9E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	1.9E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	4.5E-03	0%
Inhalation of Indoor Air at CJ	5.6E-02	2%
Ingestion of Soil at CJ	1.2E-01	4%
Ingestion of Soil at Home	3.6E-01	11%
Inhalation of Indoor Air at Home	2.8E+00	83%
Grand Total	3.3E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzene	4.4E-03	0%
Arsenic	5.8E-03	0%
1,3-Butadiene	1.4E-02	0%
Isopropanol	1.6E-02	0%
Trichloroethene	1.8E-02	1%
Aluminum	2.9E-02	1%
Iron	8.6E-02	3%
Nickel	8.8E-02	3%
Cobalt	2.8E-01	8%
Formaldehyde	2.7E+00	84%

Table K-347 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors at Home	1.7E-12	0%
Consumption of Locally Caught Fish	2.7E-12	0%
Dermal Contact with Soil at Home	1.8E-10	0%
Ingestion of Soil at Home	1.3E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	3.2E-09	0%
Inhalation of Outdoor Air at CJ	2.3E-08	0%
Inhalation of Outdoor Air at Home	1.1E-07	1%
Inhalation of Indoor Air at CJ	3.2E-07	2%
Inhalation of Indoor Air at Home	3.2E-07	2%
Ingestion of Soil at CJ	6.7E-06	45%
Dermal Contact with Soil at CJ	7.2E-06	49%
Grand Total	1.5E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Carbon tetrachloride	8.0E-08	1%
Arsenic	9.5E-08	1%
Benzene	1.1E-07	1%
Dieldrin	1.8E-07	1%
Cobalt	1.9E-07	1%
Indeno(1,2,3-cd)pyrene	2.3E-07	2%
Benzo(a)anthracene	1.1E-06	8%
Benzo(b)fluoranthene	1.5E-06	10%
Dibenze(a,h)anthracene	1.7E-06	12%
Benzo(a)pyrene	9.0E-06	64%

Table K-348 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	04
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-04
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.2E-07	0%
Dermal Contact with Soil at Home	1.1E-06	0%
Ingestion of Soil at Home	5.8E-05	0%
Inhalation of Particulate/Vapors Outdoors at CJ	6.9E-04	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	1.9E-03	1%
Inhalation of Outdoor Air at Home	2.6E-02	9%
Inhalation of Indoor Air at CJ	5.6E-02	20%
Inhalation of Indoor Air at Home	7.7E-02	27%
Ingestion of Soil at CJ	1.2E-01	42%
Grand Total	2.8E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Barium	9.3E-03	4%
Aluminum	9.5E-03	4%
Hydrogen cyanide	1.1E-02	4%
1,3-Butadiene	1.4E-02	6%
Biphenyl	1.6E-02	7%
Isopropanol	1.6E-02	7%
Trichloroethene	1.8E-02	8%
Nickel	2.2E-02	9%
Iron	2.5E-02	10%
Cobalt	1.0E-01	42%

Table K-349 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	1.9E-09	0%
Inhalation of Outdoor Air	2.3E-08	3%
Dermal Contact with Soil	1.6E-07	22%
Ingestion of Soil	2.6E-07	36%
Inhalation of Indoor Air	2.8E-07	38%
Grand Total	7.2E-07	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Cobalt	9.7E-09	1%
Benzo(a)anthracene	1.1E-08	2%
Benzo(b)fluoranthene	1.6E-08	2%
Dibenze(a,h)anthracene	2.4E-08	3%
Benzene	4.9E-08	7%
1,4-Dioxane	5.5E-08	8%
Carbon tetrachloride	7.5E-08	11%
Chloroform	9.0E-08	13%
Benzo(a)pyrene	1.0E-07	15%
Arsenic	2.6E-07	38%

Table K-350 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-05 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Outdoor Air	1.0E-03	0%
Dermal Contact with Soil	2.0E-03	1%
Inhalation of Particulate/Vapors Outdoors	7.0E-03	3%
Inhalation of Indoor Air	2.6E-02	11%
Ingestion of Soil	2.1E-01	85%
Grand Total	2.5E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,4-Dioxane	4.3E-03	2%
Trichloroethene	5.0E-03	2%
Mercury, elemental	6.3E-03	3%
Arsenic	6.8E-03	3%
Isopropanol	1.0E-02	4%
Aluminum	1.1E-02	4%
Thallium (Soluble Salts)	2.7E-02	11%
Nickel	3.0E-02	12%
Iron	3.6E-02	15%
Cobalt	1.1E-01	44%

Table K-351 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	2.7E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.9E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	5.1E-09	0%
Inhalation of Outdoor Air at CJ	2.3E-08	0%
Inhalation of Outdoor Air at Home	2.3E-08	0%
Dermal Contact with Soil at CJ	1.6E-07	3%
Ingestion of Soil at CJ	2.6E-07	4%
Inhalation of Indoor Air at CJ	2.8E-07	5%
Dermal Contact with Soil at Home	5.9E-07	10%
Ingestion of Soil at Home	1.2E-06	20%
Inhalation of Indoor Air at Home	3.5E-06	58%
Grand Total	6.0E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Bromoform	1.4E-07	3%
Benzo(b)fluoranthene	1.5E-07	3%
Trichloroethene	1.6E-07	3%
Benzene	2.4E-07	4%
Dibenze(a,h)anthracene	2.7E-07	5%
Carbon tetrachloride	2.8E-07	5%
Arsenic	4.3E-07	8%
Bromodichloromethane	1.1E-06	19%
Benzo(a)pyrene	1.1E-06	20%
Chloroform	1.7E-06	30%

Table K-352 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.0E-03	0%
Dermal Contact with Soil at CJ	2.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at CJ	7.0E-03	1%
Inhalation of Indoor Air at CJ	2.6E-02	3%
Inhalation of Particulate/Vapors Outdoors at Home	4.1E-02	5%
Ingestion of Soil at CJ	2.1E-01	26%
Ingestion of Soil at Home	2.6E-01	31%
Inhalation of Indoor Air at Home	2.7E-01	33%
Grand Total	8.2E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	1.1E-02	1%
Benzene	1.2E-02	1%
Isopropanol	2.1E-02	3%
Aluminum	3.1E-02	4%
Thallium (Soluble Salts)	4.4E-02	6%
Mercury, elemental	4.5E-02	6%
Nickel	6.6E-02	8%
Iron	9.0E-02	11%
Trichloroethene	2.3E-01	29%
Cobalt	2.3E-01	30%

Table K-353 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	2.7E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.9E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	5.4E-09	0%
Inhalation of Outdoor Air at Home	2.3E-08	0%
Inhalation of Outdoor Air at CJ	2.3E-08	0%
Dermal Contact with Soil at Home	5.9E-08	0%
Dermal Contact with Soil at CJ	1.6E-07	0%
Ingestion of Soil at CJ	2.6E-07	1%
Inhalation of Indoor Air at CJ	2.8E-07	1%
Ingestion of Soil at Home	2.8E-07	1%
Inhalation of Indoor Air at Home	4.4E-05	98%
Grand Total	4.5E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(b)fluoranthene	1.6E-08	0%
Dibenze(a,h)anthracene	2.4E-08	0%
Cobalt	3.1E-08	0%
1,4-Dioxane	5.5E-08	0%
Benzene	5.7E-08	0%
Carbon tetrachloride	8.3E-08	0%
Chloroform	9.5E-08	0%
Benzo(a)pyrene	1.0E-07	0%
Arsenic	6.0E-07	1%
Formaldehyde	4.4E-05	98%

Table K-354 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.5E-03	0%
Dermal Contact with Soil at CJ	2.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at CJ	7.0E-03	0%
Inhalation of Indoor Air at CJ	2.6E-02	1%
Inhalation of Particulate/Vapors Outdoors at Home	4.1E-02	1%
Ingestion of Soil at CJ	2.1E-01	5%
Ingestion of Soil at Home	2.7E-01	6%
Inhalation of Indoor Air at Home	4.0E+00	88%
Grand Total	4.6E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Trichloroethene	5.0E-03	0%
Isopropanol	1.0E-02	0%
Arsenic	1.6E-02	0%
Aluminum	3.5E-02	1%
Thallium (Soluble Salts)	4.1E-02	1%
Mercury, elemental	4.5E-02	1%
Nickel	7.0E-02	2%
Iron	9.3E-02	2%
Cobalt	2.4E-01	5%
Formaldehyde	4.0E+00	88%

Table K-355 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	2.7E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.9E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	8.7E-09	0%
Inhalation of Outdoor Air at Home	2.3E-08	0%
Inhalation of Outdoor Air at CJ	2.3E-08	0%
Dermal Contact with Soil at Home	1.1E-07	0%
Dermal Contact with Soil at CJ	1.6E-07	1%
Ingestion of Soil at CJ	2.6E-07	1%
Inhalation of Indoor Air at CJ	2.8E-07	1%
Ingestion of Soil at Home	2.8E-07	1%
Inhalation of Indoor Air at Home	3.0E-05	96%
Grand Total	3.1E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Dibenze(a,h)anthracene	2.4E-08	0%
Cobalt	3.3E-08	0%
Benzo(b)fluoranthene	3.7E-08	0%
1,4-Dioxane	5.5E-08	0%
Benzene	5.7E-08	0%
Carbon tetrachloride	8.3E-08	0%
Chloroform	9.5E-08	0%
Benzo(a)pyrene	3.3E-07	1%
Arsenic	3.9E-07	1%
Formaldehyde	3.0E-05	96%

Table K-356 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-05
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Dermal Contact with Soil at Home	6.1E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	2.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at CJ	7.0E-03	0%
Inhalation of Indoor Air at CJ	2.6E-02	1%
Inhalation of Particulate/Vapors Outdoors at Home	4.2E-02	1%
Ingestion of Soil at CJ	2.1E-01	6%
Ingestion of Soil at Home	3.6E-01	11%
Inhalation of Indoor Air at Home	2.8E+00	81%
Grand Total	3.4E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Trichloroethene	5.0E-03	0%
Isopropanol	1.0E-02	0%
Arsenic	1.0E-02	0%
Thallium (Soluble Salts)	2.7E-02	1%
Aluminum	3.0E-02	1%
Mercury, elemental	4.5E-02	1%
Nickel	9.7E-02	3%
Iron	9.8E-02	3%
Cobalt	3.2E-01	10%
Formaldehyde	2.7E+00	81%

Table K-357 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors at Home	1.7E-12	0%
Consumption of Locally Caught Fish	2.7E-12	0%
Dermal Contact with Soil at Home	1.8E-10	0%
Ingestion of Soil at Home	1.3E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.9E-09	0%
Inhalation of Outdoor Air at CJ	2.3E-08	2%
Inhalation of Outdoor Air at Home	1.1E-07	9%
Dermal Contact with Soil at CJ	1.6E-07	14%
Ingestion of Soil at CJ	2.6E-07	23%
Inhalation of Indoor Air at CJ	2.8E-07	24%
Inhalation of Indoor Air at Home	3.2E-07	28%
Grand Total	1.2E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Dibenze(a,h)anthracene	2.5E-08	3%
Formaldehyde	3.1E-08	3%
2,3,4,7,8-PeCDF	3.8E-08	4%
1,4-Dioxane	5.5E-08	6%
Carbon tetrachloride	7.5E-08	8%
Benzene	8.0E-08	8%
Chloroform	9.0E-08	9%
Benzo(a)pyrene	1.1E-07	11%
Cobalt	1.9E-07	20%
Arsenic	2.7E-07	28%

Table K-358 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	05
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-05
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.2E-07	0%
Dermal Contact with Soil at Home	1.1E-06	0%
Ingestion of Soil at Home	5.8E-05	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	2.0E-03	1%
Inhalation of Particulate/Vapors Outdoors at CJ	7.0E-03	2%
Inhalation of Outdoor Air at Home	2.6E-02	7%
Inhalation of Indoor Air at CJ	2.6E-02	8%
Inhalation of Indoor Air at Home	7.7E-02	22%
Ingestion of Soil at CJ	2.1E-01	60%
Grand Total	3.5E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	8.6E-03	3%
Barium	9.3E-03	3%
Isopropanol	1.0E-02	3%
Hydrogen cyanide	1.1E-02	3%
Aluminum	1.1E-02	4%
Biphenyl	1.6E-02	5%
Thallium (Soluble Salts)	2.7E-02	9%
Nickel	3.1E-02	10%
Iron	3.6E-02	12%
Cobalt	1.5E-01	48%

Table K-359 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	3.9E-09	0%
Inhalation of Outdoor Air	2.3E-08	0%
Dermal Contact with Soil	5.3E-07	7%
Ingestion of Soil	1.2E-06	15%
Inhalation of Indoor Air	6.2E-06	78%
Grand Total	7.9E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Ethylbenzene	4.6E-08	1%
1,2-Dichloroethane	5.3E-08	1%
Chloroform	7.7E-08	1%
Dieldrin	8.0E-08	1%
Carbon tetrachloride	8.8E-08	1%
DDE	2.0E-07	3%
Benzo(a)pyrene	2.0E-07	3%
Benzene	5.6E-07	7%
Arsenic	1.2E-06	15%
Formaldehyde	5.3E-06	68%

Table K-360 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-06 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	8.9E-04	0%
Inhalation of Outdoor Air	1.0E-03	0%
Dermal Contact with Soil	9.6E-03	1%
Ingestion of Soil	2.2E-01	28%
Inhalation of Indoor Air	5.6E-01	71%
Grand Total	7.9E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,2-Dichloroethane	3.4E-03	0%
Thallium (Soluble Salts)	8.1E-03	1%
Aluminum	1.2E-02	1%
Benzene	2.8E-02	4%
Nickel	2.8E-02	4%
Isopropanol	3.0E-02	4%
Arsenic	3.1E-02	4%
Iron	3.9E-02	5%
Cobalt	1.1E-01	14%
Formaldehyde	4.9E-01	63%

Table K-361 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	2.7E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	3.9E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	1.6E-08	0%
Inhalation of Outdoor Air at CJ	2.3E-08	0%
Inhalation of Outdoor Air at Home	2.3E-08	0%
Dermal Contact with Soil at CJ	5.3E-07	4%
Dermal Contact with Soil at Home	5.9E-07	5%
Ingestion of Soil at Home	1.2E-06	9%
Ingestion of Soil at CJ	1.2E-06	9%
Inhalation of Indoor Air at Home	3.5E-06	26%
Inhalation of Indoor Air at CJ	6.2E-06	47%
Grand Total	1.3E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(b)fluoranthene	1.8E-07	1%
DDE	2.2E-07	2%
Dibenze(a,h)anthracene	2.5E-07	2%
Carbon tetrachloride	3.0E-07	2%
Benzene	7.4E-07	6%
Bromodichloromethane	1.1E-06	9%
Benzo(a)pyrene	1.2E-06	10%
Arsenic	1.3E-06	11%
Chloroform	1.6E-06	13%
Formaldehyde	5.3E-06	44%

Table K-362 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	8.9E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.0E-03	0%
Dermal Contact with Soil at CJ	9.6E-03	1%
Ingestion of Soil at CJ	2.2E-01	17%
Ingestion of Soil at Home	2.6E-01	19%
Inhalation of Indoor Air at Home	2.7E-01	20%
Inhalation of Indoor Air at CJ	5.6E-01	42%
Grand Total	1.3E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Thallium (Soluble Salts)	2.5E-02	2%
Aluminum	3.2E-02	2%
Arsenic	3.5E-02	3%
Benzene	3.7E-02	3%
Isopropanol	4.1E-02	3%
Nickel	6.5E-02	5%
Iron	9.3E-02	7%
Trichloroethene	2.3E-01	18%
Cobalt	2.4E-01	19%
Formaldehyde	4.9E-01	38%

Table K-363 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	2.7E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	3.9E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	1.6E-08	0%
Inhalation of Outdoor Air at CJ	2.3E-08	0%
Inhalation of Outdoor Air at Home	2.3E-08	0%
Dermal Contact with Soil at Home	5.9E-08	0%
Ingestion of Soil at Home	2.8E-07	1%
Dermal Contact with Soil at CJ	5.3E-07	1%
Ingestion of Soil at CJ	1.2E-06	2%
Inhalation of Indoor Air at CJ	6.2E-06	12%
Inhalation of Indoor Air at Home	4.4E-05	84%
Grand Total	5.2E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Ethylbenzene	4.6E-08	0%
1,2-Dichloroethane	5.5E-08	0%
Dieldrin	8.0E-08	0%
Chloroform	8.1E-08	0%
Carbon tetrachloride	9.6E-08	0%
Benzo(a)pyrene	2.0E-07	0%
DDE	2.1E-07	0%
Benzene	5.6E-07	1%
Arsenic	1.5E-06	3%
Formaldehyde	4.9E-05	95%

Table K-364 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	8.9E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at Home	1.5E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.2E-03	0%
Dermal Contact with Soil at CJ	9.6E-03	0%
Ingestion of Soil at CJ	2.2E-01	4%
Ingestion of Soil at Home	2.7E-01	5%
Inhalation of Indoor Air at CJ	5.6E-01	11%
Inhalation of Indoor Air at Home	4.0E+00	79%
Grand Total	5.1E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,2-Dichloroethane	3.5E-03	0%
Thallium (Soluble Salts)	2.3E-02	0%
Benzene	2.8E-02	1%
Isopropanol	3.0E-02	1%
Aluminum	3.6E-02	1%
Arsenic	3.9E-02	1%
Nickel	6.9E-02	1%
Iron	9.6E-02	2%
Cobalt	2.4E-01	5%
Formaldehyde	4.5E+00	89%

Table K-365 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	2.7E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	3.9E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	2.0E-08	0%
Inhalation of Outdoor Air at CJ	2.3E-08	0%
Inhalation of Outdoor Air at Home	2.3E-08	0%
Dermal Contact with Soil at Home	1.1E-07	0%
Ingestion of Soil at Home	2.8E-07	1%
Dermal Contact with Soil at CJ	5.3E-07	1%
Ingestion of Soil at CJ	1.2E-06	3%
Inhalation of Indoor Air at CJ	6.2E-06	16%
Inhalation of Indoor Air at Home	3.0E-05	78%
Grand Total	3.8E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,2-Dichloroethane	5.5E-08	0%
Benzo(b)fluoranthene	5.7E-08	0%
Dieldrin	8.0E-08	0%
Chloroform	8.1E-08	0%
Carbon tetrachloride	9.6E-08	0%
DDE	2.2E-07	1%
Benzo(a)pyrene	4.4E-07	1%
Benzene	5.6E-07	1%
Arsenic	1.3E-06	3%
Formaldehyde	3.5E-05	92%

Table K-366 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-06
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Dermal Contact with Soil at Home	6.1E-04	0%
Inhalation of Particulate/Vapors Outdoors at CJ	8.9E-04	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Particulate/Vapors Outdoors at Home	4.2E-03	0%
Dermal Contact with Soil at CJ	9.6E-03	0%
Ingestion of Soil at CJ	2.2E-01	6%
Ingestion of Soil at Home	3.6E-01	9%
Inhalation of Indoor Air at CJ	5.6E-01	14%
Inhalation of Indoor Air at Home	2.8E+00	70%
Grand Total	3.9E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,2-Dichloroethane	3.5E-03	0%
Thallium (Soluble Salts)	8.1E-03	0%
Benzene	2.8E-02	1%
Isopropanol	3.0E-02	1%
Aluminum	3.1E-02	1%
Arsenic	3.4E-02	1%
Nickel	9.6E-02	2%
Iron	1.0E-01	3%
Cobalt	3.3E-01	8%
Formaldehyde	3.2E+00	83%

Table K-367 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors at Home	1.7E-12	0%
Consumption of Locally Caught Fish	2.7E-12	0%
Dermal Contact with Soil at Home	1.8E-10	0%
Ingestion of Soil at Home	1.3E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	3.9E-09	0%
Inhalation of Outdoor Air at CJ	2.3E-08	0%
Inhalation of Outdoor Air at Home	1.1E-07	1%
Inhalation of Indoor Air at Home	3.2E-07	4%
Dermal Contact with Soil at CJ	5.3E-07	6%
Ingestion of Soil at CJ	1.2E-06	14%
Inhalation of Indoor Air at CJ	6.2E-06	74%
Grand Total	8.3E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
1,2-Dichloroethane	5.3E-08	1%
Chloroform	7.7E-08	1%
Dieldrin	8.0E-08	1%
Carbon tetrachloride	8.8E-08	1%
Cobalt	1.9E-07	2%
DDE	2.0E-07	3%
Benzo(a)pyrene	2.1E-07	3%
Benzene	5.9E-07	7%
Arsenic	1.2E-06	15%
Formaldehyde	5.4E-06	67%

Table K-368 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	06
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-06
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.2E-07	0%
Dermal Contact with Soil at Home	1.1E-06	0%
Ingestion of Soil at Home	5.8E-05	0%
Inhalation of Particulate/Vapors Outdoors at CJ	8.9E-04	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	9.6E-03	1%
Inhalation of Outdoor Air at Home	2.6E-02	3%
Inhalation of Indoor Air at Home	7.7E-02	9%
Ingestion of Soil at CJ	2.2E-01	25%
Inhalation of Indoor Air at CJ	5.6E-01	63%
Grand Total	8.9E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Hydrogen cyanide	1.1E-02	1%
Aluminum	1.2E-02	1%
Biphenyl	1.6E-02	2%
Benzene	2.9E-02	3%
Isopropanol	3.0E-02	4%
Nickel	3.0E-02	4%
Arsenic	3.2E-02	4%
Iron	3.9E-02	5%
Cobalt	1.5E-01	18%
Formaldehyde	4.9E-01	59%

Table K-369 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	1.7E-09	0%
Inhalation of Outdoor Air	2.3E-08	0%
Dermal Contact with Soil	1.2E-06	18%
Ingestion of Soil	1.4E-06	22%
Inhalation of Indoor Air	3.8E-06	59%
Grand Total	6.4E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
DDE	6.0E-09	0%
Cobalt	9.5E-09	0%
Benzo(a)pyrene	3.1E-08	0%
Chloroform	4.7E-08	1%
1,3-Butadiene	5.6E-08	1%
Benzene	6.3E-08	1%
Carbon tetrachloride	8.4E-08	1%
Arsenic	1.6E-07	2%
Chlordecone (Kepone)	2.4E-06	37%
Formaldehyde	3.6E-06	56%

Table K-370 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Works Inside Camp Justice at EU-08 (assumes no exposure occurs at Home)
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Outdoor Air	1.0E-03	0%
Dermal Contact with Soil	5.4E-03	1%
Inhalation of Particulate/Vapors Outdoors	1.2E-02	2%
Ingestion of Soil	1.7E-01	31%
Inhalation of Indoor Air	3.5E-01	65%
Grand Total	5.3E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzene	3.1E-03	1%
Arsenic	4.1E-03	1%
Chlordecone (Kepone)	9.2E-03	2%
Aluminum	1.0E-02	2%
1,3-Butadiene	1.1E-02	2%
Mercury, elemental	1.1E-02	2%
Nickel	2.8E-02	5%
Iron	3.2E-02	6%
Cobalt	9.0E-02	17%
Formaldehyde	3.3E-01	62%

Table K-371 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	2.7E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.7E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	5.2E-09	0%
Inhalation of Outdoor Air at Home	2.3E-08	0%
Inhalation of Outdoor Air at CJ	2.3E-08	0%
Dermal Contact with Soil at Home	5.9E-07	5%
Dermal Contact with Soil at CJ	1.2E-06	10%
Ingestion of Soil at Home	1.2E-06	10%
Ingestion of Soil at CJ	1.4E-06	12%
Inhalation of Indoor Air at Home	3.5E-06	30%
Inhalation of Indoor Air at CJ	3.8E-06	33%
Grand Total	1.2E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Trichloroethene	1.6E-07	1%
Dibenze(a,h)anthracene	2.5E-07	2%
Benzene	2.5E-07	2%
Carbon tetrachloride	2.9E-07	3%
Arsenic	3.3E-07	3%
Benzo(a)pyrene	1.0E-06	9%
Bromodichloromethane	1.1E-06	10%
Chloroform	1.6E-06	15%
Chlordecone (Kepone)	2.4E-06	22%
Formaldehyde	3.6E-06	33%

Table K-372 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-7 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Dermal Contact with Soil at Home	1.0E-03	0%
Dermal Contact with Soil at CJ	5.4E-03	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.2E-02	1%
Inhalation of Particulate/Vapors Outdoors at Home	6.9E-02	6%
Ingestion of Soil at CJ	1.7E-01	15%
Ingestion of Soil at Home	2.6E-01	23%
Inhalation of Indoor Air at Home	2.7E-01	24%
Inhalation of Indoor Air at CJ	3.5E-01	31%
Grand Total	1.1E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzene	1.2E-02	1%
Isopropanol	1.3E-02	1%
Thallium (Soluble Salts)	1.7E-02	2%
Aluminum	3.0E-02	3%
Nickel	6.5E-02	6%
Mercury, elemental	7.9E-02	7%
Iron	8.6E-02	8%
Cobalt	2.2E-01	20%
Trichloroethene	2.2E-01	21%
Formaldehyde	3.3E-01	30%

Table K-373 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	2.7E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.7E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	5.5E-09	0%
Inhalation of Outdoor Air at CJ	2.3E-08	0%
Inhalation of Outdoor Air at Home	2.3E-08	0%
Dermal Contact with Soil at Home	5.9E-08	0%
Ingestion of Soil at Home	2.8E-07	1%
Dermal Contact with Soil at CJ	1.2E-06	2%
Ingestion of Soil at CJ	1.4E-06	3%
Inhalation of Indoor Air at CJ	3.8E-06	7%
Inhalation of Indoor Air at Home	4.4E-05	87%
Grand Total	5.1E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
DDE	8.6E-09	0%
Cobalt	3.1E-08	0%
Benzo(a)pyrene	3.1E-08	0%
Chloroform	5.2E-08	0%
1,3-Butadiene	5.6E-08	0%
Benzene	7.1E-08	0%
Carbon tetrachloride	9.2E-08	0%
Arsenic	4.9E-07	1%
Chlordecone (Kepone)	2.4E-06	5%
Formaldehyde	4.8E-05	94%

Table K-374 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-2 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Dermal Contact with Soil at Home	1.5E-03	0%
Dermal Contact with Soil at CJ	5.4E-03	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.2E-02	0%
Inhalation of Particulate/Vapors Outdoors at Home	7.0E-02	1%
Ingestion of Soil at CJ	1.7E-01	3%
Ingestion of Soil at Home	2.7E-01	5%
Inhalation of Indoor Air at CJ	3.5E-01	7%
Inhalation of Indoor Air at Home	4.0E+00	82%
Grand Total	4.9E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Chlordecone (Kepone)	9.2E-03	0%
1,3-Butadiene	1.1E-02	0%
Arsenic	1.3E-02	0%
Thallium (Soluble Salts)	1.4E-02	0%
Aluminum	3.5E-02	1%
Nickel	6.9E-02	1%
Mercury, elemental	7.9E-02	2%
Iron	8.9E-02	2%
Cobalt	2.2E-01	4%
Formaldehyde	4.4E+00	89%

Table K-375 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	2.7E-12	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.7E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	8.9E-09	0%
Inhalation of Outdoor Air at CJ	2.3E-08	0%
Inhalation of Outdoor Air at Home	2.3E-08	0%
Dermal Contact with Soil at Home	1.1E-07	0%
Ingestion of Soil at Home	2.8E-07	1%
Dermal Contact with Soil at CJ	1.2E-06	3%
Ingestion of Soil at CJ	1.4E-06	4%
Inhalation of Indoor Air at CJ	3.8E-06	10%
Inhalation of Indoor Air at Home	3.0E-05	81%
Grand Total	3.7E-05	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(b)fluoranthene	2.7E-08	0%
Cobalt	3.3E-08	0%
Chloroform	5.2E-08	0%
1,3-Butadiene	5.6E-08	0%
Benzene	7.1E-08	0%
Carbon tetrachloride	9.2E-08	0%
Benzo(a)pyrene	2.6E-07	1%
Arsenic	2.9E-07	1%
Chlordecone (Kepone)	2.4E-06	6%
Formaldehyde	3.4E-05	91%

Table K-376 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Camp Justice
Exposed Population	Lives at EU-1 and Works at EU-08
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Dermal Contact with Soil at Home	6.1E-04	0%
Inhalation of Outdoor Air at Home	1.0E-03	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	5.4E-03	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.2E-02	0%
Inhalation of Particulate/Vapors Outdoors at Home	7.1E-02	2%
Ingestion of Soil at CJ	1.7E-01	5%
Inhalation of Indoor Air at CJ	3.5E-01	9%
Ingestion of Soil at Home	3.6E-01	10%
Inhalation of Indoor Air at Home	2.8E+00	74%
Grand Total	3.7E+00	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzene	3.5E-03	0%
Arsenic	7.7E-03	0%
Chlordecone (Kepone)	9.2E-03	0%
1,3-Butadiene	1.1E-02	0%
Aluminum	3.0E-02	1%
Mercury, elemental	7.9E-02	2%
Iron	9.4E-02	3%
Nickel	9.6E-02	3%
Cobalt	3.1E-01	8%
Formaldehyde	3.1E+00	83%

Table K-377 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors at Home	1.7E-12	0%
Consumption of Locally Caught Fish	2.7E-12	0%
Dermal Contact with Soil at Home	1.8E-10	0%
Ingestion of Soil at Home	1.3E-09	0%
Inhalation of Particulate/Vapors Outdoors at CJ	1.7E-09	0%
Inhalation of Outdoor Air at CJ	2.3E-08	0%
Inhalation of Outdoor Air at Home	1.1E-07	2%
Inhalation of Indoor Air at Home	3.2E-07	5%
Dermal Contact with Soil at CJ	1.2E-06	17%
Ingestion of Soil at CJ	1.4E-06	21%
Inhalation of Indoor Air at CJ	3.8E-06	56%
Grand Total	6.8E-06	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Benzo(a)pyrene	3.7E-08	1%
2,3,4,7,8-PeCDF	3.8E-08	1%
Chloroform	4.8E-08	1%
1,3-Butadiene	5.6E-08	1%
Carbon tetrachloride	8.4E-08	1%
Benzene	9.3E-08	1%
Arsenic	1.7E-07	2%
Cobalt	1.9E-07	3%
Chlordecone (Kepone)	2.4E-06	36%
Formaldehyde	3.6E-06	54%

Table K-378 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	08
Exposure Scenario	Lives at a Residence Outside Camp Justice & Works Inside Camp Justice at EU-08
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors at Home	3.2E-07	0%
Dermal Contact with Soil at Home	1.1E-06	0%
Ingestion of Soil at Home	5.8E-05	0%
Inhalation of Outdoor Air at CJ	1.0E-03	0%
Dermal Contact with Soil at CJ	5.4E-03	1%
Inhalation of Particulate/Vapors Outdoors at CJ	1.2E-02	2%
Inhalation of Outdoor Air at Home	2.6E-02	4%
Inhalation of Indoor Air at Home	7.7E-02	12%
Ingestion of Soil at CJ	1.7E-01	26%
Inhalation of Indoor Air at CJ	3.5E-01	55%
Grand Total	6.3E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Barium	9.3E-03	2%
Aluminum	1.0E-02	2%
Hydrogen cyanide	1.1E-02	2%
1,3-Butadiene	1.1E-02	2%
Mercury, elemental	1.1E-02	2%
Biphenyl	1.6E-02	3%
Nickel	3.0E-02	5%
Iron	3.2E-02	6%
Cobalt	1.3E-01	22%
Formaldehyde	3.3E-01	56%

Table K-379 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	4.4E-13	0%
Dermal Contact with Soil	2.9E-10	0%
Ingestion of Soil	1.0E-09	0%
Inhalation of Outdoor Air	3.1E-08	11%
Inhalation of Indoor Air	2.5E-07	88%
Grand Total	2.8E-07	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,3,4,6,7,8-HxCDF	5.9E-09	3%
Arsenic	7.9E-09	3%
Acetaldehyde	1.0E-08	4%
1,2,3,4,7,8-HxCDF	1.2E-08	5%
1,2,3,7,8-PeCDD	1.9E-08	8%
Napthalene	2.0E-08	8%
Formaldehyde	2.2E-08	10%
Benzene	2.4E-08	10%
2,3,4,7,8-PeCDF	3.0E-08	13%
Cobalt	8.2E-08	35%

Table K-380 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Industrial
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	6.4E-08	0%
Dermal Contact with Soil	1.6E-06	0%
Ingestion of Soil	2.6E-05	0%
Inhalation of Outdoor Air	7.4E-03	11%
Inhalation of Indoor Air	5.9E-02	89%
Grand Total	6.6E-02	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Hydrogen Chloride	1.5E-03	3%
Pentachlorobiphenyl	1.8E-03	3%
Formaldehyde	2.1E-03	3%
Napthalene	2.3E-03	4%
Cadmium	2.7E-03	4%
Acetaldehyde	5.9E-03	10%
Barium	6.0E-03	10%
Hydrogen cyanide	8.2E-03	13%
Biphenyl	1.3E-02	21%
Cobalt	1.8E-02	29%

Table K-381 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	2.3E-12	0%
Consumption of Locally Caught Fish	2.7E-12	0%
Dermal Contact with Soil	1.8E-10	0%
Ingestion of Soil	1.3E-09	0%
Inhalation of Outdoor Air	1.5E-07	25%
Inhalation of Indoor Air	4.4E-07	75%
Grand Total	5.9E-07	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
2,3,7,8-TCDD	1.0E-08	2%
Arsenic	1.4E-08	3%
Acetaldehyde	1.8E-08	3%
1,2,3,4,7,8-HxCDF	2.0E-08	4%
1,2,3,7,8-PeCDD	3.2E-08	6%
Napthalene	3.3E-08	6%
Formaldehyde	4.1E-08	8%
Benzene	4.1E-08	8%
2,3,4,7,8-PeCDF	5.0E-08	10%
Cobalt	2.5E-07	49%

Table K-382 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Adult
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	5.0E-09	0%
Inhalation of Particulate/Vapors Outdoors	4.3E-07	0%
Dermal Contact with Soil	1.1E-06	0%
Ingestion of Soil	5.8E-05	0%
Inhalation of Outdoor Air	3.5E-02	25%
Inhalation of Indoor Air	1.0E-01	75%
Grand Total	1.4E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Hydrogen Chloride	2.7E-03	2%
Pentachlorobiphenyl	3.1E-03	2%
Napthalene	3.7E-03	3%
Formaldehyde	3.8E-03	3%
Cadmium	4.8E-03	4%
Acetaldehyde	1.0E-02	8%
Barium	1.2E-02	9%
Hydrogen cyanide	1.4E-02	11%
Biphenyl	2.1E-02	16%
Cobalt	5.4E-02	42%

Table K-383 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Cancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Inhalation of Particulate/Vapors Outdoors	2.4E-12	0%
Consumption of Locally Caught Fish	1.8E-11	0%
Dermal Contact with Soil	1.5E-09	0%
Ingestion of Soil	1.5E-08	2%
Inhalation of Outdoor Air	1.6E-07	24%
Inhalation of Indoor Air	4.9E-07	73%
Grand Total	6.7E-07	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Arsenic	1.4E-08	3%
Acetaldehyde	1.8E-08	3%
1,2,3,4,7,8-HxCDF	2.2E-08	4%
Napthalene	3.3E-08	6%
1,2,3,7,8-PeCDD	3.4E-08	6%
Formaldehyde	4.1E-08	7%
Benzene	4.1E-08	7%
Benzo(a)pyrene	4.6E-08	8%
2,3,4,7,8-PeCDF	5.4E-08	10%
Cobalt	2.5E-07	45%

Table K-384 (Percentage of Risk Contributed by Exposure Pathways and Chemicals)

ACI Lifetime (yrs)	30
Exposure Duration (yrs)	6
Exposure Unit	Outside Camp Justice
Exposure Scenario	Residential
Exposed Population	Child
Risk (Cancer/Noncancer Hazard)	Noncancer

Exposure Pathway	Grand Total Risk	% of Grand Total Risk
Consumption of Locally Caught Fish	6.6E-09	0%
Inhalation of Particulate/Vapors Outdoors	4.3E-07	0%
Dermal Contact with Soil	6.9E-06	0%
Ingestion of Soil	6.1E-04	0%
Inhalation of Outdoor Air	3.5E-02	25%
Inhalation of Indoor Air	1.0E-01	75%
Grand Total	1.4E-01	100%

Top 10 Chemical Risk Drivers	Grand Total Risk	% of Grand Total Risk
Hydrogen Chloride	2.7E-03	2%
Pentachlorobiphenyl	3.1E-03	2%
Napthalene	3.7E-03	3%
Formaldehyde	3.8E-03	3%
Cadmium	4.8E-03	4%
Acetaldehyde	1.0E-02	8%
Barium	1.2E-02	9%
Hydrogen cyanide	1.4E-02	11%
Biphenyl	2.1E-02	16%
Cobalt	5.5E-02	42%



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Appendix L

Breast Milk Exposure Evaluation



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Evaluation of Infant Exposures to Dioxins/Furans (as 2,3,7,8-TCDD Toxic Equivalent) at Naval Station Guantanamo Bay via Breast Milk

As recommended in the United States Environmental Agency (USEPA) Combustor Protocol, the potential risk to an infant via ingestion of dioxin/furans¹ (dioxins) in breast milk was evaluated by comparing the estimated average daily dose (ADD) of dioxins for a nursing infant to the United States (US) national average background² exposure level of 93 picograms per kilogram body weight per day (pg/kg-day) (USEPA 2005). This target ADD is recommended by the USEPA, and is based on a measured background level of dioxins in breast milk of 25 ppt (USEPA 2005). If exposures due to the Air Curtain Incinerator (ACI) emissions during the exposure duration of concern are low compared to background exposures, then the emissions are not expected to cause an increase in noncancer effects.

Note: The USEPA typically evaluates noncancer effects of chemicals by comparing exposure levels to health-based reference doses or concentrations. However, the USEPA has not developed noncancer benchmarks for dioxins. Therefore, this alternative USEPA-recommended approach was used to evaluate dioxins.

Concentrations of dioxins in breast milk fat were estimated from the total maternal ADD. The maternal ADD of dioxins was calculated based on total intake from direct contact exposures (ingestion of fish, dermal contact with soil, and incidental soil ingestion) and inhalation (see Tables L-1 and L-2). Maternal exposures were based on the Maximum Point of Impingement (MPOI)³ (i.e., the worst case residential location) located Outside Camp Justice. A 25-year residential scenario was assumed based on a 30-year ACI operational time frame (again worst case assumptions for this human health risk assessment).

The ADD, as 2,3,7,8-TCDD toxic equivalent (TEQ), was calculated as 0.1 in pg/kg-day. The dose is several orders of magnitude lower than the US background level of 93 pg/kg-day. Since the calculated daily dose is for a maximum exposure scenario, daily doses for other exposure scenarios would be lower. It was therefore concluded that incinerator-related exposure of infants to dioxins was below background level exposures.

Reference:

USEPA 2005. Human Health Risk Assessment Protocol for Hazardous Waste Combustion Facilities.
USEPA Office of Solid Waste. September.

¹ Calculated as 2,3,7,8-TCDD TEQ. Also includes dioxin-like polychlorinated biphenyls (PCBs): PCB-77, PCB-81, PCB-105, PCB-114, PCB-118, PCB-123, PCB-126, PCB-156, PCB-157, PCB-167, PCB-169, and PCB-189.

² The 25-ppt 2,3,7,8-TCDD TEQ is the sum of the average breast milk concentration of 18-ppt TEQ from PCDD/PCDFs and 7-ppt TEQ from co-planar, dioxin-like PCBs. After normalization for infant body weight, this breast milk concentration of 25 ppt TEQ results in an average, background intake for the infant of 93 (pg/kg-day) of 2,3,7,8-TCDD TEQ (USEPA 2005).

³ The MPOI represents the location on the receptor grid (with the exception of the Air Curtain Incinerator area, Guantanamo Bay, or Caribbean Sea) where the highest concentration/deposition is predicted to occur. See Section 2 of the NSGB HHRA for more information.



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Table L-1: Maternal Average Daily Dose Based on Direct Contact Exposures (Ingestion and Dermal Contact)

ACI Lifetime: 30 years Exposure Duration: 25 years Exposure Unit: Outside Camp Justice Exposure Scenario: Residential Exposed Population: Adult Noncancer						
Chemical	Consumption of Locally Caught Fish	Dermal Contact with Soil	Ingestion of Soil	Grand Total	TEF	ADD _{Direct Contact} 2,3,7-8 TCDD TEQ (mg/kg-day)
1,2,3,4,6,7,8-HpCDD	1.8E-18	4.0E-14	3.2E-13	3.6E-13	0.01	3.6E-15
1,2,3,4,6,7,8-HpCDF	1.8E-18	4.1E-14	3.2E-13	3.6E-13	0.01	3.6E-15
1,2,3,4,7,8,9-HpCDF	2.5E-19	4.9E-15	3.9E-14	4.4E-14	0.01	4.4E-16
1,2,3,4,7,8-HxCDD	2.0E-18	4.7E-15	3.7E-14	4.2E-14	0.1	4.2E-15
1,2,3,4,7,8-HxCDF	1.3E-17	3.8E-14	3.0E-13	3.3E-13	0.1	3.3E-14
1,2,3,6,7,8-HxCDD	3.7E-18	9.7E-15	7.7E-14	8.6E-14	0.1	8.6E-15
1,2,3,6,7,8-HxCDF	4.9E-18	1.2E-14	9.8E-14	1.1E-13	0.1	1.1E-14
1,2,3,7,8,9-HxCDD	5.6E-18	1.5E-14	1.2E-13	1.4E-13	0.1	1.4E-14
1,2,3,7,8,9-HxCDF	3.8E-19	8.9E-16	7.1E-15	8.0E-15	0.1	8.0E-16
1,2,3,7,8-PeCDD	8.4E-18	5.4E-15	4.3E-14	4.8E-14	1	4.8E-14
1,2,3,7,8-PeCDF	1.2E-17	6.4E-15	5.1E-14	5.7E-14	0.03	1.7E-15
2,3,4,6,7,8-HxCDF	7.0E-18	1.9E-14	1.5E-13	1.7E-13	0.1	1.7E-14
2,3,4,7,8-PeCDF	1.9E-17	1.5E-14	1.2E-13	1.4E-13	0.3	4.1E-14
2,3,7,8-TCDD ¹	2.7E-18	8.0E-16	6.3E-15	7.1E-15	1	7.1E-15
2,3,7,8-TCDF	8.2E-18	2.0E-15	1.6E-14	1.8E-14	0.1	1.8E-15
OCDD	2.5E-20	2.7E-14	2.1E-13	2.4E-13	0.0003	7.2E-17
OCDF	9.3E-21	1.0E-14	8.0E-14	9.0E-14	0.0003	2.7E-17
Maternal Direct Contact ADD (mg/kg-day) of 2,3,7-8 TCDD TEQ						2.0E-13

Notes:

WHO: World Health Organization

¹Includes dioxin-like PCBs: PCB-77 (WHO 98 TEF = 0.0001), PCB-81 (WHO 98 TEF = 0.0001), PCB-105 (WHO 98 TEF = 0.0001), PCB-114 (WHO 98 TEF = 0.0005), PCB-118 (WHO 98 TEF = 0.0001), PCB-123 (WHO 98 TEF = 0.0001), PCB-126 (WHO 98 TEF = 0.1), PCB-156 (WHO 98 TEF = 0.0005), PCB-157 (WHO 98 TEF = 0.0005), PCB-167 (WHO 98 TEF = 0.00001), PCB-169 (WHO 98 TEF = 0.01), and PCB-189 (WHO 98 TEF = 0.0001).



Table L-2: Maternal Average Daily Dose Based on Inhalation

$$ADD_{inh} \left(\frac{mg}{kg - day} \right) = \frac{C_a \times IR \times ET \times EF \times ED \times 0.001 \text{ mg/ug}}{BW \times AT \times 365 \text{ day/yr}}$$

Chemical	Concentration in Air (ug/m ³)	TEF	Ca (2,3,7-8 TCDD TEQ) ug/m ³	ADD _{inh} 2,3,7-8 TCDD TEQ (mg/kg-day)
1,2,3,4,6,7,8-HpCDD	6.41E-08	0.01	6.41E-10	5.47E-14
1,2,3,4,6,7,8-HpCDF	6.44E-08	0.01	6.44E-10	5.49E-14
1,2,3,4,7,8,9-HpCDF	8.38E-09	0.01	8.38E-11	7.15E-15
1,2,3,4,7,8-HxCDD	7.79E-09	0.1	7.79E-10	6.64E-14
1,2,3,4,7,8-HxCDF	6.33E-08	0.1	6.33E-09	5.40E-13
1,2,3,6,7,8-HxCDD	1.64E-08	0.1	1.64E-09	1.40E-13
1,2,3,6,7,8-HxCDF	2.06E-08	0.1	2.06E-09	1.76E-13
1,2,3,7,8,9-HxCDD	2.49E-08	0.1	2.49E-09	2.12E-13
1,2,3,7,8,9-HxCDF	1.59E-09	0.1	1.59E-10	1.36E-14
1,2,3,7,8-PeCDD	1.00E-08	1	1.00E-08	8.53E-13
1,2,3,7,8-PeCDF	1.42E-08	0.03	4.26E-10	3.63E-14
2,3,4,6,7,8-HxCDF	3.15E-08	0.1	3.15E-09	2.69E-13
2,3,4,7,8-PeCDF	3.19E-08	0.3	9.57E-09	8.16E-13
2,3,7,8-TCDD ¹	7.82E-09	1	7.82E-09	6.67E-13
2,3,7,8-TCDF	1.48E-08	0.1	1.48E-09	1.26E-13
OCDD	4.21E-08	0.0003	1.26E-11	1.08E-15
OCDF	1.55E-08	0.0003	4.65E-12	3.97E-16
Maternal Inhalation ADD (mg/kg-day) of 2,3,7-8 TCDD TEQ				4.03E-12

Notes:

¹Includes dioxin-like PCBs: PCB-77 (WHO 98 TEF = 0.0001), PCB-81 (WHO 98 TEF = 0.0001), PCB-105 (WHO 98 TEF = 0.0001), PCB-114 (WHO 98 TEF = 0.0005), PCB-118 (WHO 98 TEF = 0.0001), PCB-123 (WHO 98 TEF = 0.0001), PCB-126 (WHO 98 TEF = 0.1), PCB-156 (WHO 98 TEF = 0.0005), PCB-157 (WHO 98 TEF = 0.0005), PCB-167 (WHO 98 TEF = 0.00001), PCB-169 (WHO 98 TEF = 0.01), and PCB-189 (WHO 98 TEF = 0.0001).

Parameter	Definition	Value	Unit
IR	Inhalation rate (default)	0.83	m ³ /hr
ET	Exposure time (default)	24	hr/day
EF	Exposure frequency (default)	350	days/yr
ED	Exposure duration	25	yr
BW	Body weight (default)	80	kg
AT	Averaging time (default)	70	yr
0.001	Conversion factor mg/ug	0.0010	--
365	Conversion factor days/year	365	--

Notes:

Equation source: USEPA Combustor Protocol (USEPA 2005)